

Appendix D

Clark County, Nevada

**Section 1 -- Remote Sensing Imagery for an Inventory
of Vacant Land Soil Stability and Unpaved Private
Roads**

Final Report

December 2006

**Section 2 -- Annual Reports on Paved Road and
Shoulder Improvements - 2006**

- A. Clark County Public Works
- B. City of Las Vegas, Nevada
- C. City of Henderson, Nevada
- D. City of North Las Vegas, Nevada

Appendix D

Clark County, Nevada

**Section 1 -- Remote Sensing Imagery for an Inventory
of Vacant Land Soil Stability and Unpaved Private
Roads**

Final Report

December 2006

An Inventory of Vacant Land Soil Stability and Unpaved Private Roads in the Las Vegas Valley Using Remote Sensing Imagery

Submitted to:



**Clark County Department of Finance
Purchasing and Contracts
500 S. Central Parkway
Las Vegas, Nevada 89155-1217**

Submitted by:



**Environmental Quality Management, Inc.
6340 McLeod Drive, Suite 1
Las Vegas, Nevada 89120**

in conjunction with:



**MIDWEST
RESEARCH
INSTITUTE**

December 2006

**AN INVENTORY OF VACANT LAND SOIL STABILITY
AND PRIVATE UNPAVED ROADS IN THE
LAS VEGAS VALLEY
USING REMOTE SENSING IMAGERY**

Prepared by:

Environmental Quality Management, Inc.
6340 McLeod Drive, Suite 1
Las Vegas, Nevada 89120

and

Midwest Research Institute
425 Volker Blvd.
Kansas City, Missouri 64110-2241

PN 70204.001

December 2006

CONTENTS

<u>Section</u>	<u>Page</u>
Acknowledgement	vi
Executive Summary	vii
1.0 Introduction.....	1-1
1.1 Background.....	1-1
1.2 Overview of Methodology.....	1-4
2.0 Training Site Selection and Characterization	2-1
2.1 Site Selection Methodology.....	2-4
2.2 Site Characterization Selection Methods and Results	2-7
2.2.1 Site Selection	2-7
2.2.2 Site Characterization Methods.....	2-8
2.2.3 Ground Truthing Results.....	2-18
3.0 Satellite Imagery Selection and Processing.....	3-1
3.1 Remote Sensing Data Sources	3-1
3.2 Other Studies.....	3-2
3.3 Landsat vs IKONOS and QuickBird.....	3-2
3.4 Rationale for Selection of Landsat.....	3-4
4.0 Spectral Analysis Procedures.....	4-1
4.1 Land Category Characteristics.....	4-4
4.2 Supervised Classification.....	4-5
4.3 Choice of Mahalanobis Method.....	4-5
4.4 Definition of Land Subcategories	4-6
4.5 Special Challenges	4-6
4.6 Accuracy Assessment	4-7
5.0 Results of Satellite Imagery Analysis.....	5-1
5.1 Control of Misregistration Errors.....	5-1
5.2 Mapping of Land Categories	5-1
5.3 Accuracy Assessment	5-4
6.0 Private Unpaved Road Traffic Counts.....	6-1
6.1 Identified Roads and Areas.....	6-1
6.2 Delineating the Private Unpaved Roads for Traffic Counts.....	6-1
6.3 Conducting the Traffic Counts on Private Unpaved Roads.....	6-2

CONTENTS (continued)

<u>Section</u>	<u>Page</u>
7.0 Results of Private Unpaved Road Analysis	7-1
7.1 Identified Roads and Areas of Concentration.....	7-1
7.2 Average Daily Traffic Results	7-1
8.0 Conclusions.....	8-1
8.1 Vacant Lands	8-1
8.2 Applicability of Limitations of WEG Classification	8-2
8.3 Private Unpaved Roads.....	8-2
8.4 Inventory Accuracy Assessment.....	8-3
8.5 Protocol for Inventory Updating.....	8-3
9.0 References.....	9-1
Appendix A – Glossary	
Appendix B – Unpaved Road Traffic Count Locations	
Appendix C – Dr. James Wind Tunnel Classifications	
Appendix D – Ground Truthing Data Form Field Sheets	
Appendix E – Table 1 & Table 2-1 of Section 90 Clark County Air Quality Regulations	
Appendix F – Clark County Air Quality Regulation Section 91.4.1.2	
Appendix G – Wind Erodibility Groups	
Appendix H – Traffic Count Data Form Field Sheets	

FIGURES

<u>Number</u>		<u>Page</u>
1-1	Hydrographic Area/Airshed Basemap	1-2
1-2	Proposed Test Site Areas Based Upon Wind Erodibility by Groups (WEG).....	1-6
1-3	Coverage of Geometry of a Satellite in Orbit Above a Spherical Planet with a Nadir-Pointing Conical Sensor or Field-of-View	1-8
2-1	Decision Tree for Vacant Land Classification.....	2-3
2-2	Example Map Labels with Wind Erodibility Groups	2-5
2-3	Proposed Test Site Areas for Pilot Study.....	2-6
2-4	Test Sites (Northern).....	2-9
2-5	Test Sites (Southern).....	2-10
2-6	Example Test Sites.....	2-12
2-7	Aerial Photo Showing One Training Site and Soil Test Locations	2-13
3-1	Landsat 5 TM Coverage of Clark County.....	3-3
3-2	Reflectance Response Curves of Natural and Manmade Features Using Landsat Imagery	3-5
4-1	Visible Spectra from Landsat TM Imagery	4-2
4-2	Mahalanobis Supervised Classification	4-3
5-1a	Mahalanobis Supervised Classification	5-2
5-1b	Mahalanobis Supervised Classification	5-3
5-2	Sun-Synchronous Orbit of Landsat 4 and 5	5-6
5-3	Non-Concrete Runway at McCarran International Airport	5-7
5-4	Concrete Runway at McCarran International Airport	5-8
5-5a	Land Classification at Nellis Air Force Base.....	5-9
5-5b	Runway at Nellis Air Force Base.....	5-10
5-6	Native Desert	5-11
5-7	Natural Drainage.....	5-12
6-1	Unpaved Road Traffic Count Sites.....	6-5
7-1	Overview of 160 Miles of Private Unpaved Roads	7-4
7-2	Example of Unpaved Roads Identified by Aerial Photograph Analysis.....	7-5

TABLES

<u>Number</u>		<u>Page</u>
I	Project Chronology	vii
II	Land Categories	ix
III	Classification Error Matrix	x
IV	Average Daily Traffic Counts	xi
2-1	Study Sites	2-7
2-2	Ground Truthing Locations	2-11
2-3	Wind Erodibility Group (WEG) Categories for Selected Ground Truthing Areas	2-17
2-4	Erodibility Ground Truthing Results	2-19
3-1	Satellite Features Landsat TM vs. IKONOS vs. QuickBird	3-4
4-1	Issues and Resolution	4-7
4-2	Risk Area, Impact, and Mitigation	4-8
5-1	Area of Land Categories	5-4
5-2	Error Matrix	5-13
5-3	Accuracy Assessment	5-14
6-1	Unpaved Roads Selected for Traffic Counts	6-3
7-1	Average Daily Traffic Counts	7-3
8-1	Land Categories	8-1

ACKNOWLEDGEMENT

This project involved a close collaboration between the contractor team and the Clark County DAQEM Project Team. The outcome would not have been possible without the guidance and technical advice received from the Project Officer Mr. Rodney Langston and the other members of the team, John Koswan, Russ Merle, Chuck Richter, and Michael Uhl. The Clark County GIS Management Office was also critical to the success. Mr. Clint Woods and Ms. Sharon Rice provided invaluable assistance in providing and interpreting the large database of maps, road layers, and other information needed for this project. A special thanks to Chuck Richter whose practical knowledge of the County and its road network and construction activity was essential to the ground truthing effort.

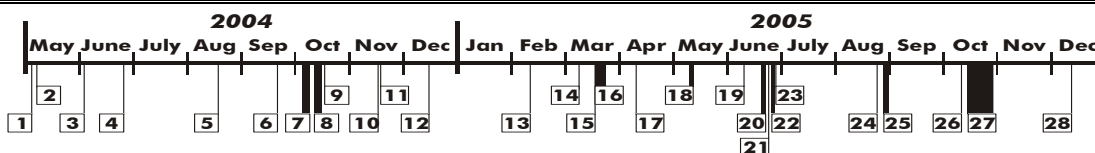
EXECUTIVE SUMMARY

Wind blown dust from vacant land is a significant source of PM-10 emissions in the semiarid Las Vegas Valley. The potential of vacant land to emit PM-10 during high wind events is related to soil stability at the surface, which depends on land characteristics. The purpose of this study was to develop an inventory of native desert land, disturbed vacant land, stabilized vacant land, and private unpaved roads in Hydrographic Basin 212 (HB 212) containing the Las Vegas Valley, as defined by Nevada State Plane coordinates.

Table I presents a time line, or project chronology, for significant milestones over the 20-month duration of this project.

TABLE I. PROJECT CHRONOLOGY

Item	Date	Activity
1	May 4, 2004	Kickoff Meeting and Preliminary Windshield Surveys
2	May 7, 2004	Obtained Spring 2004 Aerial Photography
3	June 2, 2004	Draft Work Plan
4	June 25, 2004	Revision 1 Work Plan – changed from PEP groups to WEG field training site selection methodology test procedures
5	August 18, 2004	Project Briefing
6	September 20, 2004	Revision 2 Work Plan – add Uhl methodology for vegetation WTE
7	October 6 – 8, 2004	Selected sites in North and South pilot areas
8	October 11 – 13, 2004	Took soil samples North and South
9	October 15, 2004	Revision 3 WP – defined pilot test areas
10	November 18, 2004	IKONOS Flyover for North Test Area
11	November 19, 2004	Groundtruthing North Test Area
12	December 14, 2004	Project Briefing and Project Hold– due to wet weather and wet soil conditions
13	February 9, 2005	Obtained Fall 2004 Aerial Photography
14	March 7, 2005	Project Briefing and Changed from IKONOS to Landsat approach. Reviewed North Pilot area results.
15	March 18, 2005	Selected Asphalt Sites and Gravel Sites for Further Classification
16	March 18 – 23, 2005	Groundtruthing for Asphalt and Gravel Sites
17	April 8, 2005	Revision 4 Work Plan – Change to Landsat Imagery
18	May 10-11, 2005	Attended WRAP Conference in Palm Springs
19	June 10, 2005	Met with GIS Management Office to Get Road Layers for unpaved roads
20	June 23 - 24, 2005	Selected 24 New Training Sites Throughout HB 212
21	June 26, 2005	Landsat Flyover
22	June 27 – 28, 2005	Groundtruthing
23	June 28, 2005	Obtained Road Layers from GIS Management Office
24	August 26, 2005	Project Briefing – reviewed classification of HB212 with Landsat
25	August 29 – 31, 2005	Selected Road Segments for Counting
26	October 10, 2005	Final Work Plan for Road Traffic Counts
27	October 13 – 29, 2005	Conducted Traffic Counts
28	December 13, 2005	Project Briefing, Review Draft Report



The methodology for developing this inventory used multi-spectral satellite imagery and ground truthing to develop unique spectral signatures that allowed mapping of land areas of the stated surface characteristics within HB 212. The important conclusions drawn by the investigators are as follows:

- The Landsat satellite imagery is more cost-effective for this purpose than high spatial resolution imagery, and avoids classification errors due to confounding from small pixel size.
- Aerial photography is an important tool to supplement imagery.
- There is far less unstable land in the Las Vegas Valley than previously thought.
- Soil chemistry is an important variable in classification of disturbed, unstable land.
- Erodibility is not closely correlated with Wind Erodibility Groupings (WEG), but more so the condition of the surface.
- The enforcement of regulations controlling construction-related dust has significantly decreased unstable land across the Valley.

The inventory of land areas based on soil stability using satellite imagery is based on a computer algorithm called supervised classification. This algorithm requires a suite of “training sites” that are representative of the various soil stability categories, or classes. The training sites were established through aerial photography and field evaluation, ensuring that the training sites accurately represented the soil stability categories. Additional subcategories such as urban landscape, wash areas, and concrete were developed primarily to eliminate these areas from the overall land area of interest and enhance accuracy. Several classification schemes were evaluated, but the Mahalanobis distance scheme proved to be the most effective for this particular project.

It was not feasible to classify the disturbed unstable vacant land category directly because the training sites exhibited a variation in signatures which is believed to be attributable to differences in soil chemistry. A large expanse of disturbed unstable area might provide a more reliable signature, but no such large areas existed. Therefore, the percentage of disturbed unstable vacant land was derived by inference – when all other land cover types (native desert, urban, etc.) were classified, then the remaining unclassified pixels represent an upper bound on the amount of disturbed unstable vacant land.

Table II summarizes the land classifications for HB 212 derived from the classified imagery based on the Landsat view of June 26, 2005.

TABLE II. LAND CATEGORIES

Land Category	Percent of HB 212	Square Kilometers
Native Desert	47.6	1,897.1
Disturbed Unstable Vacant Land	Less than 1.1	Less than 45.3
Disturbed Stable Vacant Land	3.1	122.8
All Other	48.2	1,918.6

The “all other” category includes wash areas (9%), concrete (0.7%), urban area (4.8%), vegetation (0.9%), and barren shadow (32.8%). Barren shadow is largely comprised of mountainous and/or rock areas plus shadowed areas. The amount of disturbed unstable vacant land is significantly less than previously reported. This is attributed to several factors:

1. A probable over-estimation in the past given the qualitative methods available at that time.
2. The success of the enforcement program requiring contractors to utilize stabilization techniques during construction.
3. The higher than average rainfall in the Valley during 2004 and 2005.

An accuracy assessment was performed to quantify the success of the supervised classification. Reference or validation sites were derived from field observations, and also were obtained from aerial photography and map data. An error matrix indicates the mapping accuracy of each soil stability category by showing the percent of correctly classified pixels.

Table III provides the error matrix for the classification process. Error matrices are very effective representations of map accuracy because the individual accuracies of each map category are plainly described along with both the errors of inclusion (commission errors) and errors of exclusion (omission errors) present in the map. A commission error occurs when an area is included in an incorrect category. An omission error occurs when an area is excluded from the category to which it belongs. Overall accuracy is the sum of the major diagonal (i.e., the correctly classified pixels or samples) divided by the total number of pixels or samples in the error matrix (Congalton and Green, 1999). The overall accuracy for the classification of HB 212 in this project is 89% (313/350).

TABLE III. CLASSIFICATION ERROR MATRIX

	B/S	Concrete	DS	Veg	Wash	Urban	ND	Row Total
B/S	43					6		49
Concrete		45						45
DS		5	50		18			73
Vegetation				50				50
Wash					31			31
Urban	7				1	44		52
ND							50	50
Column Total	50	50	50	50	50	50	50	350

A second phase of the project involved the identification of unpaved roads in HB 212 which were not already in the Clark County GIS. Roads were identified through 2-foot pixel aerial photography supplemented by field surveys. By definition, roads had to be a minimum of 22 feet wide. A total of 160 miles of unpaved roads were identified. A sample of 30 road segments was selected on which to perform traffic counts. The 30 segments were selected to be representative based on usage. All 30 segments were in the urban area and in areas of expanding home building. Average daily traffic (ADT) counts by segment are summarized in Table IV.

The reader is advised to read the entire report because there were many areas of complexity and judgments throughout the project that cannot be adequately reflected in this Executive Summary. The reader is also referred to the glossary for definition of terms unique to this field.

TABLE IV. AVERAGE DAILY TRAFFIC COUNTS

Site No.	Traffic Count Data							Counter	ADT	
	Sun	Mon	Tues	Wed	Thur	Fri	Sat			
1	6	13	22					EQ01	13.7	
2	9	27	23					J 1	19.7	
3	21	60	54					J 2	45.0	
4	Construction area - Road extremely active with earthmoving equipment - Did not use									
5&6	12	32	28					J 3	24.0	
7	23	24	26					EQ02	24.3	
8	50	140	89					J 5	93.0	
9 a	34	32	29					J 4	31.7	
9 b	34	36	28					EQ03	32.7	
10	27	28	79					J 7	44.7	
11	203	493	511					J 8	402.3	
12	Did not use									
13	40	43	53					J 6	45.3	
14					96	105	80	J 8	93.7	
15 a					249	172	208	J 7	209.7	
15 b					189	153	177	EQ03	173.0	
16	Berm added (Dirt) - Access to unpaved road blocked									
17					58	84	137	EQ02	93.0	
18					16	12	28	J 6	18.7	
19					33	33	30	J 5	32.0	
20					17	18	26	EQ 01	20.3	
21					4	4	7	J 4	5.0	
22					45	43	43	J 3	43.7	
23					13	20	12	J 2	15.0	
24					89	73	53	J 1	71.7	
25					11	15	5	J 3	10.3	
26					70	45	61	J 2	58.7	
27					6	7	10	J 1	7.7	
28	Old pavement - broken up - did not use									
29	Did not use									
30	Dead End street = did not use									
31					68	61	19	J 6	49.3	
32 a					10	12	1	J 4	7.7	
32 b					10	9	2	EQ01	7.0	
33					642	693	463	J 5	599.3	
34					11	11	12	EQ02	11.3	
35	Did not use									
36 a					91	76	50	J 1	72.3	
36 b					84	74	56	EQ01	71.3	
37					35	33	23	J 7	30.3	
38					3	3	0	J 8	2.0	
	ADT Excluding Sites 11, 15, and 33 (ADT >150)									36.4
	ADT Including Sites 11, 15, and 33 (ADT >150)									73.2

1.0 INTRODUCTION

1.1 Background

The Las Vegas Valley is one of the fastest growing metropolitan areas in the nation. The population expanded from about 400,000 in 1980 to 1.4 million in 2000 (U.S. Census Bureau, Census 2000). As of April 2005, the population of the entire Las Vegas Valley was about 2 million people. The cities of Las Vegas, North Las Vegas, and Henderson are located in the Las Vegas Valley within Clark County, in the southern tip of Nevada.

The city estimates a new home is completed every 20 minutes, as 5,000 people move to Las Vegas every month. Las Vegas is currently building 88 new schools, and the number of hospitals has tripled in the past several years. Commercial building activity maintains pace with new shopping centers, warehousing, service stations, casinos and other entertainment, and the full complement of related businesses required to support the population growth.

The U.S. EPA in accordance with the Clean Air Act (CAA) has classified the Las Vegas Valley, also known as Hydrographic Basin 212 (HB 212), within Clark County as a “serious” nonattainment area for PM-10 (particulate matter having an aerodynamic diameter of 10 microns or less). Figure 1-1 illustrates the Hydrographic Basins which are used to define the airsheds within Clark County. HB 212 is sometimes called the “BLM Disposal Area.” The BLM Disposal Area refers to the land which has been sold by the Bureau of Land Management through auction under the Southern Nevada Public Lands Management Act. These Lands represent a smaller subset of HB 212, but they represent the area where most of the anthropogenic activity takes place, and consequently most of the PM-10 emissions. HB 212 includes significant land area that is still largely undeveloped, including mountainous areas. The elevation of the valley floor is about 2,200 feet.

HB 212 has experienced violations of the 24-hour National Ambient Air Quality Standards (NAAQS) for PM-10 that are largely due to windblown dust. During 2002, four high-wind events occurred resulting in exceedances of the PM-10 NAAQS. During 2003, two high-wind events occurred that resulted in exceedances of the PM-10 NAAQS, and during 2004 two high-wind events occurred that resulted in exceedances of the PM-10 NAAQS.

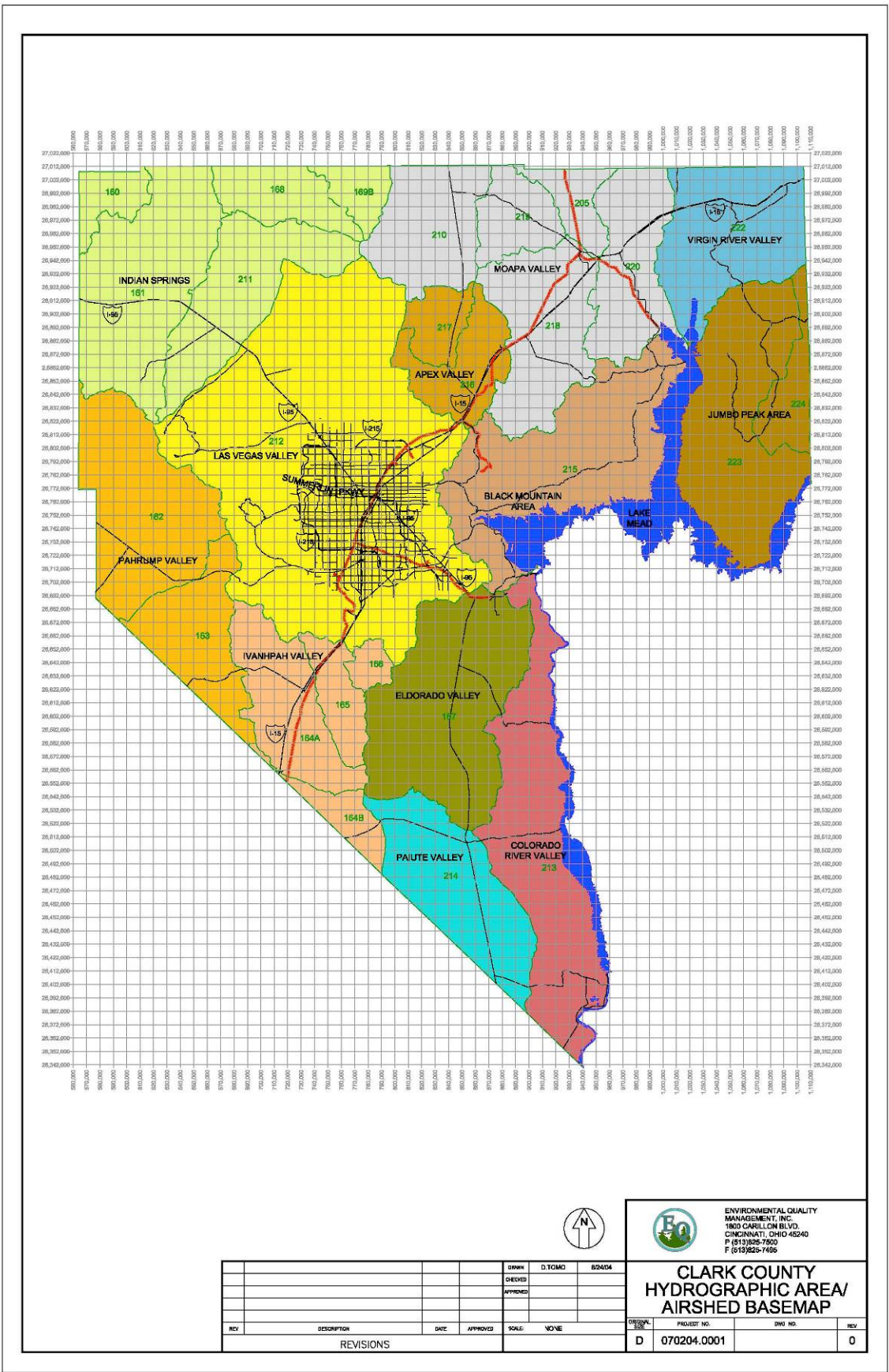


Figure 1-1. Hydrographic Area/Airshed Basemap

Conditions that create high-wind PM-10 exceedances vary from area to area and are based on soil condition (as influenced by precipitation) and wind speed. Wind erosion occurs where natural soil stability has been disturbed by human activities. This is because natural soils have a tendency to form a mineral and organic crust that is resistant to erosion by wind. Human activities can remove or break this crust, allowing dust to become airborne. Even the sparse desert vegetation found in the valley acts as a windbreak and provides some protection to the soil surface. When human activities remove vegetation, the soil is more susceptible to erosion, and as a result, airborne dust is produced.

The purpose of this study was to develop a remote sensing method for inventorying vacant land categories in the Las Vegas Valley. The methodology for developing the inventory used multi-spectral satellite imagery and ground truthing to determine unique spectral signatures for land surface characteristics. Prior studies of land erodibility in arid areas of the West have also been assessed using satellite imagery:

- Owens Lake Revegetation
 - Test for compliance with 50% coverage requirement
 - Use Landsat 7 TM and Quickbird data to characterize extent of vegetation (16 training sites)
- Antelope Valley Blowsand Areas
 - Identify blowsand areas that drive wind erosion of abandoned farmland
 - Use Landsat data to map blowsand areas (8 training sites)

The four main categories of land surfaces considered in this project are: (1) native desert, (2) disturbed and unstable vacant land, (3) disturbed and stabilized vacant land, and (4) private unpaved roads that have not been identified in existing Clark County data. Unpaved roads were identified through high-resolution aerial photography which proved to be more effective than satellite imagery. In addition, private unpaved average daily road traffic (ADT) was determined using traffic counters at selected locations. Both pneumatic and magnetic counters were utilized with data loggers. At each site, traffic counts were obtained over a consecutive 3-day period, including one weekend day.

Stabilized surfaces include rocky soils, soils protected by vegetation, and soils that have re-crusts following disturbance. Unstabilized surfaces include active construction sites and areas traveled by 4-wheel drive and all-terrain vehicles (ATVs) where no rocky surface condition exists and no surface crust has been developed.

The strategy for performing this project utilized a pilot study to assess all elements of data gathering and analysis before proceeding with the main study.

- Pilot Study (two 100-km² areas of HB 212)
 - Utilize limited study area to develop and test predictive algorithms derived from satellite imagery.
 - Identify training sites for specified land categories.
 - Develop ground truth training sites to verify land surface condition.

- Main Study (Remaining Area of HB 212)
 - Perform supervised classification of satellite imagery for full study area.
 - Identify and characterize verification sites for accuracy assessment of supervised classification.

Given the relatively small contribution of the area outside the BLM disposal area to the overall emission inventory, emphasis was placed on the BLM disposal area because this is where virtually all of the anthropogenic activity takes place to create land disturbances and thereby substantially increases the wind erodibility of the land. The BLM disposal area was therefore viewed as the key to developing an overall emission inventory for open areas and vacant land, for which this study will be used.

1.2 Overview of Methodology

The inventory of land areas for soil stability using satellite imagery was initially to be based on high-resolution imagery from either the IKONOS or Quickbird satellites. Due to the many uncertainties that had to be resolved in obtaining imagery, evaluating various classification algorithms, and correlating imagery to actual conditions on the ground, it was decided to utilize a pilot study of relatively small areas before attempting to study the entire hydrographic basin which consists of 1,524 square miles. Another important factor was the high cost of high-spatial resolution imagery which ranges from \$35-\$40/km².

During the evaluation of the first pilot area, the designated North Area (Figure 1-2), imagery from the IKONOS satellite was used as well as Landsat imagery for comparison. This analysis revealed that the greater resolution of IKONOS actually was a complicating factor in classification of the larger land areas of interest because of large pixel-to-pixel variation. Landsat, however, provided an inherent averaging of the minor variations in surface conditions

across its 30-m pixel size. In addition, Landsat has six visible/near-IR spectral bands compared to IKONOS's four bands.

One of the important conclusions from the pilot study was that the small pixel size and limited spectrum of this high-resolution imagery actually confounded the classification algorithms. It was then determined that the Landsat satellite (specifically Landsat 5 TM) would not only provide better classification for this project, but also provided imagery at a fraction of the cost. This will result in significant future savings for the County as the process is repeated.

Any classification algorithm requires a suite of "training sites" which are representative of the particular soil stability categories being studied. The training sites were established through aerial photography and field evaluation, thereby ensuring that the training sites accurately represent the soil stability categories. Each site had to be uniform, accessible, and clean of debris. (Additional subcategories such as urban landscape, concrete, and wash areas were ultimately developed to increase the accuracy of the classification.)

The ground truthing was initially performed as part of the Pilot Study focused on two 100-km² pre-selected areas within HB 212 containing land surface conditions and private roads representative of the four specified erodibility classifications and the eight WEG categories as shown in Figure 1-2. Some training sites were used to develop the spectral signatures and others were used as verification sites for testing the reliability of the spectral signatures. These training sites were approximately 60 m x 60 m. The Pilot Study was used to develop the most efficient ways to perform supervised classification before final classification was attempted. The Pilot Study also allowed the Project Team to evaluate and refine the ground truthing methodology and data collection forms, and understand the complexities of satellite imagery acquisition. The imagery was obtained when there had not been a rain event within the past 7 days. Ground truthing was completed within 48 hours of imagery acquisition to ensure the conditions did not change between the time the imagery was obtained and the ground measurements were taken.

After the Pilot Study was successfully completed, the most recent Landsat satellite imagery was purchased. This set of satellite imagery was processed to complete the inventory of vacant land. Twenty-four additional training sites were then used to develop the classification algorithms over wider expanses of HB 212.

The initial focus was on the 12 USDA soil texture categories and the different wind erodibility groups (WEG). The soil groups are based on a set of parameters collected during a

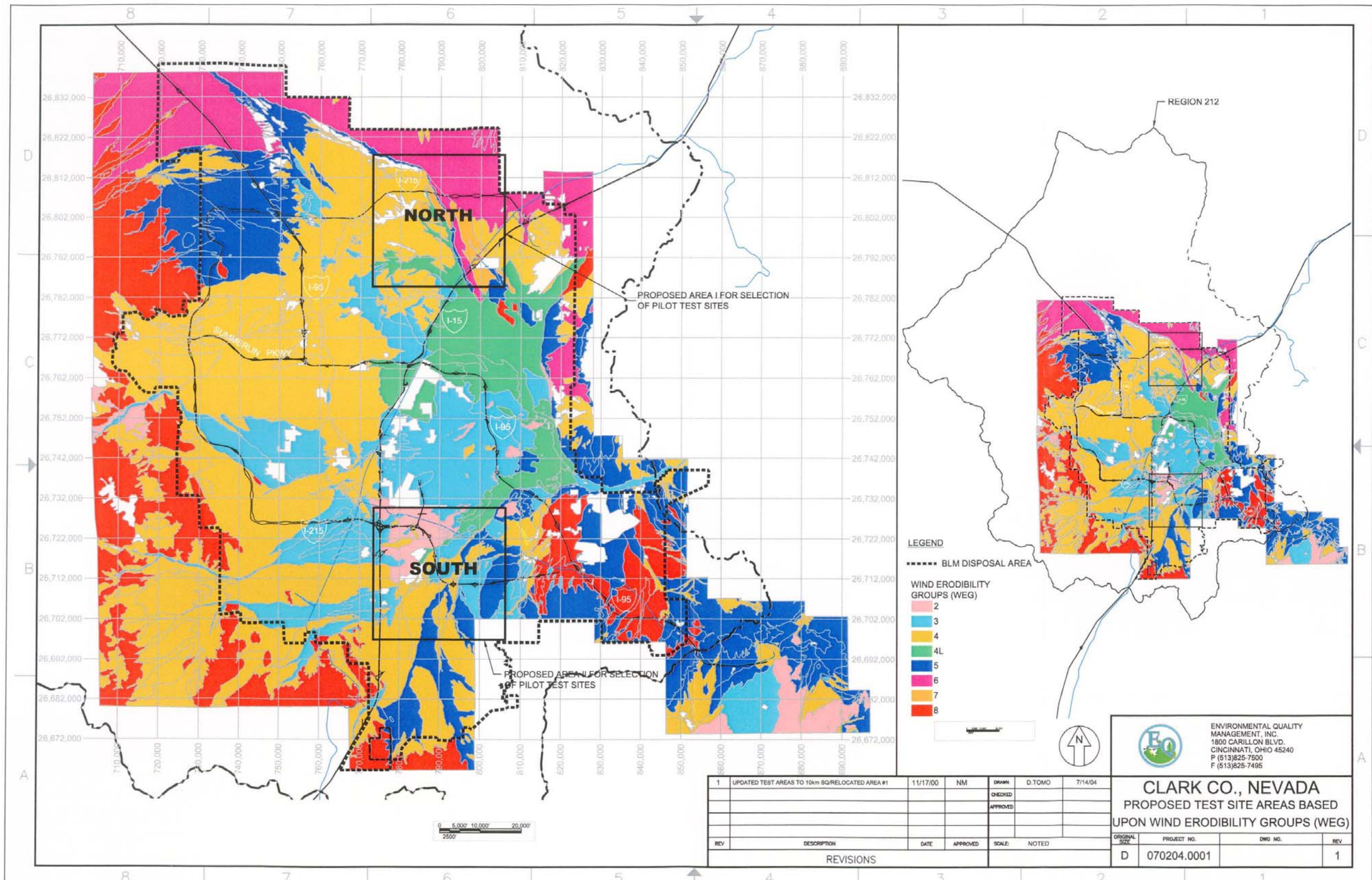


Figure 1-2. Proposed Test Site Areas Based Upon Wind Erodibility Groups (WEG)

comprehensive soil survey conducted by Speck and McKay in the early 1980s.¹ Training sites were selected to represent the WEG categories to determine if classification of the imagery could detect differences by WEG. One soil sample was taken at each site from the surface to a depth of 3 inches and analyzed for silt, clay, and sand by a geotechnical laboratory in Las Vegas (Geotechnical and Environmental Services, Inc.). The results of the testing did not correlate well with the WEG mapping of Speck and McKay. One reason may be the difference between conventional soil classification data which focuses on soil at depth versus the study of windblown dust which is a surface phenomenon. It was further determined that differences in WEG could not be accurately classified through the imagery.

Selection of sites was based on Wind Erodibility Groups (WEG) consistent with Speck and McKay and the previous wind tunnel tests by Dr. James² and the emission inventory approach developed by MacDougall and Uhl.³ Suspended wind-blown dust was estimated by James using an empirical formulation derived from a series of field observations made with a mobile wind tunnel over a representative set of "wind-erodible" soils and soil conditions. Soils covering eight distinct wind erodibility groups were sampled in the Las Vegas Valley, and the results of this study are provided in Appendix C.

The phenology of vegetation in the region was also studied to determine chlorophyll concentrations during the course of the year. It was initially believed that chlorophyll might enhance satellite recognition of vegetation because of the distinct signature it provides relative to un-vegetated areas. In the end, no specific conclusions could be drawn regarding the optimum

¹SIP June 2001 PM₁₀ State Implementation Plan for Clark County, Appendix B - Emission Inventories, Methodology, Emission Factors, and Emission Estimates, Page B-37 Native Desert Fugitive Dust, and Appendix C – Section II, Estimation of Valley-Wide PM₁₀ emissions using UNLV 1995 wind tunnel-derived emission factors, 1998-1999 emission factors, revised vacant land classifications, and GIS-based mapping of vacant lands, – Draft Final Report, David James, et al., Civil and Environmental Engineering Department, University of Nevada Las Vegas, dated September 12, 2000.

²SIP June 2001 PM₁₀ State Implementation Plan for Clark County, Appendix B - Emission Inventories, Methodology, Emission Factors, and Emission Estimates, Page B-37 Native Desert Fugitive Dust, and Appendix C – Section II, Estimation of Valley-Wide PM₁₀ emissions using UNLV 1995 wind tunnel-derived emission factors, 1998-1999 emission factors, revised vacant land classifications, and GIS-based mapping of vacant lands, – Draft Final Report, David James, et al., Civil and Environmental Engineering Department, University of Nevada Las Vegas, dated September 12, 2000.

³ MacDougall, C. R. and M.F. Uhl. 2002. *Empirical method for determining Fugitive dust emissions from wind erosion of vacant land: "The MacDougall Method."* Clark County Department of Air Quality Environmental Management.

time of year for imagery acquisition. A more significant factor for obtaining imagery was clear weather conditions with minimal haze.

The effect of the nadir angle was determined to not be as significant as previously thought due to imagery technology and software enhancements since 2000. A larger angle actually provides more opportunities for image acquisition. Figure 1-3 illustrates the relationship of the geometry of satellite imagery.

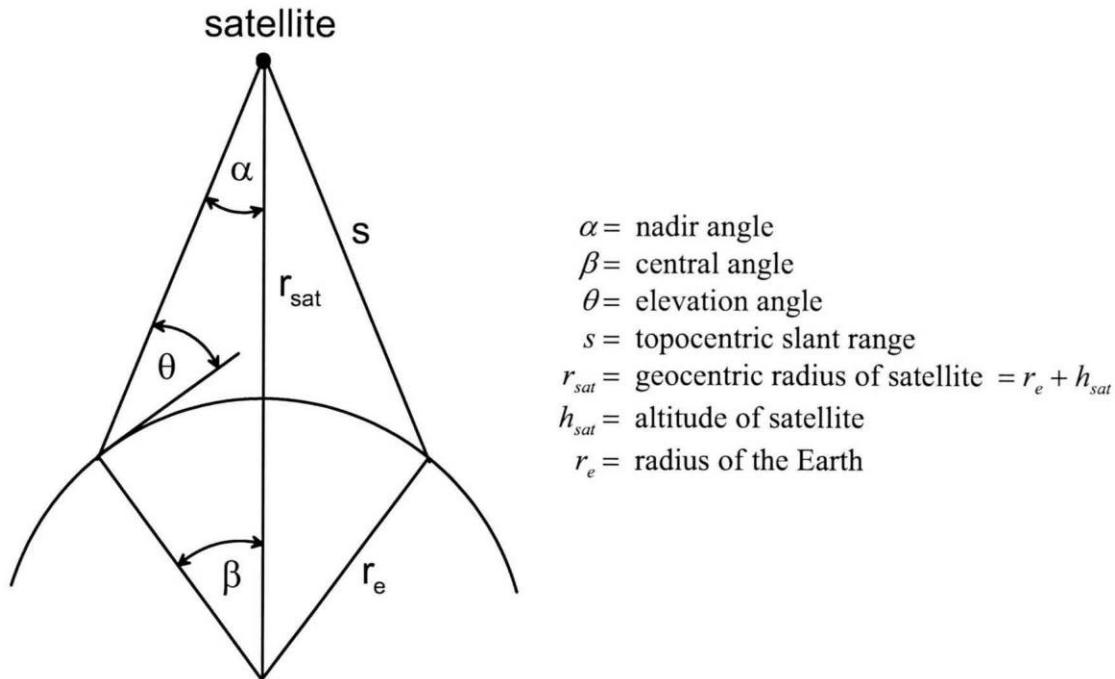


Figure 1-3. Coverage Geometry of a Satellite in Orbit Above a Spherical Planet with a Nadir-Pointing Conical Sensor or Field-of-View

An accuracy assessment was performed to quantify the success of the supervised classification. Reference or validation sites were derived from field observations, and also from aerial photography and map data. An error matrix was developed to indicate the mapping accuracy of each soil stability category by showing the percentage of correctly classified pixels.

2.0 TRAINING SITE SELECTION AND CHARACTERIZATION

This section describes the selection and characterization of training and verification sites for the Pilot Study. Ground truthing tests document gradations of erodibility for the sites selected as representative for each specific category of land inventoried. Three different field test procedures were used to confirm the erodibility of a particular soil surface area as described in Clark County Air Quality Regulations Section 90.4: drop ball, rock test, and threshold friction velocity test.

The number and size of training sites was based upon the number of soil stability categories, the degree of variation within a category, and the pixel size of the satellite imagery. For example, native desert is considered a composite category and multiple training sites were needed to fully capture this variability (vegetation and desert pavement). The actual number of training sites for the study was selected through an iterative process between the field crew and the image analyst. Thirty sites were selected as training sites: 15 in the northern pilot area and 15 throughout Hydrographic Area 212.

Ground truthing tests documented the gradations of erodibility for the sites that were selected as representative for each specific category of land to be inventoried. (The categories of vacant land included in this study are native desert, disturbed stabilized, and disturbed unstabilized.) The drop ball test, rock test, and threshold friction velocity test were used to confirm the erodibility of a particular soil surface area. Field data was collected during dry conditions (i.e., no precipitation for a period for at least 5 to 7 days prior to collection of field data). Weather data for the project was obtained from the National Weather Bureau, the Clark County Flood Control rain gauge data, and local weather reports. These vacant land categories are defined as follows:

- Native desert: desert land in its natural state with no evidence of disturbance by anthropogenic activities. Native desert is characterized by (a) stable soil that is highly consolidated and (b) natural vegetation that is scattered across the surface except in wash areas with rocky surfaces. Typically native desert soil is impregnated with small rocks that in conjunction with natural mineralogical cementation, form a desert pavement. In any case, the soil is crusted so that it passes the ball drop test (i.e., the

ball does not penetrate the crust and form a crater containing loose dust). Even if there are small soil areas that do not pass the drop ball test, these areas are likely to pass the rock test (more than 20 percent coverage with non-erodible elements such as rocks or stones larger than 1 cm). Finally, any pockets of loose soil are likely to pass the threshold friction velocity test (TFV equal to or greater than 100 cm/sec). It should be noted that small amounts of loose dust may have been deposited on stable soil crust (especially in wind-depletion shadows of vegetative structures) during or after high wind events; such amounts, however, are usually much smaller than the minimum (significance threshold) required for the TFV test.

- Disturbed unstable vacant land: native desert that has been disturbed by removal of vegetative groundcover and soil surface layers such that the natural crust on the soil is destroyed. Typically this occurs in association with construction or other land development activities. Disturbed unstable land by definition is characterized by unstable soil, i.e., unconsolidated soil that is unprotected against wind erosion. In order to classify vacant land as disturbed unstable, the soil must fail all three tests conducted in sequence: the drop ball test, the rock test, and the TFV test.
- Disturbed stable vacant land: native desert that has been disturbed by removing natural crusts and vegetation and re-stabilized by natural phenomena or anthropogenic measures. Disturbed stable land by definition is characterized by stable soil, i.e., soil that is protected against wind erosion. If the soil is sufficiently rocky (such that it passes the rock test or the TFV test), it remains stable, even immediately after mechanical disturbance. If the soil is not sufficiently rocky, it may take years to reform a stable surface by natural processes, or the soil may be stabilized after the next rain event. Non-erodible surface cover (e.g., vegetation or soil stabilizers of a physical or chemical nature) can be applied to stabilize the soil immediately, but stabilizers may lose effectiveness in time. In order to classify vacant land as stable, it must pass only one of the drop ball drop tests, the rock test, or the TFV test. When these tests are conducted in sequence, one passing test negates the need for performing any additional tests.

Figure 2-1 presents a decision tree for vacant land classification.

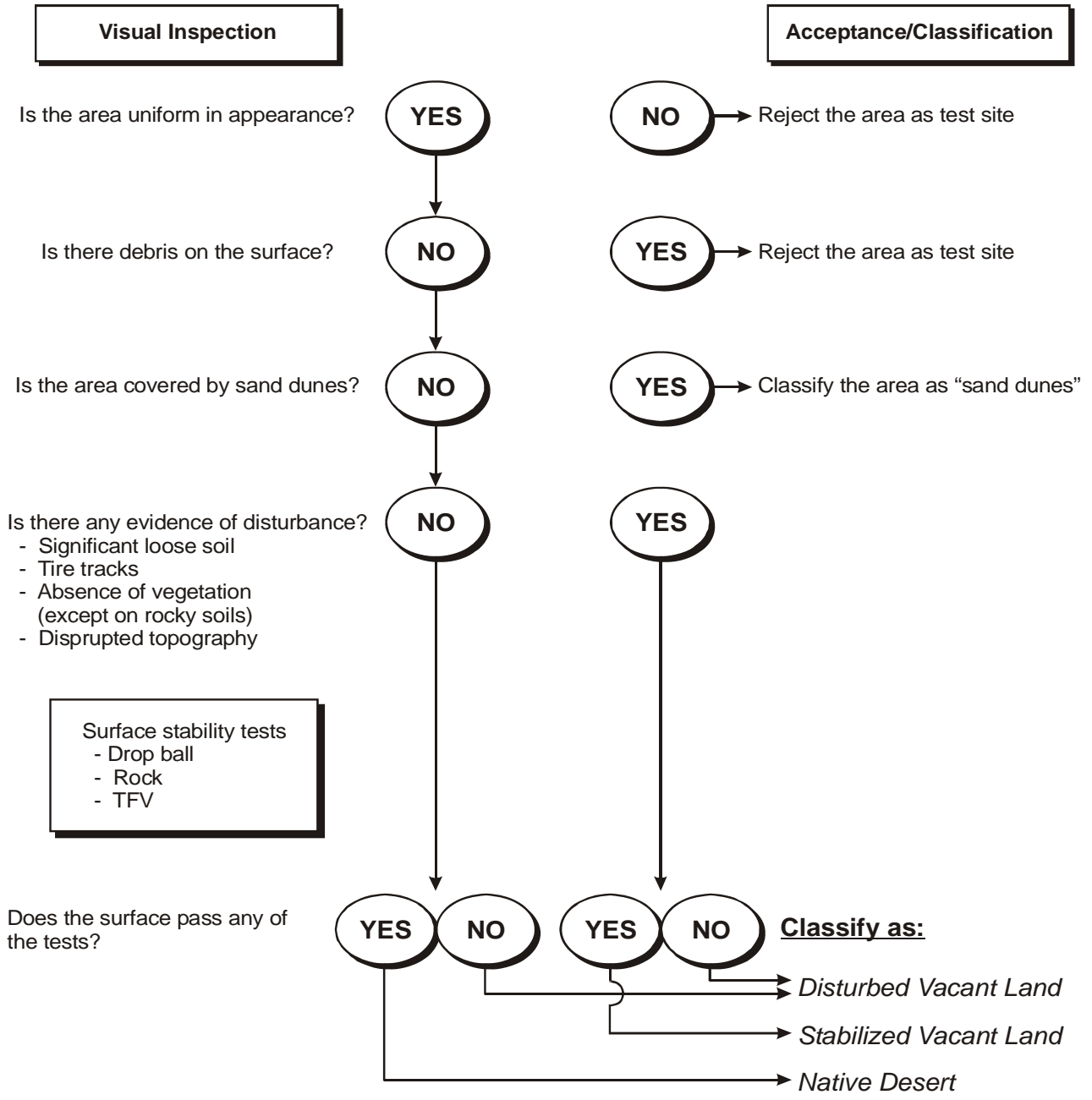


Figure 2-1. Decision Tree for Vacant Land Classification

2.1 Site Selection Methodology

Surveys were made to visually evaluate and access site conditions, uniform areas of sufficient size, and other factors at potential training sites. Windshield surveys were performed to locate potential training sites. Aerial photographs from the Clark County GIS files were also reviewed with the County to evaluate site locations. Clark County DAQEM representatives provided site suggestions and assistance in selecting the training sites.

In addition to field observations, another resource used to select test sites was the soil classification schemes such as the USDA Soil Textural Triangles and the USDA Wind Erodibility Groups (WEG) used for the characterization of vacant land and determining fugitive dust emissions using emission factors based on wind tunnel data. The WEG groups, however, were developed to characterize total soil movement rather than PM-10 emissions. PM-10 emission potential is more related to clay particles which have less mobility than the larger particles that make up sand and silt.

The sites were located within the BLM disposal area (Figure 1-2) because of its dominance in the estimated wind generated emission inventory for Hydrographic Area 212. Most land outside the BLM Disposal area consists of native desert, and therefore was not selected for training sites. Sites were selected by the WEGs based on the soil classifications and aerial photographs annotated with the WEGs as shown in Figure 2-2. Bulk soil samples were taken in the first phase of the pilot study at a depth of 3 inches and analyzed for silt, sand, and clay content to verify the WEG and classify the ground truthing sites relative to the soil textural triangle.

Thirty locations with uniform surface characteristics were selected as training sites to determine their relative potential wind erodibility using the procedures outlined in Section 2.3. These test locations were used either for training or validation of the remote sensing algorithms. (Some additional validation sites were selected and evaluated from available aerial photography. For example, native desert land could be identified from photography representing large areas (many pixels) and of obvious uniform characteristics. Such sites could then be compared to the corresponding satellite imagery classification.)

Two initial study areas were selected to represent the full range of WEG groups (Figure 2-3). Fourteen additional sites were selected outside of these areas to complete the ground truthing. (Please see Table 2-1 for the total number and type of ground areas that were characterized.)

Aerial Photo 17705 (South Site)

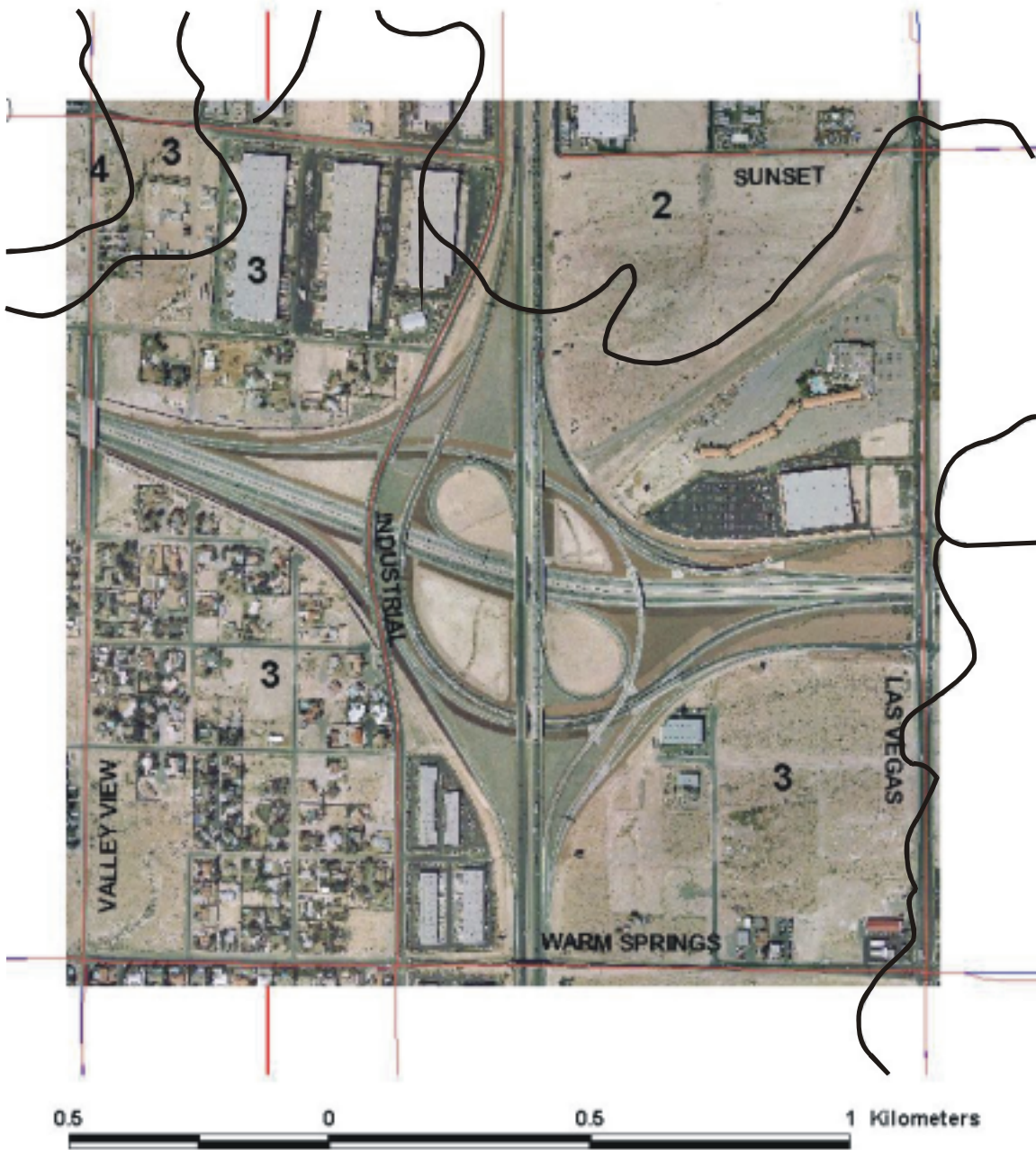


Figure 2-2. Example Map Labeled with Wind Erodibility Groups

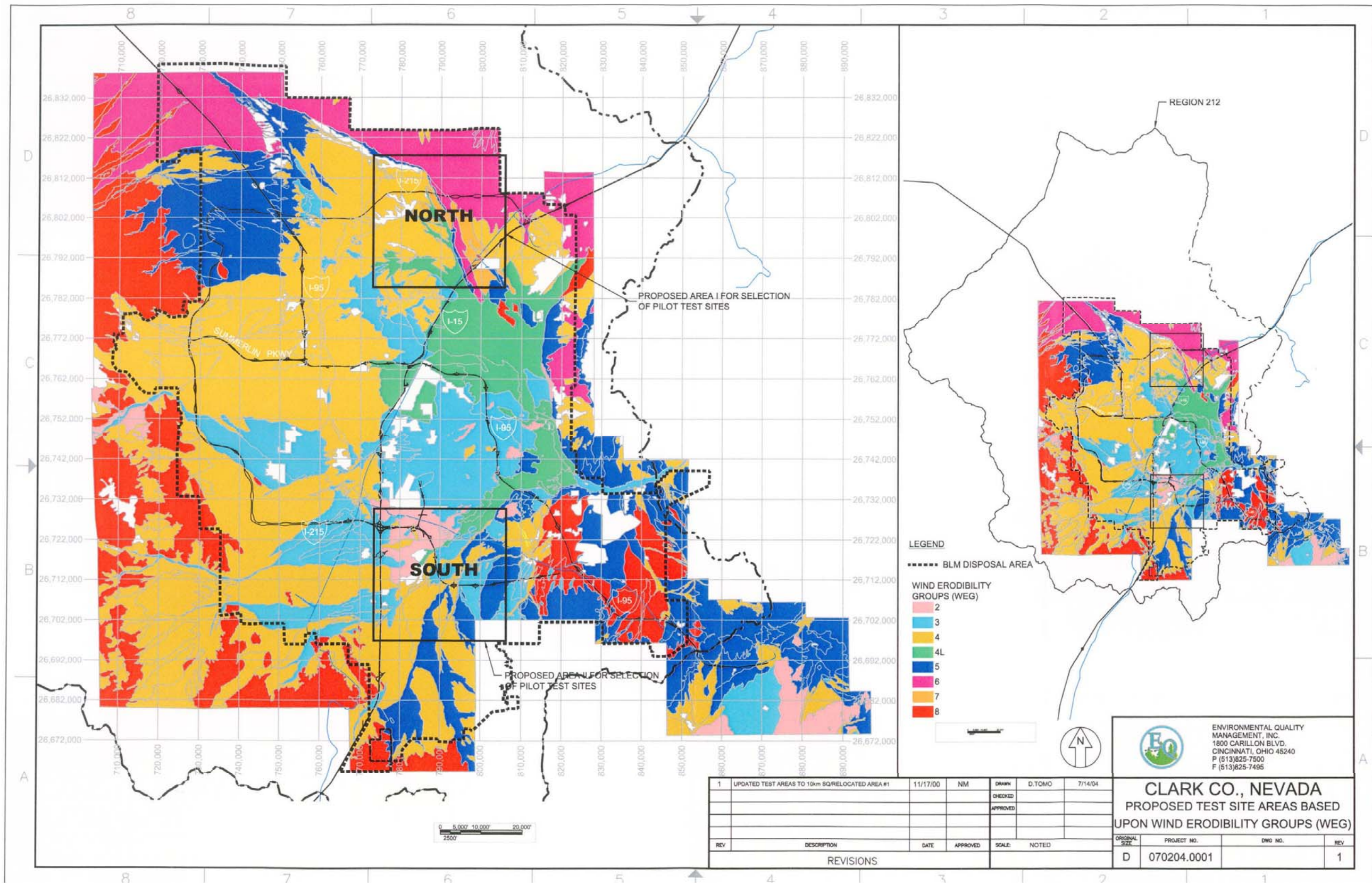


Figure 2-3. Proposed Test Site Areas for Pilot Study

TABLE 2-1. STUDY SITES

Type of Land Surface	No. of Sites (spanning major WEGs)
Disturbed unstable land	4
Native desert	5
Disturbed stable land	18
Unvegetated rocky surface (e.g., washes)	10 (by Aerial Photographs)
Anthropogenic areas: urban landscaping and asphalt	10 (by Aerial Photographs)
Unpaved roads	30
Water soaked areas (construction watering or heavy rains)	4

Site inspections performed in this study indicated a high degree of difficulty in locating disturbed unstable land. The selected test locations were used either for training or validation of the classification algorithms. Ground truthing was typically conducted within 24 hours of verified image acquisition.

2.2 Site Characterization Selection Methods and Results

2.2.1 Site Selection

In the north pilot study area, training and verification test locations were selected to represent surface uniformity over an area of at least 60 m x 60 m in size. Approximately 15 test areas were characterized for ground truthing. In the south study area and other Hydrographic area 212 training sites, the primary tools for site selection were aerial photography and recommendations from Clark County DAQEM, with no prescribed limits as to how large a site could be, as long as uniformity of surface conditions was verified by site inspection.

Once the satellite imagery was collected over an area, ground truthing was performed at each of the applicable test sites within 48 hours following the generation of the images, as long as atmospheric conditions were acceptable. It was critical to minimize the time between imagery collection and ground truthing in order to minimize the likelihood of uncontrolled events changing the land surface. Such events included rainfall, wind events, or human activity disturbing the surface. To limit the effort that was required in the 48-hour period after the recording of the satellite images, the test surfaces were preselected as described above, and surveyed in advance. Within the 48-hour period, visits were made to each pre-selected site to perform the ground truthing inspection. If the site changed during the brief period between the initial survey and actual testing, the site was reclassified. For example, if a stable site had

become disturbed by human activity, we reclassified the site as disturbed unstable. Digital photographs were taken during ground truthing at each site to document soil condition, vegetative cover, and surrounding land area.

Specific ground truthing methods were used to classify each pilot study site into one of the three specified vacant land categories. It was important that each ground truthing site was sufficiently homogeneous that its entire ground surface fit the characteristics on only one of the three vacant land categories. In addition no debris from construction or other activities was present at a ground truthing site. Dry runs of the ground truthing procedures were done to refine the approach and determine the time required for implementation.

Twelve ground truthing sites were selected for the pilot study on October 6 through 8, 2004, and 15 additional sites were selected on June 16 and 17, 2005. Fifteen test sites were selected in the north pilot test area, and 12 sites were selected in the south test area and throughout the BLM area of Hydrographic Basin 212. The test sites were selected based on WEG soil categories and land category (i.e., native desert, disturbed stable, and disturbed unstable land). The pilot study was performed using the sites in the north pilot area. Due to weather delays (rain and wet ground), most of the sites (10) in the south area were not used and other sites were added. All ground truthing sites were inside HB 212. Figures 2-4 and 2-5 show the test sites selected for the north pilot area, and the locations of the remaining test sites. Table 2-2 lists the locations and classifications of these sites.

2.2.2 Site Characterization Methods

During ground truthing, three interior test areas measuring 1 m x 1 m were visually selected at each test site to be representative of the overall site. (Figure 2-6 shows an illustrated view of what a typical test site should look like, and Figure 2-7 depicts an actual test site used in the study, with the 1-m² squares denoted in red.) Each 1-m² square was characterized by using the following methods:

The drop ball test, the rock test, and the threshold friction velocity (TFV) test were performed as described in Section 90 of the Clark County Air Quality Regulations. The TFV was done only when applicable, i.e., when there was sufficient loose material on the surface to perform the test and when the rock cover test failed. In addition, an enhanced version of the drop ball test using a five-point scale was used to better characterize the soil crust.

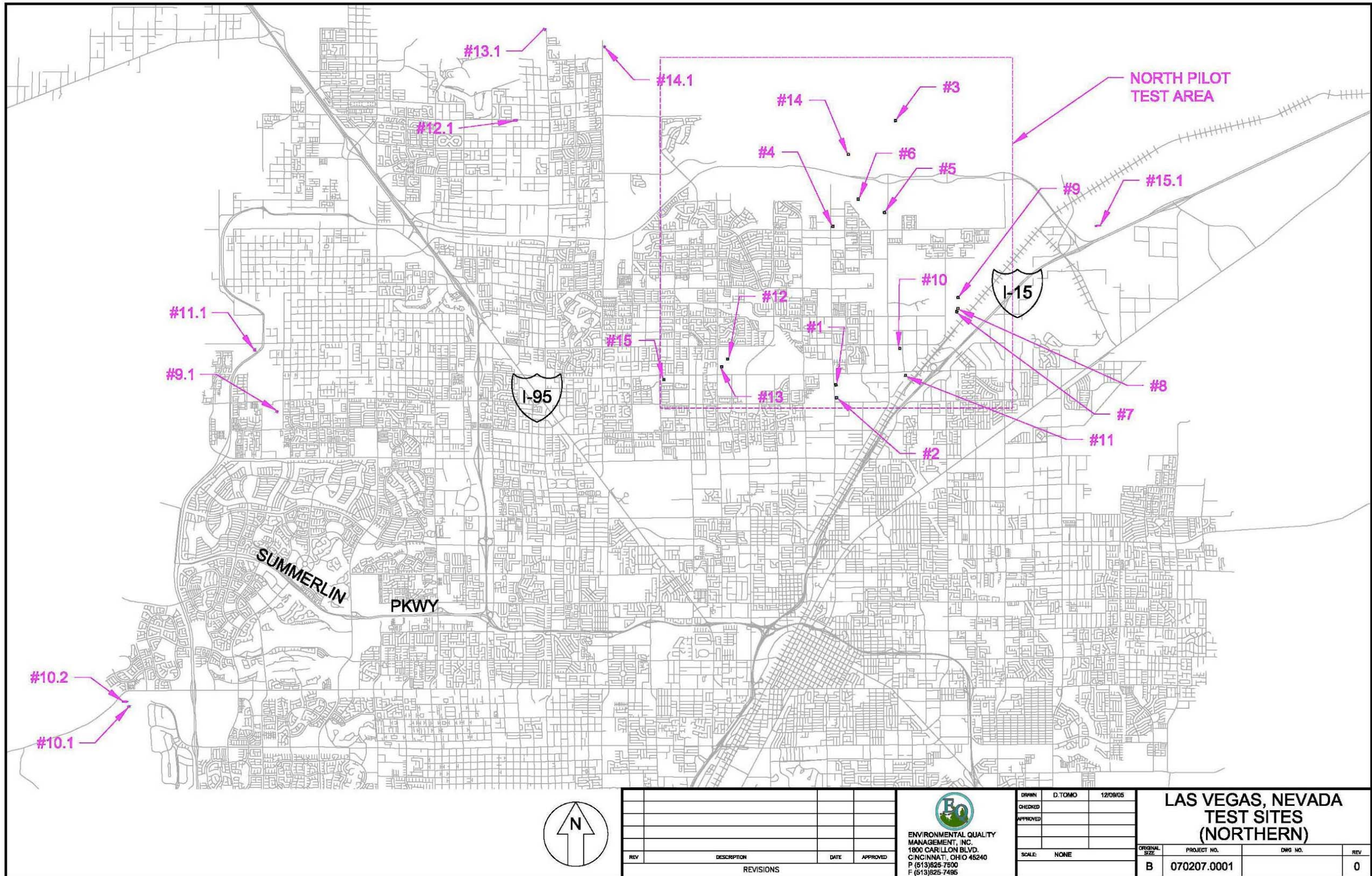


Figure 2-4. Test Sites (Northern)

<table border="1"> <tr> <td>REV</td> <td>DESCRIPTION</td> <td>DATE</td> <td>APPROVED</td> </tr> <tr> <td colspan="4">REVISIONS</td> </tr> </table>				REV	DESCRIPTION	DATE	APPROVED	REVISIONS				<p>ENVIRONMENTAL QUALITY MANAGEMENT, INC. 1800 CARILLON BLVD. CINCINNATI, OHIO 45240 P (513)825-7500 F (513)825-7485</p>	DRAWN: D. TOMO CHECKED: APPROVED: SCALE: NONE	12/08/05 NONE	LAS VEGAS, NEVADA TEST SITES (NORTHERN)		
REV	DESCRIPTION	DATE	APPROVED														
REVISIONS																	
		ORIGINAL SIZE: B PROJECT NO.: 070207.0001 DWG NO.: REV: 0															

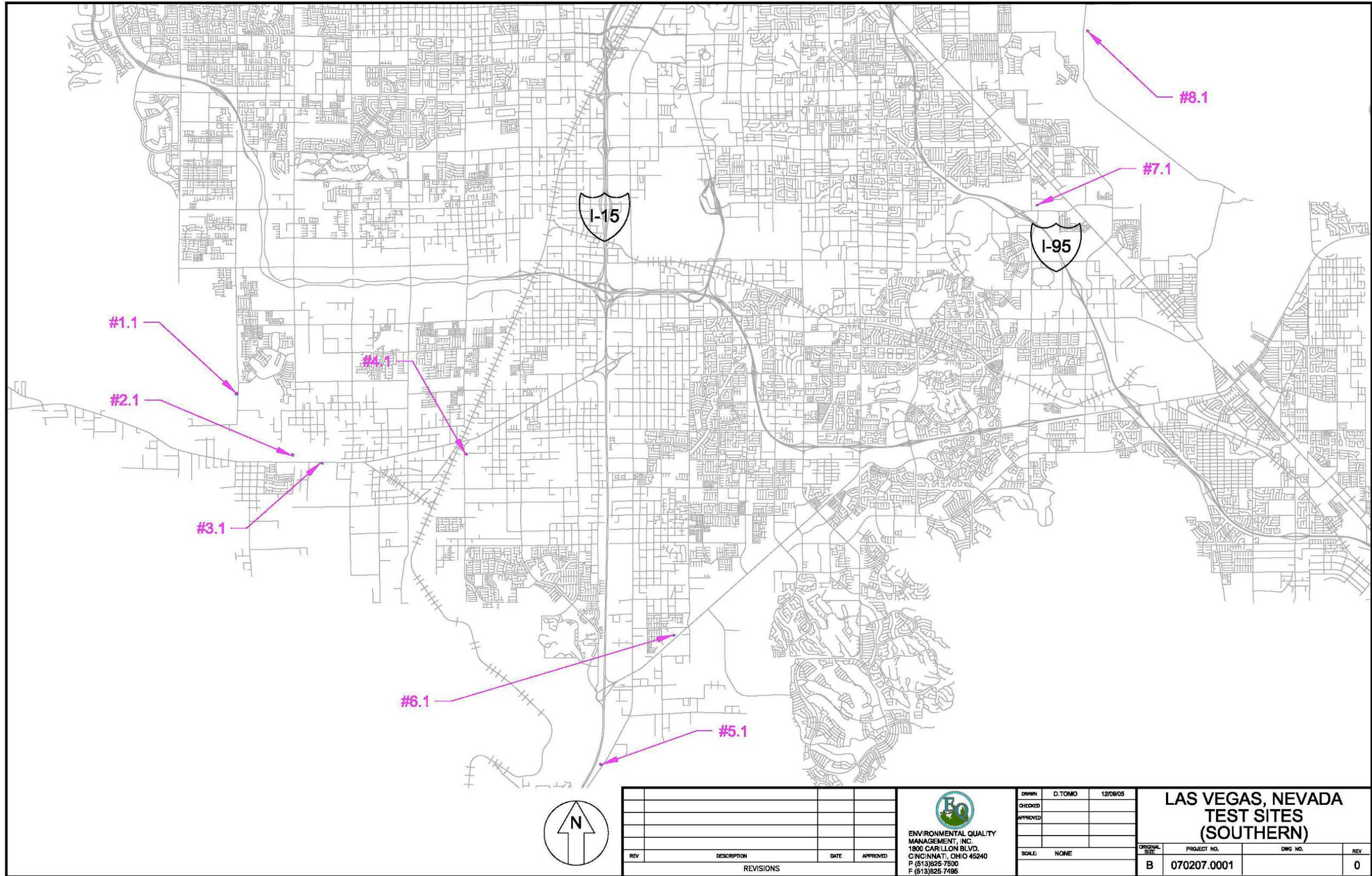
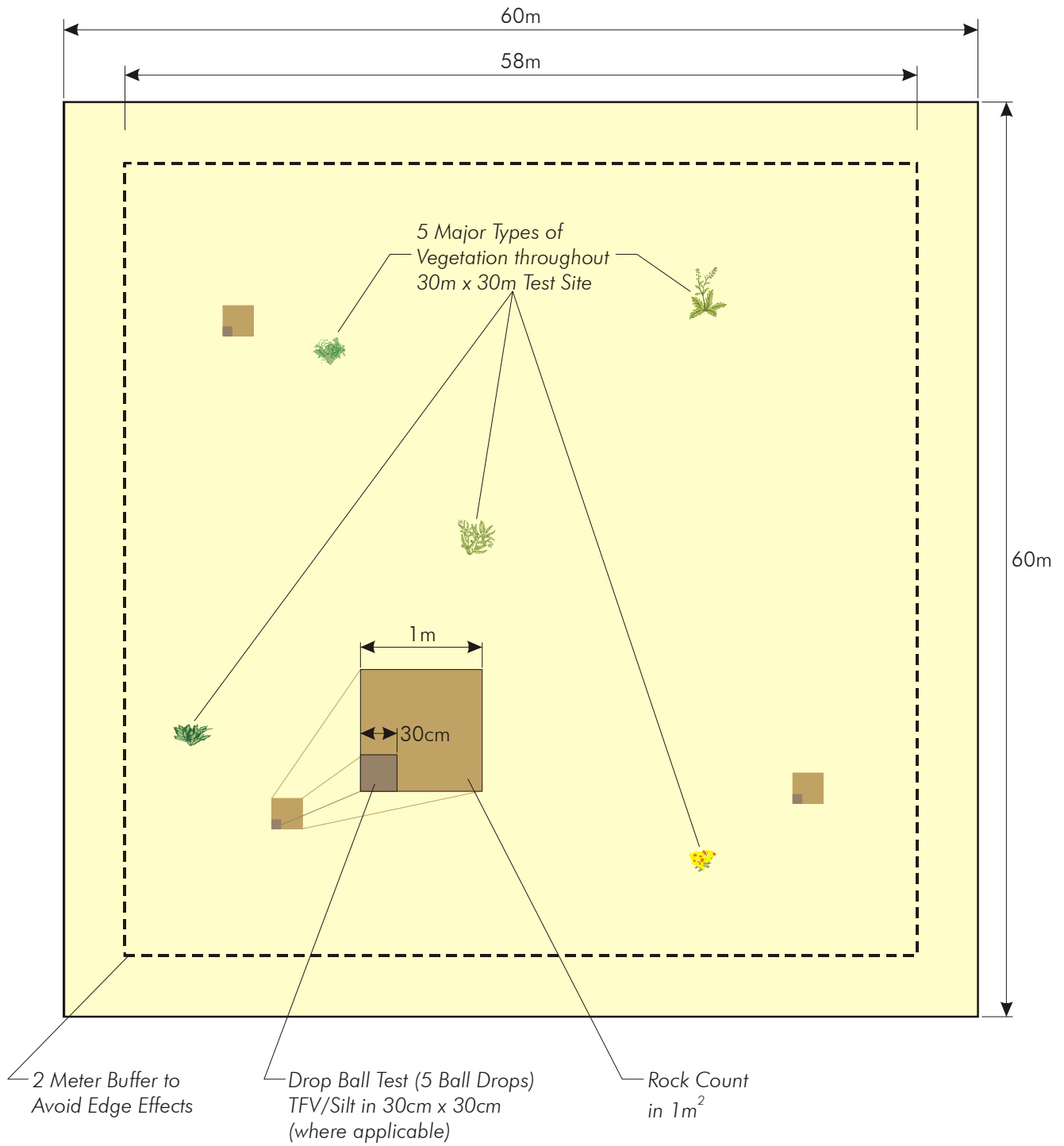


Figure 2-5. Test Sites (Southern)

TABLE 2-2. GROUND TRUTHING LOCATIONS

Sample Area	Site No.	Location	Date Ground Truthing	Disturbed Stabilized	Disturbed Unstable	Native Desert	GPS Coordinates		GPS Coordinates		GPS Coordinates		GPS Coordinates	
							SW corner	NW corner	NE corner	SE corner	SW corner	NW corner	NE corner	SE corner
North	1	N. 5th Street and Craig Road North section of vacant lot	11/18/04	X			007-88-666 E 267-88-258 N	007-88-883 E 267-88-282 N	007-88-940 E 267-88-084 N	007-88-723 E 267-88-030 N				
North	2	N. 5th Street and Craig Road South section of vacant lot	11/18/04	X			007-88-759 E 267-87-062 N	007-88-967 E 267-87-077 N	007-88-993 E 267-86-861 N	007-88-759 E 267-86-832 N				
North	3	N. Losee, North of 215	11/19/94			X	007-94-261 E 268-12-941 N	007-94-471 E 268-12-950 N	007-94-489 E 268-12-749 N	007-94-288 E 268-12-706 N				
North	4	N. 5th Street and Centennial	11/19/04	X			007-88-415 E 268-03-056 N	007-88-618 E 268-03-073 N	007-88-626 E 268-02-865 N	007-88-415 E 268-02-849 N				
North	5	N. Losee, South of 215	11/19/04			X	007-93-225 E 268-04-335 N	007-93-438 E 268-04-377 N	007-93-461 E 268-04-125 N	007-93-258 E 268-04-132 N				
North	6	Deer Springs and Lawrence Northwest corner	11/19/04	X			007-90-801 E 268-05-609 N	007-91-005 E 268-05-633 N	007-90-997 E 268-05-397 N	007-90-792 E 268-05-397 N				
North	7	E. Washburn Road and N. Pecos Road	11/19/04	Construction watering - Site saturated			007-99-979 E 267-95-114 N	008-00-230 E 267-95-045 N	008-00-181 E 267-95-841 N	007-99-982 E 267-94-909 N				
North	8	E. Washburn Road and N. Pecos Road	11/19/04	Construction watering - Site saturated			008-00-087 E 267-95-398 N	008-00-287 E 267-95-393 N	008-00-293 E 269-95-196 N	008-00-087 E 267-95-202 N				
North	9	E. Washburn Road and N. Pecos Road	11/19/04			X	008-00-125 E 267-96-432 N	008-00-324 E 267-96-432 N	008-00-326 E 267-96-223 N	008-00-124 E 267-96-224 N				
North	10	E. Lone Mountain Road and Berg Street	11/19/04	X			007-94-658 E 267-91-649 N	007-94-857 E 267-91-652 N	007-94-873 E 267-91-457 N	007-94-664 E 267-91-451 N				
North	11	Craig Road East of Losee	11/18/04	X			007-95-213 E 267-89-140 N	007-95-412 E 267-89-134 N	007-95-403 E 267-88-933 N	007-95-211 E 267-88-939 N				
North	12	Craig Road and Clayton Street, North of Canal	11/19/04			X _{high veg}	007-78-588 E 267-90-687 N	007-78-792 E 267-90-683 N	007-78-790 E 267-90-478 N	007-78-596 E 267-90-485 N				
North	13	Craig Road and Clayton Street, NE Corner	11/19/04			X _{low veg}	007-78-042 E 267-89-955 N	007-78-246 E 267-89-960 N	007-78-243 E 267-89-757 N	007-78-040 E 267-89-755 N				
North	14	Retention Basin, N. Losee, North of 215	11/19/04	X			007-89-870 E 268-09-769 N	007-90-070 E 268-09-759 N	007-90-068 E 268-09-561 N	007-89-867 E 268-09-563 N				
North	15	Craig Road and Allen Lane, SE Corner	11/19/04	X _{almost native}			007-72-648 E 267-88-742 N	007-72-845 E 267-88-740 N	007-72-848 E 267-88-539 N	007-72-646 E 267-88-541 N				
South	1.1	Fort Apache & Long Boat Key Ave. - SW corner	6/28/05	X			007-40-541 E 267-15-444 N	007-40-546 E 267-15-653 N	007-40-734 E 267-15-641 N	007-40-721 E 267-15-423 N				
South	2.1	Durango & Blue Diamond Rd. - NW corner	6/28/05	Standing water			007-45-790 E 267-09-757 N	007-45-810 E 267-09-931 N	007-45-993 E 267-09-904 N	007-45-966 E 267-09-694 N				
South	3.1	Cimmoner & Blue Diamond Rd. - SW corner	6/28/05	X			007-48-426 E 267-09-016 N	007-48-424 E 267-09-112 N	007-48-699 E 267-09-088 N	007-48-711 E 267-08-991 N				
South	4.1	Jones & Oleta - SE corner	6/28/05	H2O	H2O		007-62-011 E 267-09-813 N	007-62-017 E 267-09-966 N	007-62-159 E 267-09-973 N	007-62-197 E 267-09-813 N				
South	5.1	Las Vegas Blvd. & St. Rose Pkwy. (SR 146) - Across from auction lot	6/28/05			X	007-74-541 E 266-80-885 N	007-74-626 E 266-81-024 N	007-74-844 E 266-80-950 N	007-74-747 E 266-80-817 N				
South	6.1	St. Rose Pkwy. (SR 146) & Bermuda - W of Vegas Rock	6/28/05	X			007-81-487 E 266-92-883 N	007-81-394 E 266-266-93-002 N	007-81-566 E 266-93-078 N	007-81-618 E 266-92-992 N				
South	7.1	Stephanie & Russell Rd. - NE corner	6/28/05	X			008-15-364 E 267-33-089 N	008-15-360 E 267-33-176 N	008-15-555 E 267-33-204 N	008-15-557 E 267-33-119 N				
South	8.1	Hollywood & Desert Inn Rd. - NE corner	6/28/05			X	008-20-087 E 267-49-352 N	008-20-111 E 267-49-506 N	008-20-286 E 267-49-479 N	008-20-256 E 267-49-310 N				
North	9.1	Hualapai & Alexander (N of Cheyenne) - Lone Mountain WRB	6/27/05	X			007-36-472 E 267-85-530 N	007-36-535 E 267-85-732 N	007-36-699 E 267-85-658 N	007-36-660 E 267-85-491 N				
North	10.1	2-15 & Charleston - Red Rock WRB	6/27/05	X			007-22-673 E 267-57-957 N	007-22-637 E 267-58-125 N	007-22-875 E 267-58-154 N	007-22-832 E 267-57-992 N				
North	10.2	2-15 & Charleston - Red Rock WRB	6/27/05			X	007-22-150 E 267-58-456 N	007-22-160 E 267-58-586 N	007-22-670 E 267-58-569 N	007-22-643 E 267-58-494 N				
North	11.1	2-15 & Lone Mountain - Quarry	6/27/05	X			007-34-415 E 267-91-250 N	007-34-407 E 267-91-445 N	007-34-583 E 267-91-514 N	007-34-634 E 267-91-237 N				
North	12.1	Torrey Pines & Grand Teton - SW corner - S of school	6/27/05	X			007-58-698 E 268-12-737 N	007-58-692 E 268-12-891 N	007-59-046 E 268-12-894 N	007-59-035 E 268-12-747 N				
North	13.1	N. Jones & N of Iron Mountain @ end of road	6/27/05			X	007-61-455 E 268-21-260 N	007-61-479 E 268-21-382 N	007-61-730 E 268-21-366 N	007-61-679 E 268-21-161 N				
North	14.1	N. Decatur and Iron Mountain - NE corner	6/27/05	X			007-67-118 E 268-19-544 N	007-67-108 E 268-19-758 N	007-67-274 E 268-19-739 N	007-67-279 E 268-19-560 N				
North	15.1	Range Rd. & 2-15 - NE of Army Nat. Guard - section of unpaved road	6/27/05			X	008-13-041 E 268-02-906 N	008-13-035 E 268-02-985 N	008-13-526 E 268-03-003 N	008-13-543 E 268-02-920 N				



Example Test Site (Three 1m² Test Areas, at Each Site)

Figure 2-6. Example Test Site

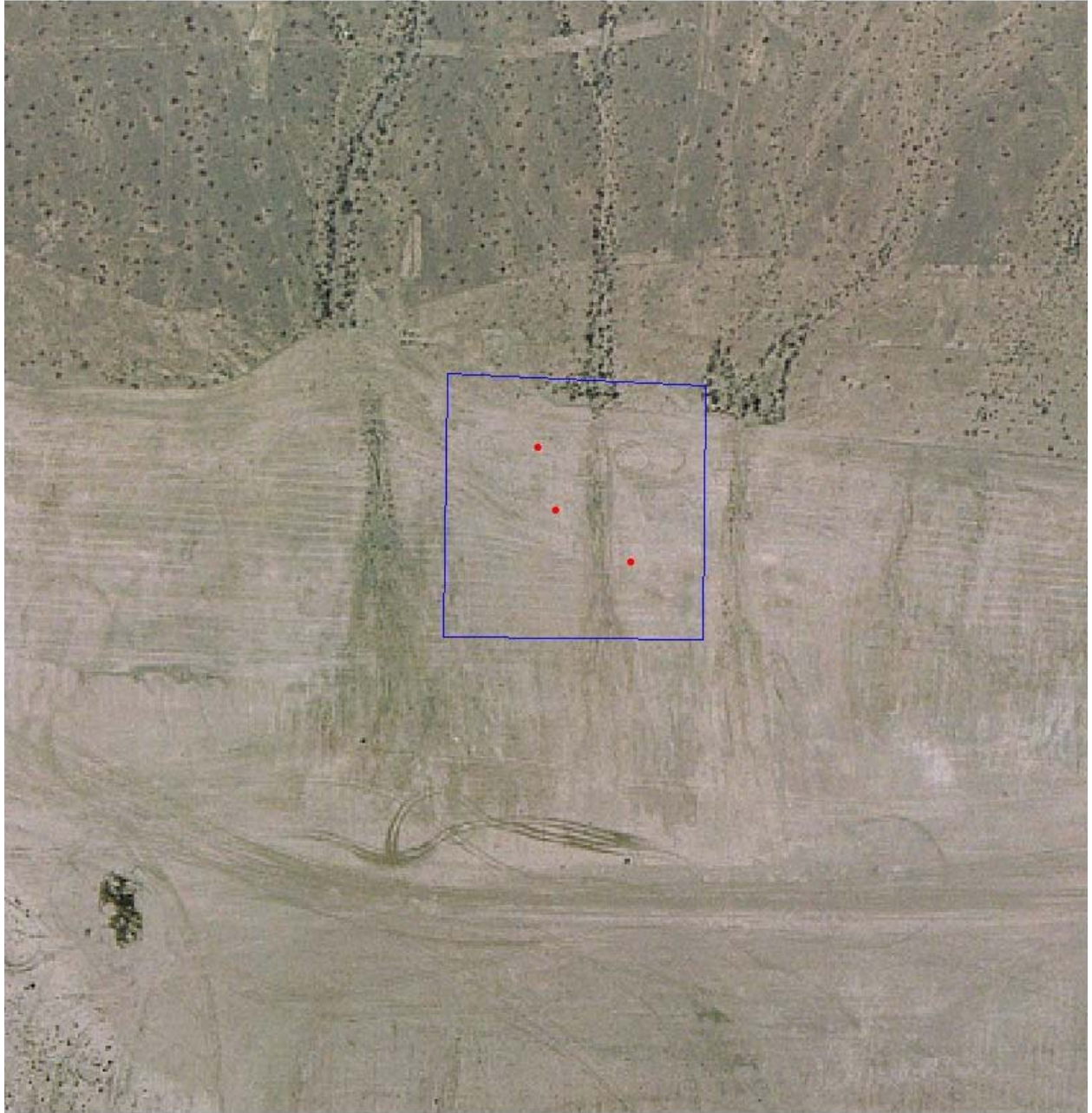


Figure 2-7. Aerial Photo Showing One Training Site and Soil Test Locations

Each test site was tested three times each in representative areas, as discussed below for the drop ball, rock test, and TFV tests. Within each test area, the drop ball test was done five times in a 30-cm x 30-cm (1-foot) square area in the lower left-hand corner of the 1-meter square area, the rock cover test was done one time, and the TFV was done one time, as applicable. The average of the replicate tests was used to characterize each training site. All field sheets completed during ground truthing are available in Appendix D and summarized in Table 2-2. Each ground truthing method is described below and included in Figure 2-6.

Drop Ball Test

In addition to the regulatory pass-fail drop ball test, the drop ball test was scored on a 5-point scale as follows:

Drop Ball Penetration Index

1. Surface consists of powdery soil with no clods.
2. No crust on surface, but clods are present.
3. Ball breaks/penetrates crust leaving a powdery crater.
4. Ball leaves dimple in crust.
5. Ball does not penetrate crust.

As shown in Figure 2-6, the drop ball test was performed within a 30-cm x 30-cm (about 1 square foot) area within each of the three 1-square-meter areas at each test site. Within this 30-cm x 30-cm area, the ball was dropped three times and assigned both a pass-fail score as well as a drop ball penetration index (1 through 5) for each drop. The sample area passed if at least two of three drops indicated sufficient crust, meaning the ball does not sink into the surface. This is represented by a penetration index of 4 or 5.

Rock Test

The rock test was used to indicate surface stability by estimating the rocks and other nonerodible elements on a given disturbed surface. Such elements provide a degree of wind resistance and decrease erodibility. Vegetation was not counted as a nonerodible element. The 1-meter by 1-meter square area was used for the rock test. Within this 1-meter square area, rocks with a diameter greater than 1-cm were mentally grouped into small, medium, and large size categories and the number of rocks were counted in each group. This is a visual qualification process, but generally the classification is:

Small = 1 to 2 cm
Medium = 2 to 4 cm
Large = > 4cm

Following the count, one or two typical rocks were selected in each group, and the actual length and width measured to determine an average size of each category. The average area of the small, medium, and large size rocks were multiplied by the estimated number of rocks in each category, and the total area of each size category was then divided by two to estimate the frontal area of the rocks. This calculation determines the percent of estimated rock cover. The surface was considered stable if the rock cover exceeded 20%.

Threshold Friction Velocity Test

To perform the threshold friction velocity test, sieves were used with screen sizes of 4 mm, 2 mm, 1 mm, 0.5 mm, 0.25 mm. They were attached in size order with the larger screen sizes on top and the catch pan on the bottom. For this test, only loose surface dust up to a depth of 1 cm (other than sandy areas, most loose surface dust will not be present at a depth of 1 cm) was collected over an area of at least 30 cm by 30 cm. The test was not conducted for hard, non-erodible surfaces where little or no loose material exists. Prior to sieving the dust, rocks larger than 1-cm in diameter were removed. The dust was then placed on top of the sieve stack, the stack covered, and rotated at least 20 circular arm movements (10 clockwise and 10 counterclockwise). Following the sieving, the stacked sieves were separated and the relative quantities of each catch were inspected. After a visual determination was made of the sieve catch with the greatest volume, Table 1 of Section 90 of Clark County Air Quality Regulations was used to determine TFV provided in Appendix E. The TFV was corrected for non-erodible elements using Table 2-1 of Section 90 of the Regulations (Appendix E). The silt content was estimated using a fractional part of the sieve pan contents as described in the Clark County Air Quality Regulation Section 91.4.1.2 (Appendix F).

Vegetation

The extent of vegetative cover (vegetation density) was estimated for each training site. The umbrella and height of the vegetation was recorded and the percent of vegetative cover for each site was visually estimated. This was done by dividing the site into quadrants and using a 6-foot step ladder to get a visual perspective of the area. The predominant species was also

identified. This data was used for background information and possible insight into differences in imagery that could be caused by differing greenness of each species at various times of year. Digital photo documentation was taken at each site.

A literature search was conducted on the subject of discriminating vegetative cover relative to the greenness of vegetation. The chlorophyll cycle of vegetation in the Mohave species is complicated, but can generally be characterized as short cycles of greenness occurring shortly after rainfall. It is optimal to wait 5-7 days after a rainfall to avoid the effects of rain on soil conditions.

A literature search was conducted on phenology, but no quantitative data was found. Qualitative information sources all agree that chlorophyll peaks during the rainy season, and desert plants quickly decrease activity in the summer.

Soil Texture

Overall, soil texture classification (e.g., wind erodibility groups or WEGs) is typically based on sampling down to a depth of several feet and may not be a good predictor of the erodibility of the surface soil that is exposed to the wind. Field sampling to characterize the textural classification of the soils at the ground truthing sites was beyond the scope and funding of this project.

Fifteen soil samples were collected and analyzed from the test sites in the north pilot area and 10 from the south pilot area. These samples were submitted to Geotechnical and Environmental Services (GES) in Las Vegas to determine sand, silt, and clay analysis. The samples were taken from the top 3 inches of the surface. Samples were placed in 1-quart cans and transported with a chain-of-custody form. Table 2-3 summarizes the GES lab results for the percentage of sand, silt, and clay content of these 25 samples. The calculated WEG group for each soil shown in the “Lab WEG” column is based on the laboratory results and the application of the WEG Soil Triangle in the Uhl/MacDougall paper, “Determining Aeolian Fugitive Dust Emissions for the Western U.S.: Methodologies and Assumptions). The WEG for each site based on the existing maps are shown in the “Map WEG column.” Note that only 3 of the 25 mapped WEGs and laboratory-determined WEGs agree (Sites 4 and 9 in the North area and Site 7 in the South area). Also note that adjacent Sites 7 and 8 in the North area (the sites eliminated from ground truthing because of construction activity and the water-saturated condition of the soil from watering) show very different soil types, i.e., WEG 7 and WEG 4.

**TABLE 2-3. WIND ERODIBILITY GROUP (WEG) CATEGORIES
FOR SELECTED GROUND TRUTHING AREAS**

Sample Area	Site No.	Map WEG	Lab WEG	Laboratory Soil Analysis, %			Native Desert	Disturbed Stabilized	Disturbed Unstable
				Sand	Silt	Clay			
North	1	4L	6	25.5%	56.7%	17.8%		X	
North	2	3	3	62.2%	24.4%	13.4%		X	
North	3	6	4L	52.3%	37.1%	10.6%	X		
North	4	4L	2	54.2%	25.0%	20.8%		X	
North	5	7	2	59.8%	14.1%	26.1%	X		
North	6	7	5	24.5%	58.7%	16.8%		X	
North	7	7	7	11.1%	79.7%	9.2%		X	
North	8	7	4	28.5%	21.2%	50.3%		X	
North	9	4	4L	47.0%	42.7%	10.3%	X		
North	10	5	4L	40.6%	40.3%	19.1%		X	
North	11	5	3	61.2%	25.4%	13.4%		X	
North	12	4L	6	3.1%	69.4%	27.5%	X _{high veg}		
North	13	4L	3	60.8%	28.3%	10.9%	X _{low veg}		
North	14	6	4L	51.1%	35.2%	13.7%		X	
North	15	3	4L	48.6%	28.5%	22.9%		X _{almost native}	
South	1	Sand	1	78.5%	5.9%	15.6%	X		
South	2	3	1	86.9%	-0.2%	13.3%	X		
South	3	4	1	88.1%	-1.8%	13.7%			X
South	4	3	2	79.0%	-3.9%	24.9%			X
South	5	3	2	72.1%	5.3%	22.6%		X	
South	6	2	1	80.9%	3.6%	15.5%	X		
South	7	2	2	66.2%	13.2%	20.6%		X	
South	8	8	3	71.1%	10.4%	18.5%	X		
South	9	8	3	67.2%	20.3%	12.5%		X	
South	10	5	3	73.3%	11.3%	15.4%	X		

Note: Information in this table is based on Gismo records (MAP WEG) and laboratory results (LAB WEG).
See Figures 2-4 and 2-5 for site locations.
See Appendix G for description of WEG classifications.

2.2.3 Ground Truthing Results

Initial ground truthing began after IKONOS satellite imagery of the north area was collected on Thursday, November 18, 2004. The ground truthing for the North Pilot area was completed by end of day Friday, November 19, well within the 48-hour period allowed. Sites 7 and 8 were not tested because of site preparation for construction activity. A water truck was continuously watering the area, and these two sites were wet with standing water in several places.

Several sites in the South Pilot area were surveyed prior to subsequent IKONOS and Landsat flyovers, but the ground was so wet and hardened by rain from December 2004 through March 2005 that further satellite imagery and ground truthing in the South was halted.

Based on the results of the pilot study of the north area and comparison of the results of the space imagery analysis comparing IKONOS with Landsat 5 TM, the decision was made to use Landsat 5 TM imagery for the remainder of the study. Landsat imagery included additional spectra (7 vs. 4), and the less-detailed resolution of Landsat (30-meter pixels vs. 1-meter pixels) provided an automatic averaging effect that was very effective in avoiding the need to subdivide the feature classes such as native vegetation. Section 3 provides additional rationale for selecting Landsat over IKONOS imagery.

In June 2005 the soil in the Las Vegas Valley was judged to be sufficiently dry to resume ground truthing. Prior to the Landsat imagery of June 26 and July 12 (Landsat TM imagery of the Las Vegas Valley is taken every 16 days), 24 new ground truthing sites, including several in the disturbed unstable category, were selected with the assistance of DAQEM personnel. Table 2-2 shows the ground truthing sites used for this study. Ground truthing was performed at 15 of these sites within 48 hours following each of the Landsat TM flyovers on June 27 and 28 and July 13, 2005. Based on the ground truthing tests of all 30 sites, 3 sites were disturbed unstable, 18 sites were disturbed stable, 5 sites were native desert, and 4 sites were stable with standing water due to construction watering or recent rains. A summary of the results of these tests is presented in Table 2-4.

TABLE 2-4. ERODIBILITY GROUND TRUTHING RESULTS

Site	Site Description	Test Area	Soil Stability				Site Stability, Stable/Unstable
			Drop Ball		Rock Test	TFV	
			P/F	No.			
N-1	Disturbed Stabilized Map WEG 4L Lab WEG 4L Summary	1	P	4	0	NA	S
		2	P	4	<1%	NA	S
		3	P	4	1.20%	NA	S
			P	4	<1%	NA	S
N-2	Disturbed Stabilized Map WEG 3 Lab WEG 3 Summary	1	P	4	<1%	NA	S
		2	P	4	<1%	NA	S
		3	P	5	<1%	NA	S
			P	4	<1%	NA	S
N-3	Native Desert Map WEG 6 Lab WEG 3 Summary	1	P	5	50	NA	S
		2	P	5	>45	NA	S
		3	P	5	50%	NA	S
			P	5	>45	NA	S
N-4	Disturbed Stabilized Map WEG 4L Lab WEG 2 Summary	1	P	5	<1%	NA	S
		2	P	5	<1%	NA	S
		3	P	5	<1%	NA	S
			P	5	<1%	NA	S
N-5	Native Desert Map WEG 7 Lab WEG 2 Summary	1	P	4	40%	NA	S
		2	P	4	40%	NA	S
		3	P	4	45%	NA	S
			P	4	42%	NA	S
N-6	Disturbed Stabilized Map WEG 7 Lab WEG 3 Summary	1	P	4	45%	NA	S
		2	P	4	42%	NA	S
		3	P	4	45%	NA	S
			P	4	44%	NA	S
N-7	Soil saturated with water. Preconstruction site watering being performed. Site stable, no tests run. Map WEG 7 Lab WEG 4L						
N-8	Soil is saturated with water. Preconstruction site watering is being performed. Site is stable, no tests run. Map WEG 7 Lab WEG 1						
N-9	Native Desert Map WEG 4L Lab WEG 3 Summary	1	P	5	42%	NA	S
		2	P	4	35%	NA	S
		3	P	5	45%	NA	S
			P	5	40%	NA	S
N-10	Disturbed Stabilized Map WEG 5 Lab WEG 2 Summary	1	P	4	1.9%	NA	S
		2	P	4	1.0%	NA	S
		3	P	4	0.2%	NA	S
			P	4	1.0%	NA	S
N-11	Disturbed Stabilized Map WEG 5 Lab WEG 1 Summary	1	P	5	<1%	NA	S
		2	P	5	3.8%	NA	S
		3	P	4	0.0%	NA	S
			P	5	1.6%	NA	S
N-12	Nat. Des. Hi Veg. Map WEG 4L Lab WEG 4L Summary	1	P	5	<1%	NA	S
		2	P	5	<1%	NA	S
		3	P	4	<1%	NA	S
			P	5	<1%	NA	S
N-13	Nat. Des. Low Veg. Map WEG 4L Lab WEG 3 Summary	1	P	4	<1%	NA	S
		2	P	4	<1%	NA	S
		3	P	5	<1%	NA	S
			P	4	<1%	NA	S
N-14	Disturbed Stabilized Map WEG 6 Lab WEG 1 Summary	1	P	5	2.3%	NA	S
		2	P	4	6.8%	NA	S
		3	P	4	5.3%	NA	S
			P	4	4.8%	NA	S
N-15	Dis. Stab. Near Nat. Map WEG 3 Lab WEG 4L Summary	1	P	4	<1%	NA	S
		2	P	4	<1%	NA	S
		3	P	4	<1%	NA	S
			P	4	<1%	NA	S

TABLE 2-4. (continued)

Site	Site Description	Test Area	Soil Stability				Site Stability, Stable/Unstable
			Drop Ball		Rock Test	TFV	
			P/F	No.			
1-1	Disturbed Stabilized	1	P	5	<1%	NA	S
		2	P	4	<1%	NA	S
		3	P	5	<1%	NA	S
	Summary		P	5	<1%	NA	S
2-1	Disturbed Stabilized Stable with standing water	1	NA	NA	NA	NA	S
		2	NA	NA	NA	NA	S
		3	NA	NA	NA	NA	S
	Summary		NA	NA	NA	NA	S
3-1	Disturbed Stabilized	1	P	5	1.2	NA	S
		2	P	4	1.2	NA	S
		3	P	5	<1%	NA	S
	Summary		P	5	<1.1%	NA	S
4-1	Disturbed Stabilized Stable with standing water	1	NA	NA	NA	NA	S
		2	NA	NA	NA	NA	S
		3	NA	NA	NA	NA	S
	Summary		NA	NA	NA	NA	S
5-1	Disturbed Unstable	1	F	3	4.3	60 cm/s	U
		2	F	3	3.1	60 cm/s	U
		3	F	3	2.6	60 cm/s	U
	Summary		F	3	3.3%	60 cm/s	U
6-1	Disturbed Stabilized	1	P	4	<1%	NA	S
		2	P	4	1.8	NA	S
		3	P	5	2.8	NA	S
	Summary		P	4	<1.9%	NA	S
7-1	Disturbed Stabilized	1	P	5	0	NA	S
		2	P	5	<1%	NA	S
		3	P	5	<1%	NA	S
	Summary		P	5	<1%	NA	S
8-1	Disturbed Unstable	1	F	3	0.5	30 cm/s	U
		2	F	3	2.0	60 cm/s	U
		3	F	3	0.4	30 cm/s	U
	Summary		F	3	<1%	30 cm/s	U
9-1	Disturbed Stabilized	1	P	5	1%	NA	S
		2	P	4	2.5	NA	S
		3	P	4	<1%	NA	S
	Summary		P	4	<1.5%	NA	S
10-1	Disturbed Stabilized Some areas unstable	1	P	5	0	NA	S
		2	P	4	0	NA	S
		3	P	5	0	NA	S
	Summary		P	5	0.0%	NA	S
11-1	Disturbed Stabilized	1	F	3	2.7	NA	S
		2	P	5	42	NA	S
		3	P	4	35	NA	S
	Summary		P	4	27.0%	NA	S
12-1	Disturbed Stabilized	1	P	4	2.5	NA	S
		2	P	5	2.5	NA	S
		3	P	5	1	NA	S
	Summary		P	5	2.0%	NA	S
13-1	Disturbed Unstable	1	F	1	<1%	30	U
		2	P	4	2.5	NA	S
		3	F	3	1.5	86	U
	Summary		F	3	<1.7%	86	U
14-1	Disturbed Stabilized	1	P	4	22.5	NA	S
		2	P	5	10	NA	S
		3	P	5	20	NA	S
	Summary		P	5	17.5%	NA	S
15-1	Disturbed Unstable	1	P	4	7.5	NA	S
		2	F	2	0.7	43	U
		3	F	2	0.4	43	U
	Summary		F	3	2.9%	86	U

3.0 SATELLITE IMAGERY SELECTION AND PROCESSING

3.1 Remote Sensing Data Sources

IKONOS satellite imagery of the north pilot area was obtained for evaluation as part of the Pilot Study. In addition, Landsat TM data was purchased because of its low cost and applicability to the large, relatively homogeneous area outside the BLM disposal area.

Imagery at various nadir angles was received from Space Imaging and evaluated by Midwest Research Institute (MRI) and Clark County. It was clear that there was no significant difference in the quality of the imagery from different nadir angles, and that the wider angle was acceptable for this project.

The use of Landsat 5 TM was investigated for the largely homogeneous native desert land outside the BLM disposal area. Based on Landsat's longer wavelength bands for broader spectral signatures, larger pixels to remove undesirable influence of unimportant micro-features, and less cost, it was decided that the Landsat 5 TM satellite imagery would be used for the entire Hydrographic Area 212 including the BLM Disposal Area (see detailed rationale in Sections 3.3 and 3.4).

Landsat TM imagery was acquired from a period when there had not been a rain event within the past 7 days and clear sky conditions were present (i.e., no cloud cover). Days with fog, haze, and smog were avoided.

Landsat TM imagery was obtained, and the registration accuracy was verified using aerial photography. Use of Landsat TM imagery was much more useful and cost-effective than high spatial resolution imagery (IKONOS or QuickBird) that lacks the additional infrared wavelength bands. High spatial resolution imagery can pick up micro-features (e.g., vehicles, large trash piles, individual rocks) that are difficult to categorize by selective classification and have only localized effects on wind erodibility. The larger pixel size provided by the Landsat TM sensor (30m x 30m) is more appropriate for land areas with micro-features that do not affect wind erodibility.

The larger pixel size for Landsat TM provides an averaging effect that is very useful for characterizing the vast areas of native desert outside of the BLM disposal area. Because there is no advantage to distinguishing subcategories of native desert with varying amounts of

vegetation, the averaging of reflectance across different vegetative densities greatly simplifies the process of identifying and mapping native vegetation.

In addition, the extra IR wavelength bands available from Landsat TM have been demonstrated to be very useful in distinguishing senesced vegetation and soil moisture. Landsat TM in conjunction with QuickBird is being used effectively in evaluating vegetation and other dust control strategies at Owens Dry Lake in California. The other obvious advantage of Landsat TM imagery is the much lower cost, which makes periodic updates of land category inventories economically feasible.

Figure 3-1 shows the Landsat TM coverage of the Clark County area and the BLM area.

3.2 Other Studies

Prior studies of land erodibility in arid areas of the West have also been based on satellite imagery. Two relevant studies are summarized below.

The first study dealt with the tracking of the revegetation of parts of Owens Dry Lake in California. On the revegetated part of the lake surface, it was necessary to test for compliance with the 50 percent coverage requirement. For this purpose, satellite imagery was collected using Landsat 7 TM and Quickbird to characterize the South Farm area where 16 training sites were located. The results are reported in the Owens Lake Vegetation Compliance Report (2003).

The second study was directed to the mapping of blowsand areas in the Antelope Valley of California. For the past 5 years, MRI has been performing research on the role of blowsand in driving wind-generated emissions from abandoned farmland. This has involved the use of a portable wind tunnel and the instrumentation of two large blowsand sites to determine sand fluxes and vertical fluxes of PM-10 during high wind events. In the satellite imagery study, Landsat data was used to map blowsand areas based on signatures developed from eight training sites.

3.3 Landsat vs IKONOS and QuickBird

The major issues for the Clark County study were the classification methodology for vacant land, and which of the available satellite imagery sources would be most appropriate to use. In the early stages of the project, Quickbird or IKONOS were targeted for characterizing the BLM

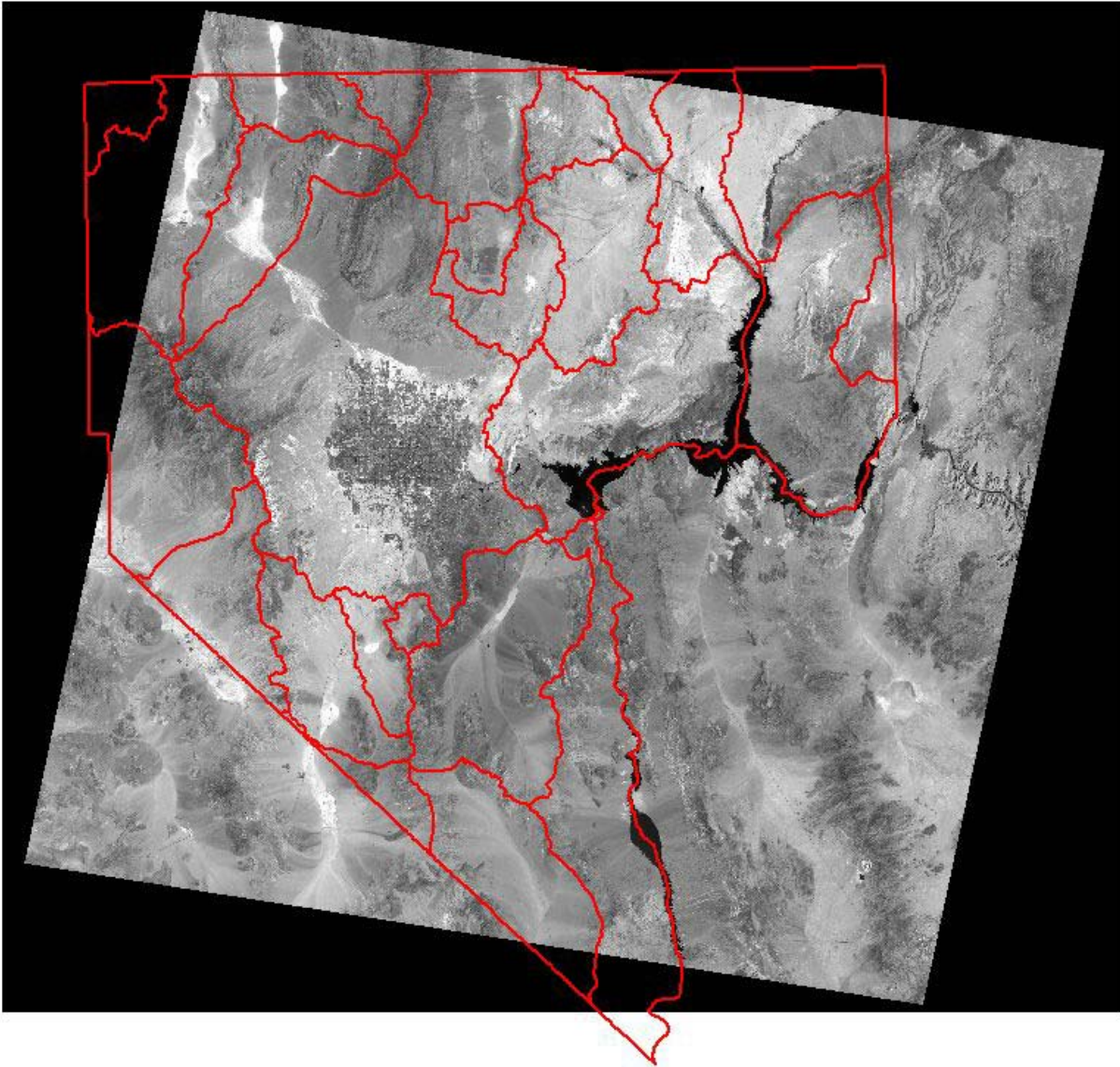


Figure 3-1. Landsat 5 TM Coverage of Clark County

disposal area, and Landsat for the remainder of Hydrographic Area 212. The features of each of these satellites are described in Table 3-1.

**TABLE 3-1. SATELLITE FEATURES
LANDSAT TM VS. IKONOS VS. QUICKBIRD**

	Landsat TM	IKONOS	QuickBird
Spatial Resolution	30 meters	1 meter	0.6 meter
Spectral Resolution	6 bands	4 bands	4 bands
Coverage of Imagery	49,425.82 km ²	200 km ²	200 km ²
Cost for Project	\$425.00	\$7785.00	>\$7785.00
Cost per km ² per band	\$0.00143	\$9.73	>\$9.73

- IKONOS (Space Imaging)
 - 3 visible bands (blue, green, red), 1 near IR band
 - Resolution: 4-m multispectral, pan-sharpened to 1 m
- QuickBird (Digital Globe)
 - 3 visible bands (blue, green, red), 1 near IR band
 - Resolution: 2.4-m multispectral, pan-sharpened to 0.6 m
- Landsat 5/7 TM (NASA/NOAA/USGS)
 - 6 visible/near-IR bands (same as above plus 3 others)
 - Resolution: 30-m multispectral sharpened to 15 m

The main advantage of the IKONOS or QuickBird imagery is the high spatial resolution. However, the cost of the imagery is three orders of magnitude higher than the cost of the Landsat TM data as shown in Table 3-1. IKONOS and QuickBird costs are very similar; a formal quote was only obtained from IKONOS.

3.4 Rationale for Selection of Landsat

In the course of the project, tests of the effectiveness of Landsat imagery showed it to have many advantages over IKONOS or QuickBird imagery. The expanded wavelength components proved very useful in isolating distinctive fingerprints of the vacant land categories of interest. The response to vegetation was particularly important. An example is illustrated in Figure 3-2 (Band 7 is the 6th band for Landsat). In addition, the larger pixel size provides an automatic averaging effect is very effective in avoiding the need to subdivide the feature classes such as native vegetation. For example, it was anticipated that desert shrubs that stabilize soils and provide windbreaks might be difficult to characterize by satellite imagery because of their

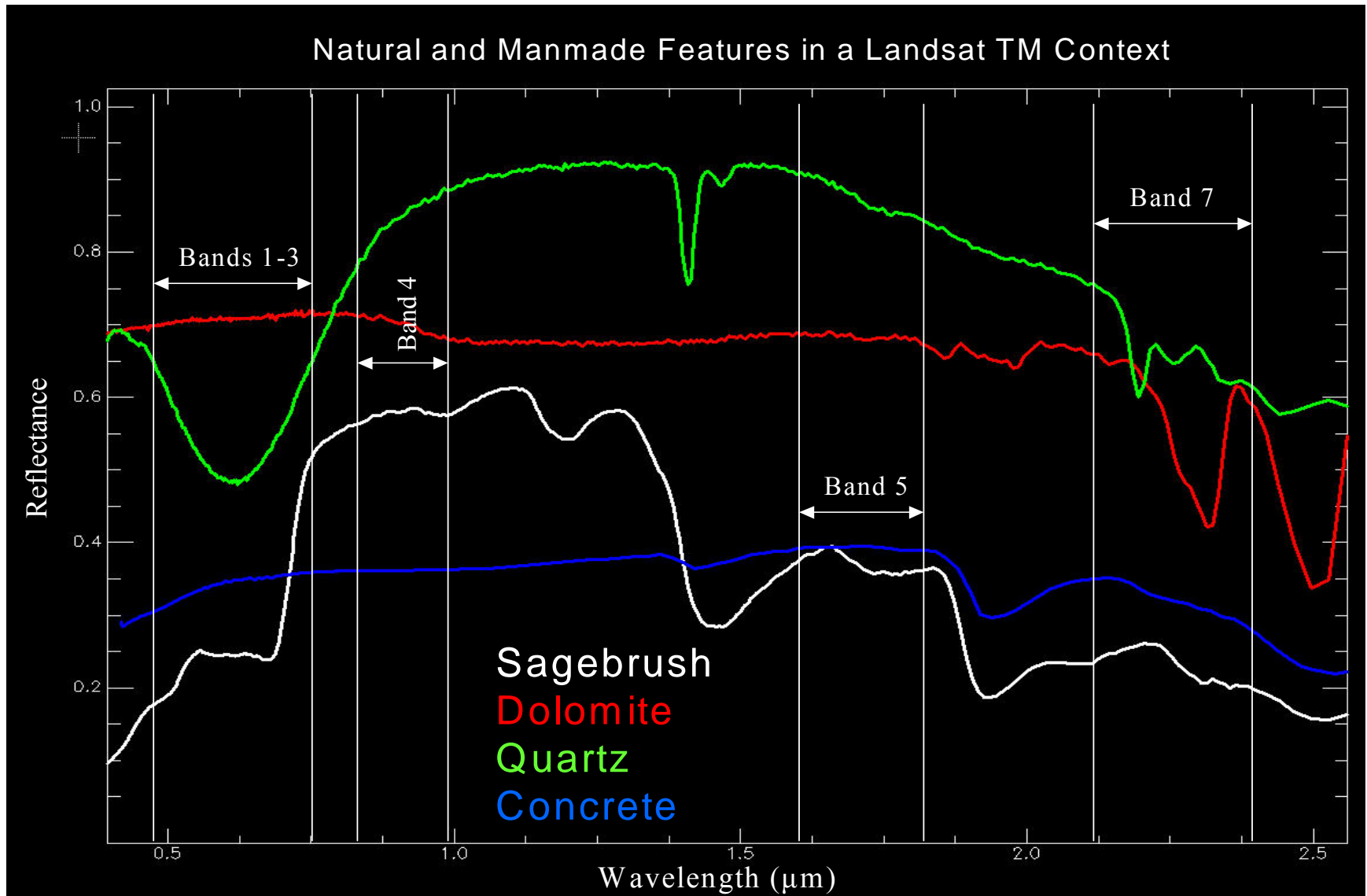


Figure 3-2. Reflectance Response Curves of Natural and Manmade Features Using Landsat Imagery

indistinct spectral signatures, mostly small size (< 1 sq m), and sparseness. Also, it was anticipated that disturbed land with small rocks might provide a challenge for identification by satellite imagery. However, these potential problems were overcome with use of imagery from Landsat 5 TM.

Another advantage was the ability to incorporate the entire study area in a single Landsat scene collected at one point in time. Finally, the very affordable cost of the imagery produced a much higher cost-effectiveness for this project. It is important to note that the available high-resolution aerial photography provided a necessary element in the accuracy assessment process.

4.0 SPECTRAL ANALYSIS PROCEDURES

The purpose of the Pilot Study was to establish firm relationships between the ground surface data (as described in Section 2) and remote satellite images of the same area. Landsat TM satellite imagery was used to remotely characterize ground surface types for wind erodibility. The satellite imagery was provided as GEOTIFF files.

Satellite images were obtained within 2 days of the verified field data collection described in Section 2. The BLM Disposal Area was an important focus of the imagery in order to ensure the identification of the vacant land scattered throughout the urban area. This area is also the highest contributor to the overall emission inventory for Clark County.

IKONOS satellite imagery of the pilot test areas was attempted several times (October 11, 16, and 19, 2004) but cloud cover in the Las Vegas Valley prevented clear imagery of the pilot test areas. IKONOS satellite imagery of the north pilot test area was finally collected Thursday, November 18.

Additional data was collected on asphalted areas to add the surface drainage category to the imagery analysis. Urban vegetation was also added as a category by using the spectral signature of green areas (e.g., golf courses) in the Landsat TM imagery. Figure 4-1 shows the visible spectra (red, green, and blue) from the Landsat TM imagery, and Figure 4-2 shows the supervised classification of the Landsat TM imagery using Mahalanobis Distance classification.

Unpaved road data from the various municipalities and the spring 2005 aerial photography of the Las Vegas Valley were provided by the County Geographic Information System Management Office (GISMO). The delineation of the unpaved roads was initiated using the available unpaved road data along with the Las Vegas Valley aerial photography. A sampling of the unpaved roads not included in the available GIS data was investigated by direct on-site observation. Many of the unpaved roads were located in areas under development. These roads will be paved as the development is completed. Other roads were extensions of single-lane utility roads or roads to private residences located in the rural areas of the Las Vegas Valley. These roads are generally less than 12 feet wide (observed roads of this type ranged from 6 to 12 feet wide). Many of these roads are rarely traveled. In other cases, the GIS data

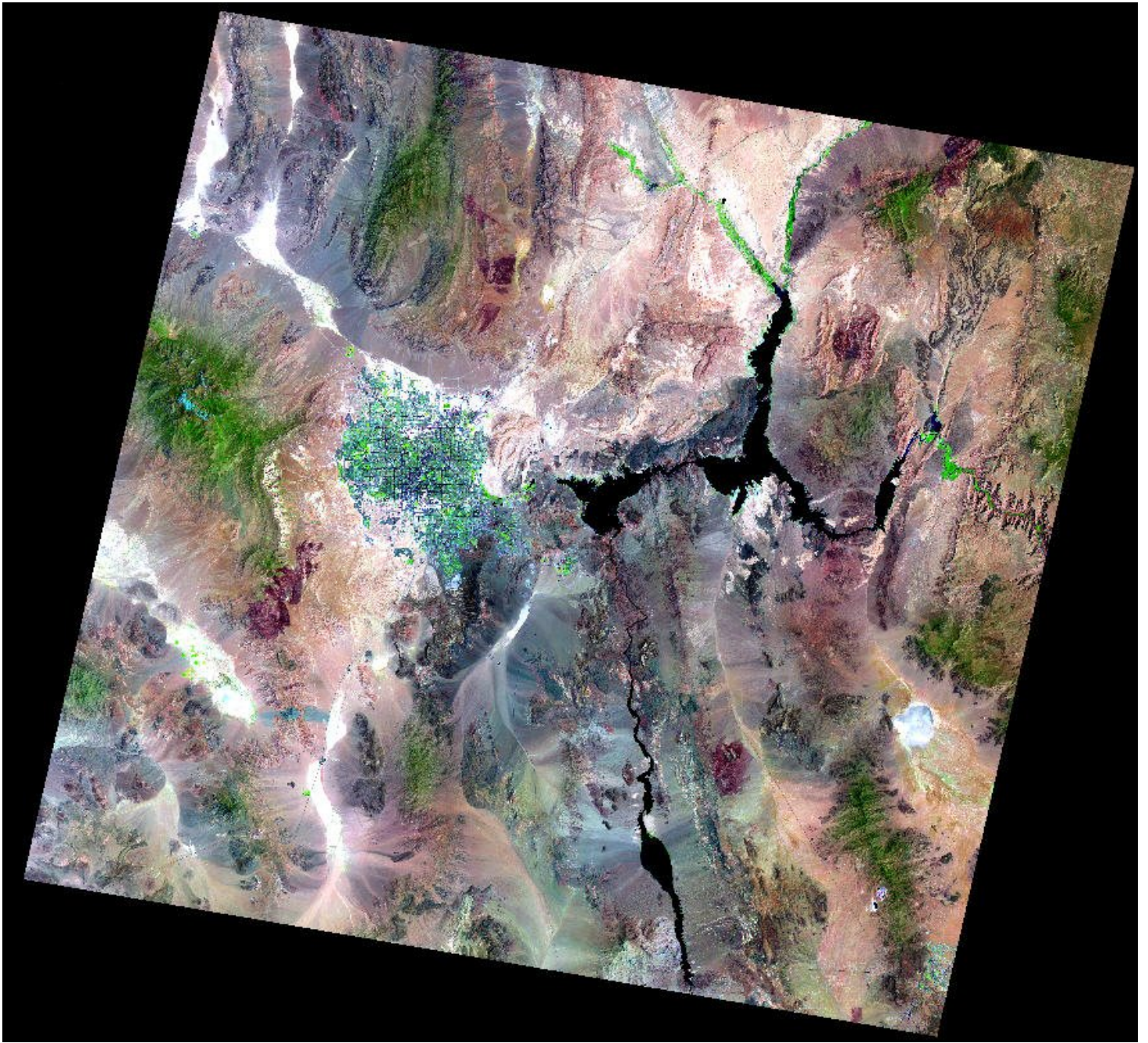
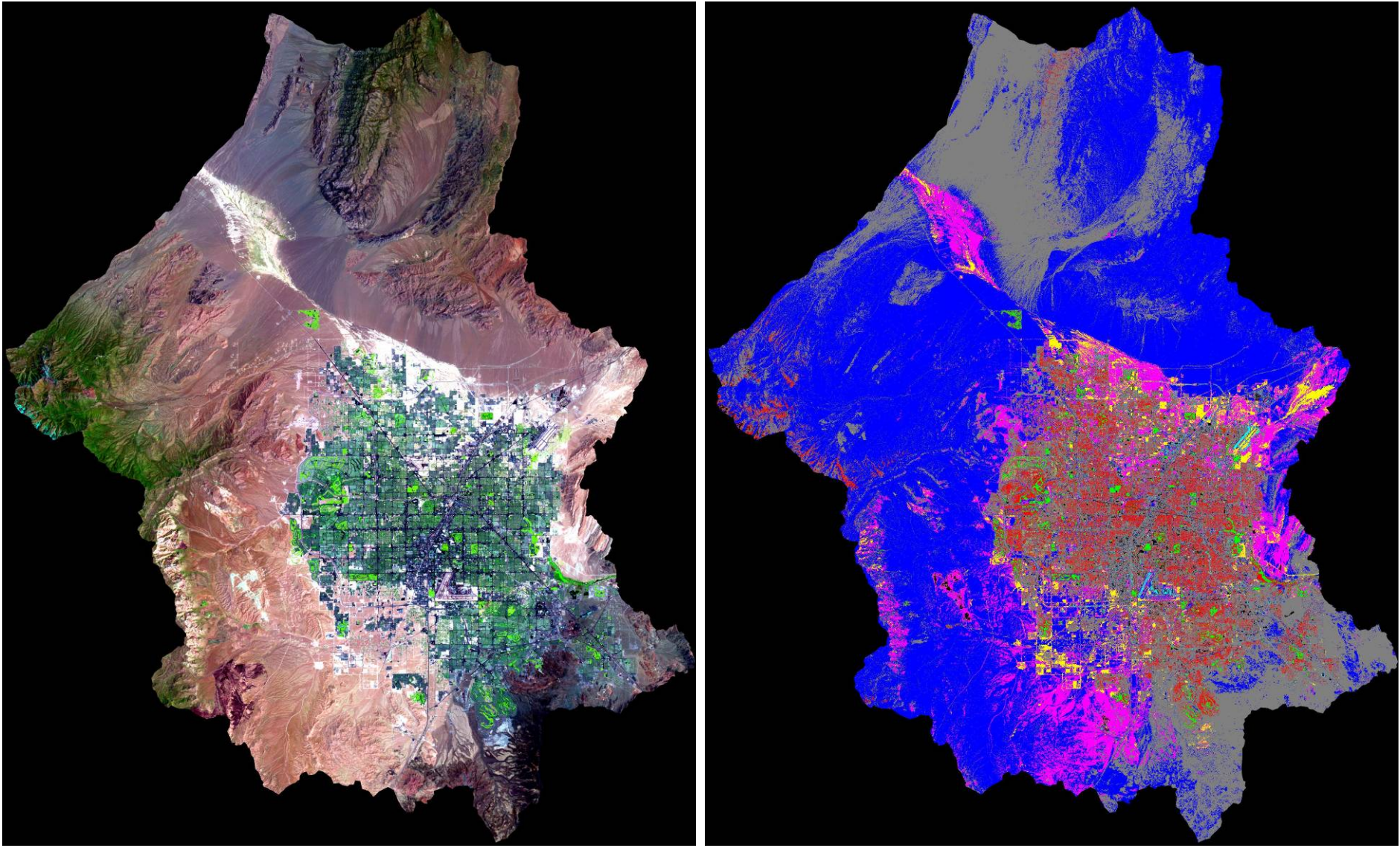


Figure 4-1. Visible Spectra from Landsat TM Imagery



Urban	Native Desert	Disturbed	Stable	Barren/Shadow
Vegetation	Surface Drainage	Concrete		Unclassified

Figure 4-2. Mahalanobis Supervised Classification

showed unpaved roads that no longer existed. These unpaved roads were shown in heavily developed areas where all the streets were paved. These roads were probably old utility roads once maintained by the county, but were built over as Las Vegas grew and power lines were moved underground. These roads no longer exist, but the GIS data has not been updated.

The input and output files from the classification process are raster images: i.e., each image is treated as an array of values. The classification results were converted to polygon vector layers that are compatible with Environmental Systems Research Institute (ESRI) products.

4.1 Land Category Characteristics

Four categories of erodible land surfaces were to be mapped in this project: (1) native desert, (2) disturbed stable vacant land, (3) disturbed unstable vacant land, and (4) private unpaved roads or other unpaved roads not previously identified in existing Clark County data. The first two categories were mapped with supervised classification techniques. An analyst using aerial photography mapped the fourth category, unpaved roads.

The disturbed unstable land category was problematic because of a lack of training sites (reference sites) to use for the classification process. For Landsat TM, a training site must be at least 210 square meters (210 x 210 m), so that no pixel overlaps into another land classification. In the disturbed unstable category, however, only one training site was large enough to meet this criterion. The results were inconsistent with this one training site because of the wide range of soil reflectance that can occur with disturbed unstable soil. As a consequence, the percent of disturbed unstable vacant land was derived by inference; when all other land cover types (native desert, urban, etc.) were classified, then the remaining unclassified pixels represent an upper bound on the amount of disturbed vacant land.

Five other land cover types were also mapped. Because of their abundance, non-vegetated rocky surfaces (washes), concrete, urban areas, urban vegetation, and barren/shadow were included in the supervised classification procedure. The last category, barren/shadow, was added to account for land cover types that were not classified in one of the other categories, and to lower the upper bound of the estimate for the disturbed vacant land category. This category includes shadows from mountains, buildings, and rocky areas.

4.2 Supervised Classification

Multi-spectral classification is the process of sorting pixels into a finite number of individual classes, or categories of data, based on their spectral reflectance value. If a pixel satisfies a certain set of criteria, the pixel is assigned to the class that corresponds to those criteria.

The analyst closely controls supervised training. In this process, image pixels were selected that represent the land cover features listed above, i.e. training sites. These pixels were identified primarily from ground truth data, with GISMO layers as ancillary data.

By identifying these representative ground truth sites, the computer algorithm was trained (calibrated) to identify pixels with similar characteristics. Based on the classification accuracy, the resulting classes represent the land surface categories within the Landsat TM data.

It was important that training samples be representative of the classes that are being identified. This does not necessarily mean that they must contain a large number of pixels or be dispersed across a wide region of the data. The selection of training samples depended largely upon knowledge of the data, the pilot study area, and the classes to be extracted.

Once a set of reliable signatures was created and evaluated, the next step was to classify the data. Each pixel was analyzed independently. The measurement vector for each pixel was compared to each signature, according to a decision rule, or algorithm. Pixels that passed the criteria that were established by the decision rule were then assigned to the class for that signature.

4.3 Choice of Mahalanobis Method

The Mahalanobis distance classifier is designed so that clusters that are highly varied will lead to similarly varied classes, and vice-versa. For example, when classifying urban areas, typically a class whose pixels vary widely, correctly classified pixels may be farther from the mean than those of a class for water, which is usually not a highly varied class (Swain and Davis, 1978). The classifier was chosen because it was superior in its ability to classify the highly varied land cover types in Hydrographic Basin 212.

4.4 Definition of Land Subcategories

The following procedure was used to define land subcategories:

1. Use aerial photography to define large subareas of distinct appearance (“training subareas”) within the pilot study area.
2. Inspect and collect soil samples within training subareas to determine the land category of each subarea.
3. Acquire Landsat 5 TM imagery for the pilot study area and perform supervised classification.
4. Use analysis results to characterize land categories (disconnected areas with same appearance).
5. Apply cross checks with IKONOS imagery.
6. Perform field checks to determine the reliability of the land classification.
7. Complete the pilot study using the new approach to identify training areas.
8. Evaluate Landsat imagery as the basis for the vacant land classification (with IKONOS cross checks).
9. Acquire Landsat imagery for the whole study area and develop the inventory for erodible lands.
10. Perform final field verification of the inventory.

4.5 Special Challenges

In the course of the project, it was found that areas of disturbed unstable lands were widely scattered and small in size in comparison to the requirements for determining unique spectral signatures. Some of this difficulty related to unusually wet weather conditions during the study period that tended to restabilize disturbed areas. In addition, there was wide use of intensive watering on construction sites to comply with permit conditions.

The few disturbed unstable areas that were identified as marginally suitable for ground truthing tended to exhibit differing spectral signatures because of differences in soil types and associated chemical compositions. When areas such as native desert are crusted, it appears that the surface chemistry is more uniform and relatively independent of the parent soil type beneath the crust. In addition a high wind event during a dry period typically produces a large area of

deposition as the well-mixed atmospheric particulate loading settles to the ground at the end of the wind event.

Consequently, there were insufficient, unstable areas to reliably train the classification software. An acceptable option was to determine the disturbed, unstable land area by difference. This involved subtracting all of the other identified land area types from the total land area being considered. The impact of this change in procedure is believed to be small because the prevalence of this land type is a relatively insignificant part of the total study area. Table 4-1 presents the issues and resolutions.

TABLE 4-1. ISSUES AND RESOLUTIONS

Issue	Resolution
Incidental variations of land condition are accentuated by IKONOS imagery	Landsat TM imagery has superior spectral resolution (more wave length bands).
Large Investment and Uncertainties in Imagery Acquisition/Analysis	July 2004 – Modify technical approach to incorporate focus area pilot study within ground truthing at 30 locations.
Prohibitive Cost to Acquire High-Resolution Imagery for Entire Las Vegas Valley	August 2004 – Propose use of Landsat TM imagery for areas of low land disturbance (outside of BLM Disposal Area).
Intrusion of Rain Events	November 2004 to February 2005 – Postpone imagery acquisition until soil dries.
Registration Errors in Imagery	February 2004 – Make linear shifts in imagery positional files to match ground truthing site coordinates.
Stay Within Cost Ceiling on Imagery Acquisition for Main Study	March 2004 – Rely primarily on Landsat for imagery data with IKONOS imagery for quality assurance cross-checking.

Other areas of special challenge and the steps taken to resolve them are summarized in Table 4-2.

4.6 Accuracy Assessment

Accuracy assessment is a general term for comparing the classification to geographical data that are assumed to be true in order to determine the accuracy of the classification process. For the pilot study, the assumed-true data were derived from aerial photography and ground truth data. This validation procedure determined the quality of the image processing algorithms used to distinguish vacant land categories of varying erodibility.

TABLE 4-2. RISK AREA, IMPACT, AND MITIGATION

Risk Area	Risk Impact	Risk Mitigation
Extension of ground truthing sites to entire Hydrographic Area 212	Unrepresentative erosion sites used for ground truthing would result in spectral signatures that could not reliably identify wind erosion sites in entire area of interest.	Use of Pilot Study sites selected to contain samples of the largest areas susceptible to wind erosion. Pilot Study sites contained representative sites of the most erodible lands in the Las Vegas Valley.
Excessive costs to purchase complete imagery for State Hydrographic Area 212	Purchase of imagery of non-erodible urban land is not cost-effective.	Purchase of expensive satellite imagery for subareas of proven non-erodible land in urban Clark County was eliminated, and lower resolution imagery was used for these areas to reduce costs.
Substantial costs to analyze complete satellite imagery for State Hydrographic Area 212	Excessive costs may not allow for proper development of the spectral signatures for erosion areas or to complete other parts of the study.	A two-phase study was proposed to make sure that all analysis procedures were able to be efficiently managed before comprehensive analysis of Area 212.
Lack of correlation between spectral signatures and ground truth data on erodibility (as occurred in the prior study)	The validity of the technical approach will be compromised if good correlations are not obtained in the Pilot Study.	Lack of correlation in the prior study was likely related to the inability of pass/ fail erosion tests to characterize the type of wind eroded lands. Ground truthing tests included continuous gradations of erodibility (e.g., drop test will have 5 options); moreover, at least three different field test procedures confirmed the erodibility of a particular soil surface.
Seasonal cycles of surface erodibility, due to moisture	Soil moisture inhibits wind erosion and develops a crust to prevent future wind erosion and causes the satellite imagery not to identify source areas of erosion.	Ground truthing performed during “dry” periods.
Computer processing time for very large satellite imagery data file	As demonstrated in prior study, very large processing times are required.	The relatively small Pilot Study was used to develop the most efficient ways to process data <u>before</u> large-scale data processing was attempted.
Delays in collecting and delivering satellite data for analysis (as occurred in 2000 study)	Poor correlation of ground truth data with out-of-date satellite spectral signatures.	Ground truthing performed within 48 hrs of satellite imagery collection.

It is usually not practical to ground truth or otherwise test every pixel of a classified image. Therefore, a set of reference pixels were used. Reference pixels are points on the classified image for which actual data was (or will be) known. The reference pixels were initially randomly selected, and then accepted or rejected based on accessibility.

If the analyst selects the reference pixels, it is often tempting to select the same pixels for testing the classification as were used in the training samples. This biases the accuracy assessment because the training samples were the basis of the classification. By allowing the reference pixels to be selected at random, we could lessen or eliminate the possibility of bias.

The number of reference pixels was an important factor in determining the accuracy of the classification. It has been shown that approximately 50 reference pixels are needed to estimate the accuracy of a class. Therefore, 50 reference pixels were used in this study.

5.0 RESULTS OF SATELLITE IMAGERY ANALYSIS

5.1 Control of Misregistration Errors

Because of problems with the Landsat 7 TM satellite (failure of the scan line corrector), imagery from Landsat 5 TM was used. The Landsat 5 TM satellite was launched more than 20 years ago, and there can be problems with the registration of the imagery. The Landsat 5 TM imagery that was purchased was evaluated and an unacceptable amount of misregistration was observed.

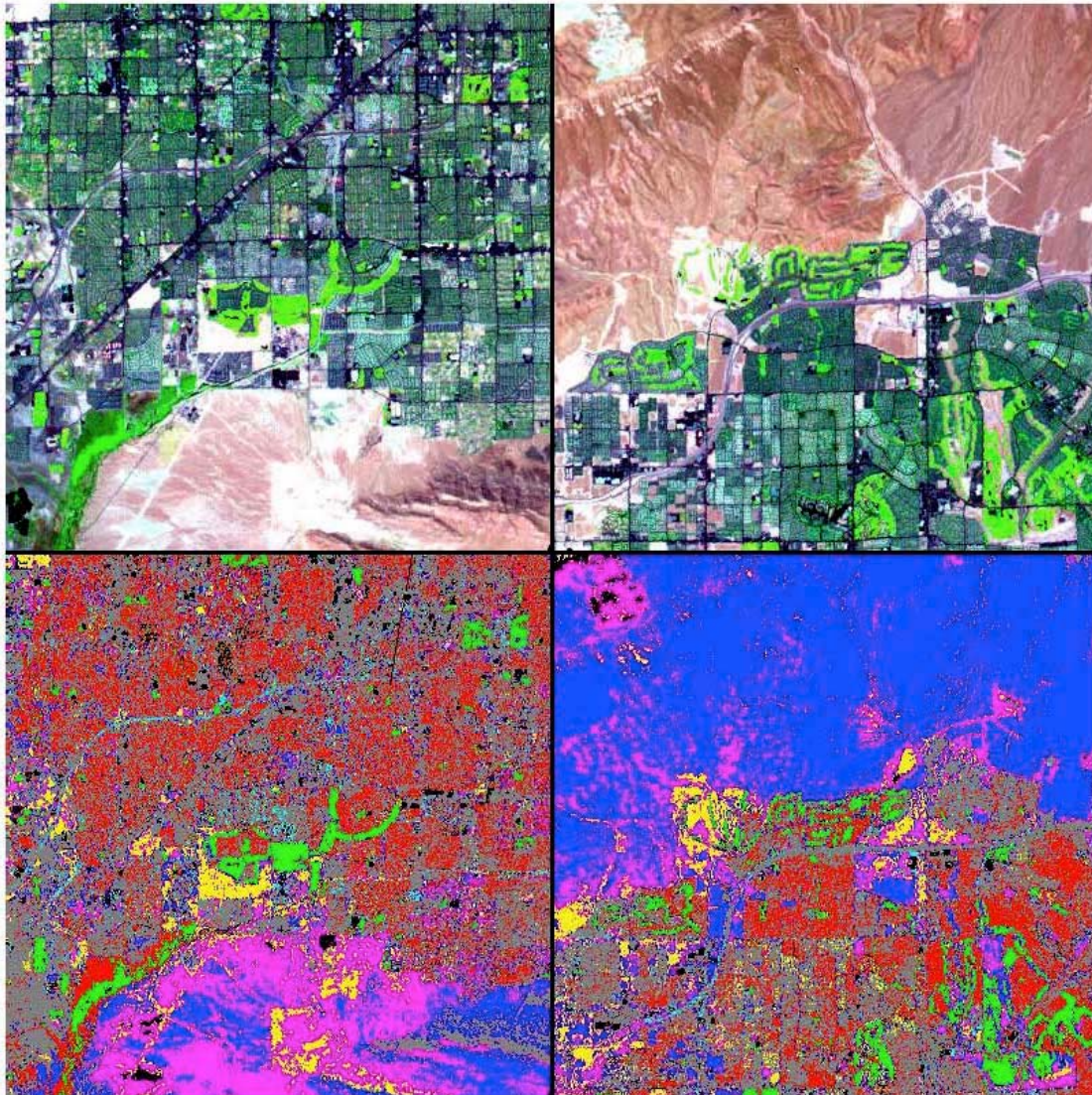
For the August 2004 Landsat 5 TM scene, the registration error was corrected by collecting a series of “tie points” from the 2-foot pixel GISMO aerial photography. These tie points were used to “warp” the Landsat TM image back to the correct registration.

The June 2005 Landsat 5 TM scene was also misregistered. Since the tie point collection and warping process were very time consuming, a decision was made to reposition the training sites so that they still represented the correct land cover type. Some training sites, such as native desert, were not repositioned because the land cover category was much larger than the Landsat 5 TM registration error.

5.2 Mapping of Land Categories

As described above, it was not feasible to classify the disturbed vacant land category because of a lack of training sites and the effects of highly variable soil chemistry. Therefore, the percent of disturbed vacant land was derived by inference; when all other land cover types (native desert, urban, etc.) were classified, then the remaining unclassified pixels represent an upper bound on the amount of disturbed vacant land. Figures 5-1a and 5-1b show comparisons of high resolution aerial photography with Mahalanobis supervised classification of example subareas within HB 212. Table 5-1 shows the classification results, with the area for each category, for both HB 212 and the BLM disposal area.

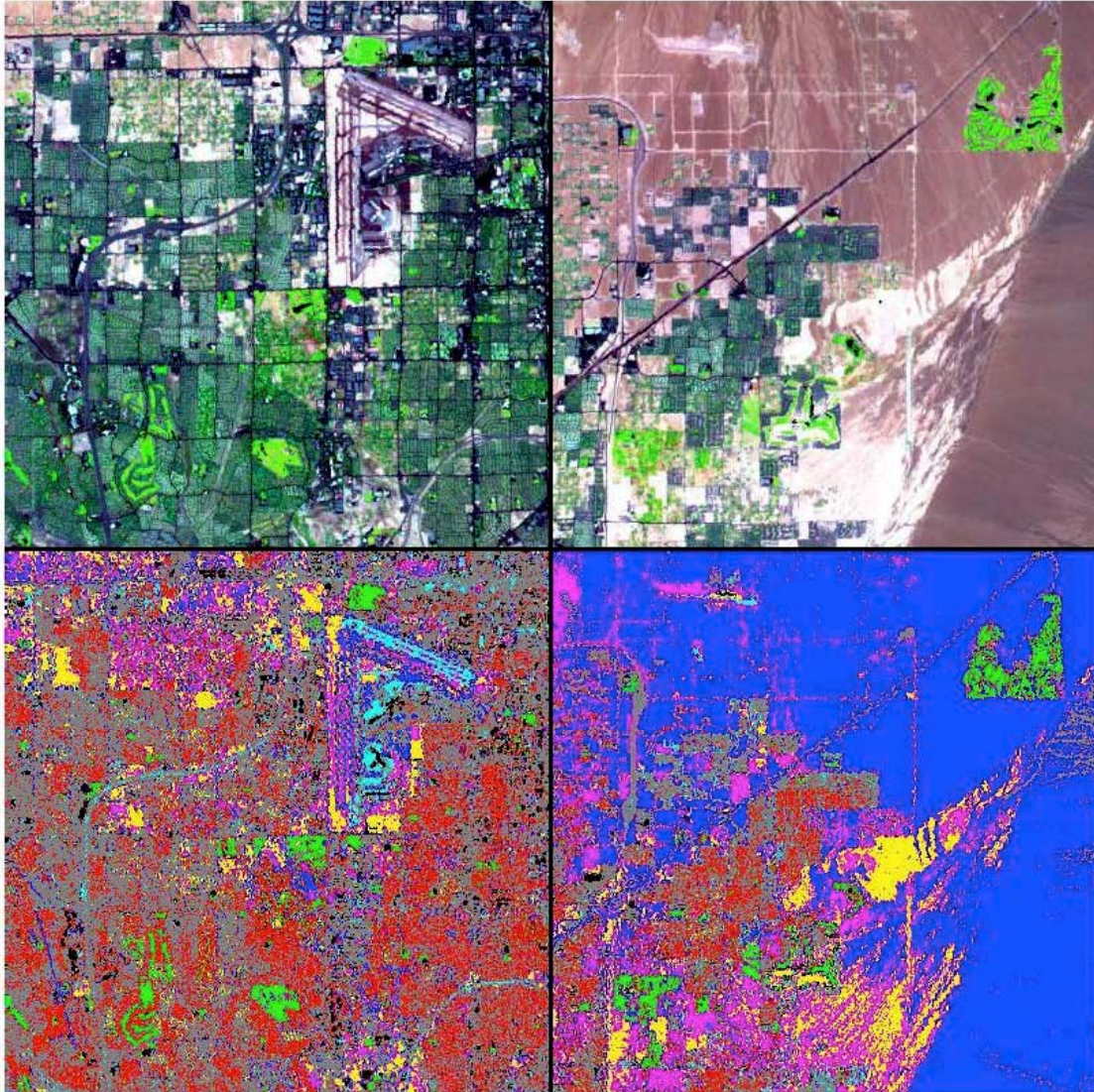
The BLM disposal area is a boundary, mostly within HB 212, adopted by the Bureau of Land Management, that identifies federally-owned land that is available for purchase, trade, or



Mahalanobis Supervised Classification

Urban	Native Desert	Disturbed Stable	Barren/Shadow
Vegetation	Surface Drainage	Concrete	Unclassified

Figure 5-1a. Mahalanobis Supervised Classification



Mahalanobis Supervised Classification

Urban	Native Desert	Disturbed Stable	Barren/Shadow
Vegetation	Surface Drainage	Concrete	Unclassified

Figure 5-1b. Mahalanobis Supervised Classification

TABLE 5-1. AREA OF LAND CATEGORIES

Land Category	Hydrographic Region 212,		BLM Only,	
	km ²	% of area	km ²	% of area
Native Desert	1897.11	47.6	284.95	21.2
Disturbed Stabilized	122.78	3.1	94.86	7.1
Disturbed Unstable Vacant Land	< 45.26	< 1.1	< 45.98	< 3.4
Wash – Drainage	357.15	9.0	150.61	11.2
Concrete	26.11	0.7	25.09	1.9
Urban	192.32	4.8	171.21	12.8
Vegetation	35.79	0.9	34.18	2.6
Barren/Shadow	1307.2	32.8	534.51	39.9

lease by public or private interests. The BLM disposal area contains nearly all of the anthropogenic sources within the non-attainment area, and this area was used for attainment demonstration in the PM10 State Implementation Plan for Clark County (June 2001).

One issue with the supervised classification was the orientation of elongated concrete surfaces in relation to the orbit of Landsat 5. As shown in Figure 5-2, the orbit of Landsat is skewed in relation to the compass directions. In classifying concrete runways at McCarran International Airport, the runway in Figure 5-3 was not classified as concrete for two reasons. First, much of the runway was covered with a layer of rubber tire fragments. Second, the narrow width of the runway in relation to the Landsat pixel size and the orientation of the runway in relation to the Landsat orbit produced the results that most pixels were not overlaid onto a predominately concrete surface. In contrast, the runway in Figure 5-4 was readily classified as concrete because of its orientation and the absence of the tire particle layer.

Similarly, the primary runway at Nellis Air Force Base was successfully classified as concrete because of the runway orientation and relative lack of a tire particle layer. This is illustrated in Figure 5-5a and Figure 5-5b.

5.3 Accuracy Assessment

An accuracy assessment was performed with an error matrix. An error matrix compares information from reference sites to information on the map for a number of sample areas. For this purpose, comparison pixels were randomly selected from widely spaced areas within HB 212. This is illustrated in Figures 5-6 and 5-7. The error matrix is a square array of numbers set out in rows and columns that express the labels of samples assigned to a particular category in one classification relative to the labels of samples assigned to a particular category in another

classification. On the error matrix in Table 5-2, the columns were assumed to be correct and are termed the reference data. The rows were used to display the map labels or classified data generated from the remotely sensed data. To gauge the accuracy, two labels from each sample are compared to one another (Congalton and Green, 1999).

Error matrices are very effective representations of map accuracy because the individual accuracies of each map category are plainly described along with both the errors of inclusion (commission errors) and errors of exclusion (omission errors) present in the map. A commission error occurs when an area is included in an incorrect category. An omission error occurs when an area is excluded from the category to which it belongs. In addition, the error matrix can be used to compute overall accuracy. Overall accuracy is the sum of the major diagonal (i.e., the correctly classified pixels or samples) divided by the total number of pixels or samples in the error matrix (Congalton and Green, 1999). The overall accuracy is 89% (313 / 350).

The accuracy assessment effort also involved a calculation of producer's accuracy and user's accuracy. Producer's and user's accuracies are ways of representing individual category accuracies instead of just the overall classification accuracy. For example, producer's accuracy was calculated by dividing the total number of correct sample units in a given category by the total number of sample units as indicated by the reference data. The user's accuracy is calculated by dividing the total number of correct pixels in a given category by the total number of pixels classified as the category. Table 5-3 shows the producer's and user's accuracy for each land cover category.

Sun-synchronous orbit of Landsat 4 and 5

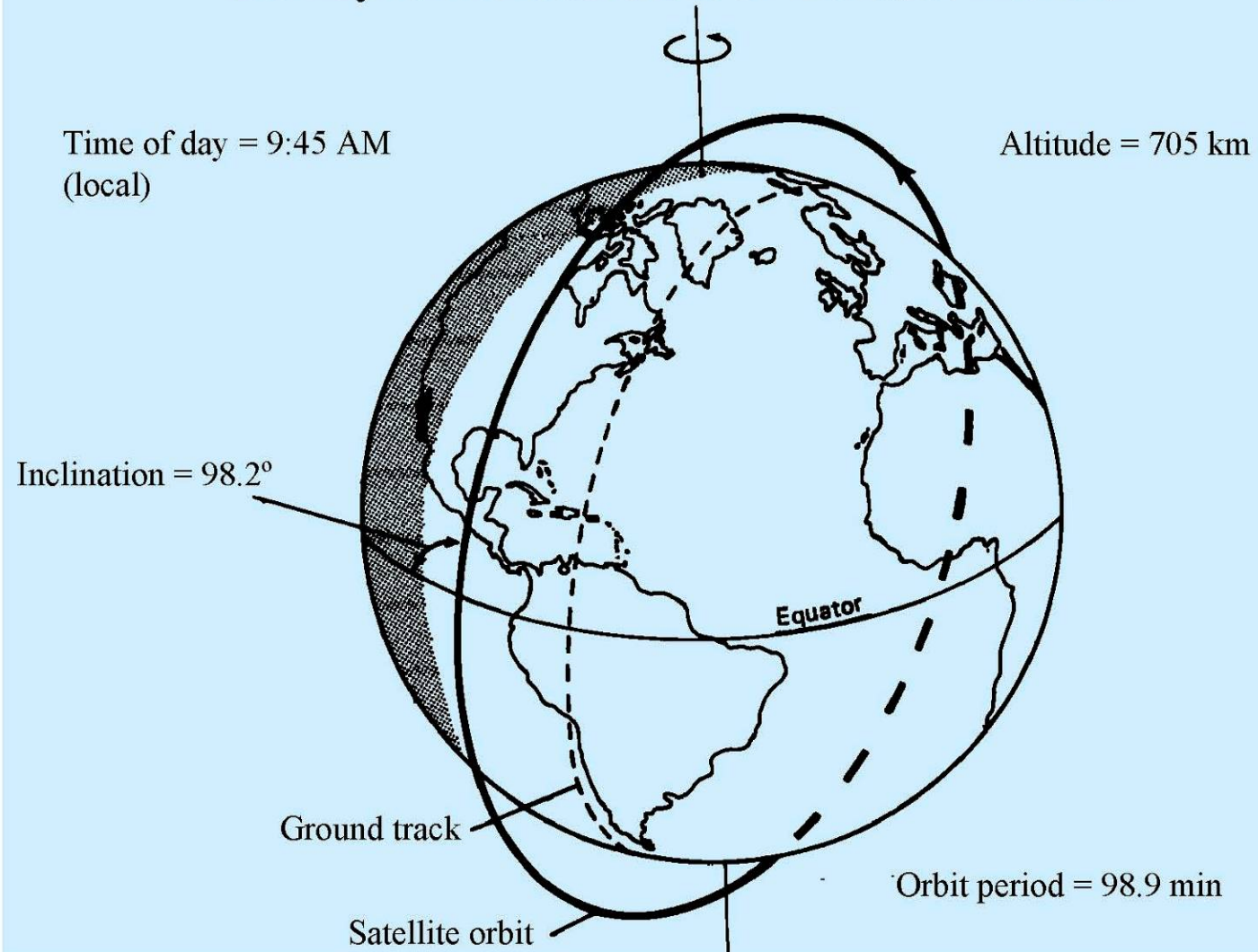


Figure 5-2. Sun-Synchronous Orbit of Landsat 4 and 5

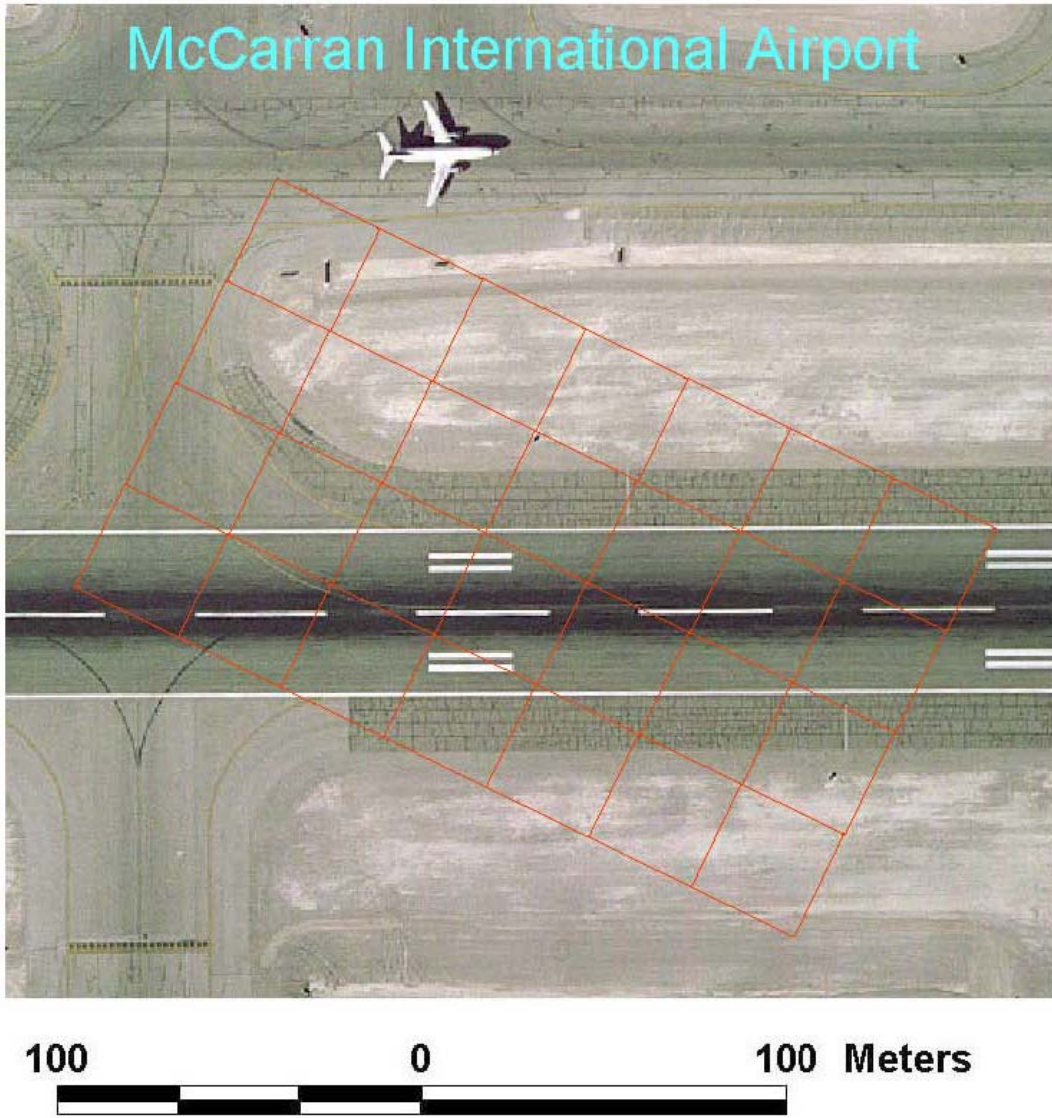


Figure 5-3. Non-Concrete Runway at McCarran International Airport

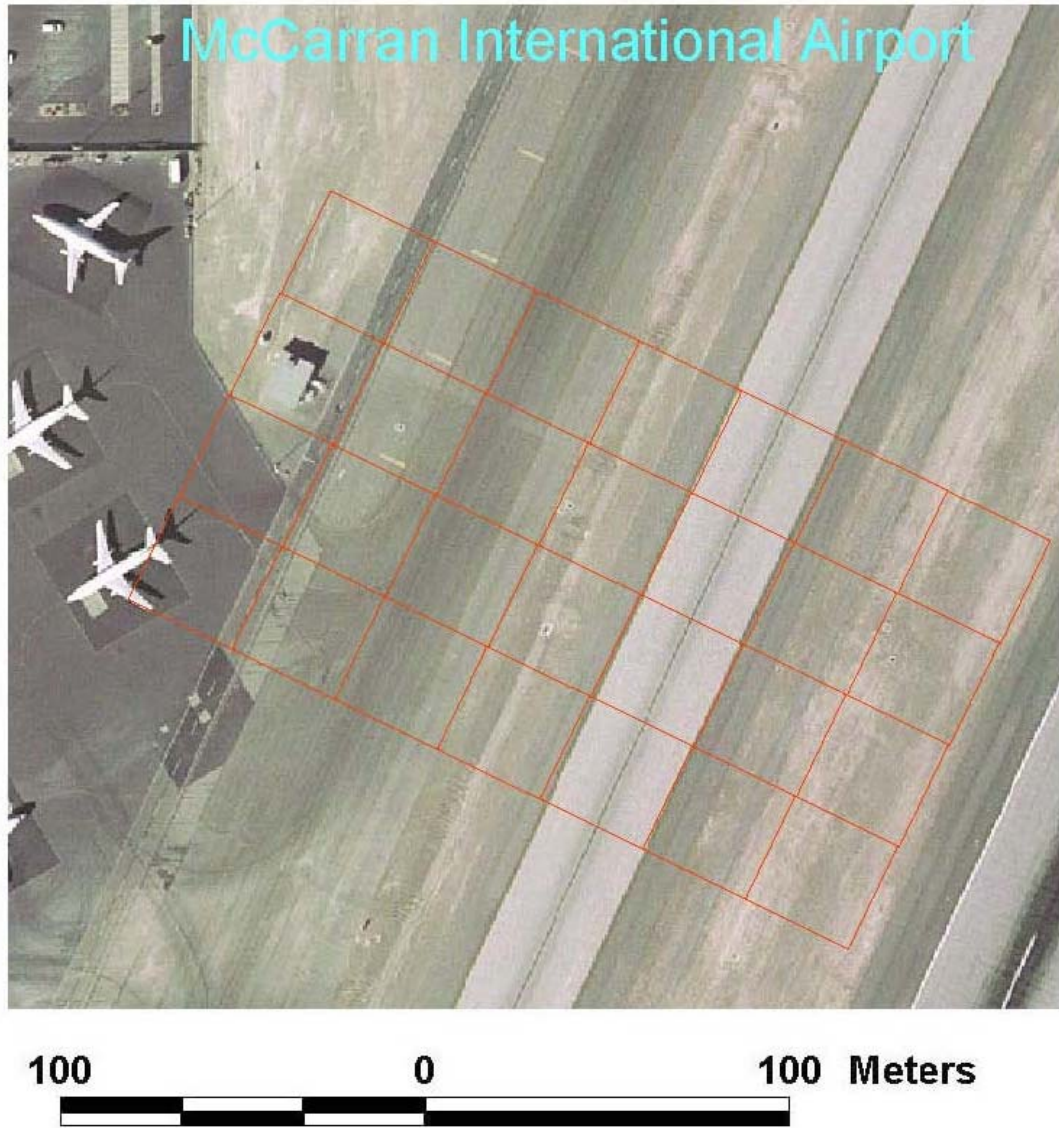
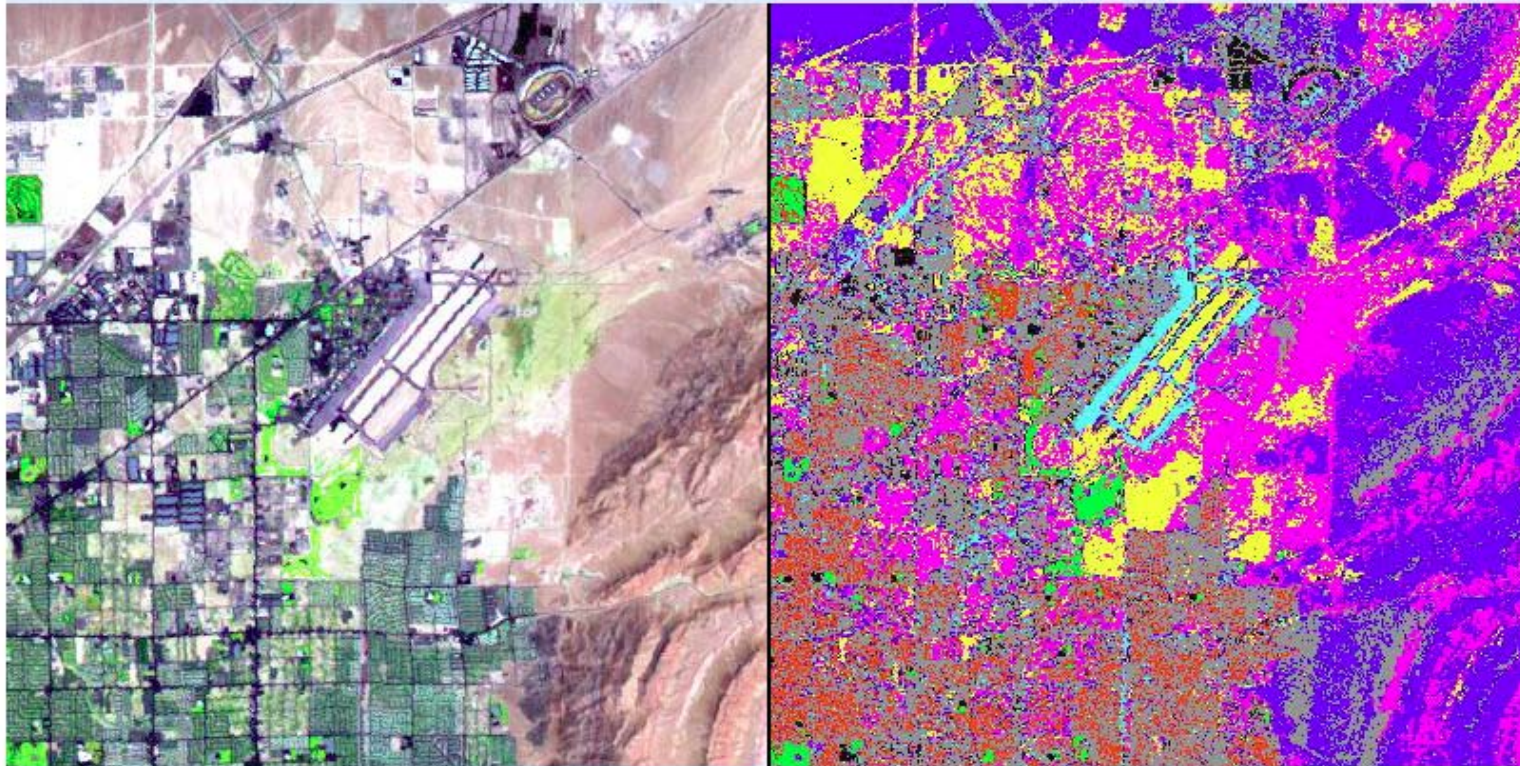


Figure 5-4. Concrete Runway at McCarran International Airport

Nellis Air Force Base



Urban	Native Desert	Disturbed Stable	Barren/Shadow
Vegetation	Surface Drainage	Concrete	Unclassified

Figure 5-5a. Land Classification at Nellis Air Force Base

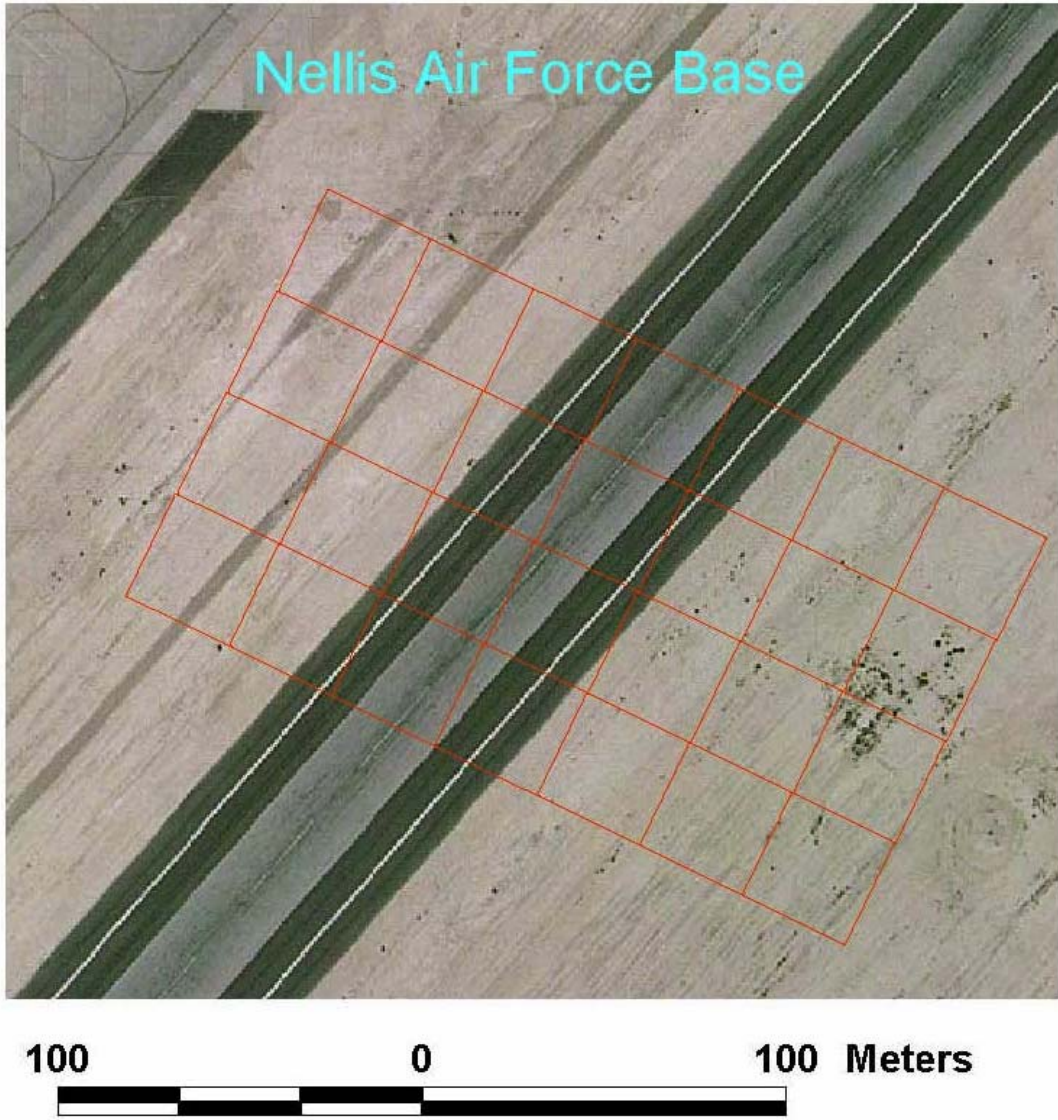


Figure 5-5b. Runway at Nellis Air Force Base

Native Desert

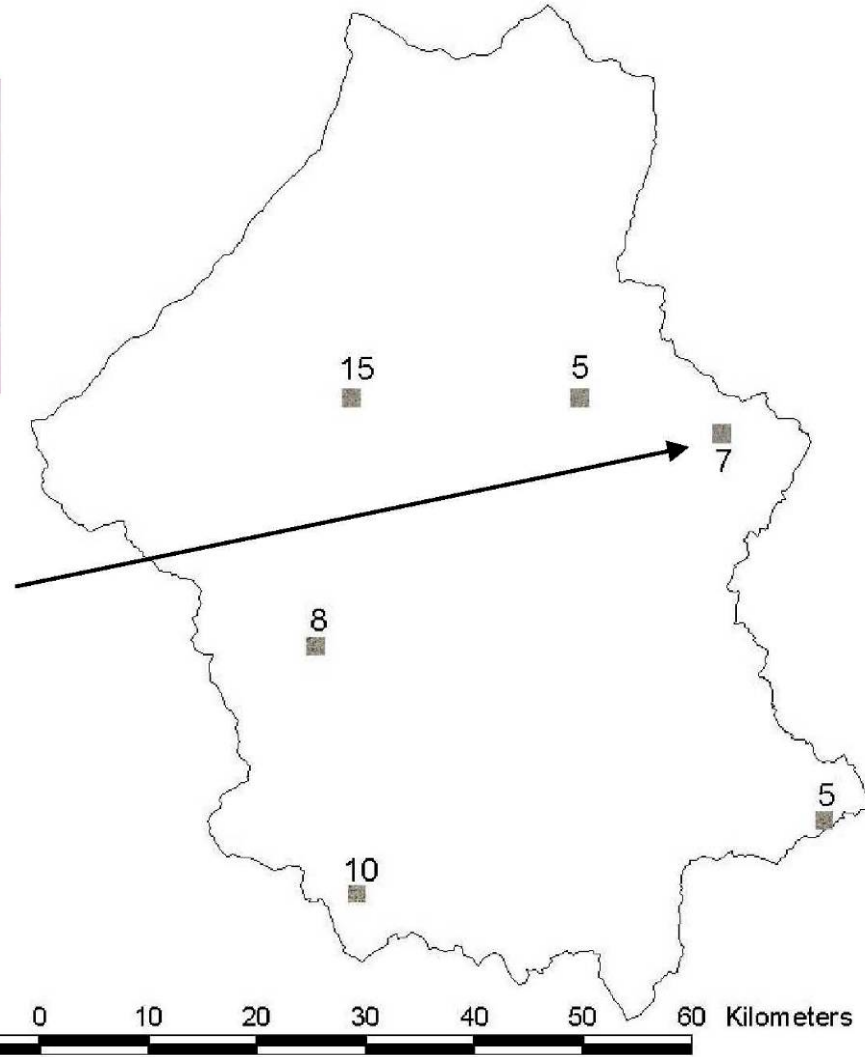
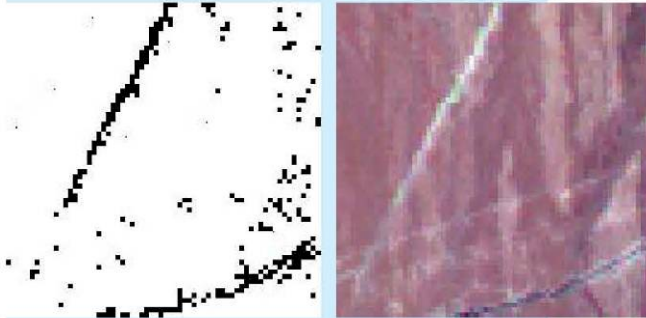


Figure 5-6. Native Desert

Natural Drainage

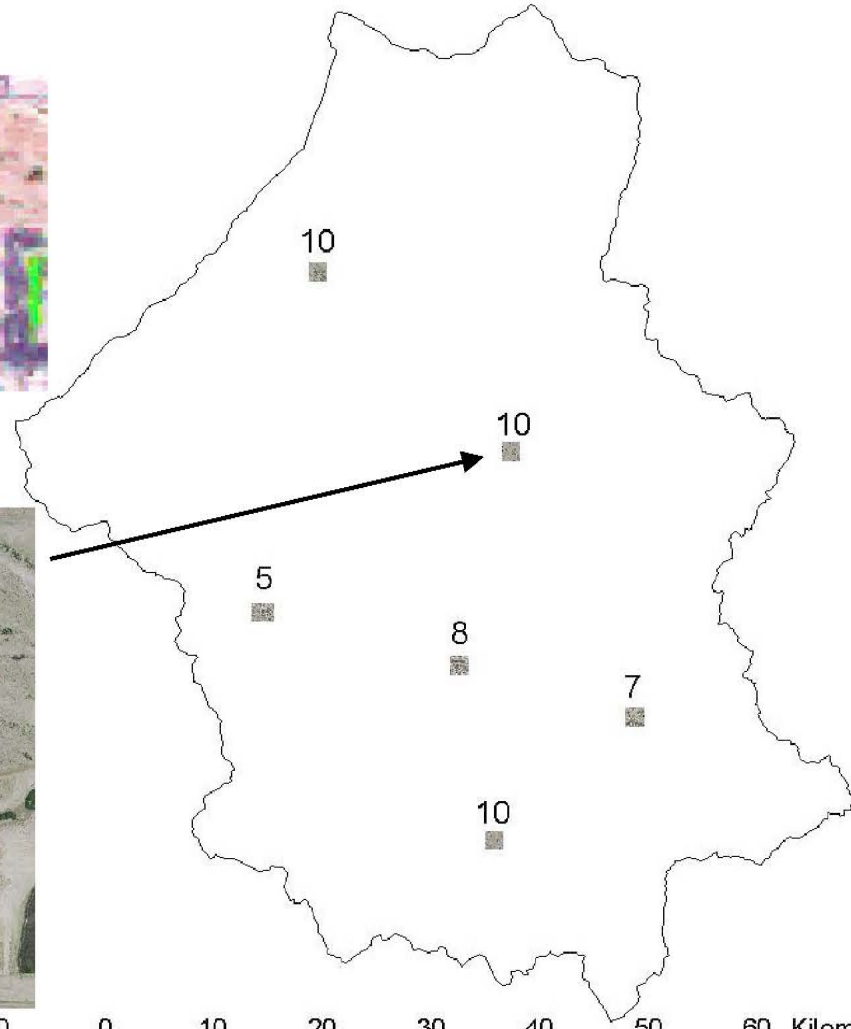
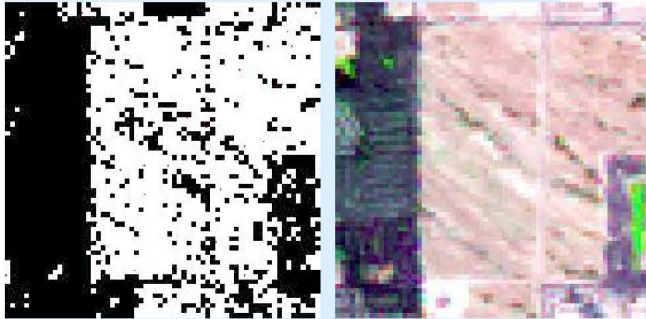


Figure 5-7. Natural Drainage

TABLE 5-2. ERROR MATRIX

Classified Data

Reference Data

	Barren/ Shadow	Concrete	Disturbed Stable	Vegetation	Natural Drainage	Urban	Native Desert	Row Total
Barren/Shadow	43					6		49
Concrete		45						45
Disturbed Stable		5	50		18			73
Vegetation				50				50
Natural Drainage					31			31
Urban	7				1	44		52
Native Desert							50	50
Column Total	50	50	50	50	50	50	50	350

Overall accuracy = 313 / 350 = 89%

TABLE 5-3. ACCURACY ASSESSMENT

Producer's Accuracy

Barren/Shadow	43 / 50	86%
Concrete	45 / 50	90%
Disturbed Stable	50 / 50	100%
Vegetation	50 / 50	100%
Natural Drainage	31 / 50	62%
Urban	44 / 50	88%
Native Desert	50 / 50	100%

User's Accuracy

Barren/Shadow	43 / 49	88%
Concrete	45 / 45	100%
Disturbed Stable	50 / 73	68%
Vegetation	50 / 50	100%
Natural Drainage	31 / 31	100%
Urban	44 / 52	85%
Native Desert	50 / 50	100%

6.0 PRIVATE UNPAVED ROAD TRAFFIC COUNTS

6.1 Identified Roads and Areas

The private unpaved road traffic count consisted of three major activities:

1. Delineating the private unpaved roads for traffic counts,
2. Conducting the traffic counts, and
3. Interpreting and reporting the data.

6.2 Delineating the Private Unpaved Roads for Traffic Counts

The extent of “private” unpaved roads is defined by subtracting currently identified unpaved roads under Public Works from the unpaved roads identified through image analysis. RS 2477 roads were not considered private and therefore were subtracted along with public roads. Stretches of non-maintained roads were considered private if they are not currently in the Public Works database.

It should be noted that all unpaved roads in Clark County with average daily traffic (ADT) of greater than 150 vehicles were projected to be paved. Many roads with ADT of less than 150 vehicles were also paved. Most uninventoried private unpaved roads have surfaces of compacted native soil, and most unpaved roads appeared to overlap with the disturbed stable vacant land category.

The unpaved roads identified for traffic counts were selected using the available unpaved road data from North Las Vegas, Las Vegas, Henderson, and the BLM along with the Las Vegas Valley aerial photography and ground surveys by Clark County DAQEM and EQ. The unpaved roads already identified in the existing GIS data were excluded from traffic counts. A sampling of the unpaved roads not included in the available GIS data was investigated by direct on-site observation. Many of the unpaved roads were located in areas under development. These roads will be paved as the development is completed. Other roads were extensions of single-lane utility roads or roads to private residences located in the rural areas of the Las Vegas Valley. These roads are generally less than 12 feet wide (observed roads of this type ranged from 6 to 12 feet wide). Many of these roads are rarely traveled. In other cases, the GIS data showed unpaved roads that no longer existed. These unpaved roads were shown in heavily developed

areas where all the streets were paved. These roads were probably old utility roads once maintained by the county but were built over as Las Vegas grew and power lines were moved underground. These roads no longer exist but the GIS data has not been updated. In a few cases, unpaved roads between busy paved roads appeared to have traffic counts above 150 ADT.

Based on the above considerations and a ground survey by Chuck Richter of Clark County DAQEM and Victoria Hansen of EQ, the roads presented in Table 6-1 were selected for traffic counting. Traffic counts were performed on approximately 30 of these unpaved roads as described in the next section. Figure 6-1 shows the relative locations of these unpaved roads. Appendix B shows maps with the detailed locations.

6.3 Conducting the Traffic Counts on Private Unpaved Roads

Vehicle count data for 72-hr periods was obtained using both eight pneumatic counters which are rubber tubes positioned across the road, and three magnetic sensor counters which respond to the metal in a vehicle. Eight Jamar TRAX 1 Plus pneumatic traffic counters were used for the majority of the traffic counts. To minimize damage to the rubber tubes placed across the unpaved roads by abrasion from heavy vehicles rolling over rough ground, gravel, or sharp stones, Jamar RoadRAMP Ruraltm pneumatic tubes were used in place of the standard road tubes where necessary. This product consists of a rubber ramp, covered by wear-resistant tape, that contains a built-in road tube.

Three Trafx magnetic vehicle counters were also used for vehicle counts. These units were buried in the middle or on the side of an unpaved road. To verify the proper operation of the Trafx vehicle counters, comparative counts were done using both a Jamar pneumatic counter and a Trafx counter on a sample of one out of ten unpaved roads.

Each traffic count sampling period was 3 days, and the equipment was checked twice daily during the counts for proper performance and placement. Each 3-day count included 2 weekdays and 1 weekend day. Eleven traffic counters were used to produce approximately 30 traffic counts for approximately 30 representative private unpaved roads.

The traffic counts were performed over a period of 2 to 3 weeks beginning October 11, 2005 as follows:

TABLE 6-1. UNPAVED ROADS SELECTED FOR TRAFFIC COUNTS

Site No.	GPS Coordinates Starting Point	Starting Point Location	GPS Coordinates Ending Point	Ending Point Location
1	007-54-207 E 267-27-485 N	W Sunset Rd & S Tenaya Way	007-54-135 E 267-29-113 N	Sundown Glen Ave & S Tenaya Way
2	00751-954 E 267-30-084 N	W Patrick Ln & Buffalo Dr	007-51-186 E 267-30-053 N	W Patrick Ln & W of Maccan St
3	007-51-415 E 267-32-686 N	W Russell Rd & Buffalo Dr	007-51-506 E 267-28-698 N	N of W Sunset Rd & Buffalo Dr
4	007-40-665E 267-22-705 N	Boulder Opal Ave & S Fort Apache Rd	007-40-701 E 267-22-055 N	W Warm Springs Rd & S Fort Apache Rd
5	007-46-123 E 267-14-040 N	W Wigwam Ave & S Durango Dr	007-44-935 E 267-13-969 N	W Wigwam Ave & S Riley St
6	007-44-935 E 267-13-969 N	W Wigwam Ave & S Riley St	007-44-817 E 267-12-723 N	W Ford Ave & S Riley St
7	007-29-018 E 267-11-968 N	W Torino Ave & W of Fortney Rd	007-29-985 E 267-11-959 N	W Torino Ave & Kulka Rd
8	007-35-215 E 267-10-233 N	Blue Diamond Rd. & S Hualapai Way	007-35-205 E 267-08-527 N	Serene Ave & S Hualapai Way
9	007-35-205 E 267-08-527 N	Serene Ave & S Hualapai Way	007-33-178 E 267-08-552 N	Serene Ave & Orduno St
10	007-67-129 E 267-07-450 N	Gary Ave & S Decatur Blvd	007-65-930 E 267-07-433 N	Gary Ave & Edmond St
11	007-82-971 E 266-94-902 N	N of St. Rose Pkwy & Bermuda Rd	007-82-933 E 266-96-935 N	Liberty Heights & Bermuda Rd
12	007-80-277 E 266-97-699 N	Chartan Ave & Gillespie St	007-80-274 E 266-96-465 N	Starr Ave & Gillespie St
13	007-71-164 E 267-14-783 N	Wigwam Ave & Hinson St	007-72-935 E 267-14-822 N	Wigwam Ave & W of Procyon Ave
14	008-23-366 E 267-62-752 N	Stewart Ave & Los Feliz St	008-24-011 E 267-62-751 N	Stewart Ave & Probst Way
15	008-03-262 E 267-77-293N	Cartier Ave & Lincoln Rd	008-03-586 E 267-77-296 N	Cartier Ave & Desert Edge St
16	007-83-400 E 267-79-772 N	Brooks Ave & Revere St	007-34-404 E 267-79-471 N	N of Rev Wilson Ave & Revere St
17	007-67-009 E 268-18-722 N	N Decatur Blvd @ NE corner of power station	007-66-888 E 268-23-308 N	N Decatur Blvd & S of water tower section
18	007-66-896 E 268-23-897 N	N Decatur Blvd & N of water tower section	007-66-976 E 268-25-028 N	N Decatur Blvd & short distance N towards mine
19	007-64-571 E 268-19-988 N	Gilbert Ln & Bradley Rd	007-61-767 E 268-21-377 N	Gilbert Ln & Jones Blvd
20	007-59-870 E 268-17-882 N	Maggie Ave & Mustang St	007-59-851 E 268-18-522 N	Iron Mountain Rd & Mustang St
21	007-59-235 E 268-18-583 N	Iron Mountain Rd & N Torrey Pines Dr	007-61-771 E 268-18-436 N	Iron Mountain Rd & Jones Blvd
22	007-59-896 E 268-15-728 N	Horse Dr & Mustang St	007-57-996 E 268-15-770 N	Horse Dr & Gareheim St
23	007-56-003 E 268-10-902 N	Donald Nelson Ave & Balsam St	007-55-995 E 268-10-306 N	Farm Rd & Balsam St

TABLE 6-1. (continued)

Site No.	GPS Coordinates Starting Point	Starting Point Location	GPS Coordinates Ending Point	Ending Point Location
24	007-55-305 E 268-04-941 N	Deer Springs Way & Rio Vista St	007-55-284 E 268-03-762 N	Rome Blvd & Rio Vista St
25	007-54-410 E 268-01-296 N	W Azure Dr & Starlight Dr	007-54-424 E 268-00-114 N	W Tropical Pkwy & Starlight Dr
26	007-54-856 E 268-00-109 N	W Tropical Pkwy & Moonlight Dr	007-54-861 E 268-00-741 N	S of W Azure Dr & Moonlight Dr
27	007-61-078 E 267-98-956 N	Corbett St & N Bronco St	007-61-582 E 267-98-894 N	Corbett St & Jones Blvd
28	007-61-020 E 267-93-782 N	S of W Washburn Rd & N Bronco St	007-61-020 E 267-92-992 N	W La Madre Way & N Bronco St
29	007-32-545 E 268-05-347 N	Deer Springs Way & Alpine Ridge Way	007-32-554 E 268-04-741 N	Deer Springs Way & Bath Dr
30	007-33-917 E 268-04-366 N	Deer Springs Way & Egan Crest Dr	007-33-917 E 268-04-725 N	Tate & Egan Crest Dr
31	007-39-244 E 268-13-393 N	Gilcrease Ave & N Tee Pee Ln	007-39-242 E 268-12-740 N	Grand Teton Dr & N Tee Pee Ln
32	007-45-860 E 268-02-132 N	Regena Ave & Grand Montecito	007-44-228 E 268-02-108 N	Regena Ave & E of N Juliano Rd
33	007-45-620 E 268-00-179 N	W Tropical Pkwy & W of N Durango Dr	007-45-250 E 268-00-168 N	W Tropical Pkwy & N Bonita Vista St
34	007-42-800 E 267-99-451 N	Corbett St & W of N El Capitan Way	007-42-135 E 267-99-432 N	Corbett St & E of Campbell Rd
35	007-42-472 E 267-99-439 N	Corbett St & N Kevin Way	007-42-476 E 267-99-743 N	S of W Tropical Pkwy & N Kevin Way
36	007-40-571 E 268-01-417 N	Fort Apache Rd & Azure Dr	007-40-878 E 268-01-426 N	Dapple Gray and Azure Dr
37	007-22-802 E 268-21-429 N	Rantool St & Log Cabin Way	007-21-867 E 268-21-415 N	Nickelson St & Log Cabin Way
38	007-31-246 E 268-23-682 N	Trails End Way & Power Transfer Station	007-33-260 E 268-24-104 N	Trails End Way & Frontage Road

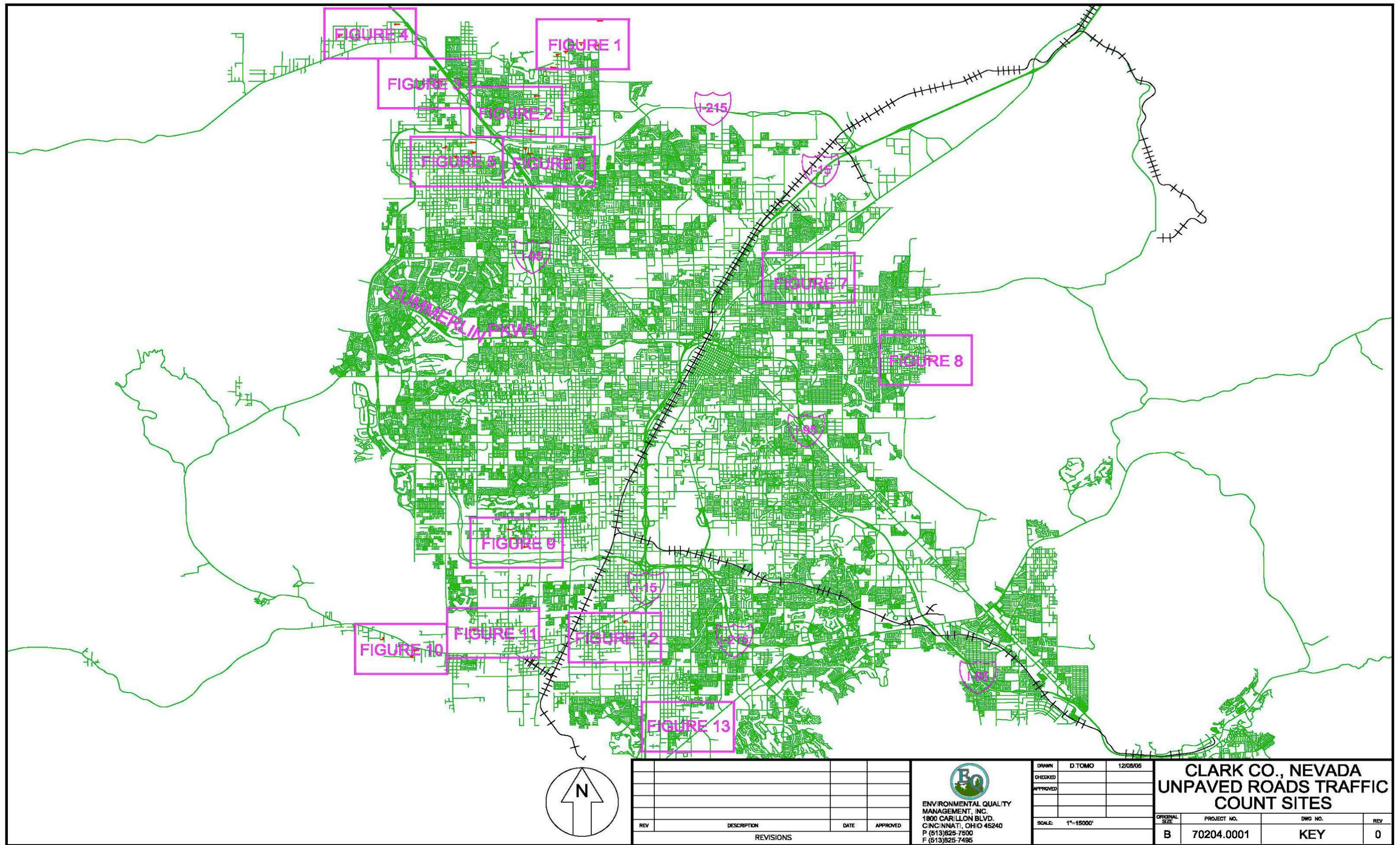


Figure 6-1. Unpaved Road Traffic Count Sites

1. Receive and check equipment	October 11-12, 2005
2. Set up equipment for counts 1 through 10	October 13-15
3. Traffic counts 1 through 10	October 16-18
4. Set up for counts 11 through 20	October 19
5. Traffic counts 11 through 20	October 20-22
6. Set up for counts 21 through 30	October 24-26
7. Traffic counts 21 through 30	October 27-29
8. Makeup counts	November 3-5

The one-tube layout was used with the pneumatic counters to collect the traffic data for the unpaved roads. One tube was placed and anchored across both lanes of traffic. This layout collected traffic volume information only and did not detect direction, speed, or type of vehicle. The traffic counter was set for a straight axle count (as opposed to the divide-by-two setting). For the unpaved roads with a high traffic count, it was assumed that each two counts denote one vehicle. For traffic counts less than about 50 ADT, the data was reviewed and vehicles were counted based on the time interval between axles crossing the tube. The TrafX magnetic counter parameters were set for low volume conditions to prevent double counting for large vehicles. Vehicle types (i.e., two axle, four axle, etc.) traveling the road will be noted during the twice per day equipment checks if applicable. Because of the small traffic volume expected on most unpaved roads, it was not practical to develop detailed traffic-type information.

The traffic count data from the TRAX 1 Plus and TrafX traffic counters were downloaded to a computer following each traffic count. Each traffic counter time stamps the raw data and also stores the traffic count data until cleared from the memory.

The data survey forms shown in Appendix H were used to record traffic counts and auxiliary information as follows:

- Traffic counter location (GPS coordinates)
- Date and start/stop times
- Individual person developing traffic count data
- Road width and condition (e.g., 12-ft width with vegetated center area; well-used road)
- Road length (measured by truck odometer)
- Vegetation surrounding private road (e.g., type, character, height, coverage)
- Land identification including land use (e.g., construction site, mining area, open desert)
- Likely purpose of road (e.g., recreational traffic; construction traffic)
- Traffic count between start and stop times, and translated to ADT
- Comments (e.g., vehicle types using road, developing or undeveloped area, speed limit if available)
- Photographs of road area where counter is located

7.0 RESULTS OF PRIVATE UNPAVED ROAD ANALYSIS

7.1 Identified Roads and Areas of Concentration

A GIS layer of private unpaved roads was produced for this project. The GIS layer was developed in conjunction with GIS layers (provided by Sharon Rice of GISMO) that showed the location of a subset of private unpaved roads. Thus, the GIS layer produced through this project was only for previously unmapped private unpaved roads.

The mapping of private unpaved roads was done with the 2-foot pixel aerial photography from the GISMO archive. The roads were mapped by visually examining the digital aerial photography (outside the boundaries of Las Vegas, North Las Vegas, Henderson, and Nellis Air Force Base) and digitizing all unpaved roads 22 feet wide or greater. A total of 158 miles of unpaved private roads were identified.

Even though aerial photography was not available for the entire HB 212 area, analysis of the photography showed the absence of roads well before the boundary of the photography was reached. Therefore, it can be concluded that the roads identified represent the entire HB 212 area. To be considered as a road, a minimum width of 22 feet was required. This eliminated bike paths, trails, and off-road disturbances.

7.2 Average Daily Traffic Results

ADT for each of the roads selected is presented in Table 7-1. For those roads using both the Jamar and TrafX counters, the data from the Jamar counters was used. Figure 7-1 shows an overview of the 160 miles of private unpaved roads. Figure 7-2 presents an example of unpaved roads identified by the aerial photography analysis. The red lines represent unpaved roads not identified in the county GIS system.

ADT ranged from 2 to 599 ADT. Three of the counts were greater than 150 ADT (402 ADT for Site 11, 210 ADT for Site 15, and 599 ADT for Site 33).

The ADT agreement between the Jamar and TrafX counters was very good for those roads with ADT less than 150 (32 vs. 33 ADT for Site 9, 8 vs. 7 ADT for Site 32, and 72 vs. 71 ADT for Site 36). At Site 15, ADT based on the Jamar count was 210 and ADT based on the

Trafx count was 173. This difference is believed to be due to the low traffic settings on the Trafx counters. A few of the sites originally selected were not used for traffic counts due to the road segment being paved (Sites 12, 28, 29, and 35) and heavily used by construction equipment and blocked on a dead end street (Sites 16 and 30).

TABLE 7-1. AVERAGE DAILY TRAFFIC COUNTS

Site No.	Traffic Count Data							Counter	ADT
	Sun	Mon	Tues	Wed	Thur	Fri	Sat		
1	6	13	22					EQ01	13.7
2	9	27	23					J 1	19.7
3	21	60	54					J 2	45.0
4	Construction area - Road extremely active with earthmoving equipment - Did not use								
5&6	12	32	28					J 3	24.0
7	23	24	26					EQ02	24.3
8	50	140	89					J 5	93.0
9 a	34	32	29					J 4	31.7
9 b	34	36	28					EQ03	32.7
10	27	28	79					J 7	44.7
11	203	493	511					J 8	402.3
12	Did not use								
13	40	43	53					J 6	45.3
14					96	105	80	J 8	93.7
15 a					249	172	208	J 7	209.7
15 b					189	153	177	EQ03	173.0
16	Berm added (Dirt) - Access to unpaved road blocked								
17					58	84	137	EQ02	93.0
18					16	12	28	J 6	18.7
19					33	33	30	J 5	32.0
20					17	18	26	EQ 01	20.3
21					4	4	7	J 4	5.0
22					45	43	43	J 3	43.7
23					13	20	12	J 2	15.0
24					89	73	53	J 1	71.7
25					11	15	5	J 3	10.3
26					70	45	61	J 2	58.7
27					6	7	10	J 1	7.7
28	Old pavement - broken up - did not use								
29	Did not use								
30	Dead end street = did not use								
31					68	61	19	J 6	49.3
32 a					10	12	1	J 4	7.7
32 b					10	9	2	EQ01	7.0
33					642	693	463	J 5	599.3
34					11	11	12	EQ02	11.3
35	Did not use								
36 a					91	76	50	J 1	72.3
36 b					84	74	56	EQ01	71.3
37					35	33	23	J 7	30.3
38					3	3	0	J 8	2.0
	ADT Excluding Sites 11, 15a, 15b, and 33 (ADT >150)								36.4
	ADT Including Sites 11, 15a, 15b, and 33 (ADT >150)								73.2

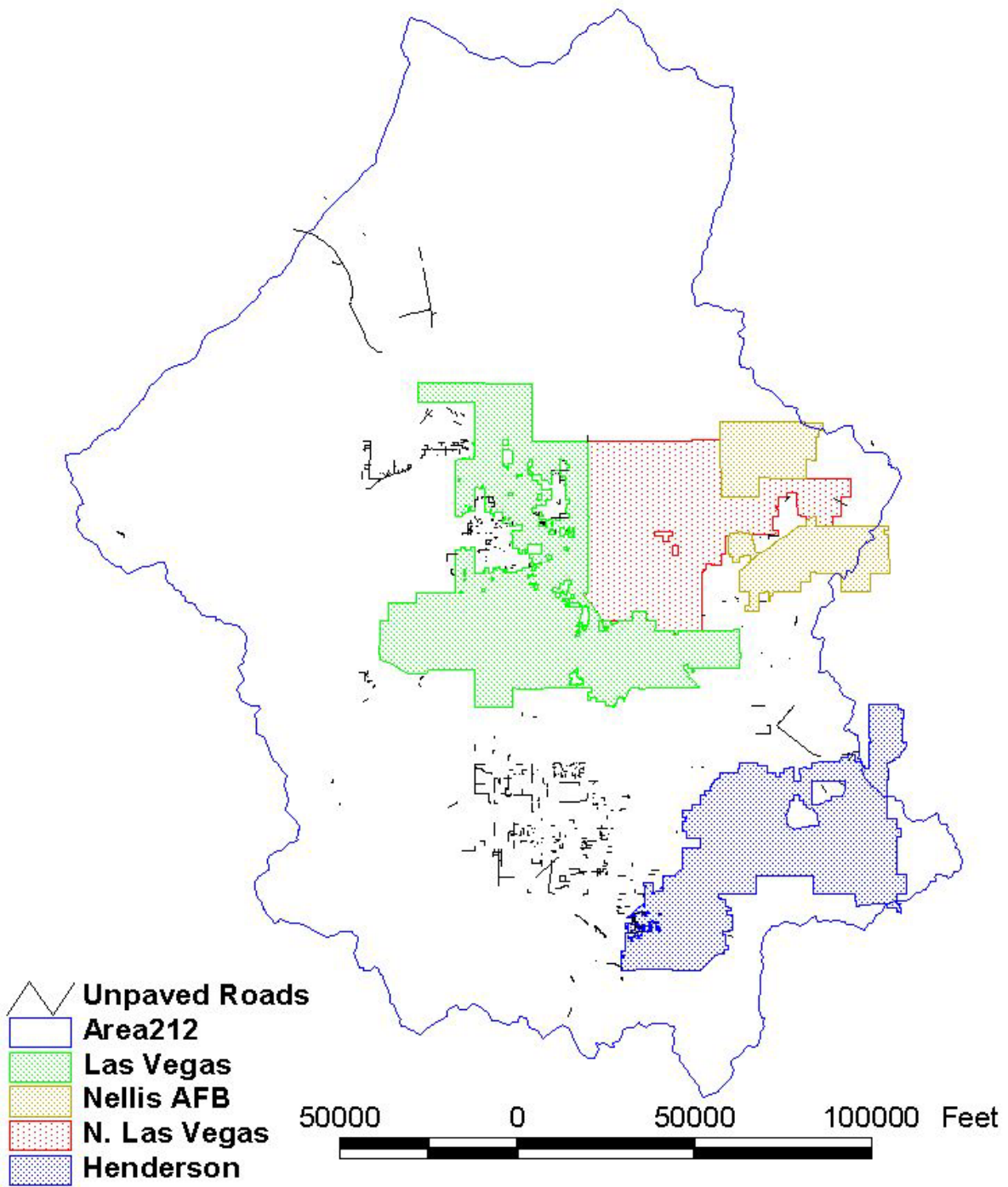


Figure 7-1. Overview of 160 Miles of Private Unpaved Roads

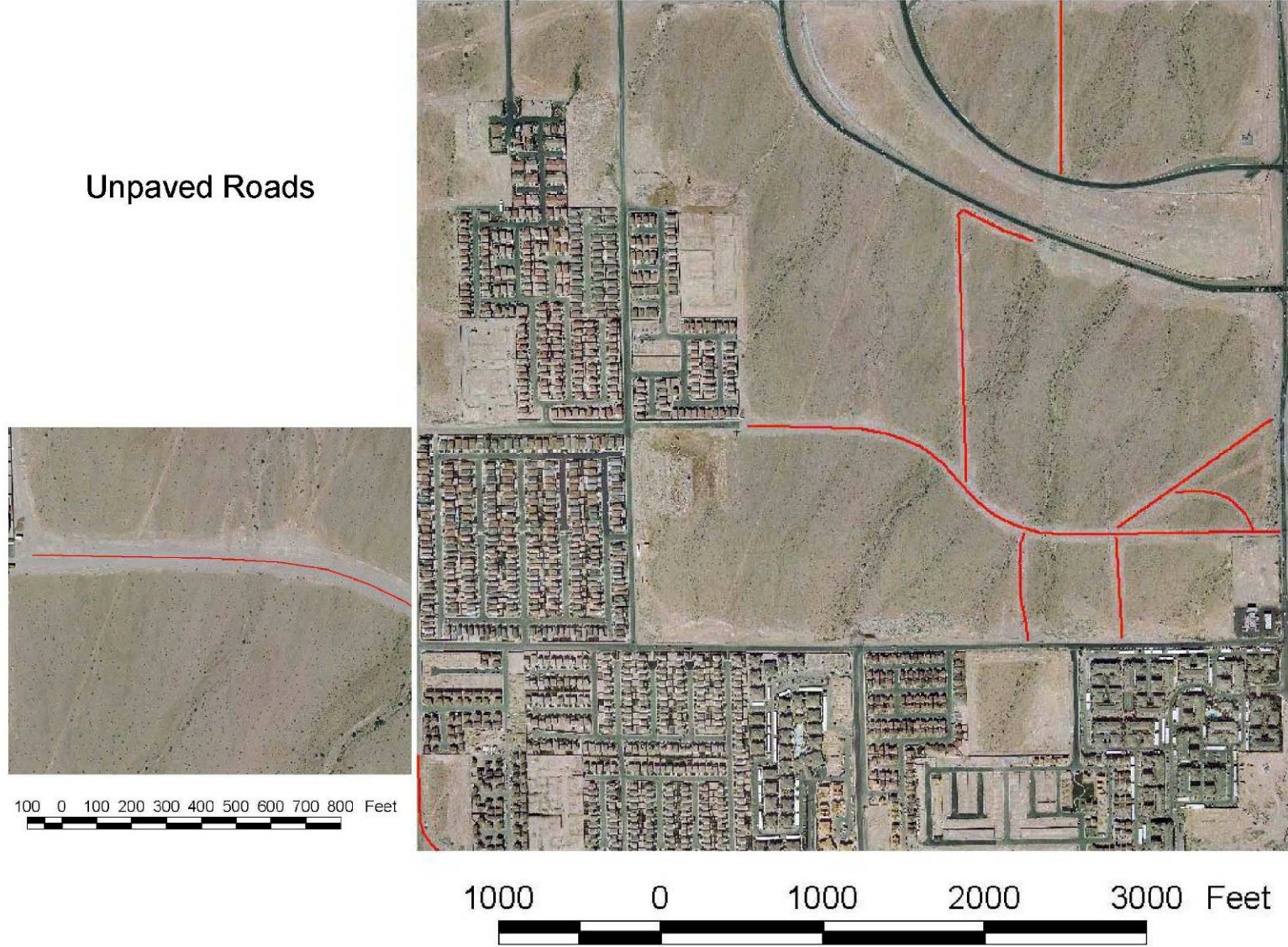


Figure 7-2. Example of Unpaved Roads Identified by Aerial Photography Analysis

8.0 CONCLUSIONS

- The Clark County emission inventory calculation procedure requires an inventory of erodible land areas in Las Vegas Valley (Hydrographic Area 212)
 - Native desert (natural state)
 - Disturbed, unstabilized vacant land (loss of surface protection)
 - Disturbed, stabilized vacant land (restoration of surface protection)
 - Private unpaved roads (dirt or gravel)
- WEG values developed by USDA/NRCS to indicate the susceptibility of surface soil to blowing (nine WEG values) are useful only for disturbed unstable land.
- Soil blowing is correlated with:
 - Soil texture
 - Organic matter content
 - Effervescence due to carbonate reaction with HCl
 - Rock and pararock fragment content
 - Mineralogy
 - Soil moisture and frozen soil
- Supervised classification gives reliable results for mapping all land categories except for disturbed unstable lands that constitute less than 1 percent of the total land area.
- Stratified random sampling, used with aerial photography, is an effective approach to generate reference data for accuracy assessment.

8.1 Vacant Lands

Table 8-1 summarizes the land classifications for HB 212 derived from the classified imagery based on the Landsat view of June 26, 2005.

TABLE 8-1. LAND CATEGORIES

Land Category	Percent of HB 212	Square Kilometers
Native Desert	47.6	1,897.1
Disturbed Unstable Vacant Land	Less than 1.1	Less than 45.3
Stabilized Vacant Land	3.1	122.8
All Other	48.2	1,918.6

The “all other” category includes wash areas (9%), concrete (0.7%), urban area (4.8%), vegetation (0.9%), and barren shadow (32.8%). Barren shadow is largely comprised of

mountainous and/or rock areas plus shadowed areas. The amount of disturbed unstable vacant land is significantly less than previously reported. This is attributed to several factors:

1. A probable over-estimation in the past given the qualitative methods available at that time.
2. The success of the enforcement program requiring contractors to utilize stabilization techniques during construction.
3. The higher than average rainfall in the Valley during 2004 and 2005.

8.2 Applicability Limitations of WEG Classification

As part of the subject project, data obtained from UNLV wind tunnel tests was analyzed to investigate the dependence of the PM-10 flux rate on the WEG category. Results for both undisturbed and disturbed (manually raked) surfaces were evaluated. The results of the analysis showed that no clear dependence of the flux rate on WEG is observable for either disturbed or undisturbed surfaces. The spike results also showed no observable correlation with WEG.

It should be noted that the WEG classification of the wind tunnel test areas appears to be based on soil classification maps, and not on actual analysis of the soils that were tested. In the ground truthing work under the current project, little if any correlation was found between the WEG map classification and the actual analysis results for soil samples collected from the test sites as noted earlier in Table 2-3.

It is important to note that the WEG classification was developed in an agricultural context and was designed to predict total soil erosion and not PM-10 emissions. For example, loose sandy soils (WEG 1) are the easiest to move by the wind, but typically do not have a large PM-10 component, in comparison with other soil types. This observation is supported by field tests using the MRI wind tunnel in California's Antelope Valley (western Mojave Desert).

8.3 Private Unpaved Roads

A second phase of the project involved the identification of unpaved roads in HB 212 which were not already in the Clark County GIS. Roads were identified through 2-foot pixel aerial photography supplemented by field surveys. Roads had to be a minimum of 22 feet wide to be considered as a road. A sample of 30 road segments was selected on which to perform

traffic counts. The 30 segments were selected to be representative based on usage. All 30 segments were in the urban area and in areas of expanding home building. A total of 160 miles of unpaved roads was identified. Excluding three sites with ADT counts exceeding 150, the average daily traffic count was 36.

8.4 Inventory Accuracy Assessment

The accuracy assessment indicates a high level of classification accuracy. Lower values of classification accuracy were achieved in the user's accuracy for the disturbed stable category. The error matrix indicated that samples for the "wash" category (natural drainage) were included in the disturbed stable category (an error of commission). Considering the definition of disturbed stable, the wash/natural drainage land cover can also satisfy the definition of disturbed stable. Wash/natural drainage areas are disturbed by infrequent overland drainage and then can stabilize during the interval between rainfalls. In summary, the overall, producer's, and user's accuracy indicate an acceptable level of confidence in the classification process and the derived areas of the land cover types (Table 5-2).

8.5 Protocol for Inventory Updating

The mathematical procedure that Clark County uses to calculate PM-10 emissions from wind erosion of vacant lands utilizes a series of emission factor equations for the various land categories: native desert, disturbed stable vacant land, and disturbed unstable vacant land. Each of these categories is assigned a set of emission rates that depend on the wind speed, as developed from on-site wind tunnel tests. The extent of source measures utilized in these calculations is the areal extent of each land category.

This project has generated procedures that can be replicated to develop updated land area values as development in the Las Vegas Valley continues. The procedures utilize Landsat 5 TM imagery that can be purchased for all of Clark County at a modest price. Then the spectral signatures of the different land categories can be used to map each land category corresponding to the time of imagery acquisition. This provides not only the total area of each land category, but also the spatial distribution of each category within the boundaries of Hydrographic Area 212.

The same is true for the procedure used to locate uninventoried segments of private unpaved roads. However, the procedure is much more labor intensive in that it involves careful inspection of aerial photographs to find road segments that meet the identification criteria and are not contained in the GIS layer for private unpaved roads. It should be noted that private unpaved roads tend to cluster around land development projects, and many such roads are paved as the area development continues.

This project has provided a protocol for updating the source extent measures needed to develop future inventories of wind generated particulate emissions from vacant lands and traffic-generated emissions from private unpaved roads. The same source extent measures are also appropriate for the development of particulate emission inventories for other particle size fractions, provided that the applicable emission factor equations contain adjustment factors for application to the desired size fractions.

9.0 REFERENCES

Congalton, R.G., and K. Green. 1999. *Assessing the Accuracy of Remotely Sensed Data: Principles and Practices*, CRC Press.

June 2001 PM₁₀ State Implementation Plan for Clark County, Appendix B - Emission Inventories, Methodology, Emission Factors, and Emission Estimates, Page B-37 Native Desert Fugitive Dust, and Appendix C – Section II, Estimation of Valley-Wide PM₁₀ Emissions Using UNLV 1995 Wind Tunnel-Derived Emission Factors, 1998-1999 Emission Factors, Revised Vacant Land Classifications, and GIS-Based Mapping of Vacant Lands, – Draft Final Report, David James, et al., Civil and Environmental Engineering Department, University of Nevada Las Vegas, September 12, 2000.

MacDougall, C.R., and M.F. Uhl. 2002. Empirical Method for Determining Fugitive Dust Emissions from Wind Erosion of Vacant Land: “The MacDougall Method.” Clark County Department of Air Quality Management.

Speck, R.L., and T.R. McKay. 1985. Soil Survey of Las Vegas Valley Area, Nevada — Part of Clark County. U.S. Department of Agriculture, Soil Conservation Service, Las Vegas.

Swain, P.H., and S.M. Davis. 1978. *Remote Sensing: The Quantitative Approach*, New York: McGraw Hill Book Company.

APPENDIX A

GLOSSARY

GLOSSARY

Airport Disposal Lands - That property owned and controlled by the Clark County Department of Aviation used primarily as a buffer for the airport proper for flight paths.

Desert Pavement - The relatively strong and durable crust of native desert land formed by a combination of natural mineralogical cementation processes in combination with rock or stone fragments. A varnish on the rocks is a coating built up over many decades by windblown clay particles containing iron and manganese combined with bacteria. Several theories exist on the formation of the stony surface ranging from deflation of finer particles to erosion by water to repeated wetting and drying cycles.

Disturbed Vacant Land (or Disturbed Soil) - Vacant land that has been disturbed by removal of the vegetation and grading, or by vehicle movement or in some other way such that the natural crust on the soil is destroyed. Disturbed land can become stabilized by natural processes such as rainfall or revegetation if it is not repeatedly disturbed.

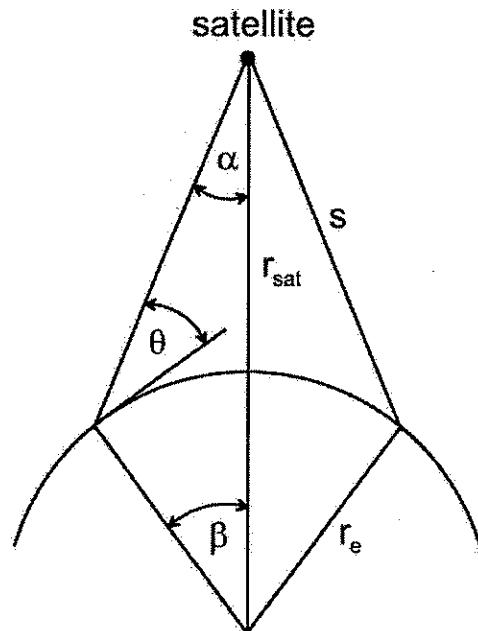
GEOTIFF Files - A standard for storing georeference and geocoding information in a TIFF 6.0 compliant raster file.

Ground Truthing - Observations and testing performed at ground level to verify the properties and parameters of a given land area for correlation to satellite imagery.

IKONOS - The trade name of the satellite used in this study, operated by a private consortium.

Multi-Spectral Satellite Imagery - Satellite data simultaneously collected in several wavelength bands.

Nadir Angle -



α = nadir angle

β = central angle

θ = elevation angle

s = topocentric slant range

r_{sat} = geocentric radius of satellite = $r_e + h_{sat}$

h_{sat} = altitude of satellite

r_e = radius of the Earth

Native Desert (or Native Desert Soil) - Desert land in its natural state that has not been disturbed by anthropogenic activities.

NITF Files - Electronic files using the National Imagery Transmission Format Standard (NITFS). NITFS is the standard for formatting digital imagery and imagery-related products and exchanging them among members of the Intelligence Community (IC), the Department of Defense (DOD), and other departments and agencies of the United States Government as governed by Memoranda of Agreement (MOA) with those departments and agencies.

Private Unpaved Roads - Roadways that are at least 22 feet in width, used for transiting from point to point with no paving of the surface. Unpaved roads may be surfaced with native soil or with aggregate materials brought into the area for road construction. Pathways used as hiking trails and off-road vehicle recreation are not considered roadways. Roadways typically will follow a property boundary, have a destination point, or provide a shortcut between unconnected paved roads. Private means roads that are not maintained by a governmental authority such as Clark County, the cities of Clark County, or NDOT. Roads designated as RS that are under BLM control are not considered private.

QuickBird - The trade name of a satellite with imagery capabilities, operated by a private consortium.

Soil Stability - That characteristic of soil that relates to the tendency to resist wind erosion. The more dust that is generated at a given wind speed, the more the soil is considered unstable. Stability is not specifically defined by a universally accepted wind speed, but a soil which emits no dust at a sustained wind speed of 25 mph would generally be considered stable.

Soil Stability Categories - Any set or grouping of soil types that is used to define the relative stability (i.e., resistance to wind erosion) of various soils. Formalized categorizations include the Soil Textural Triangle and Wind Erodibility Groups formulated by the U.S. Department of Agriculture.

Stabilized Vacant Land (or Stabilized Soil) - Vacant land that has been stabilized either by the application of palliatives, or by natural crusting or re-vegetation, or that is protected by rock cover. Stationary soils are considered stable when they are in compliance with the standard set forth in Regulation Section 90.4.

Supervised Classification - A type of classification where the image analyst "supervises" the pixel categorization process by specifying, to the computer algorithm, numerical descriptors of the various land cover types present in a scene.

Training Site - A specific area on the ground that is defined by various tests to be of a certain class of soil that can then be used to "train," or calibrate, the software that processes satellite imagery so a given spectral signature relates to a given type of land surface or cover type.

Verification Site - A verification site is the same as a training site except it is used after the imagery is classified, as an independent verification to develop an accuracy assessment of the classification procedure.

Weighted Technical Estimate (WTE) Methodology – Statistical method for determining weighted averages of observations where estimation is affected by a high degree of complexity and/or variability.

APPENDIX B

UNPAVED ROAD TRAFFIC COUNT LOCATIONS

⊗ SITE 18

SITE 19

⊗ SITE 17

SITE 21

SITE 20

⊗ SITE 22

IRON MOUNTAIN RD.

MAGGIE AVE.

MUSTANG ST.

MAVERICK ST.

HORSE DR.

JONES BLVD.

IRON MOUNTAIN RD.

BRADLEY RD.

BRADLEY RD.

UNICORN ST.

THOM BLVD.

BRENT LE.

DECATUR BLVD.



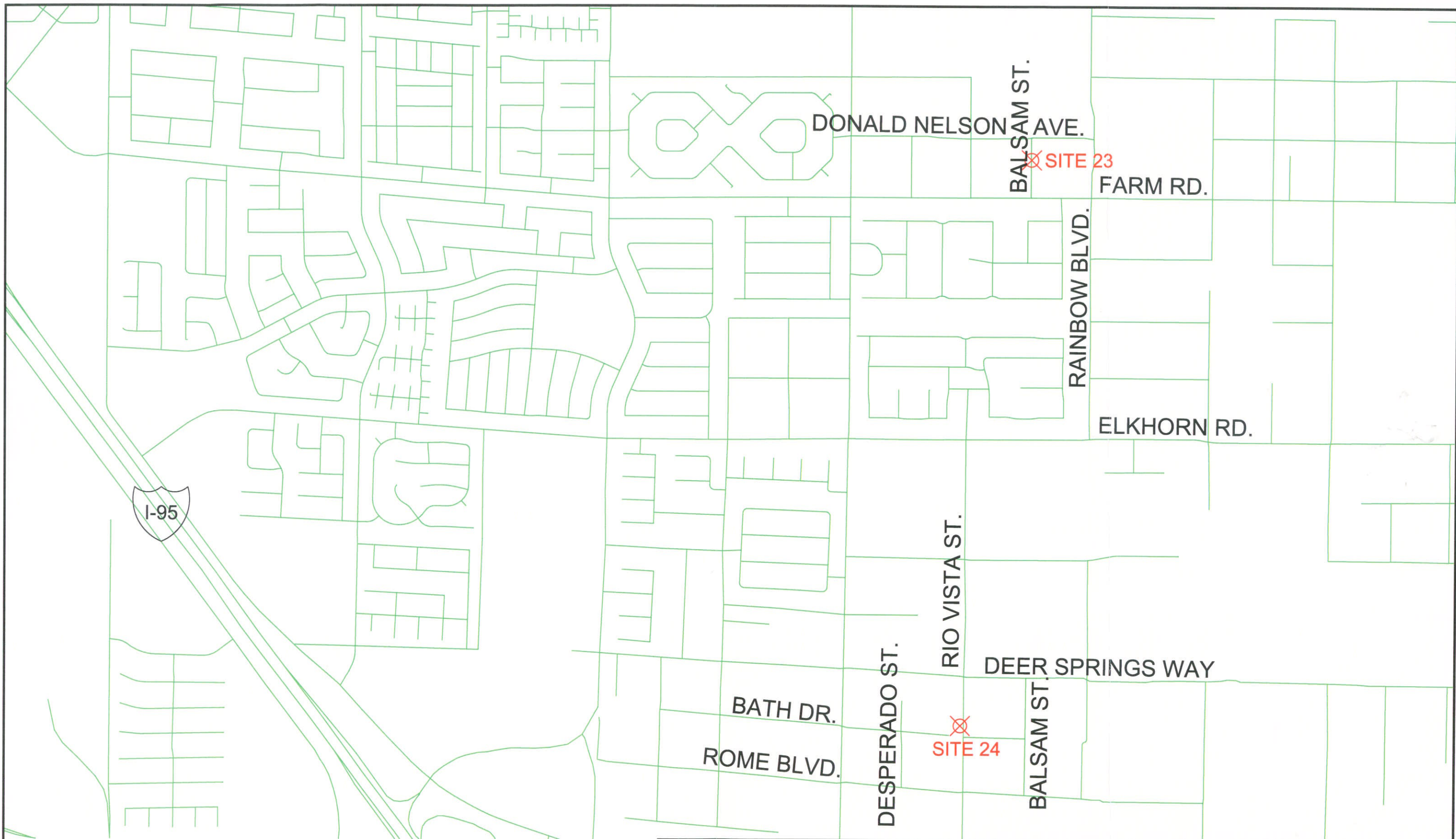
REV	DESCRIPTION	DATE	APPROVED



ENVIRONMENTAL QUALITY
MANAGEMENT, INC.
1800 CARILLON BLVD.
CINCINNATI, OHIO 45240
P (513)825-7500
F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 1	0

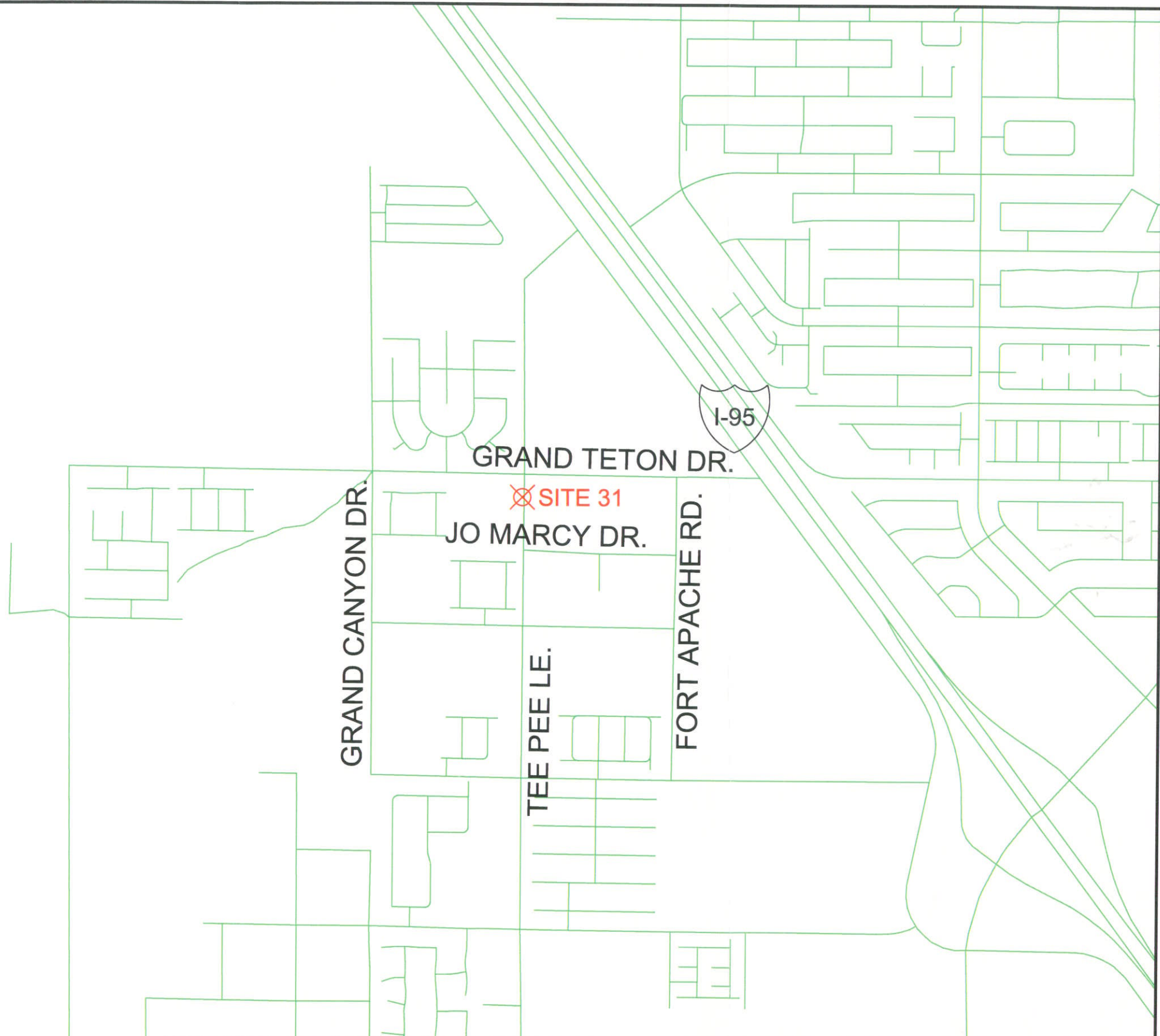


REV	DESCRIPTION	DATE	APPROVED


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 2	0

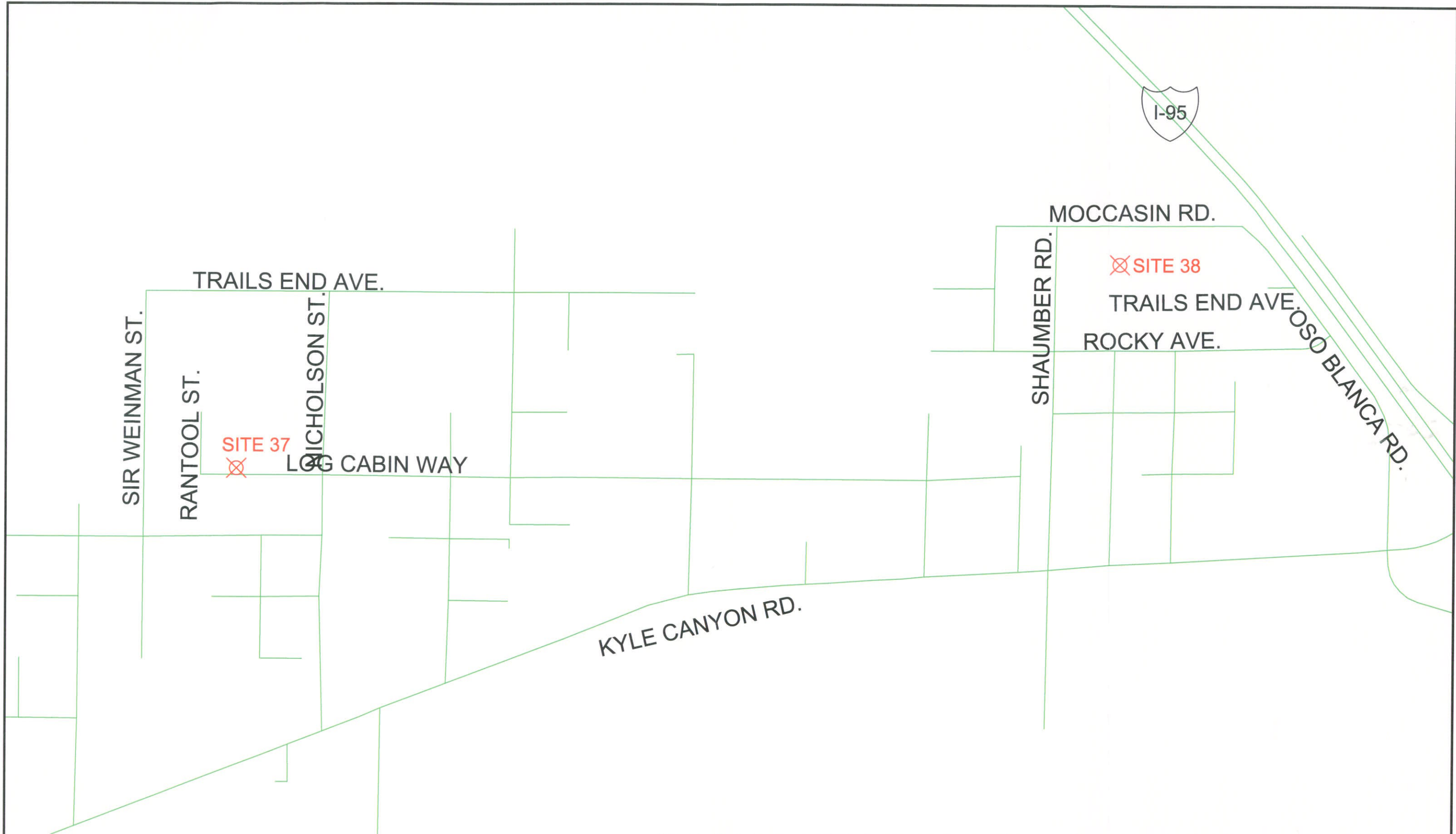


REV	DESCRIPTION	DATE	APPROVED
REVISIONS			


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG. NO.	REV
B	70204.0001	FIGURE 3	0

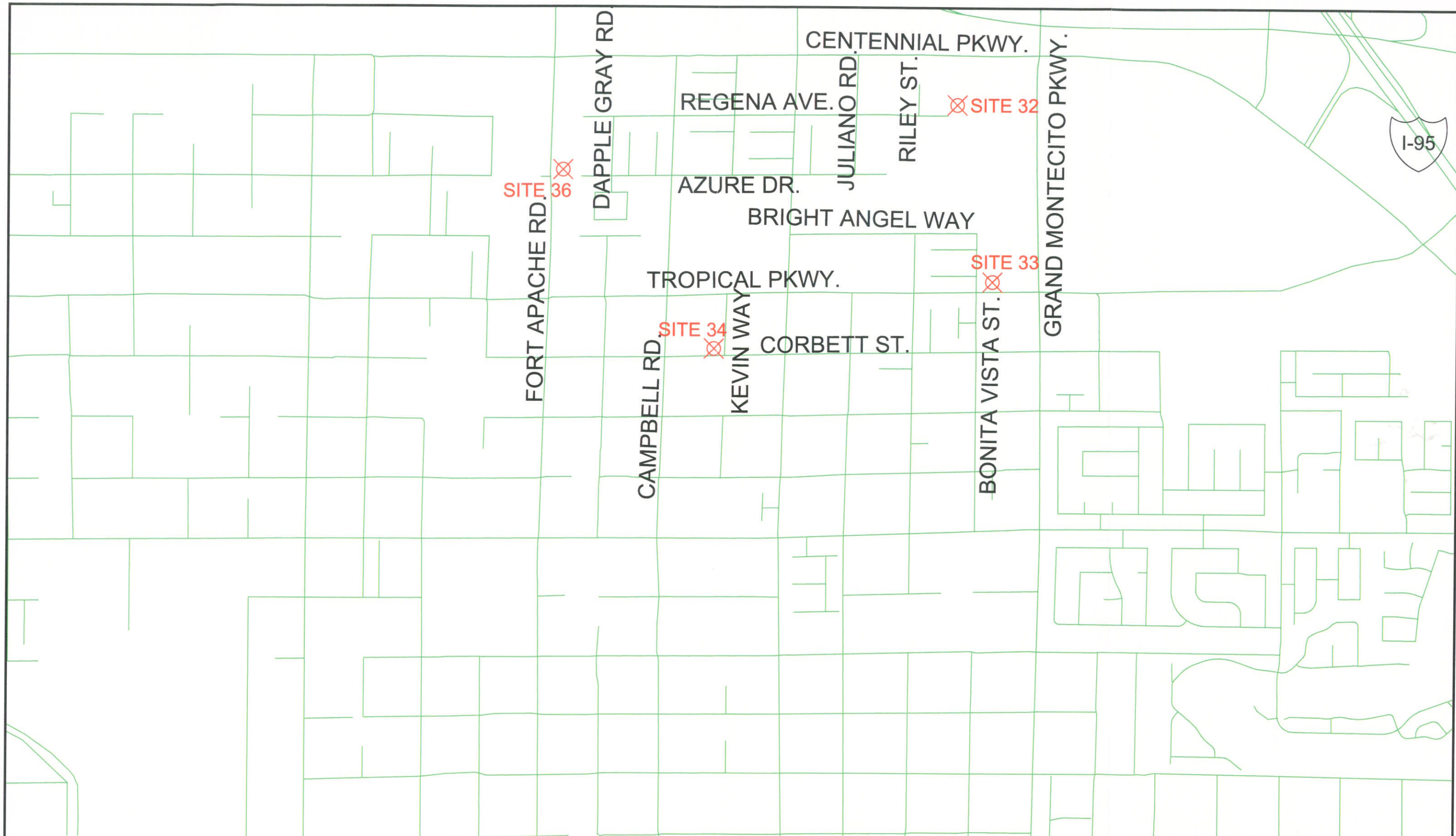


REV	DESCRIPTION	DATE	APPROVED


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 4	0



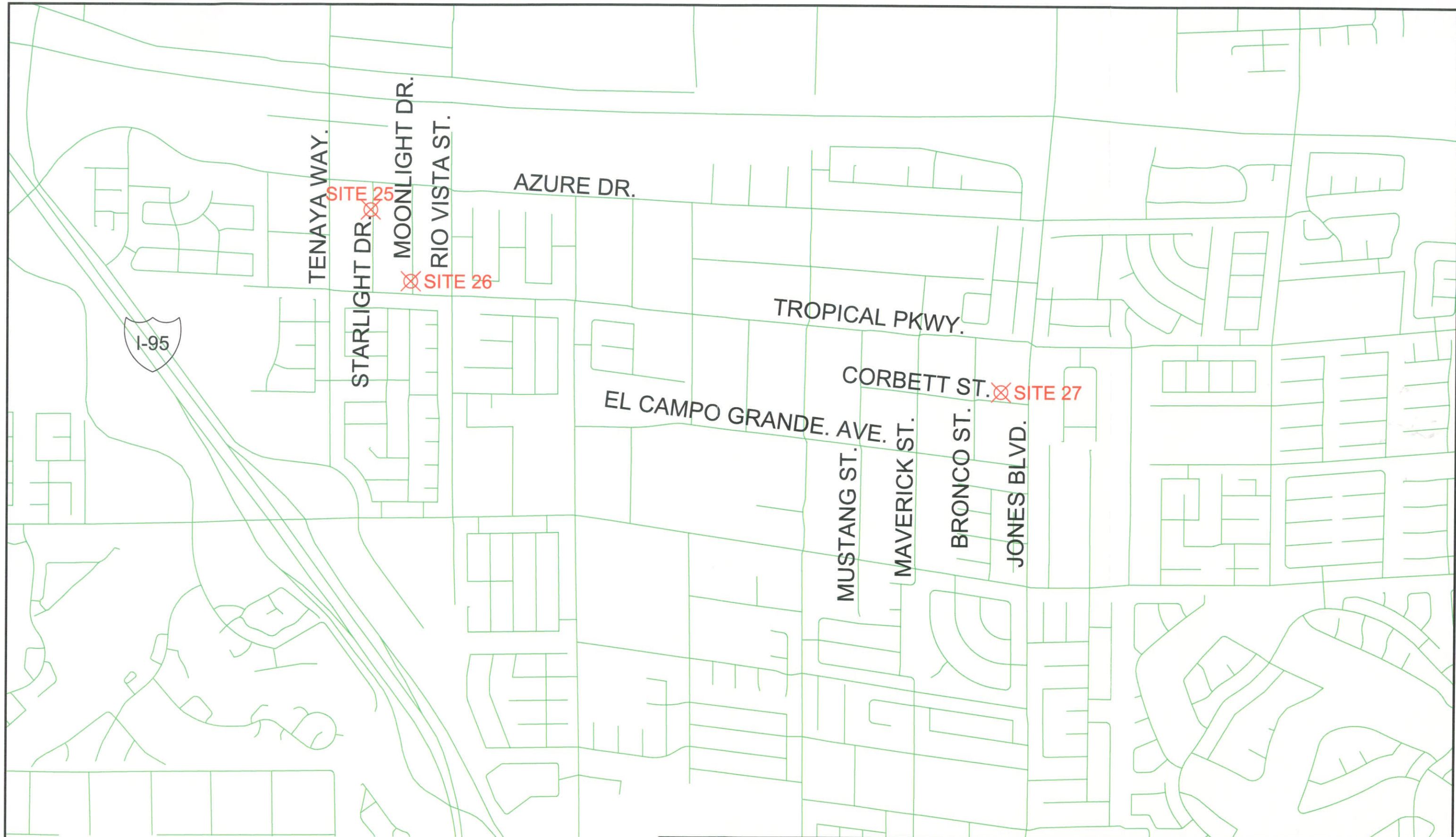
REV	DESCRIPTION	DATE	APPROVED

REVISIONS

ENVIRONMENTAL QUALITY
MANAGEMENT, INC.
1800 CARILLON BLVD.
CINCINNATI, OHIO 45240
P (513)825-7500
F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 5	0



I-95

TENAYA WAY.

STARLIGHT DR.

MOONLIGHT DR.

RIO VISTA ST.

AZURE DR.

TROPICAL PKWY.

EL CAMPO GRANDE. AVE.

MUSTANG ST.

MAVERICK ST.

BRONCO ST.

JONES BLVD.

CORBETT ST.

SITE 25

SITE 26

SITE 27



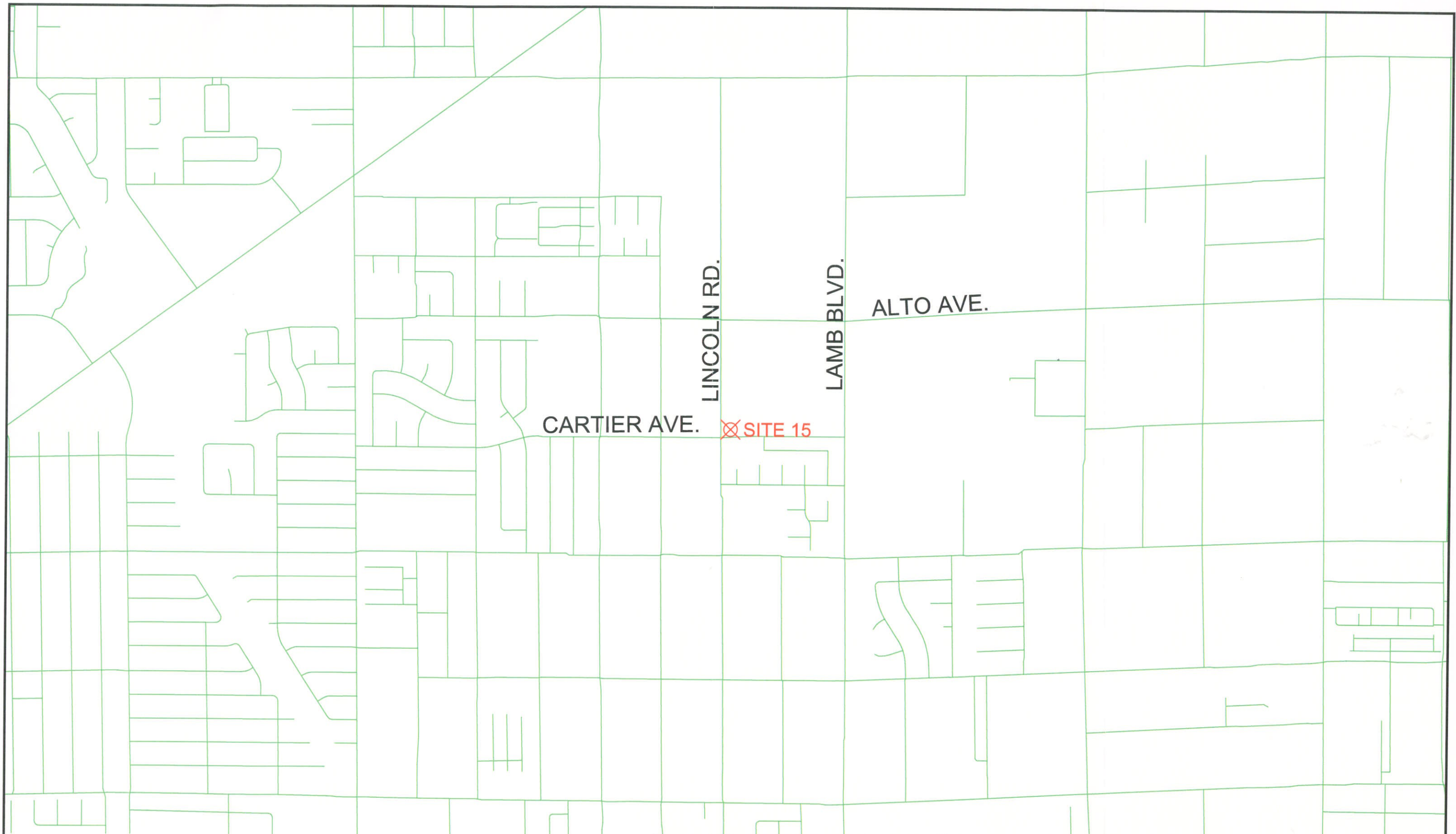
REV	DESCRIPTION	DATE	APPROVED

REVISIONS


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 6	0



CARTIER AVE. X SITE 15

LINCOLN RD.

LAMB BLVD.

ALTO AVE.

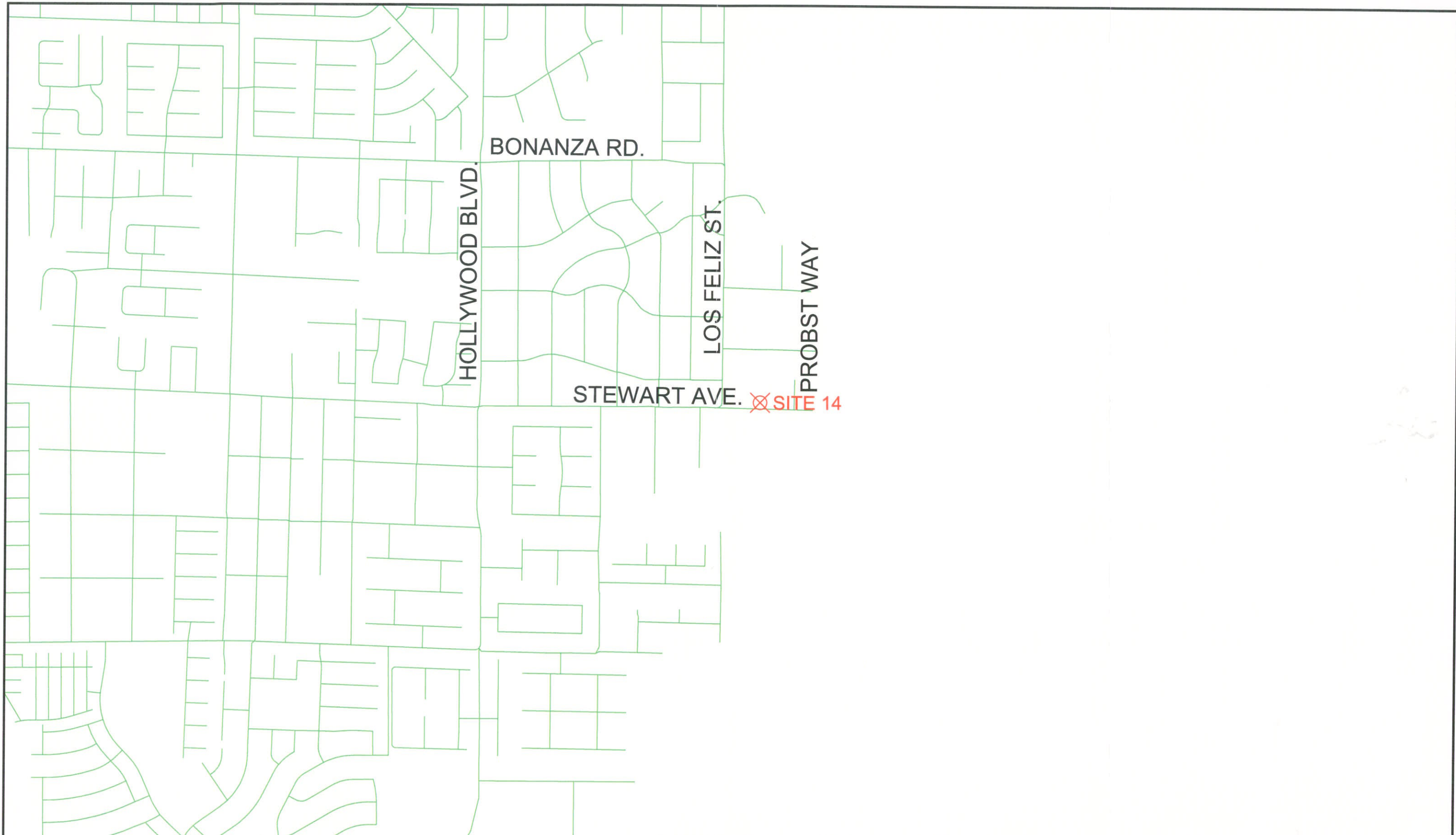


REV	DESCRIPTION	DATE	APPROVED
REVISIONS			


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 7	0



BONANZA RD.

HOLLYWOOD BLVD.

LOS FELIZ ST.

PROBST WAY

STEWART AVE. X SITE 14

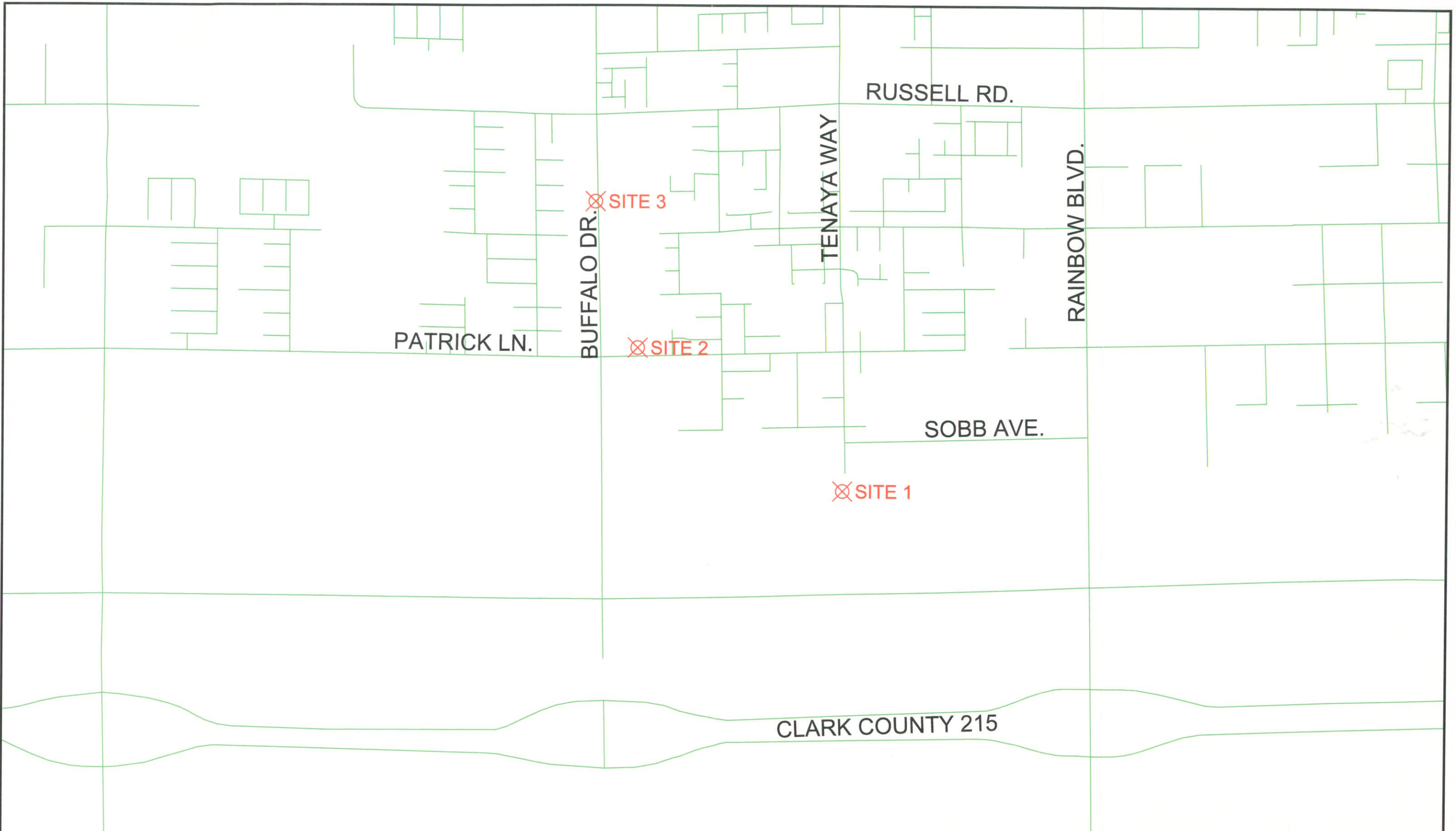


REV	DESCRIPTION	DATE	APPROVED


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG. NO.	REV
B	70204.0001	FIGURE 8	0

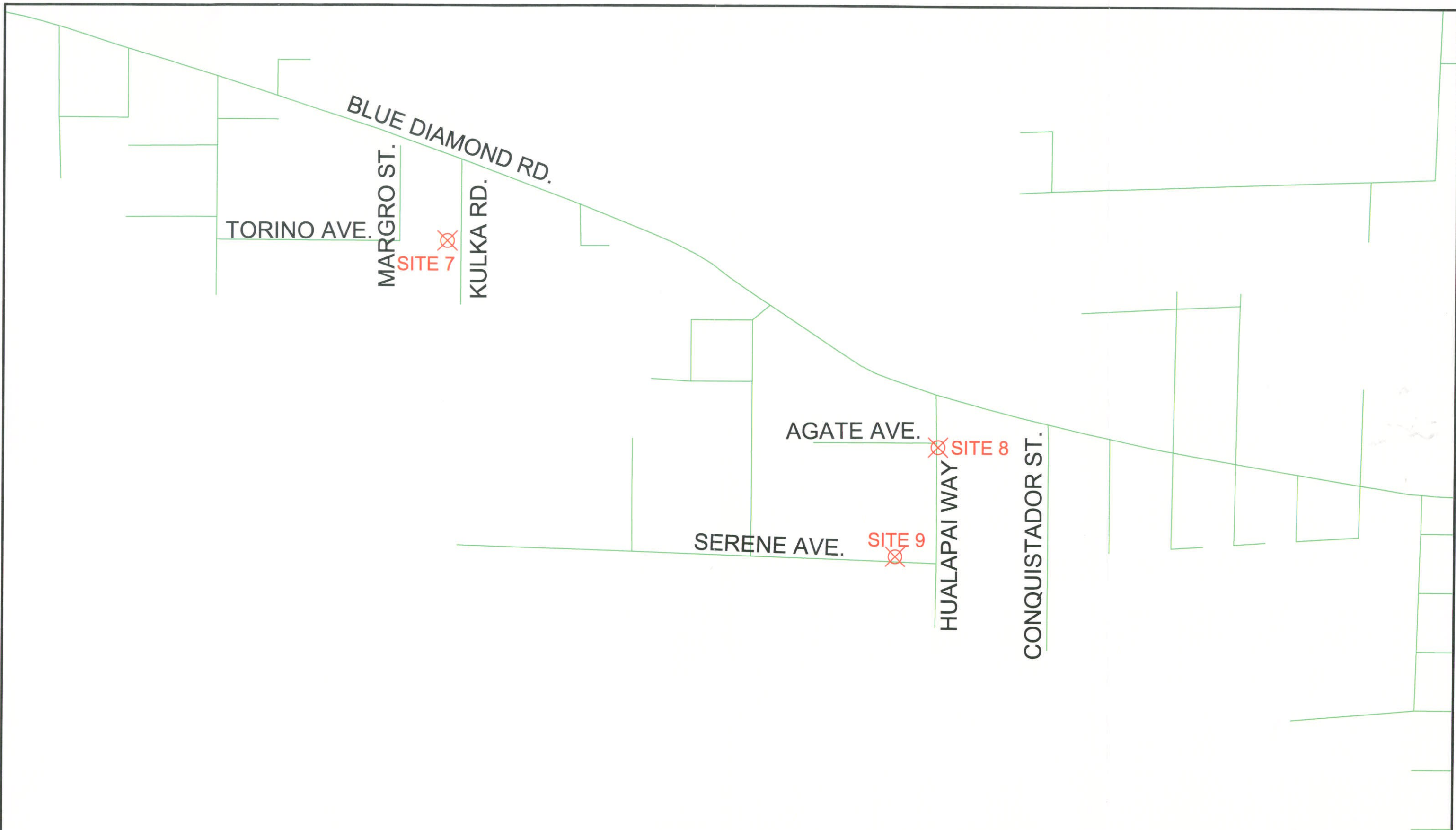


REV	DESCRIPTION	DATE	APPROVED


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 9	0

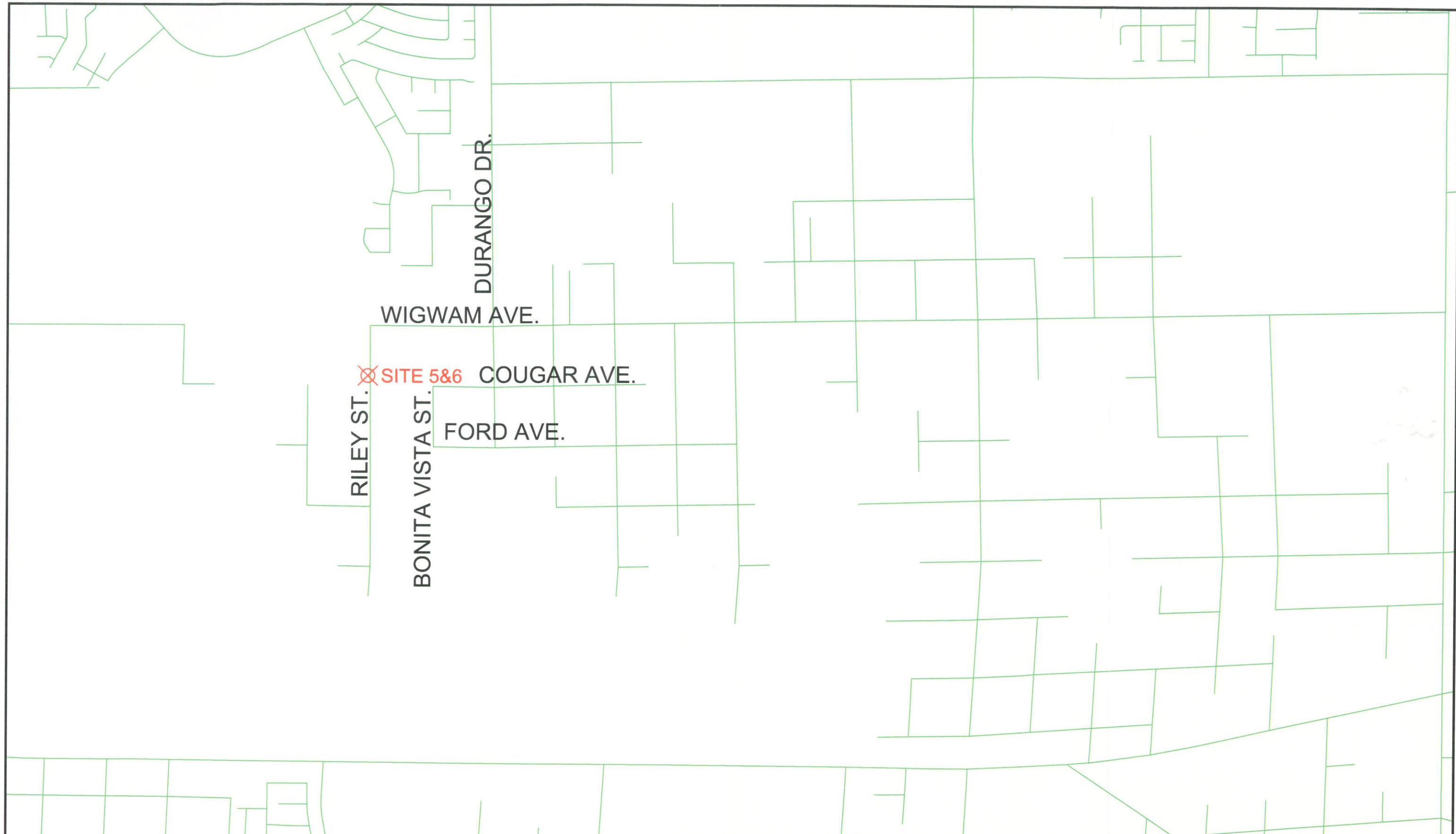


REV	DESCRIPTION	DATE	APPROVED


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 10	0



DURANGO DR.

WIGWAM AVE.

⊗ SITE 5&6 COUGAR AVE.

FORD AVE.

RILEY ST.

BONITA VISTA ST.

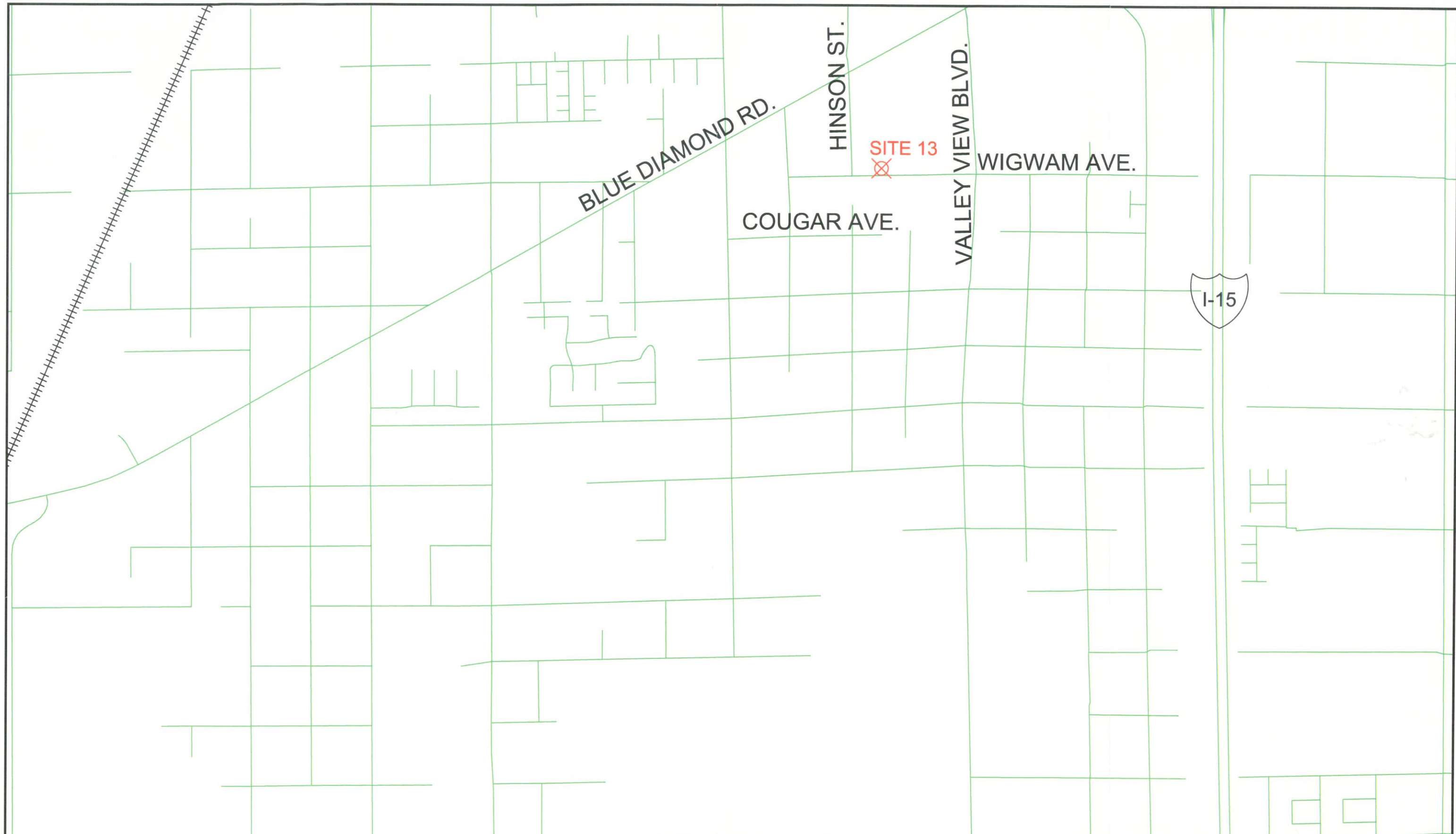


REV	DESCRIPTION	DATE	APPROVED


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 11	0



REV	DESCRIPTION	DATE	APPROVED
REVISIONS			


 ENVIRONMENTAL QUALITY
 MANAGEMENT, INC.
 1800 CARILLON BLVD.
 CINCINNATI, OHIO 45240
 P (513)825-7500
 F (513)825-7495

DRAWN	D.TOMO	12/06/05
CHECKED		
APPROVED		
SCALE:	1"=1000'	

CLARK CO., NEVADA UNPAVED ROADS TRAFFIC COUNT SITES			
ORIGINAL SIZE	PROJECT NO.	DWG NO.	REV
B	70204.0001	FIGURE 12	0

APPENDIX C

DR. JAMES WIND TUNNEL CLASSIFICATIONS

Refined Emission Factors for Native Desert and Disturbed Open Land Areas

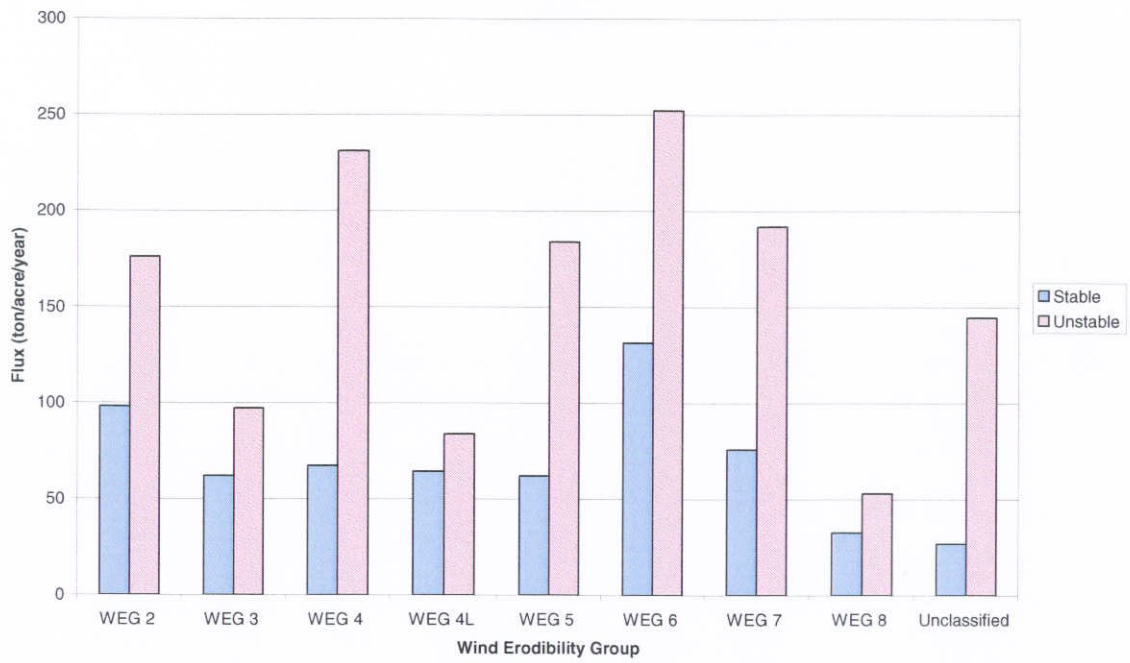
Department of Civil and Environmental Engineering

University of Nevada Las Vegas

Rosangela Wacaser, MS and David James, PhD, PE; Hyunju (Judy) Jeong, MS

Draft Final Report – July 8, 2005

PM-10 Flux For Each WEG for Stable and Unstable Conditions
at a Windspeed of 32.5 mph



Item	Description
Site Number	UNLV cumulative site numbers tested since June, 1995. The 2004 study commences with Site 111 and ends with Site 146
Cross street	Nearest major intersection. Usually listed as E-W street & N-S street
Corner	Compass direction of corner of intersection of major intersection
Test WEG	Wind Erodibility Group (WEG) classification of soils at test site. Verified by GIS overlay of GPS coordinates
W Longitude Coord	West longitude in degrees and decimal degrees (WGS 84 coordinate) system, uncorrected, from handheld GPS unit
N Latitude Coord	North latitude in degrees and decimal degrees (WGS 84 coordinate) system, uncorrected, from handheld GPS unit
	Strikeout font indicates that the site was initially selected based on review of map photos and WEG boundaries, but rejected after a site visit, usually because of access problems

Sorted by increasing UNLV Site number

SITE NUMBER	CROSS STREET	CORNER	TEST WEG	W LONGITUDE COORD	N LATITUDE COORD
WT111	Craign and Durango	NW	5	115.2800	36.2413
WT112	Alexander & Durango	NE	4	115.2782	36.2342
WT113	Cheyenne and North Valley Drive	NE	3	115.1966	36.2178
WT114	Carey & Simmons	EW	3	115.1793	36.2042
WT115	1 mile E Lamb & LV Bloulevard	SE	7	115.0719	36.2298
WT116	E Carey & N. Hollywood	0.6 mi on Carey	6	115.0160	36.2028
WT117	Desert Inn & Nellis	NW	3	115.0670	36.1293
WT118	Bonanza & Lamb	NE	4L	115.0797	36.1747
WT119	Washington & Pecos	SE	4L	115.0980	36.1805
WT120	Nellis & Charleston	SW	3	115.0654	36.1527
WT121	W Vegas Valley & S Hollywood	2 miles on HW	5	115.0179	36.1069
WT122	Palo Verde & Salsalito	NE	8	114.9631	36.0257
WT123	Sunset & Boulder	SE	5	115.0097	36.0647
WT124	Gibson & Kelso Dunes	NW	8	115.0294	36.0529
WT125	Tropicana & Sun Valley	NW	3	115.0646	36.1042
WT126	Warm Springs & Amigo	SW	2	115.1504	36.0486
WT127	Windmill & Bermuda	NE	UN	115.1543	36.0430
WT128	Windmill & Bermuda	SW	2	115.1552	36.0421
WT129	LV Boulevard in front of Mesa Verde		2	115.1728	36.0458
WT130	Windmill & Eastern	NE	3	115.1171	36.0436
WT131	Pebble & Spencer	NE	3	115.1269	36.0287
WT132	N Fifth Street & E Centennial Pk	NE	4L	115.1360	36.1145
WT133	Centennial & Losee	NE	7	115.1164	36.2768
WT134	Cactus and Bermuda	NW	4	115.1561	36.0001
WT 135	215 & Losee	NW	6	115.1171	36.2920
WT 136	American Beauty & Hollywood	SW	UN	115.0284	36.1524
WT 137	Chyenne between El Capitan and Rampart	N	4	115.2835	36.2193
WT 138	Flamingo & El Capitan	SE	3	115.2871	36.1141
WT 139	W Robindale & Cimarron Rd	S of Robindale	4	115.2701	36.0479
WT140	Blue Diamond & Srigo	N	4	115.2992	36.0217
WT141	Windmill near Rainbow		3	115.2572	36.0403
WT142	Oakey & Buffalo	SE	4	115.2610	36.1501
WT 143	Oakey & Mohawk	SE	4	115.2142	36.1506
WT144	Vegas & Rainbow	NE	4	115.2405	36.1885
WT145	Corbett & Haulapai	NE	5	115.3147	36.2685
WT146	Frontage Road at end of Road	E	6	115.3167	36.3356

Sorted by test WEG in order of increasing west longitude

SITE NUMBER	CROSS STREET	CORNER	TEST WEG	W	N
				LONGITUDE COORD	LATITUDE COORD
WT126	Warm Springs & Amigo	SW	2	115.1504	36.0486
WT128	Windmill & Bermuda	SW	2	115.1552	36.0421
WT129	LV Boulevard in front of Mesa Verde		2	115.1728	36.0458
WT125	Tropicana & Sun Valley	NW	3	115.0646	36.1042
WT120	Nellis & Charleston	SW	3	115.0654	36.1527
WT117	Desert Inn & Nellis	NW	3	115.0670	36.1293
WT130	Windmill & Eastern	NE	3	115.1171	36.0436
WT131	Pebble & Spencer	NE	3	115.1269	36.0287
WT114	Carey & Simmons	EW	3	115.1793	36.2042
WT113	Cheyenne and North Valley Drive	NE	3	115.1966	36.2178
WT141	Windmill near Rainbow		3	115.2572	36.0403
WT 138	Flamingo & El Capitan	SE	3	115.2871	36.1141
WT134	Cactus and Bermuda	NW	4	115.1561	36.0001
WT 143	Oakey & Mohawk	SE	4	115.2142	36.1506
WT144	Vegas & Rainbow	NE	4	115.2405	36.1885
WT142	Oakey & Buffalo	SE	4	115.2610	36.1501
WT 139	W Robindale & Cimarron Rd	S of Robindale	4	115.2701	36.0479
WT112	Alexander & Durango	NE	4	115.2782	36.2342
WT 137	Chyenne between El Capitan and Rampart	N	4	115.2835	36.2193
WT140	Blue Diamond & Srigo	N	4	115.2992	36.0217
WT123	Sunset & Boulder	SE	5	115.0097	36.0647
WT121	W Vegas Valley & S Hollywood	2 miles on HW	5	115.0179	36.1069
WT111	Craign and Durango	NW	5	115.2800	36.2413
WT145	Corbett & Haulapai	NE	5	115.3147	36.2685
WT116	E Carey & N. Hollywood	0.6 mi on Carey	6	115.0160	36.2028
WT 135	215 & Losee	NW	6	115.1171	36.2920
WT146	Frontage Road at end of Road	E	6	115.3167	36.3356
WT115	1 mile E Lamb & LV Bloulevard	SE	7	115.0719	36.2298
WT133	Centennial & Losee	NE	7	115.1164	36.2768
WT122	Palo Verde & Salsalito	NE	8	114.9631	36.0257
WT124	Gibson & Kelso Dunes	NW	8	115.0294	36.0529
WT118	Bonanza & Lamb	NE	4L	115.0797	36.1747
WT119	Washington & Pecos	SE	4L	115.0980	36.1805
WT132	N Fifth Street & E Centennial Pk	NE	4L	115.1360	36.1145
WT 136	American Beauty & Hollywood	SW	UN	115.0284	36.1524
WT127	Windmill & Bermuda	NE	UN	115.1543	36.0430

Number of sites in each test WEG

TEST WEG	initial # sites	rejected sites	final # sites
2	3	0	3
3	9	1	8
4	8	1	7
4L	3	0	3
5	4	0	4
6	3	0	3
7	2	0	2
8	2	0	2
UN	2	0	2
Totals	36	2	34

APPENDIX D

GROUND TRUTHING DATA FORM FIELD SHEETS

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: Start Time: Finish:

Test Site Info: Date:

Site No: Site Name:

Land Category:

<input type="checkbox"/> Native Desert	<input type="checkbox"/> Stabilized Vacant Land
<input type="checkbox"/> Disturbed Vacant Land	<input type="checkbox"/> Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Nearest Street2:

	Corner 1	Corner 2	Corner 3	Corner 4
NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N
NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc)

Temperature: Days Since Last Precip:

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

	Vegetation Type	%		Vegetation Type	%		Vegetation Type	%
1	<input type="text"/>	<input type="text"/>	3	<input type="text"/>	<input type="text"/>	5	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	4	<input type="text"/>	<input type="text"/>			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <input type="text"/>	O1-1 (LOW) <input type="text"/>	NW Quadrant <input type="text"/> NE Quadrant <input type="text"/>
O1-2 (MID) <input type="text"/>	O1-2 (MID) <input type="text"/>	SW Quadrant <input type="text"/> SE Quadrant <input type="text"/>
O1-3 (HIGH) <input type="text"/>	O1-3 (HIGH) <input type="text"/>	Visual Check, Estimated % Coverage <input type="text"/>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Test Info: TestDate:

Penetration Index:

1. Surface consists of powdery soil with no clods
2. No crust on surface but clods are present

3. Ball breaks crust leaving a powdery crater
4. Ball leaves dimple on crust
5. Ball does not penetrate crust

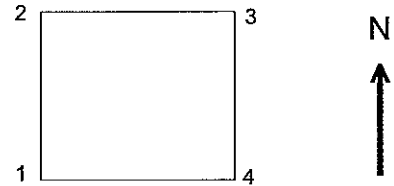
Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <input type="text"/>	TA2 BD1: <input type="text"/>	TA3 BD1: <input type="text"/>
TA1 BD2: <input type="text"/>	TA2 BD2: <input type="text"/>	TA3 BD2: <input type="text"/>
TA1 BD3: <input type="text"/>	TA2 BD3: <input type="text"/>	TA3 BD3: <input type="text"/>
TA1 BD4: <input type="text"/>	TA2 BD4: <input type="text"/>	TA3 BD4: <input type="text"/>
TA1 BD5: <input type="text"/>	TA2 BD5: <input type="text"/>	TA3 BD5: <input type="text"/>

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock				
		A	B	A x B		
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 1 Total <input type="text"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 2 Total <input type="text"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 3 Total <input type="text"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input type="text"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input type="text"/>	

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. HALL, V. HANSEN, S. REMNER Start Time: 1:42 Finish: 2:58

Test Site Info: Date: 11-18-04

Site No: N-1 Site Name: N. 5th + Craig

Land Category:

<input type="checkbox"/> Native Desert	<input checked="" type="checkbox"/> Stabilized Vacant Land
<input type="checkbox"/> Disturbed Vacant Land	<input type="checkbox"/> Private Unpaved Road

Soil Category: Describe: 4b Disturbed Stabilized

Location: Nearest Street1: N. 5th Nearest Street2: Craig

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear

Temperature: 69 Days Since Last Precip: 10

Area Descr: old graded construction site. Some vegetation returned

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Thistle</u>	<u>10</u>	3 <u>Tree (Acacia)</u>	<u>1</u>	5 <u>Rabbit Brush</u>	<u>10</u>
2 <u>Burn Sage</u>	<u>10</u>	4 <u>Other</u>	<u>5</u>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>8</u>	O1-1 (LOW) <u>9</u>	NW Quadrant <u>140</u>	NE Quadrant <u>110</u>
O1-2 (MID) <u>24</u>	O1-2 (MID) <u>18</u>	SW Quadrant <u>80</u>	SE Quadrant <u>90</u>
O1-3 (HIGH) <u>48</u>	O1-3 (HIGH) <u>36</u>	Visual Check, Estimated % Coverage <u>25%</u>	

larger & heavier gully as water collects in it.

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N <u>267-88-208</u>	NSPC N <u>267-88-142</u>	NSPC N <u>267-88-114</u>			
NSPC E <u>007-88-772</u>	NSPC E <u>007-88-800</u>	NSPC E <u>007-88-763</u>			

Test Info: TestDate: 11-18-04 Penetration Index: 4

1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

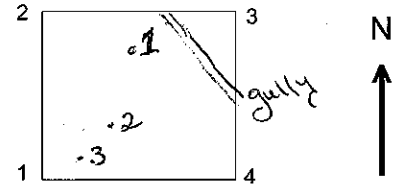
Test Area 1		Test Area 2		Test Area 3	
TA1 BD1: <u>4</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>4</u>			
TA1 BD2: <u>4</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>4</u>			
TA1 BD3: <u>4</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>5</u>			
TA1 BD4: <u>4</u>	TA2 BD4: <u>4</u>	TA3 BD4: <u>5</u>			
TA1 BD5: <u>4</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>4</u>			

Camera 28-30

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	0	RTA1SmallAvgArea:		
	RTA1MediumRocks:	0	RTA1MediumAvgArea:		Test Area 1 Total
	RTA1LargeRocks:	0	RTA1LargeAvgArea:		0
Test Area 2	RTA2SmallRocks:	45/100	RTA2SmallAvgArea:	45/10	
	RTA2MediumRocks:	0	RTA2MediumAvgArea:		Test Area 2 Total
	RTA2LargeRocks:	0	RTA2LargeAvgArea:		45/10
Test Area 3	RTA5SmallRocks:	12	RTA5SmallAvgArea:	.5 x .4	
	RTA5MediumRocks:	9	RTA5MediumAvgArea:	.75 x .8	Test Area 3 Total
	RTA5LargeRocks:	6	RTA5LargeAvgArea:	1.5 x 1.35	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	*	Percent Cover of Non-Erodible Elements:	
Test Area 2 Sieve Size With Largest Volume:	*	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	*		

** No loose material*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. HALL, V. HANSEN, S. Kemwer Start Time: 3:00 Finish: 3:38

Test Site Info: Date: 11-18-04

Site No: N 2 Site Name: N. 5th & Craig

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 3 Disturbed stabilized

Location: Nearest Street1: N. 5th Nearest Street2: Craig

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>
NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc)

Temperature: 69 Days Since Last Precip: 10

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Acacia</u>	<u>5</u>	3 <u>Russian Thistle</u>	<u>5</u>	5 <input type="text"/>	<input type="text"/>
2 <u>Burn Sage</u>	<u>10</u>	4 <u>Cresote</u>	<u>5</u>	<i>Short furrowed grass throughout site.</i>	

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>12</u>	O1-1 (LOW) <u>8</u>	NW Quadrant <u>25</u>	NE Quadrant <u>60</u>
O1-2 (MID) <u>22</u>	O1-2 (MID) <u>32</u>	SW Quadrant <u>50</u>	SE Quadrant <u>45</u>
O1-3 (HIGH) <u>68</u>	O1-3 (HIGH) <u>66</u>	Visual Check, Estimated % Coverage <u>15%</u>	

↑ Not including grass

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>267-87-008</u>	NSPC N	<u>267-87-031</u>	NSPC N	<u>267-86-080</u>
NSPC E	<u>007-88-829</u>	NSPC E	<u>007-88-884</u>	NSPC E	<u>007-88-862</u>

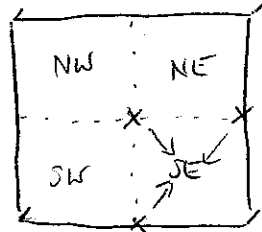
Test Info: TestDate:

Penetration Index:
 3. Ball breaks crust leaving a powdery crater

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 4. Ball leaves dimple on crust
- 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>4</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>4</u>	TA2 BD2:	<u>4</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>4</u>	TA2 BD3:	<u>4</u>	TA3 BD3:	<u>5</u>
TA1 BD4:	<u>4</u>	TA2 BD4:	<u>4</u>	TA3 BD4:	<u>5</u>
TA1 BD5:	<u>5</u>	TA2 BD5:	<u>5</u>	TA3 BD5:	<u>5</u>

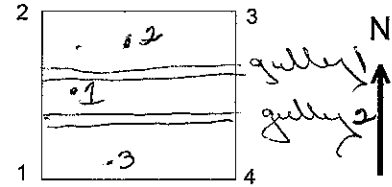


Camera 3A-34

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



gully 2 heavily vegetated w/ larger than average plants

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input type="text" value="*"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input type="text" value="*"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input type="text" value="*"/>	

** Insufficient loose material*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. HALL, V. HANSEN, S. KEMNER Start Time: 7:30 Finish: 8:00

Test Site Info: Date: 11-19-04

Site No: N 3 Site Name: N. LOSEE, N of 215

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 6

Location: Nearest Street1: N. LOSEE Nearest Street2: 215

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>
NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear
 Temperature: 77 Days Since Last Precip: 11

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Cresote</u>	<u>25</u>	3 <u>Bud sage</u>	<u>10</u>	5 <input type="text"/>	<input type="text"/>
2 <u>Cholla</u>	<u>3</u>	4 <u>Prickly Pear</u>	<u>2</u>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches		Vegetation Umbrella, inches		Vegetation density, Estimated No. of Plants			
O1-1 (LOW)	<u>15</u>	O1-1 (LOW)	<u>20</u>	NW Quadrant	<u>70</u>	NE Quadrant	<u>60</u>
O1-2 (MID)	<u>28</u>	O1-2 (MID)	<u>29</u>	SW Quadrant	<u>70</u>	SE Quadrant	<u>50</u>
O1-3 (HIGH)	<u>56</u>	O1-3 (HIGH)	<u>46</u>	Visual Check, Estimated % Coverage <u>40</u>			

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>268-12-886</u>	NSPC N	<u>268-12-811</u>	NSPC N	<u>268-12-773</u>
NSPC E	<u>007-94-375</u>	NSPC E	<u>007-94-440</u>	NSPC E	<u>007-94-400</u>

Test Info: TestDate: 11-19-04 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>5</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>5</u>	TA2 BD2:	<u>5</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>5</u>	TA2 BD3:	<u>5</u>	TA3 BD3:	<u>5</u>
TA1 BD4:	<u>5</u>	TA2 BD4:	<u>5</u>	TA3 BD4:	<u>5</u>
TA1 BD5:	<u>5</u>	TA2 BD5:	<u>5</u>	TA3 BD5:	<u>5</u>

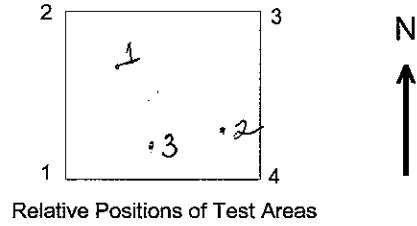
Camera 1-16

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

*Several Desert Tortoise Holes on site
sparse grass around water drip line from plants*



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks		Area of Average Size Rock			
	A	B	A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 1 Total <input style="width: 100px;" type="text" value="100%"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 2 Total <input style="width: 100px;" type="text" value="795%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 3 Total <input style="width: 100px;" type="text" value="100%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input style="width: 50px;" type="text" value="*"/>	Percent Cover of Non-Erodible Elements: <input style="width: 50px;" type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input style="width: 50px;" type="text" value="*"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input style="width: 50px;" type="text" value="*"/>	

** Insufficient Loose dirt*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input style="width: 50px;" type="text"/>	Sample TotWt: <input style="width: 50px;" type="text"/>	Sample TotWt: <input style="width: 50px;" type="text"/>
Bottom PanWt: <input style="width: 50px;" type="text"/>	Bottom PanWt: <input style="width: 50px;" type="text"/>	Bottom PanWt: <input style="width: 50px;" type="text"/>
Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>	Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>	Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>
Material < 0.25 mm <input style="width: 50px;" type="text"/>	Material < 0.25 mm <input style="width: 50px;" type="text"/>	Material < 0.25 mm <input style="width: 50px;" type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 11:55 Finish: 12:22

Test Site Info: Date: 11-19-01

Site No: N 4 Site Name: 15th & Centennial

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 4k Natural

Location: Nearest Street1: Nearest Street2:

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Partly Cloudy
 Temperature: 68 Days Since Last Precip: 11

Area Descr: well crusted - under crust dirt is erodible

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>burn sage</u>	<u>20</u>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <u>creosote</u>	<u>10</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches		Vegetation Umbrella, inches		Vegetation density, Estimated No. of Plants	
O1-1 (LOW)	<u>11</u>	O1-1 (LOW)	<u>13</u>	NW Quadrant	<u>69</u>
O1-2 (MID)	<u>44</u>	O1-2 (MID)	<u>84</u>	NE Quadrant	<u>80</u>
O1-3 (HIGH)	<u>68</u>	O1-3 (HIGH)	<u>96</u>	SW Quadrant	<u>69</u>
				SE Quadrant	<u>75</u>
				Visual Check, Estimated % Coverage	<u>30</u>

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>268-02-949</u>	NSPC N	<u>268-03-011</u>	NSPC N	<u>268-02-948</u>
NSPC E	<u>007-88-491</u>	NSPC E	<u>007-88-502</u>	NSPC E	<u>007-88-541</u>

Test Info: TestDate:

Penetration Index:

1. Surface consists of powdery soil with no clods
2. No crust on surface but clods are present
3. Ball breaks crust leaving a powdery crater
4. Ball leaves dimple on crust
5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>5</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>5</u>	TA2 BD2:	<u>5</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>4</u>	TA2 BD3:	<u>4</u>	TA3 BD3:	<u>5</u>
TA1 BD4:	<u>5</u>	TA2 BD4:	<u>5</u>	TA3 BD4:	<u>4</u>
TA1 BD5:	<u>5</u>	TA2 BD5:	<u>5</u>	TA3 BD5:	<u>5</u>

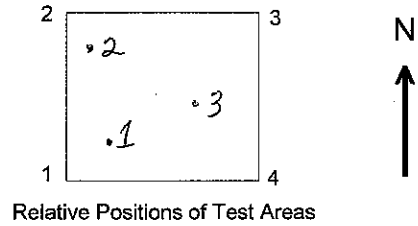
Camera 98-83

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

deep ruts from tire tracks
horse tracks



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	4	RTA1SmallAvgArea:	.7 x .75	
	RTA1MediumRocks:		RTA1MediumAvgArea:		Test Area 1 Total
	RTA1LargeRocks:		RTA1LargeAvgArea:		> 1%
Test Area 2	RTA2SmallRocks:		RTA2SmallAvgArea:		
	RTA2MediumRocks:		RTA2MediumAvgArea:		Test Area 2 Total
	RTA2LargeRocks:		RTA2LargeAvgArea:		> 1%
Test Area 3	RTA5SmallRocks:		RTA5SmallAvgArea:		
	RTA5MediumRocks:		RTA5MediumAvgArea:		Test Area 3 Total
	RTA5LargeRocks:		RTA5LargeAvgArea:		> 1%

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	*	Percent Cover of Non-Erodible Elements:	
Test Area 2 Sieve Size With Largest Volume:	*	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	*		

Insufficient loose soil

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 11:00 Finish: 11:22

Test Site Info: Date: 11-19-04

Site No: N 5 Site Name: Josee, S of 215

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 7

Location: Nearest Street1: Josee Nearest Street2: 215

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>
NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Partly Cloudy
 Temperature: 59 Days Since Last Precip: 11

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Dark Sage</u>	<u>4</u>	3 <u>Russian Thistle</u>	<u>1</u>	5 <input type="text"/>	<input type="text"/>
2 <u>Creosote</u>	<u>10</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>12</u>	O1-1 (LOW) <u>13</u>	NW Quadrant <u>18</u>	NE Quadrant <u>38</u>
O1-2 (MID) <u>16</u>	O1-2 (MID) <u>30</u>	SW Quadrant <u>15</u>	SE Quadrant <u>12</u>
O1-3 (HIGH) <u>46</u>	O1-3 (HIGH) <u>83</u>	Visual Check, Estimated % Coverage <u>15</u>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>268-04-199</u>	NSPC N	<u>268-04-196</u>	NSPC N	<u>268-04-295</u>
NSPC E	<u>007-93-377</u>	NSPC E	<u>007-93-282</u>	NSPC E	<u>007-93-297</u>

Test Info: Test Date: 11-19-04 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>4</u>	TA2 BD1:	<u>4</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>4</u>	TA2 BD2:	<u>4</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>4</u>	TA2 BD3:	<u>5</u>	TA3 BD3:	<u>4</u>
TA1 BD4:	<u>4</u>	TA2 BD4:	<u>4</u>	TA3 BD4:	<u>4</u>
TA1 BD5:	<u>5</u>	TA2 BD5:	<u>5</u>	TA3 BD5:	<u>4</u>

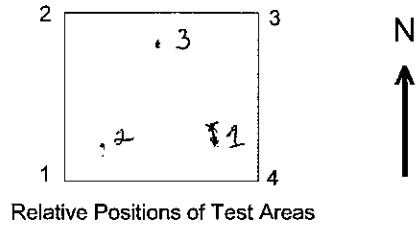
Camera 60-70

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

*Some tire tracks in area
Very sparse grass (around drip line of bushes)
↓ between bushes*



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <i>80% rock coverage</i>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <i>80% rock coverage</i>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <i>90% rock coverage</i>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input type="text"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input type="text"/>	

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 11:37 Finish: 11:50

Test Site Info: Date: 11-19-04

Site No: N 6 Site Name: Deer Springs + Lawrence NW corner

Land Category:

<input type="checkbox"/> Native Desert	<input type="checkbox"/> Stabilized Vacant Land
<input type="checkbox"/> Disturbed Vacant Land	<input type="checkbox"/> Private Unpaved Road

Soil Category: Describe: 1 Disturbed stabilized

Location: Nearest Street1: Deer Springs Nearest Street2: Lawrence

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) partly cloudy

Temperature: 65 Days Since Last Precip: 11

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Crochota</u>	<u>13</u>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <u>burn sage</u>	<u>12</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <input type="text" value="11"/>	O1-1 (LOW) <input type="text" value="25"/>	NW Quadrant <input type="text" value="50"/>	NE Quadrant <input type="text" value="38"/>
O1-2 (MID) <input type="text" value="38"/>	O1-2 (MID) <input type="text" value="60"/>	SW Quadrant <input type="text" value="36"/>	SE Quadrant <input type="text" value="55"/>
O1-3 (HIGH) <input type="text" value="63"/>	O1-3 (HIGH) <input type="text" value="90"/>	Visual Check, Estimated % Coverage <input type="text" value="25%"/>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N <input type="text" value="268-05-465"/>	NSPC N <input type="text" value="268-05-513"/>	NSPC N <input type="text" value="268-05-583"/>			
NSPC E <input type="text" value="007-90-843"/>	NSPC E <input type="text" value="007-90-908"/>	NSPC E <input type="text" value="007-90-949"/>			

Test Info: TestDate: 11-19-04

- Penetration Index:**
1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1: <input type="text" value="4"/>	TA2 BD1: <input type="text" value="4"/>	TA3 BD1: <input type="text" value="4"/>			
TA1 BD2: <input type="text" value="5"/>	TA2 BD2: <input type="text" value="4"/>	TA3 BD2: <input type="text" value="4"/>			
TA1 BD3: <input type="text" value="4"/>	TA2 BD3: <input type="text" value="5"/>	TA3 BD3: <input type="text" value="4"/>			
TA1 BD4: <input type="text" value="5"/>	TA2 BD4: <input type="text" value="4"/>	TA3 BD4: <input type="text" value="4"/>			
TA1 BD5: <input type="text" value="4"/>	TA2 BD5: <input type="text" value="4"/>	TA3 BD5: <input type="text" value="4"/>			

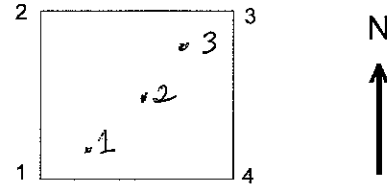
camera 91-77

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

Sparsely grassed



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <i>90% Rock Coverage</i>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <i>85% rock coverage</i>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <i>40% rock coverage</i>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="*"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="*"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="*"/>		

Insufficient loose dirt

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 10:21 Finish: 10:44

Test Site Info: Date: 11-19-04

Site No: N 9 Site Name: Washburn & Pecos

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 4

Location: Nearest Street1: Washburn Nearest Street2: Pecos

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Partly cloudy
 Temperature: 58 Days Since Last Precip: 11

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Acacia</u>	<u>5</u>	3 <u>burn snag</u>	<u>15</u>	5 <input type="text"/>	<input type="text"/>
2 <u>creosote</u>	<u>5</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>14</u>	O1-1 (LOW) <u>24</u>	NW Quadrant <u>42</u>	NE Quadrant <u>42</u>
O1-2 (MID) <u>32</u>	O1-2 (MID) <u>43</u>	SW Quadrant <u>14</u>	SE Quadrant <u>42</u>
O1-3 (HIGH) <u>180</u>	O1-3 (HIGH) <u>1060</u>	Visual Check, Estimated % Coverage <u>25</u>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>267-96-303</u>	NSPC N	<u>267-96-339</u>	NSPC N	<u>267-96-261</u>
NSPC E	<u>008-00-188</u>	NSPC E	<u>008-00-254</u>	NSPC E	<u>008-00-272</u>

Test Info: TestDate:

Penetration Index:

1. Surface consists of powdery soil with no clods
2. No crust on surface but clods are present
3. Ball breaks crust leaving a powdery crater
4. Ball leaves dimple on crust
5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>4</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>5</u>	TA2 BD2:	<u>5</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>5</u>	TA2 BD3:	<u>3</u>	TA3 BD3:	<u>5</u>
TA1 BD4:	<u>5</u>	TA2 BD4:	<u>4</u>	TA3 BD4:	<u>5</u>
TA1 BD5:	<u>5</u>	TA2 BD5:	<u>4</u>	TA3 BD5:	<u>5</u>

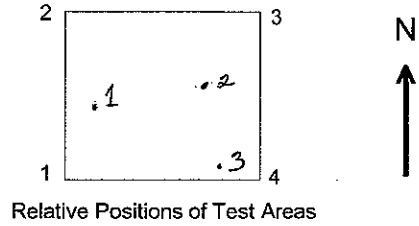
Camera 48-59

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

1 tire set of tracks thru site
sparse coverage of small grasses



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks		Area of Average Size Rock			
		A		B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 1 Total
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 2 Total
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 3 Total
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="*"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="*"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="*"/>		

** Insufficient loose dirt*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemner Start Time: 9:23 Finish: 10:00

Test Site Info: Date: 11-19-04

Site No: W 10 Site Name: Jane Mountain & Berg

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 5 disturbed stabilized

Location: Nearest Street1: Jane Mountain Nearest Street2: Berg

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) partly cloudy
 Temperature: 58 Days Since Last Precip: 11

Area Descr: Tire tracks thru site & some garbage

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Tittle</u>	<u>12</u>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <u>Cresate</u>	<u>3</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>7</u>	O1-1 (LOW) <u>5</u>	NW Quadrant <u>150</u>	NE Quadrant <u>70</u>
O1-2 (MID) <u>14</u>	O1-2 (MID) <u>14</u>	SW Quadrant <u>65</u>	SE Quadrant <u>90</u>
O1-3 (HIGH) <u>22</u>	O1-3 (HIGH) <u>38</u>	Visual Check, Estimated % Coverage <u>15</u>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N <u>267-91-580</u>	NSPC N <u>267-91-525</u>	NSPC N <u>267-91-532</u>			
NSPC E <u>007-94-733</u>	NSPC E <u>007-94-718</u>	NSPC E <u>007-94-790</u>			

Test Info: Test Date: 11-19-04 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

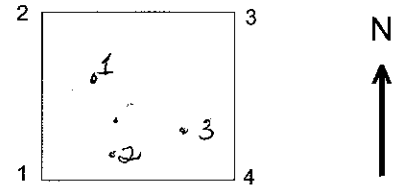
Test Area 1		Test Area 2		Test Area 3	
TA1 BD1: <u>4</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>4</u>			
TA1 BD2: <u>5</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>4</u>			
TA1 BD3: <u>5</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>4</u>			
TA1 BD4: <u>4</u>	TA2 BD4: <u>4</u>	TA3 BD4: <u>4</u>			
TA1 BD5: <u>4</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>4</u>			

Camela 34-49

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	66	RTA1SmallAvgArea:	.7 x .75	
	RTA1MediumRocks:	12	RTA1MediumAvgArea:	1.0 x 1.25	Test Area 1 Total
	RTA1LargeRocks:	3	RTA1LargeAvgArea:	2.0 x 1.75	
Test Area 2	RTA2SmallRocks:	37	RTA2SmallAvgArea:	.6 x .6	
	RTA2MediumRocks:	12	RTA2MediumAvgArea:	.75 x 1.25	Test Area 2 Total
	RTA2LargeRocks:	2	RTA2LargeAvgArea:	1.6 x 2.0	
Test Area 3	RTA5SmallRocks:	8	RTA5SmallAvgArea:	.7 x .9	
	RTA5MediumRocks:	5	RTA5MediumAvgArea:	0.9 x 0.9	Test Area 3 Total
	RTA5LargeRocks:	2	RTA5LargeAvgArea:	1.3 x 1.0	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	*	Percent Cover of Non-Erodible Elements:	
Test Area 2 Sieve Size With Largest Volume:	*	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	*		

** Insufficient Loose Dirt*

Surface Silt Content Field Determination, grams (perform only if FLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: E. HALL, V. HANSEN, S. KEMNER Start Time: 3:47 Finish: 4:27

Test Site Info: Date: 11-18-04

Site No: N 11 Site Name: Craig 2.5 blocks east of Jossie

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 5 Disturbed Stabilized

Location: Nearest Street1: Craig Nearest Street2: Jossie

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear
 Temperature: 69 Days Since Last Precip: 10

Area Descr: Dug out areas w/ dumped cement, tires, etc.

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Salt Cedar</u>	<u>25</u>	3 <u>creosote</u>	<u>5</u>	5 <input type="text"/>	<input type="text"/>
2 <u>yellow sage</u>	<u>10/15</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <input type="text" value="16"/>	O1-1 (LOW) <input type="text" value="15"/>	NW Quadrant <input type="text" value="50"/> NE Quadrant <input type="text" value="105"/>
O1-2 (MID) <input type="text" value="34"/>	O1-2 (MID) <input type="text" value="36"/>	SW Quadrant <input type="text" value="60"/> SE Quadrant <input type="text" value="110"/>
O1-3 (HIGH) <input type="text" value="72"/>	O1-3 (HIGH) <input type="text" value="56"/>	Visual Check, Estimated % Coverage <input type="text" value="45%"/>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <input type="text" value="267-89-061"/>	NSPC N <input type="text" value="267-88-993"/>	NSPC N <input type="text" value="267-88-977"/>
NSPC E <input type="text" value="007-95-262"/>	NSPC E <input type="text" value="007-95-262"/>	NSPC E <input type="text" value="007-95-338"/>

Test Info: TestDate: 11-18-04 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

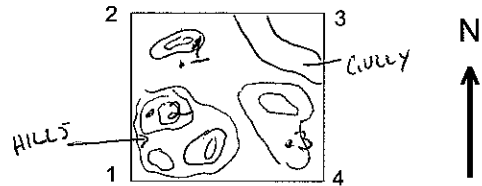
Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <input type="text" value="5"/>	TA2 BD1: <input type="text" value="5"/>	TA3 BD1: <input type="text" value="3"/>
TA1 BD2: <input type="text" value="4"/>	TA2 BD2: <input type="text" value="5"/>	TA3 BD2: <input type="text" value="4"/>
TA1 BD3: <input type="text" value="5"/>	TA2 BD3: <input type="text" value="5"/>	TA3 BD3: <input type="text" value="4"/>
TA1 BD4: <input type="text" value="5"/>	TA2 BD4: <input type="text" value="5"/>	TA3 BD4: <input type="text" value="4"/>
TA1 BD5: <input type="text" value="5"/>	TA2 BD5: <input type="text" value="5"/>	TA3 BD5: <input type="text" value="4"/>

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

a lot of trash



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input type="text" value=" < 5%"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text" value="70"/>	RTA2SmallAvgArea:	<input type="text" value="1.5 x .75"/>	Test Area 2 Total <input type="text"/>
	RTA2MediumRocks:	<input type="text" value="30"/>	RTA2MediumAvgArea:	<input type="text" value="1.75 x .75"/>	
	RTA2LargeRocks:	<input type="text" value="9"/>	RTA2LargeAvgArea:	<input type="text" value="2.3 x 1.2"/>	
Test Area 3	RTA5SmallRocks:	<input type="text" value="0"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text"/>
	RTA5MediumRocks:	<input type="text" value="0"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text" value="0"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

In Inches

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="*"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="*"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="*"/>		

** Insufficient loose dust*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 3:17 Finish: 3:48

Test Site Info: Date: 11-19-04

Site No: N/12 Site Name: Craig & Clayton, N. of Canal

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 4L Highly Vegetated

Location: Nearest Street1: Craig Nearest Street2: Clayton

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) partly cloudy
 Temperature: 71 Days Since Last Precip: 11

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Cereata</u>	<u>20</u>	3 <u>Acacia</u>	<u>10</u>	5 <input type="text"/>	<input type="text"/>
2 <u>mesquite</u>	<u>10</u>	4 <u>Sage</u>	<u>60</u>		

low - ~~10%~~ 40%
 med 40%
 high 40%

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <u>24</u>	O1-1 (LOW) <u>24</u>	NW Quadrant <input type="text"/> NE Quadrant <input type="text"/>
O1-2 (MID) <u>44</u>	O1-2 (MID) <u>68</u>	SW Quadrant <input type="text"/> SE Quadrant <input type="text"/>
O1-3 (HIGH) <u>111</u>	O1-3 (HIGH) <u>140</u>	Visual Check, Estimated % Coverage <u>90</u>

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>267-90-617</u>	NSPC N	<u>267-90-593</u>	NSPC N	<u>267-90-534</u>
NSPC E	<u>007-78-687</u>	NSPC E	<u>007-78-645</u>	NSPC E	<u>007-78-659</u>

Test Info: TestDate: 11-19-04 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>5</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>5</u>	TA2 BD2:	<u>5</u>	TA3 BD2:	<u>4</u>
TA1 BD3:	<u>5</u>	TA2 BD3:	<u>5</u>	TA3 BD3:	<u>4</u>
TA1 BD4:	<u>4</u>	TA2 BD4:	<u>5</u>	TA3 BD4:	<u>4</u>
TA1 BD5:	<u>5</u>	TA2 BD5:	<u>4</u>	TA3 BD5:	<u>5</u>

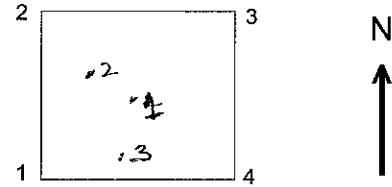
Camera 91-96

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

Someone is living under tree at this site



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input type="text" value="< 1%"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input type="text" value="< 1%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text" value="0"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text"/>
	RTA5MediumRocks:	<input type="text" value="0"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text" value="0"/>	RTA5LargeAvgArea:	<input type="text"/>	

Test area 1, 2 just sticks

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="*"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="*"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="*"/>		

** Insufficient Loose dirt*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 2:45 Finish: 3:13

Test Site Info: Date: 11-19-07

Site No: N 13 Site Name: Craig & Clayton - NE corner

Land Category:

<input checked="" type="checkbox"/> Native Desert	<input type="checkbox"/> Stabilized Vacant Land
<input type="checkbox"/> Disturbed Vacant Land	<input type="checkbox"/> Private Unpaved Road

Soil Category: Describe: med 4b Low Density Vegetation

Location: Nearest Street1: Craig Nearest Street2: Clayton

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) partly cloudy
 Temperature: 71 Days Since Last Precip: 11

Area Descr: Thin crust - under crust erodible. animal tracks throughout

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Sage</u>	<u>10</u>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <u>Cresote</u>	<u>35</u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>13</u>	O1-1 (LOW) <u>8</u>	NW Quadrant <u>52</u>	NE Quadrant <u>85</u>
O1-2 (MID) <u>31</u>	O1-2 (MID) <u>29</u>	SW Quadrant <u>58</u>	SE Quadrant <u>51</u>
O1-3 (HIGH) <u>55</u>	O1-3 (HIGH) <u>79</u>	Visual Check, Estimated % Coverage <u>45</u>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>267-89-855</u>	NSPC N	<u>267-89-857</u>	NSPC N	<u>267-89-842</u>
NSPC E	<u>007-78-131</u>	NSPC E	<u>007-78-132</u>	NSPC E	<u>007-78-220</u>

Test Info: TestDate: 11-19-07 Penetration Index:

1. Surface consists of powdery soil with no clods 2. No crust on surface but clods are present	3. Ball breaks crust leaving a powdery crater 4. Ball leaves dimple on crust 5. Ball does not penetrate crust
---	---

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>4</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>5</u>
TA1 BD2:	<u>5</u>	TA2 BD2:	<u>4</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>4</u>	TA2 BD3:	<u>4</u>	TA3 BD3:	<u>5</u>
TA1 BD4:	<u>4</u>	TA2 BD4:	<u>4</u>	TA3 BD4:	<u>4</u>
TA1 BD5:	<u>4</u>	TA2 BD5:	<u>4</u>	TA3 BD5:	<u>4</u>

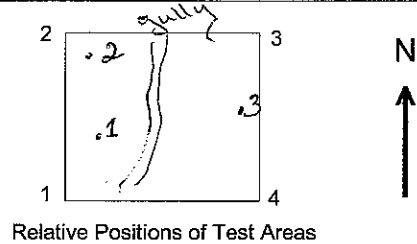
Camera 84-90

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

*horse shoe marks
lot of grasses*



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text" value="0"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input type="text"/>
	RTA1MediumRocks:	<input type="text" value="0"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text" value="0"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input type="text" value="<1%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text" value="<1%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="X"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="X"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="X"/>		

** Insufficient loose soil*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 8:14 Finish: 8:52

Test Site Info: Date: 11-19-04

Site No: N 14 Site Name: Retention Basin - N. Josee, N of 215

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: G disturbed stabilized

Location: Nearest Street1: N. Josee Nearest Street2: 215

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear

Temperature: 49 Days Since Last Precip: 11

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Thistle</u>	<u>15</u>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <input type="text"/>	<input type="text"/>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u>4</u>	O1-1 (LOW) <u>6</u>	NW Quadrant <u>200</u>	NE Quadrant <u>80</u>
O1-2 (MID) <u>13</u>	O1-2 (MID) <u>14</u>	SW Quadrant <u>160</u>	SE Quadrant <u>100</u>
O1-3 (HIGH) <u>20</u>	O1-3 (HIGH) <u>24</u>	Visual Check, Estimated % Coverage <u>15</u>	

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>268-09-621</u>	NSPC N <u>268-09-661</u>	NSPC N <u>268-09-710</u>
NSPC E <u>007-90-012</u>	NSPC E <u>007-89-953</u>	NSPC E <u>007-89-939</u>

Test Info: TestDate: 11-19-04

Penetration Index:

1. Surface consists of powdery soil with no clods
2. No crust on surface but clods are present

3. Ball breaks crust leaving a powdery crater
4. Ball leaves dimple on crust
5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>5</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>4</u>
TA1 BD2: <u>5</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>4</u>
TA1 BD3: <u>5</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>4</u>
TA1 BD4: <u>5</u>	TA2 BD4: <u>4</u>	TA3 BD4: <u>3</u>
TA1 BD5: <u>5</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>4</u>

3

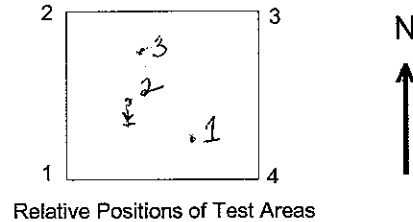
Camera 17-33

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

*Some tire tracks
Construction just N. of site*



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks		Area of Average Size Rock		A x B	
	A	B	A	B		
Test Area 1	RTA1SmallRocks:	36	RTA1SmallAvgArea:	1.0 x 0.8		Test Area 1 Total 70
	RTA1MediumRocks:	22	RTA1MediumAvgArea:	1.5 x 0.8		
	RTA1LargeRocks:	12	RTA1LargeAvgArea:	2.0 x 0.9		
Test Area 2	RTA2SmallRocks:	88	RTA2SmallAvgArea:	1.1 x 0.8		Test Area 2 Total 148
	RTA2MediumRocks:	42	RTA2MediumAvgArea:	1.5 x 1.1		
	RTA2LargeRocks:	18	RTA2LargeAvgArea:	2.0 x 1.8		
Test Area 3	RTA5SmallRocks:	68	RTA5SmallAvgArea:	1.0 x 0.8		Test Area 3 Total 112
	RTA5MediumRocks:	34	RTA5MediumAvgArea:	1.6 x 1.3		
	RTA5LargeRocks:	10	RTA5LargeAvgArea:	2.6 x 1.5		

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements. *in inches*

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: Percent Cover of Non-Erodible Elements:

Test Area 2 Sieve Size With Largest Volume: i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).

Test Area 3 Sieve Size With Largest Volume:

** Inefficient loose dirt*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>	Material < 0.25 mm <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: F. Hall, V. Hansen, S. Kemmer Start Time: 3:53 Finish: 4:28

Test Site Info: Date: 11-19-04

Site No: N15 Site Name: Craig + Allen (SE Corner)

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: 3 Disturbed stabilized

Location: Nearest Street1: Craig Nearest Street2: Allen

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>	NSPC N	<input type="text"/>
NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>	NSPC E	<input type="text"/>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) partly cloudy
 Temperature: 70 Days Since Last Precip: 11

Area Descr: Thin crust - under crust erodable

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u> Sage </u>	<u> 35 </u>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <u> Crust </u>	<u> 5 </u>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) <u> 7 </u>	O1-1 (LOW) <u> 9 </u>	NW Quadrant <u> 89 </u>	NE Quadrant <u> 124 </u>
O1-2 (MID) <u> 15 </u>	O1-2 (MID) <u> 22 </u>	SW Quadrant <u> 125 </u>	SE Quadrant <u> 130 </u>
O1-3 (HIGH) <u> 47 45 </u>	O1-3 (HIGH) <u> 60 50 </u>	Visual Check, Estimated % Coverage <u> 40 </u>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u> 267-88-700 </u>	NSPC N	<u> 267-88-654 </u>	NSPC N	<u> 267-88-670 </u>
NSPC E	<u> 007-72-809 </u>	NSPC E	<u> 007-72-773 </u>	NSPC E	<u> 007-72-719 </u>

Test Info: TestDate: Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

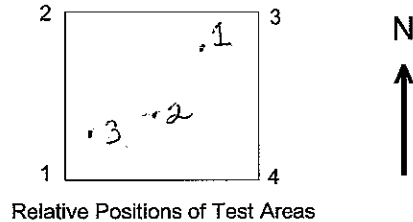
Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u> 4 </u>	TA2 BD1:	<u> 4 </u>	TA3 BD1:	<u> 4 </u>
TA1 BD2:	<u> 4 </u>	TA2 BD2:	<u> 4 </u>	TA3 BD2:	<u> 4 </u>
TA1 BD3:	<u> 5 </u>	TA2 BD3:	<u> 4 </u>	TA3 BD3:	<u> 4 </u>
TA1 BD4:	<u> 4 </u>	TA2 BD4:	<u> 4 </u>	TA3 BD4:	<u> 3 </u>
TA1 BD5:	<u> 3 </u>	TA2 BD5:	<u> 4 </u>	TA3 BD5:	<u> 4 </u>

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

2 sets of tire tracks thru site
Sparse grasses



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks		Area of Average Size Rock			
	A	B	A x B			
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 1 Total <input style="width: 50px;" type="text" value="21%"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 2 Total <input style="width: 50px;" type="text" value="23%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	<input type="text"/>	Test Area 3 Total <input style="width: 50px;" type="text" value="21%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input style="width: 50px;" type="text" value="3"/>	Percent Cover of Non-Erodible Elements: <input style="width: 50px;" type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input style="width: 50px;" type="text" value="3"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input style="width: 50px;" type="text" value="3"/>	

** Insignificant loose soil*

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input style="width: 50px;" type="text"/>	Sample TotWt: <input style="width: 50px;" type="text"/>	Sample TotWt: <input style="width: 50px;" type="text"/>
Bottom PanWt: <input style="width: 50px;" type="text"/>	Bottom PanWt: <input style="width: 50px;" type="text"/>	Bottom PanWt: <input style="width: 50px;" type="text"/>
Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>	Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>	Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>
Material < 0.25 mm <input style="width: 50px;" type="text"/>	Material < 0.25 mm <input style="width: 50px;" type="text"/>	Material < 0.25 mm <input style="width: 50px;" type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANSEN Start Time: 9:10 Finish: 2:20

Test Site Info: Date: 28 JUNE 08

Site No: 1-1 Site Name: FORT APACHE & LONG BOAT KEY AVE

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: VACANT LOT / STABLE w/ VEG on W SIDE & UNSTABLE on E SIDE
ie 5/05

Location: Nearest Street1: LONG BOAT KEY AVE Nearest Street2:

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-15-444</u>	NSPC N <u>267-15-653</u>	NSPC N <u>267-15-641</u>	NSPC N <u>267-15-423</u>
NSPC E <u>007-40-541</u>	NSPC E <u>007-40-546</u>	NSPC E <u>007-40-734</u>	NSPC E <u>007-40-721</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, BREEZY

Temperature: 94° Days Since Last Precip: 7

Area Descr: COMBINATION OF DISTURBED UNSTABLE & STABLE SOIL

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>RUSSIAN THISTLE</u>	<u>1</u>	3 <u>CREOSOTE</u>	<u>1</u>	5 <u></u>	<u></u>
2 <u>GRASSES</u>	<u>2</u>	4 <u></u>	<u></u>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
01-1 (LOW) <input type="text"/>	01-1 (LOW) <input type="text"/>	NW Quadrant <input type="text"/> NE Quadrant <input type="text"/>
01-2 (MID) <input type="text"/>	01-2 (MID) <input type="text"/>	SW Quadrant <input type="text"/> SE Quadrant <input type="text"/>
01-3 (HIGH) <input type="text"/>	01-3 (HIGH) <input type="text"/>	Visual Check, Estimated % Coverage <input type="text"/>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>267-16-400</u>	NSPC N <u>267-15-403</u>	NSPC N <u>267-15-444</u>
NSPC E <u>007-40-162</u>	NSPC E <u>007-40-611</u>	NSPC E <u>007-40-669</u>

Test Info: Test Date: 28 JUNE 08

Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <input type="text" value="5"/>	TA2 BD1: <input type="text" value="4"/>	TA3 BD1: <input type="text" value="5"/>
TA1 BD2: <input type="text" value="4"/>	TA2 BD2: <input type="text" value="5"/>	TA3 BD2: <input type="text" value="5"/>
TA1 BD3: <input type="text" value="5"/>	TA2 BD3: <input type="text" value="4"/>	TA3 BD3: <input type="text" value="5"/>
TA1 BD4: <input type="text" value="5"/>	TA2 BD4: <input type="text" value="4"/>	TA3 BD4: <input type="text" value="5"/>
TA1 BD5: <input type="text" value="5"/>	TA2 BD5: <input type="text" value="3"/>	TA3 BD5: <input type="text" value="5"/>

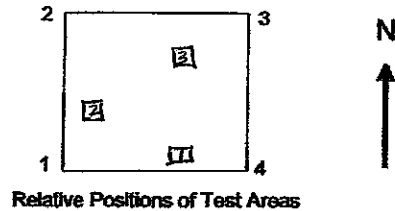
* ALTHOUGH, STABLE, SOIL WOULD BE UNSTABLE IF NOT RAINED

PLOT 1-4 removed
 5 TA1
 6 TA2
 7 TA3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area): $100 \times 100 = 10,000 \text{ cm}^2$

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	<input type="text"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	<input type="text"/>
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	<input type="text" value="< 1%"/>
Test Area 2	RTA2SmallRocks:	10	RTA2SmallAvgArea:	1.5 x 1.0	1.5 ← 1.5
	RTA2MediumRocks:	5	RTA2MediumAvgArea:	2.5 x 2.0	5.0 ← 2.5
	RTA2LargeRocks:	2	RTA2LargeAvgArea:	4.0 x 3.5	14.0 ← 2.8
					Test Area 2 Total
Test Area 3	RTA5SmallRocks:	15	RTA5SmallAvgArea:	1.0 x 0.5	0.5 ← 7.5
	RTA5MediumRocks:	0	RTA5MediumAvgArea:	0	<input type="text"/>
	RTA5LargeRocks:	0	RTA5LargeAvgArea:	0	<input type="text"/>
					Test Area 3 Total
					<input type="text" value="< 1%"/>

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="N/A"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="N/A"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >= 10%, 3 if >= 5% < 10%, 2 if >= 1% < 5%, and 1 if < 1%)	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="N/A"/>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text" value="N/A"/>	Bottom PanWt: <input type="text" value="N/A"/>	Bottom PanWt: <input type="text" value="N/A"/>
Bottom Pan Tare Wt: <input type="text" value="A"/>	Bottom Pan Tare Wt: <input type="text" value="A"/>	Bottom Pan Tare Wt: <input type="text" value="A"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: T. HANSEN Start Time: Finish:

Test Site Info: Date: 11/11

Site No: 27 Site Name: DURANGO E BLUE DI RD

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: STABLE w/ H₂O

Location: Nearest Street1 Nearest Street2

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-09-757</u>	NSPC N <u>267-09-931</u>	NSPC N <u>267-09-904</u>	NSPC N <u>267-09-694</u>
NSPC E <u>007-45-790</u>	NSPC E <u>007-45-810</u>	NSPC E <u>007-45-973</u>	NSPC E <u>007-45-966</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, WINDY
 Temperature: Days Since Last Precip:

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <input type="text"/>	<input type="text"/>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <input type="text"/>	<input type="text"/>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <input type="text"/>	O1-1 (LOW) <input type="text"/>	NW Quadrant <input type="text"/> NE Quadrant <input type="text"/>
O1-2 (MID) <input type="text"/>	O1-2 (MID) <input type="text"/>	SW Quadrant <input type="text"/> SE Quadrant <input type="text"/>
O1-3 (HIGH) <input type="text"/>	O1-3 (HIGH) <input type="text"/>	Visual Check, Estimated % Coverage <input type="text"/>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Test Info: Test Date: Penetration Index:

1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

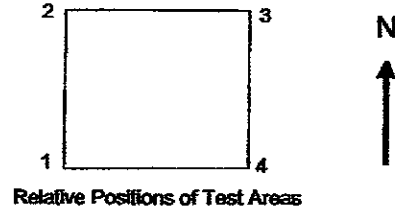
Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <input type="text"/>	TA2 BD1: <input type="text"/>	TA3 BD1: <input type="text"/>
TA1 BD2: <input type="text"/>	TA2 BD2: <input type="text"/>	TA3 BD2: <input type="text"/>
TA1 BD3: <input type="text"/>	TA2 BD3: <input type="text"/>	TA3 BD3: <input type="text"/>
TA1 BD4: <input type="text"/>	TA2 BD4: <input type="text"/>	TA3 BD4: <input type="text"/>
TA1 BD5: <input type="text"/>	TA2 BD5: <input type="text"/>	TA3 BD5: <input type="text"/>

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input type="text"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input type="text"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input type="text"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%)
Test Area 3 Sieve Size With Largest Volume: <input type="text"/>	

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: C. HANSEN Start Time: 2:30 Finish: 2:45

Test Site Info: Date: 28 JUNE 05

Site No: 3-3 Site Name: CIMARRON & BLUE Δ RD

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: VACANT LOT

Location: Nearest Street 1: CIMARRON Nearest Street 2: BLUE Δ RD.

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-09-016</u>	NSPC N <u>267-09-112</u>	NSPC N <u>267-09-088</u>	NSPC N <u>267-08-991</u>
NSPC E <u>007-48-426</u>	NSPC E <u>007-48-424</u>	NSPC E <u>007-48-699</u>	NSPC E <u>007-48-711</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, WINDY

Temperature: 94.0 Days Since Last Precip: 7

Area Descr: CORNER LOT @ SW CORNER

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>CREOSOTE</u>	<u>1</u>	3		5	
2		4			

@ S. EDGE OF TEST SITE

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW)	O1-1 (LOW)	NW Quadrant
O1-2 (MID)	O1-2 (MID)	NE Quadrant
O1-3 (HIGH)	O1-3 (HIGH)	SW Quadrant
		SE Quadrant
		Visual Check, Estimated % Coverage

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>267-09-023</u>	NSPC N <u>267-09-044</u>	NSPC N <u>267-09-004</u>
NSPC E <u>007-48-628</u>	NSPC E <u>007-48-525</u>	NSPC E <u>007-48-807</u>

Test Info: Test Date: 28 JUNE 05

Penetration Index:

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 3. Ball breaks crust leaving a powdery crater
- 4. Ball leaves dimple on crust
- 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>5</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>4</u>
TA1 BD2: <u>5</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>5</u>
TA1 BD3: <u>5</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>5</u>
TA1 BD4: <u>5</u>	TA2 BD4: <u>5</u>	TA3 BD4: <u>4</u>
TA1 BD5: <u>5</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>5</u>

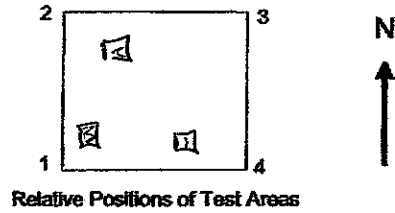
Picts 8-11 over view

12 TA1
13 TA2
14 TA3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	35	RTA1SmallAvgArea:	1.5 x 1.0	52.5
	RTA1MediumRocks:	5 3.0 x 2.5	RTA1MediumAvgArea:	3.0 x 2.5	112.5
	RTA1LargeRocks:	6 4.0 x 3.0	RTA1LargeAvgArea:	4.0 x 3.0	72.0
				x 0.5	1.2%
Test Area 2	RTA2SmallRocks:	25	RTA2SmallAvgArea:	1.5 x 1.0	37.5
	RTA2MediumRocks:	20	RTA2MediumAvgArea:	3.0 x 2.5	150
	RTA2LargeRocks:	5	RTA2LargeAvgArea:	4.0 x 3.0	60
					1.2%
Test Area 3	RTA5SmallRocks:		RTA5SmallAvgArea:		
	RTA5MediumRocks:		RTA5MediumAvgArea:		
	RTA5LargeRocks:		RTA5LargeAvgArea:		
					0%

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	N/A	Percent Cover of Non-Erodible Elements:	[]
Test Area 2 Sieve Size With Largest Volume:	N/A	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >= 10%, 3 if >= 5% < 10%, 2 if >= 1% < 5%, and 1 if < 1%).	
Test Area 3 Sieve Size With Largest Volume:	N/A		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: []	Sample TotWt: []	Sample TotWt: []
Bottom PanWt: []	Bottom PanWt: []	Bottom PanWt: []
Bottom Pan Tare Wt: []	Bottom Pan Tare Wt: []	Bottom Pan Tare Wt: []
Material < 0.25 mm: []	Material < 0.25 mm: []	Material < 0.25 mm: []

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANSEN Start Time: Finish:

Test Site Info: Date: 28 JUNE 05

Site No: 4 Site Name: SONES & OLETA

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: WATER !!

Location: Nearest Street1: Nearest Street2:

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-09-831</u>	NSPC N <u>267-09-966</u>	NSPC N <u>267-09-973</u>	NSPC N <u>267-09-813</u>
NSPC E <u>007-62-011</u>	NSPC E <u>007-62-017</u>	NSPC E <u>007-62-159</u>	NSPC E <u>007-62-197</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, BREEZY
 Temperature: 94 Days Since Last Precip: 7

Area Descr:

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <input type="text"/>	<input type="text"/>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <input type="text"/>	<input type="text"/>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <input type="text"/>	O1-1 (LOW) <input type="text"/>	NW Quadrant <input type="text"/>
O1-2 (MID) <input type="text"/>	O1-2 (MID) <input type="text"/>	NE Quadrant <input type="text"/>
O1-3 (HIGH) <input type="text"/>	O1-3 (HIGH) <input type="text"/>	SW Quadrant <input type="text"/>
		SE Quadrant <input type="text"/>
		Visual Check, Estimated % Coverage <input type="text"/>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <input type="text"/>	NSPC N <input type="text"/>	NSPC N <input type="text"/>
NSPC E <input type="text"/>	NSPC E <input type="text"/>	NSPC E <input type="text"/>

Test info:

Test Date: Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

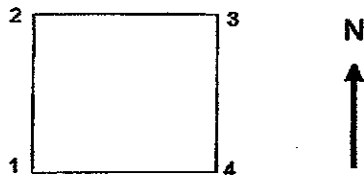
Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <input type="text"/>	TA2 BD1: <input type="text"/>	TA3 BD1: <input type="text"/>
TA1 BD2: <input type="text"/>	TA2 BD2: <input type="text"/>	TA3 BD2: <input type="text"/>
TA1 BD3: <input type="text"/>	TA2 BD3: <input type="text"/>	TA3 BD3: <input type="text"/>
TA1 BD4: <input type="text"/>	TA2 BD4: <input type="text"/>	TA3 BD4: <input type="text"/>
TA1 BD5: <input type="text"/>	TA2 BD5: <input type="text"/>	TA3 BD5: <input type="text"/>

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	- Test Area 1 Total
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input type="text"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input type="text"/>	

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANSEN Start Time: 3:20 Finish: 5:57

Test Site Info: Date: 28 JUNE 03

Site No: 5-1 Site Name: S LV BLVD - JOE WHEELER RV.

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: DISTURBED UNSTABLE

Location: Nearest Street1: LARSON AVE Nearest Street2:

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<u>266-80-885</u>	NSPC N	<u>266-81-024</u>	NSPC N	<u>266-80-950</u>	NSPC N	<u>266-80-817</u>
NSPC E	<u>007-74-544</u>	NSPC E	<u>007-74-626</u>	NSPC E	<u>007-74-844</u>	NSPC E	<u>007-74-</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, BRIZZY

Temperature: 98 Days Since Last Precip: 7

Area Descr: VACANT LOT ON SIDE OF ROAD - TRUCKS PULL UP TO STOP

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>N/A</u>		3		5	
2		4			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW)		NW Quadrant	NE Quadrant
O1-2 (MID)		SW Quadrant	SE Quadrant
O1-3 (HIGH)		Visual Check, Estimated % Coverage	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>266-80-858</u>	NSPC N	<u>266-80-908</u>	NSPC N	<u>266-80-851</u>
NSPC E	<u>007-74-630</u>	NSPC E	<u>007-74-790</u>	NSPC E	<u>007-74-669</u>

Test Info: Test Date: 28 JUNE 03

- Penetration Index:
1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

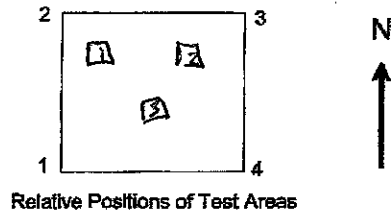
Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>3</u>	TA2 BD1:	<u>4</u>	TA3 BD1:	<u>3</u>
TA1 BD2:	<u>3</u>	TA2 BD2:	<u>3</u>	TA3 BD2:	<u>3</u>
TA1 BD3:	<u>4</u>	TA2 BD3:	<u>3</u>	TA3 BD3:	<u>3</u>
TA1 BD4:	<u>3</u>	TA2 BD4:	<u>3</u>	TA3 BD4:	<u>3</u>
TA1 BD5:	<u>3</u>	TA2 BD5:	<u>3</u>	TA3 BD5:	<u>3</u>

pts 15-18 removed
 19 - TA1
 20 - TA2
 21 - TA3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	65	RTA1SmallAvgArea: 2.0 x 2.0	260	Test Area 1 Total 845 ⇒ 28.5% ⇒ 4.3%
	RTA1MediumRocks:	30	RTA1MediumAvgArea: 3.5 x 3.0	315	
	RTA1LargeRocks:	15	RTA1LargeAvgArea: 4.5 x 4.0	270	
Test Area 2	RTA2SmallRocks:	45	RTA2SmallAvgArea: 2.5 x 1.5	169	Test Area 2 Total 625 ⇒ 6.2% ⇒ 3.1%
	RTA2MediumRocks:	25	RTA2MediumAvgArea: 4.5 x 2.5	281	
	RTA2LargeRocks:	10	RTA2LargeAvgArea: 5.0 x 3.5	175	
Test Area 3	RTA5SmallRocks:	40	RTA5SmallAvgArea: 2.0 x 2.0	160	Test Area 3 Total 554 ⇒ 5.3% ⇒ 2.6%
	RTA5MediumRocks:	12	RTA5MediumAvgArea: 5.5 x 3.0	198	
	RTA5LargeRocks:	8	RTA5LargeAvgArea: 6.0 x 4.5	216	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	PAN	Percent Cover of Non-Erodible Elements:	[]
Test Area 2 Sieve Size With Largest Volume:	PAN	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	PAN		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: 298	Sample TotWt: 424	Sample TotWt: 358
Bottom PanWt: 72	Bottom PanWt: 102	Bottom PanWt: 84
Bottom Pan Tare Wt: 10	Bottom Pan Tare Wt: 10	Bottom Pan Tare Wt: 10
Material < 0.25 mm: []	Material < 0.25 mm: []	Material < 0.25 mm: []

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANJEN Start Time: 1145 Finish: 1200

Test Site Info: Date: 28 JUNE 05

Site No: 6-1 Site Name: BARBARA E. SR 146 ST. ROSE PKWY

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: BARBARA Nearest Street2:

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>266-92-883</u>	NSPC N <u>266-93-002</u>	NSPC N <u>266-93-078</u>	NSPC N <u>266-92-992</u>
NSPC E <u>607-81-497</u>	NSPC E <u>607-81-394</u>	NSPC E <u>607-81-566</u>	NSPC E <u>607-81-618</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, BREEZY

Temperature: 77 Days Since Last Precip: 7

Area Desc: VACANT EMPTY LOT - STORAGE FOR PILES

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

* 1 <u>CREOSOTE</u> <u>2</u>	3 	5 	
2 	4 	* NE of SITE TEST AREA	

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) 	O1-1 (LOW) 	NW Quadrant NE Quadrant
O1-2 (MID) 	O1-2 (MID) 	SW Quadrant SE Quadrant
O1-3 (HIGH) 	O1-3 (HIGH) 	Visual Check, Estimated % Coverage

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>266-92-883</u>	NSPC N <u>266-92-983</u>	NSPC N <u>266-93-020</u>
NSPC E <u>607-81-474</u>	NSPC E <u>607-81-522</u>	NSPC E <u>607-81-565</u>

Test Info: Test Date: 28 June 05 Penetration Index:

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 3. Ball breaks crust leaving a powdery crater
- 4. Ball leaves dimple on crust
- 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

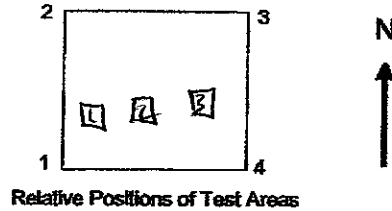
Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>4</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>4</u>
TA1 BD2: <u>4</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>5</u>
TA1 BD3: <u>4</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>5</u>
TA1 BD4: <u>5</u>	TA2 BD4: <u>4</u>	TA3 BD4: <u>5</u>
TA1 BD5: <u>4</u>	TA2 BD5: <u>5</u>	TA3 BD5: <u>4</u>

PICS
22-24 over air
25 - TA1
26 - TA2
27 - TA3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock		
		A	B	A x B
Test Area 1	RTA1SmallRocks:	10	1.5 x 1.9	15
	RTA1MediumRocks:	4	2.5 x 2.0	20
	RTA1LargeRocks:	2	4.5 x 3.0	27
Test Area 1 Total				
				162 ⇒ 4.1%
Test Area 2	RTA2SmallRocks:	45	1.0 x 1.5	67.5
	RTA2MediumRocks:	25	2.5 x 2.5	156
	RTA2LargeRocks:	10	4.0 x 3.5	140
Test Area 2 Total				
				363 ⇒ 3.6% ⇒ 1.8%
Test Area 3	RTA5SmallRocks:	25	2.0 x 1.6	50
	RTA5MediumRocks:	30	4.0 x 2.5	300
	RTA5LargeRocks:	12	5.0 x 3.5	210
Test Area 3 Total				
				560 ⇒ 5.6% ⇒ 2.8%

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	N/A	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	N/A	
Test Area 3 Sieve Size With Largest Volume:	N/A	

i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%)

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANSEN Start Time: 1230 Finish: 1245

Test Site Info: Date: 28 JUNE 03

Site No: 7- Site Name: STEPHANIE & RUSSELL DR.

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: DISTURBED STABILIZED RETAIN
VACANT LOT - JUST S. OF A TRUSSEL PLACE

Location: Nearest Street1: STEPHANIE Nearest Street2:

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-33-089</u>	NSPC N <u>267-33-176</u>	NSPC N <u>267-33-204</u>	NSPC N <u>267-33-119</u>
NSPC E <u>608-15-364</u>	NSPC E <u>608-15-360</u>	NSPC E <u>608-15-553</u>	NSPC E <u>608-15-357</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) CLEAR, 62-74

Temperature: 99 Days Since Last Precip: 7

Area Descr: AREA GOOD CANDIDATE FOR DIST. UMBRELLA, BUT DUE TO RAIN, NICELY CRUSTED OVER

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>CRASSICE</u>	<u>2</u>	3 <u>GRASS</u>	<u>1</u>	5 <u></u>	<u></u>
2 <u>RUSTIAN THUMB</u>	<u>1</u>	4 <u>SMALL GRASSES</u>	<u>1</u>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <u></u>	O1-1 (LOW) <u></u>	NW Quadrant <u></u> NE Quadrant <u></u>
O1-2 (MID) <u></u>	O1-2 (MID) <u></u>	SW Quadrant <u></u> SE Quadrant <u></u>
O1-3 (HIGH) <u></u>	O1-3 (HIGH) <u></u>	Visual Check, Estimated % Coverage <u></u>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>267-33-719</u>	NSPC N <u>267-33-119</u>	NSPC N <u>267-33-119</u>
NSPC E <u>608-15-381</u>	NSPC E <u>608-15-44</u>	NSPC E <u>608-15-531</u>

Test Info: Test Date: 28 June 03

Penetration Index:

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 3. Ball breaks crust leaving a powdery crater
- 4. Ball leaves dimple on crust
- 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>5</u>	TA2 BD1: <u>5</u>	TA3 BD1: <u>6</u>
TA1 BD2: <u>5</u>	TA2 BD2: <u>5</u>	TA3 BD2: <u>5</u>
TA1 BD3: <u>4</u>	TA2 BD3: <u>5</u>	TA3 BD3: <u>5</u>
TA1 BD4: <u>5</u>	TA2 BD4: <u>5</u>	TA3 BD4: <u>5</u>
TA1 BD5: <u>5</u>	TA2 BD5: <u>5</u>	TA3 BD5: <u>5</u>

pics 28-30 over area

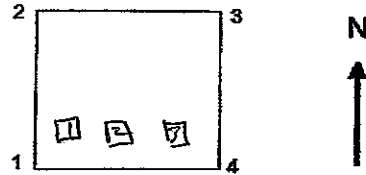
31 TA1
 32 TA2
 33 TA3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

7-1



Relative Positions of Test Areas

Test info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total
	RTA1MediumRocks:	20 x 1.0	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	20 x 2.0	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	15 1.5 x 1.0	RTA2SmallAvgArea:	22.5	Test Area 2 Total
	RTA2MediumRocks:	6 2.0 x 1.0	RTA2MediumAvgArea:	18	
	RTA2LargeRocks:	2 2.0 x 2.0	RTA2LargeAvgArea:	8	
Test Area 3	RTA5SmallRocks:	30	RTA5SmallAvgArea:	1.0 x 0.5	Test Area 3 Total
	RTA5MediumRocks:	2	RTA5MediumAvgArea:	3.0 x 2.5	
	RTA5LargeRocks:	1	RTA5LargeAvgArea:	4.5 x 4.0	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="N/A"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="N/A"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%)	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="N/A"/>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANSEN Start Time: Finish:

Test Site Info: Date: 28 June 05

Site No: 8-1 Site Name: HOLLYWOOD & DESERT INN

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: DISTURBED UNSTABILIZED

Location: Nearest Street1: D Nearest Street2:

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<u>267-49-352</u>	NSPC N	<u>267-49-506</u>	NSPC N	<u>267-49-479</u>	NSPC N	<u>267-49-810</u>
NSPC E	<u>008-20-087</u>	NSPC E	<u>008-20-111</u>	NSPC E	<u>008-20-286</u>	NSPC E	<u>008-20-256</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear, breezy
 Temperature: 101 Days Since Last Precip: 2

Area Descr: VACANT LAND - IN DISTANCE HILLS - LOTS OF ATV TRACKS

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 RUSSIAN THISTLE	<u>2</u>	3	<input type="text"/>	5	<input type="text"/>
2	<input type="text"/>	4	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW)	O1-1 (LOW)	NW Quadrant	NE Quadrant
O1-2 (MID)	O1-2 (MID)	SW Quadrant	SE Quadrant
O1-3 (HIGH)	O1-3 (HIGH)	Visual Check, Estimated % Coverage <input type="text"/>	

Test Area Info:

Test Area 1		Test Area 2		Test Area 3	
NSPC N	<u>267-49-400</u>	NSPC N	<u>267-49-396</u>	NSPC N	<u>267-49-432</u>
NSPC E	<u>008-20-088</u>	NSPC E	<u>008-20-146</u>	NSPC E	<u>008-20-202</u>

Test Info: Test Date: 28 June 05

Penetration Index:

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 3. Ball breaks crust leaving a powdery crater
- 4. Ball leaves dimple on crust
- 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1	<u>3</u>	TA2 BD1	<u>3</u>	TA3 BD1	<u>4</u>
TA1 BD2	<u>3</u>	TA2 BD2	<u>4</u>	TA3 BD2	<u>3</u>
TA1 BD3	<u>4</u>	TA2 BD3	<u>3</u>	TA3 BD3	<u>3</u>
TA1 BD4	<u>3</u>	TA2 BD4	<u>3</u>	TA3 BD4	<u>3</u>
TA1 BD5	<u>3</u>	TA2 BD5	<u>4</u>	TA3 BD5	<u>4</u>

not 34-37 over

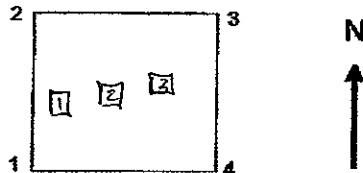
38 - TA1
 39 - TA2
 40 - TA3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas

8-1



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	15	RTA1SmallAvgArea: 1.5 x 1.0	27.5	Test Area 1 Total 100 → 17.5% → 0.5%
	RTA1MediumRocks:	10	RTA1MediumAvgArea: 2.5 x 2.0	50	
	RTA1LargeRocks:	3	RTA1LargeAvgArea: 3.0 x 2.5	22.5	
Test Area 2	RTA2SmallRocks:	35	RTA2SmallAvgArea: 1.5 x 1.0	52.5	Test Area 2 Total 412 → 4.17% → 2.05%
	RTA2MediumRocks:	20	RTA2MediumAvgArea: 3.0 x 2.5	150	
	RTA2LargeRocks:	12	RTA2LargeAvgArea: 5.0 x 3.0	210	
Test Area 3	RTA5SmallRocks:	20	RTA5SmallAvgArea: 1.0 x 1.0	20	Test Area 3 Total 96 → 2.1%
	RTA5MediumRocks:	6	RTA5MediumAvgArea: 3.0 x 2.5	45	
	RTA5LargeRocks:	2	RTA5LargeAvgArea: 4.5 x 3.5	31.5	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	PAN	Percent Cover of Non-Erodible Elements:	[]
Test Area 2 Sieve Size With Largest Volume:	PAN	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%)	
Test Area 3 Sieve Size With Largest Volume:	PAN		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1		Test Area 2		Test Area 3	
Sample TotWt:	284	Sample TotWt:	229	Sample TotWt:	308
Bottom PanWt:	78	Bottom PanWt:	64	Bottom PanWt:	86
Bottom Pan Tare Wt:	10	Bottom Pan Tare Wt:	10	Bottom Pan Tare Wt:	10
Material < 0.25 mm	[]	Material < 0.25 mm	[]	Material < 0.25 mm	[]

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. Hansen, S. Kerner Start Time: 12:45 Finish:

Test Site Info: Date: 6-27-05

Site No: 9-1 Site Name: Jone Mtn Retention Basin

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Hualapai Nearest Street2: Alexander

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N: <u>267-85-530</u>	NSPC N: <u>267-85-732</u>	NSPC N: <u>267-85-658</u>	NSPC N: <u>267-85-491</u>
NSPC E: <u>007-36-472</u>	NSPC E: <u>007-36-535</u>	NSPC E: <u>007-36-699</u>	NSPC E: <u>007-36-660</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear/Windy
 Temperature: 96 Days Since Last Precip: 5

Area Descr: Retention Basin - Disturbed Stabilized due to erosion

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above): Good candidate at later date

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1		3		5	
2		4			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW)	O1-1 (LOW)	NW Quadrant	NE Quadrant
O1-2 (MID)	O1-2 (MID)	SW Quadrant	SE Quadrant
O1-3 (HIGH)	O1-3 (HIGH)	Visual Check, Estimated % Coverage: <u>NONE</u>	

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N: <u>267-85-561</u>	NSPC N: <u>267-85-615</u>	NSPC N: <u>267-85-655</u>
NSPC E: <u>007-36-414</u>	NSPC E: <u>007-36-507</u>	NSPC E: <u>007-36-543</u>

Test Info: Test Date: 6-27-05

Penetration Index:

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 3. Ball breaks crust leaving a powdery crater
- 4. Ball leaves dimple on crust
- 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>5</u>	TA2 BD1:	<u>4</u>	TA3 BD1:	<u>4</u>
TA1 BD2:	<u>5</u>	TA2 BD2:	<u>5</u>	TA3 BD2:	<u>4</u>
TA1 BD3:	<u>4</u>	TA2 BD3:	<u>5</u>	TA3 BD3:	<u>4</u>
TA1 BD4:	<u>5</u>	TA2 BD4:	<u>4</u>	TA3 BD4:	<u>5</u>
TA1 BD5:	<u>4</u>	TA2 BD5:	<u>3</u>	TA3 BD5:	<u>4</u>

Picture 44-47 General Overview

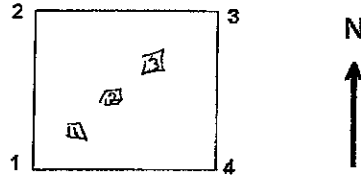
*48 Test area 1
 49 " " 2
 50-51 " " 3*

9-1 pg 2

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Relative Positions of Test Areas

Test info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	- Test Area 1 Total <input style="width: 50px;" type="text" value="9%"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input style="width: 50px;" type="text" value="5%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input style="width: 50px;" type="text" value="1%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

<p>N/A Test Area 1 Sieve Size With Largest Volume: <input style="width: 50px;" type="text"/></p> <p>Test Area 2 Sieve Size With Largest Volume: <input style="width: 50px;" type="text"/></p> <p>Test Area 3 Sieve Size With Largest Volume: <input style="width: 50px;" type="text"/></p>	<p>Percent Cover of Non-Erodible Elements: <input style="width: 50px;" type="text"/></p> <p>i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).</p>
--	--

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
N/A Sample TotWt: <input style="width: 50px;" type="text"/>	Sample TotWt: <input style="width: 50px;" type="text"/>	Sample TotWt: <input style="width: 50px;" type="text"/>
Bottom PanWt: <input style="width: 50px;" type="text"/>	Bottom PanWt: <input style="width: 50px;" type="text"/>	Bottom PanWt: <input style="width: 50px;" type="text"/>
Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>	Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>	Bottom Pan Tare Wt: <input style="width: 50px;" type="text"/>
Material < 0.25 mm: <input style="width: 50px;" type="text"/>	Material < 0.25 mm: <input style="width: 50px;" type="text"/>	Material < 0.25 mm: <input style="width: 50px;" type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. Hernandez, S. Kemmer Start Time: 1:20 Finish: 1:55

Test Site Info: Date: 6-27-05

Site No: TOA 10-1 Site Name: Red Rock Water Retention Basin

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Charleston Nearest Street2: Desert foothills

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-57957</u>	NSPC N <u>267-58125</u>	NSPC N <u>267-58-922</u>	NSPC N <u>267-58-159</u>
NSPC E <u>007-22-673</u>	NSPC E <u>007-22-128</u> <u>639</u>	NSPC E <u>007-22-832</u>	NSPC E <u>007-22-875</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear/Windy
 Temperature: 96 Days Since Last Precip: 5

Area Descr: Very Hard crust - shaly-like pieces

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Thistle</u>	<u>5</u>	3 		5 	
2 		4 			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) 	O1-1 (LOW) 	NW Quadrant 	NE Quadrant
O1-2 (MID) 	O1-2 (MID) 	SW Quadrant 	SE Quadrant
O1-3 (HIGH) 	O1-3 (HIGH) 	Visual Check, Estimated % Coverage <u>5</u>	

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>267-58-159</u>	NSPC N <u>267-58-202</u>	NSPC N <u>267-58-274</u>
NSPC E <u>007-22-615</u>	NSPC E <u>007-22-663</u>	NSPC E <u>007-22-737</u>

Test Info: Test Date: 6-29-05 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>5</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>5</u>
TA1 BD2: <u>5</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>4</u>
TA1 BD3: <u>5</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>5</u>
TA1 BD4: <u>4</u>	TA2 BD4: <u>5</u>	TA3 BD4: <u>5</u>
TA1 BD5: <u>5</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>4</u>

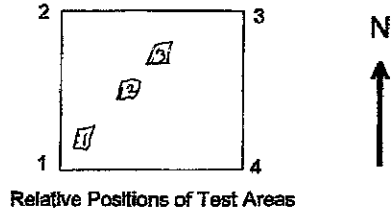
58-56 Overview
57-58 Test Site 1
59 " " 2
60 " " 3

10-1 pg 2

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total NONE
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total NONE
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total NONE
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

N/A

Test Area 1 Sieve Size With Largest Volume:	<input type="text"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text"/>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

N/A

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. Hansen, S. Kemmer Start Time: 1:55 Finish: 2:35

Test Site Info: Date: 6-27-05

Site No: 10-2 Site Name: Red Rock Retention Basin

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Charleston Nearest Street2: Desert Fairhills

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>267-58-436</u>	NSPC N <u>267-58-586</u>	NSPC N <u>267-58-494</u>	NSPC N <u>267-58-569</u>
NSPC E <u>007-22-150</u> <u>22</u>	NSPC E <u>007-22-160</u>	NSPC E <u>007-22-643</u>	NSPC E <u>007-22-670</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear/Windy

Temperature: 96 Days Since Last Precip: 5

Area Descr: clay sand - unstabilized

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Thistle</u>	<u>2</u>	3		5	
2		4			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) 	O1-1 (LOW) 	NW Quadrant 	NE Quadrant
O1-2 (MID) 	O1-2 (MID) 	SW Quadrant 	SE Quadrant
O1-3 (HIGH) 	O1-3 (HIGH) 	Visual Check, Estimated % Coverage 2	

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>267-58-537</u>	NSPC N <u>267-58-535</u>	NSPC N <u>267-58-600</u>
NSPC E <u>007-22-536</u>	NSPC E <u>007-22-436</u>	NSPC E <u>007-22-369</u>

Test Info: Test Date: 6-27-05

Penetration Index: 2. Ball breaks crust leaving a powdery crater

- 1. Surface consists of powdery soil with no clods
- 2. No crust on surface but clods are present
- 3. Ball leaves dimple on crust
- 4. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: 2	TA2 BD1: 3	TA3 BD1: 2
TA1 BD2: 1	TA2 BD2: 3	TA3 BD2: 2
TA1 BD3: 3	TA2 BD3: 2	TA3 BD3: 2
TA1 BD4: 2	TA2 BD4: 3	TA3 BD4: 2
TA1 BD5: 1	TA2 BD5: 2	TA3 BD5: 4

Picture 61-63 overview Test Area

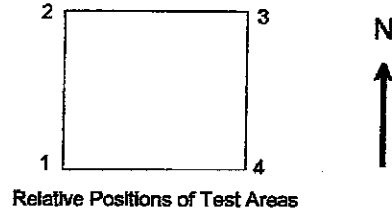
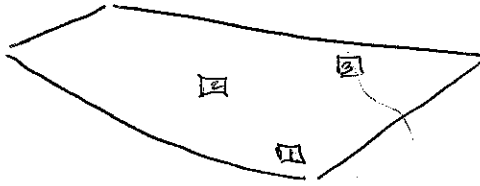
*64 Test Area 1
65 Test Area 2
66-69 " " 3*

10-2 - pg 2

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total NONE
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total NONE
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2-4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text" value="60"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text" value="60"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text" value="60"/>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text" value="200"/>	Sample TotWt: <input type="text" value="248"/>	Sample TotWt: <input type="text" value="280"/>
Bottom PanWt: <input type="text" value="86"/>	Bottom PanWt: <input type="text" value="74"/>	Bottom PanWt: <input type="text" value="50"/>
Bottom Pan Tare Wt: <input type="text" value="10"/>	Bottom Pan Tare Wt: <input type="text" value="10"/>	Bottom Pan Tare Wt: <input type="text" value="10"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Bag Tare wt. 10 grams

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: Y. Hansen & S. Kemmer Start Time: 11:40 Finish: 12:00

Test Site Info: Date: 6-27-05

Site No: 11-1 Site Name: Quarry

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Jane Mountain Nearest Street2: 215

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<u>267-91-280</u>	NSPC N	<u>267-91-445</u>	NSPC N	<u>267-91-237</u>	NSPC N	<u>267-91-514</u>
NSPC E	<u>007-34-415</u>	NSPC E	<u>007-34-407</u>	NSPC E	<u>007-34-034</u>	NSPC E	<u>007-34-583</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear/WINDY
 Temperature: 94 Days Since Last Precip: 5

Area Descr: Quarry - stabilized due to amount of rock coverage

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1		3		5	
2		4			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW)		NW Quadrant	NE Quadrant
O1-2 (MID)		SW Quadrant	SE Quadrant
O1-3 (HIGH)		Visual Check, Estimated % Coverage <u>NONE</u>	

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>267-91-525</u>	NSPC N <u>267-91-503</u>	NSPC N <u>267-91-465</u>
NSPC E <u>007-34-576</u>	NSPC E <u>007-34-566</u>	NSPC E <u>007-34-576</u>

Test Info: TestDate: 6-27-05 Penetration Index:

1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1		Test Area 2		Test Area 3	
TA1 BD1:	<u>3</u>	TA2 BD1:	<u>5</u>	TA3 BD1:	<u>4</u>
TA1 BD2:	<u>3</u>	TA2 BD2:	<u>4</u>	TA3 BD2:	<u>5</u>
TA1 BD3:	<u>6</u>	TA2 BD3:	<u>5</u>	TA3 BD3:	<u>4</u>
TA1 BD4:	<u>3</u>	TA2 BD4:	<u>4</u>	TA3 BD4:	<u>4</u>
TA1 BD5:	<u>3</u>	TA2 BD5:	<u>5</u>	TA3 BD5:	<u>4</u>

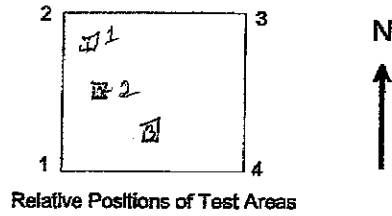
Pict 35-41 Test Area 1
 Pict 42 " " 2
 Pict 43 " " 3

11-1 pg 2

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	30	1.5 x 1	120	Test Area 1 Total 535 ⇒ 5.4% ⇒ 2.7%
	RTA1MediumRocks:	55	2 x 1.5	165	
	RTA1LargeRocks:	25	4 x 2.5	250	
Test Area 2	RTA2SmallRocks:				Test Area 2 Total 85% ⇒ 42%
	RTA2MediumRocks:				
	RTA2LargeRocks:				
Test Area 3	RTA5SmallRocks:				Test Area 3 Total 70% ⇒ 35%
	RTA5MediumRocks:				
	RTA5LargeRocks:				

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<input type="text"/>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<input type="text"/>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: 39.2	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: 10	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

N/A Heavy rock coverage

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Bag Tare wt. - 10 grams

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. Hansen, S. Kemmer Start Time: 11:05 Finish: 11:30

Test Site Info: Date: 6-27-05

Site No: 12-1 Site Name: Toney Pines + Grand Teton

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Toney Pines Nearest Street2: Grand Teton

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>268-12-737</u>	NSPC N <u>268-12-891</u>	NSPC N <u>268-12-747</u>	NSPC N <u>268-12-894</u>
NSPC E <u>007-58-688</u>	NSPC E <u>007-58-692</u>	NSPC E <u>007-59-035</u>	NSPC E <u>007-59-046</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear/Windy
 Temperature: 96 Days Since Last Precip: 5

Area Descr: Empty lot - stabilized

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Mist</u>	<input type="text"/>	3 <input type="text"/>	<input type="text"/>	5 <input type="text"/>	<input type="text"/>
2 <input type="text"/>	<input type="text"/>	4 <input type="text"/>	<input type="text"/>		

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <input type="text"/>	O1-1 (LOW) <input type="text"/>	NW Quadrant <input type="text"/> NE Quadrant <input type="text"/>
O1-2 (MID) <input type="text"/>	O1-2 (MID) <input type="text"/>	SW Quadrant <input type="text"/> SE Quadrant <input type="text"/>
O1-3 (HIGH) <input type="text"/>	O1-3 (HIGH) <input type="text"/>	Visual Check, Estimated % Coverage <u>>1%</u>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>268-12-889</u>	NSPC N <u>268-12-880</u>	NSPC N <u>268-12-833</u>
NSPC E <u>007-58-767</u>	NSPC E <u>007-58-811</u>	NSPC E <u>007-58-939</u>

Test Info: TestDate: 6-27-05 Penetration Index:
 1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>5</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>5</u>
TA1 BD2: <u>5</u>	TA2 BD2: <u>5</u>	TA3 BD2: <u>5</u>
TA1 BD3: <u>4</u>	TA2 BD3: <u>5</u>	TA3 BD3: <u>5</u>
TA1 BD4: <u>4</u>	TA2 BD4: <u>5</u>	TA3 BD4: <u>5</u>
TA1 BD5: <u>4</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>5</u>

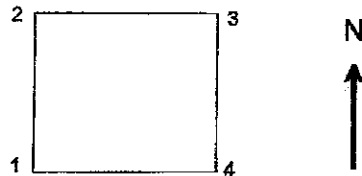
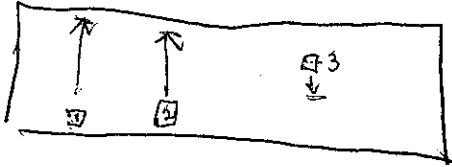
Picture 27-31 Test Area 1
 32 " " 2
 34 " " 3

17-1 pg 2

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Relative Positions of Test Areas

Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input type="text" value="5%"/> ⇒ <input type="text" value="2.5%"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input type="text" value="5%"/> ⇒ <input type="text" value="2.5%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text" value="2%"/> ⇒ <input type="text" value="1%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects <1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume: <input type="text"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>
Test Area 2 Sieve Size With Largest Volume: <input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).
Test Area 3 Sieve Size With Largest Volume: <input type="text"/>	

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material <0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. Hansen, S. Kemner Start Time: 9:55 Finish: 10:30

Test Site Info: Date: 6-29-05
 Site No: 13-1 Site Name: Jones + Dorrell

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Jonathan Jones Nearest Street2: Dorrell

Corner 1		Corner 2		Corner 3		Corner 4	
NSPC N	<u>268-21-260</u>	NSPC N	<u>268-21-382</u>	NSPC N	<u>268-21-366</u>	NSPC N	<u>268-21-161</u>
NSPC E	<u>007-61-455</u>	NSPC E	<u>007-61-479</u>	NSPC E	<u>007-61-330</u>	NSPC E	<u>007-61-679</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) clear/windy
 Temperature: 92 Days Since Last Precip: 5

Area Desc: Pool Dust - Disturbed Vacant Land - unstabilized

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Quercus</u>	<u>1</u>	3 		5 	
2 <u>Russian Thistle</u>	<u>1</u>	4 			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants	
O1-1 (LOW) 	O1-1 (LOW) 	NW Quadrant 	NE Quadrant
O1-2 (MID) 	O1-2 (MID) 	SW Quadrant 	SE Quadrant
O1-3 (HIGH) 	O1-3 (HIGH) 	Visual Check, Estimated % Coverage <u>21%</u>	

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>268-21-254</u>	NSPC N <u>268-21-311</u>	NSPC N <u>268-21-345</u>
NSPC E <u>007-61-652</u>	NSPC E <u>007-61-568</u>	NSPC E <u>007-61-527</u>

Test Info: Test Date: 6-29-05 Penetration Index: 6-29-05

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>1</u>	TA2 BD1: <u>5</u>	TA3 BD1: <u>3</u>
TA1 BD2: <u>1</u>	TA2 BD2: <u>4</u>	TA3 BD2: <u>3</u>
TA1 BD3: <u>1</u>	TA2 BD3: <u>4</u>	TA3 BD3: <u>4</u>
TA1 BD4: <u>3</u>	TA2 BD4: <u>5</u>	TA3 BD4: <u>4</u>
TA1 BD5: <u>3</u>	TA2 BD5: <u>4</u>	TA3 BD5: <u>3</u>

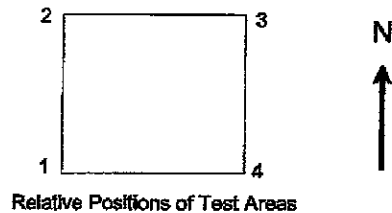
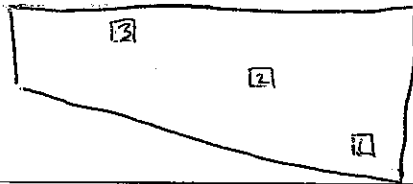
- Penetration Index:
- 1 Surface consists of powdery soil with no clods
 - 2 No crust on surface but clods are present
 - 3 Ball breaks crust leaving a powdery crater
 - 4 Ball leaves dimple on crust
 - 5 Ball does not penetrate crust

pick 19-24
 25 " " 2
 26 " " 3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input type="text" value="< 1%"/>
	RTA1MediumRocks:	<input type="text" value="2"/>	RTA1MediumAvgArea:	<input type="text" value="0.5 x 1"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input type="text" value="5%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input type="text" value="3%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	<u>Bottom Pan</u>	Percent Cover of Non-Erodible Elements:	<input type="text"/>
Test Area 2 Sieve Size With Largest Volume:	<u>n/a</u>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	<u>60</u>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2 <u>n/a</u>	Test Area 3
Sample TotWt: <input type="text" value="334"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text" value="178"/>
Bottom PanWt: <input type="text" value="44"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text" value="48"/>
Bottom Pan Tare Wt: <input type="text" value="10"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text" value="10"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Tare wt. of bag 10

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. Hansen, S. Kemmer Start Time: 9:25 Finish: 9:45

Test Site Info: Date: 6-27-05

Site No: 14-1 Site Name: Decatur + ~~Decatur~~ Iron mtn.

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe:

Location: Nearest Street1: Decatur Nearest Street2: Iron Mountain

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>268-19-544</u>	NSPC N <u>268-19-758</u>	NSPC N <u>268-19-739</u>	NSPC N <u>268-19-560</u>
NSPC E <u>007-67-118</u>	NSPC E <u>007-67-168</u>	NSPC E <u>007-67-274</u>	NSPC E <u>007-67-279</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear
 Temperature: 87 Days Since Last Precip: 5

Area Descr: Disturbed Stabilized Vacant Des.

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1		3		5	
2		4			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW) <input type="text"/>	O1-1 (LOW) <input type="text"/>	NW Quadrant <input type="text"/> NE Quadrant <input type="text"/>
O1-2 (MID) <input type="text"/>	O1-2 (MID) <input type="text"/>	SW Quadrant <input type="text"/> SE Quadrant <input type="text"/>
O1-3 (HIGH) <input type="text"/>	O1-3 (HIGH) <input type="text"/>	Visual Check, Estimated % Coverage <u><1</u>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>268-19-665</u>	NSPC N <u>268-19-690</u>	NSPC N <u>268-19-616</u>
NSPC E <u>007-67-135</u>	NSPC E <u>007-67-237</u>	NSPC E <u>007-67-274</u>

Test Info: Test Date: 6-27-05 Penetration Index:

1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

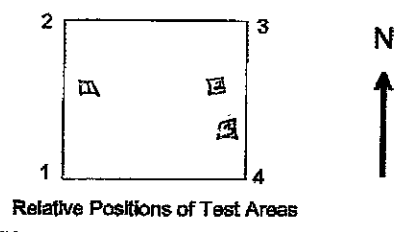
Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>4</u>	TA2 BD1: <u>4</u>	TA3 BD1: <u>5</u>
TA1 BD2: <u>4</u>	TA2 BD2: <u>5</u>	TA3 BD2: <u>4</u>
TA1 BD3: <u>4</u>	TA2 BD3: <u>5</u>	TA3 BD3: <u>5</u>
TA1 BD4: <u>5</u>	TA2 BD4: <u>5</u>	TA3 BD4: <u>4</u>
TA1 BD5: <u>5</u>	TA2 BD5: <u>5</u>	TA3 BD5: <u>5</u>

Picture 12 - K6 Test area 1
14-1
Pix 17 Test area 2
Pix 18 " " 3

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test Info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks	Area of Average Size Rock			
		A	B	A x B	
Test Area 1	RTA1SmallRocks:	<input type="text"/>	RTA1SmallAvgArea:	<input type="text"/>	Test Area 1 Total <input style="width: 100px;" type="text" value="45% => 22.5"/>
	RTA1MediumRocks:	<input type="text"/>	RTA1MediumAvgArea:	<input type="text"/>	
	RTA1LargeRocks:	<input type="text"/>	RTA1LargeAvgArea:	<input type="text"/>	
Test Area 2	RTA2SmallRocks:	<input type="text"/>	RTA2SmallAvgArea:	<input type="text"/>	Test Area 2 Total <input style="width: 100px;" type="text" value="20% => 10%"/>
	RTA2MediumRocks:	<input type="text"/>	RTA2MediumAvgArea:	<input type="text"/>	
	RTA2LargeRocks:	<input type="text"/>	RTA2LargeAvgArea:	<input type="text"/>	
Test Area 3	RTA5SmallRocks:	<input type="text"/>	RTA5SmallAvgArea:	<input type="text"/>	Test Area 3 Total <input style="width: 100px;" type="text" value="40% => 20%"/>
	RTA5MediumRocks:	<input type="text"/>	RTA5MediumAvgArea:	<input type="text"/>	
	RTA5LargeRocks:	<input type="text"/>	RTA5LargeAvgArea:	<input type="text"/>	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

N/A Test Area 1 Sieve Size With Largest Volume: <input type="text"/>	Percent Cover of Non-Erodible Elements: <input type="text"/>	
Test Area 2 Sieve Size With Largest Volume: <input type="text"/>	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >= 10%, 3 if >= 5% < 10%, 2 if >= 1% < 5%, and 1 if < 1%).	
Test Area 3 Sieve Size With Largest Volume: <input type="text"/>		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2	Test Area 3
N/A Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>	Sample TotWt: <input type="text"/>
Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>	Bottom PanWt: <input type="text"/>
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: <input type="text"/>
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Test Team Members: V. HANSEN S. KEMNER Start Time: 8:00 Finish: 4:00

Test Site Info: Date: 6-29-05

Site No: 15-1 Site Name: Army Nat'l Guard

Land Category: Native Desert Stabilized Vacant Land
 Disturbed Vacant Land Private Unpaved Road

Soil Category: Describe: Disturbed - unstabilized

Location: Nearest Street1: 215 Nearest Street2: Range Rd.

Corner 1	Corner 2	Corner 3	Corner 4
NSPC N <u>268-02-906</u>	NSPC N <u>268-02-985</u>	NSPC N <u>268-03-6003</u>	NSPC N <u>268-02-720</u>
NSPC E <u>008-13-041</u>	NSPC E <u>008-13-035</u>	NSPC E <u>008-13-526</u>	NSPC E <u>008-13-573</u>

Site Info: General Weather Conditions: (eg Partly Cloudy, Clear, Windy, etc) Clear
 Temperature: 86 Days Since Last Precip: 5

Area Descr: UNPAVED ROAD - North 1/2 - DISTURB. UNSTABLE / SOUTH SIDE DISTURB. STABLE

Vegetation Over Entire Test Site (% coverage of test site as seen looking down from above):

Vegetation Type	%	Vegetation Type	%	Vegetation Type	%
1 <u>Russian Thistle</u>		3		5	
2		4			

Weighted Technical Estimate (WTE) Methodology - Assume Normal Distribution

Vegetation Height, inches	Vegetation Umbrella, inches	Vegetation density, Estimated No. of Plants
O1-1 (LOW)	O1-1 (LOW)	NW Quadrant
O1-2 (MID)	O1-2 (MID)	NE Quadrant
O1-3 (HIGH)	O1-3 (HIGH)	SW Quadrant
		SE Quadrant
		Visual Check, Estimated % Coverage: <u>2</u>

Test Area Info:

Test Area 1	Test Area 2	Test Area 3
NSPC N <u>268-02-974</u>	NSPC N <u>268-02-968</u>	NSPC N <u>268-02-971</u>
NSPC E <u>008-13-229</u>	NSPC E <u>008-13-273</u>	NSPC E <u>008-13-446</u>

Test Info: Test Date: 6-29-05 Penetration Index: 2

1. Surface consists of powdery soil with no clods
 2. No crust on surface but clods are present
 3. Ball breaks crust leaving a powdery crater
 4. Ball leaves dimple on crust
 5. Ball does not penetrate crust

Surface Crust (Drop Ball Test)

Test Area 1	Test Area 2	Test Area 3
TA1 BD1: <u>4</u>	TA2 BD1: <u>1</u>	TA3 BD1: <u>1</u>
TA1 BD2: <u>4</u>	TA2 BD2: <u>2</u>	TA3 BD2: <u>2</u>
TA1 BD3: <u>4</u>	TA2 BD3: <u>2</u>	TA3 BD3: <u>2</u>
TA1 BD4: <u>4</u>	TA2 BD4: <u>1</u>	TA3 BD4: <u>1</u>
TA1 BD5: <u>4</u>	TA2 BD5: <u>1</u>	TA3 BD5: <u>1</u>

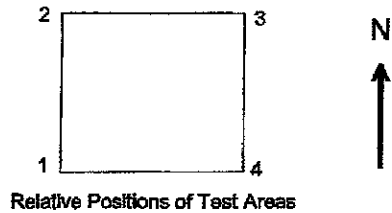
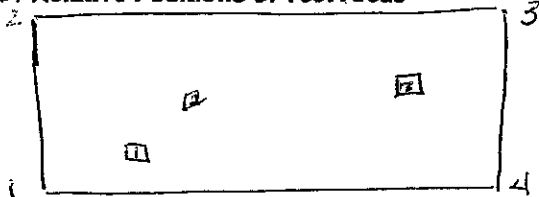
*picture 1-6 total area
7-8 test 2*

15-1 pg 2

Clark County Department of Air Quality Management

Ground Truthing Data Collection Form

Comments / Relative Positions of Test Areas



Test info:

Rock Cover (Perform over 1 square meter area):

Rock Test	Number of Rocks		Area of Average Size Rock		A x B	
	A	B	A	B		
Test Area 1	RTA1SmallRocks:		RTA1SmallAvgArea:			Test Area 1 Total 15% ⇒ 7.5
	RTA1MediumRocks:		RTA1MediumAvgArea:			
	RTA1LargeRocks:		RTA1LargeAvgArea:			
Test Area 2	RTA2SmallRocks:	16	RTA2SmallAvgArea:	2 x 1	32	Test Area 2 Total 131 ⇒ 1.3% ⇒ 7%
	RTA2MediumRocks:	10	RTA2MediumAvgArea:	3 x 2.5	75	
	RTA2LargeRocks:	2	RTA2LargeAvgArea:	3 x 4	24	
Test Area 3	RTA5SmallRocks:	20	RTA5SmallAvgArea:	1.0 x 1.0	10	Test Area 3 Total 82 ⇒ <1% ⇒ <1%
	RTA5MediumRocks:	10	RTA5MediumAvgArea:	2.0 x 1.5	30	
	RTA5LargeRocks:	4	RTA5LargeAvgArea:	3.5 x 3.0	42	

NOTE: Small rocks generally have average diameters ranging from 1 to 2 cm, Medium rocks 2 - 4 cm, and Large rocks > 4 cm. Rocks and other objects < 1 cm diameter are considered erodible elements.

Threshold Friction Velocity per CC AQR 90.4.1.3 (Run only if sufficient loose material is available and rock test fails)

Test Area 1 Sieve Size With Largest Volume:	NA	Percent Cover of Non-Erodible Elements:	
Test Area 2 Sieve Size With Largest Volume:	60	i.e., Rocks and vegetation cover to determine correction factor for TFV (i.e., correction factor is to multiply TFV by 5 if cover >=10%, 3 if >=5%<10%, 2 if >=1%<5%, and 1 if <1%).	
Test Area 3 Sieve Size With Largest Volume:	60		

Surface Silt Content Field Determination, grams (perform only if TLV test is applicable)

Test Area 1	Test Area 2 / grams	Test Area 3
Sample TotWt: <input type="text"/>	Sample TotWt: 236	Sample TotWt: 236 ^{tare} = 276
Bottom PanWt: <input type="text"/>	Bottom PanWt: 40	Bottom PanWt: 78 ^{tare} = 68
Bottom Pan Tare Wt: <input type="text"/>	Bottom Pan Tare Wt: 10	Bottom Pan Tare Wt: 10
Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>	Material < 0.25 mm: <input type="text"/>

To estimate silt loading, multiply material < 0.25 mm by 0.38 if an unpaved road or by 0.55 if an unpaved parking lot or open area. Divide by total sample weight to estimate silt fraction.

tare wt. of bag 10 grams

APPENDIX E

**TABLE 1 & TABLE 2-1 OF SECTION 90
CLARK COUNTY AIR QUALITY REGULATIONS**

CLARK COUNTY

AIR QUALITY REGULATIONS

SECTION 90 - FUGITIVE DUST FROM OPEN AREAS AND VACANT LOTS

- 90.1 **FUGITIVE DUST From OPEN AREAS AND VACANT LOTS**
- 90.1.1 **Purpose:** To limit the EMISSION of PARTICULATE MATTER into the AMBIENT AIR from OPEN AREAS AND VACANT LOTS.
- 90.1.2 **Applicability:** The provisions of this Regulation shall apply to OPEN AREAS AND VACANT LOTS which are located in the PM₁₀ NONATTAINMENT AREA (HYDROGRAPHIC BASIN 212) and the Apex Valley (HYDROGRAPHIC BASINS 216 and 217). Nothing in Section 90 of these Regulations shall be construed to prevent enforcement of Section 40 (Prohibition of NUISANCE Conditions) of these Regulations. The provisions of this Regulation shall not apply to Normal Farm Cultural Practices or the raising of fowl or animals. The provisions of this Regulation shall not apply to STATIONARY SOURCES as defined in Section 0, except that these control measures shall be considered as part of a BACT determination.
- 90.1.3 **Effective Date Of This Regulation:**
- 90.1.3.1 Section 90, adopted by the Clark County Board of County Commissioners on June 22, 2000, shall be effective in HYDROGRAPHIC BASIN 212 on January 1, 2001, except as otherwise provided herein.
- 90.1.3.2 Section 90 shall be effective in HYDROGRAPHIC BASINS 216 and 217 on April 1, 2002, except as otherwise provided herein.
- 90.2 **Requirements:**
- 90.2.1 **OPEN AREAS AND VACANT LOTS:** If OPEN AREAS AND VACANT LOTS are 5,000 square feet or larger and are disturbed by any means, including use by MOTOR VEHICLES and/or OFF-ROAD MOTOR VEHICLES or material dumping, then the OWNER AND/OR OPERATOR of such OPEN AREAS AND VACANT LOTS shall implement one or more of the CONTROL MEASURES described in Subsection 90.2.1.1 of this Regulation within 30 calendar days following the initial discovery of disturbance or vehicle use on OPEN AREAS AND VACANT LOTS. The OWNER AND/OR OPERATOR shall implement all control measures necessary to limit the disturbance of open areas and

vacant lots in accordance with the requirements of this regulation.

Advisory Notice: In order to conserve water to the greatest extent practicable, the use of RECLAIMED WATER is highly encouraged.

90.2.1.1 CONTROL MEASURES:

- (a) Where there is evidence of soil disturbance by MOTOR VEHICLES and/or OFF-ROAD VEHICLE use, prevent MOTOR VEHICLE and/or OFF-ROAD VEHICLE trespassing, parking, and/or access, by installing barriers, curbs, fences, gates, posts, signs, shrubs, trees, or other effective traffic Control Measures. A stable surface area shall be established and maintained by using one of the CONTROL MEASURES set forth in Subsections 90.2.1.1(b) or (c) or by the effective application of water in compliance with the stabilization standards set forth in Subsection 90.2.1.2. Where measures to prevent vehicular trespassing and movement are not effective, the application of water will not be utilized for surface stabilization. For the purposes of this Subsection, use of or parking on OPEN AREAS AND VACANT LOTS for noncommercial and non-institutional purposes by the OWNER AND/OR OPERATOR of such OPEN AREAS AND VACANT LOTS shall not be considered vehicle use under this Subsection. In addition, vehicle use related to landscaping maintenance shall not be considered vehicle use under this Subsection. For the purpose of this Regulation, landscape maintenance does not include grading, trenching, or any other mechanized surface disturbing activities performed to establish initial landscapes or to redesign existing landscapes; or
- (b) Where a DISTURBED SURFACE AREA exists (including disturbed surfaces caused by MOTOR VEHICLES), uniformly apply and maintain surface gravel or DUST PALLIATIVES to all areas disturbed by MOTOR VEHICLES in compliance with one of the stabilization standards described in Subsection 90.2.1.2 of this Regulation; or
- (c) Where a DISTURBED SURFACE AREA exists (including disturbed surfaces caused by MOTOR VEHICLES and/or OFF-ROAD MOTOR VEHICLES), apply and maintain an alternative CONTROL MEASURE approved in writing by the CONTROL OFFICER and the Region IX ADMINISTRATOR of the Environmental Protection Agency (EPA).

90.2.1.2 Stabilization Standards:

- (a) A visible crust shall be established, as determined by Subsection 90.4.1.1 (The Drop Ball/Steel Ball Test) of these Regulations; or,

- (b) A percent cover that is equal to or greater than 20% for non-erodible elements shall be established, as determined by Subsection 90.4.1.2 (Rock Test Method) of these Regulations; or,
- (c) A threshold friction velocity, corrected for non-erodible elements of 100 cm/second or higher, shall be established, as determined by Subsection 90.4.1.3 (Determination Of Threshold Friction Velocity) of this Regulation; or,
- (d) An alternative test method approved in writing by the CONTROL OFFICER and the Region IX ADMINISTRATOR of the EPA.

90.2.2 **Dust Mitigation Plans Required:** Any OWNER AND/OR OPERATOR of OPEN AREAS AND VACANT LOTS having a cumulative area of 10,000 acres or greater must submit a dust mitigation plan to the Department of Air Quality and Environmental Management for approval by March 31, 2003, in a format prescribed by the CONTROL OFFICER.

90.2.3 **Mechanized Weed Abatement and/or Trash Removal:** If machinery is used to clear weeds and/or trash from OPEN AREAS AND VACANT LOTS of 5,000 square feet or larger, then the following Control Measures set forth in Subsection 90.2.3.1 shall be applied. **Advisory Notice:** In order to conserve water to the greatest extent practicable, the use of RECLAIMED WATER is highly encouraged.

90.2.3.1 **CONTROL MEASURES**

- (a) Pre-wet surface soils before mechanized weed abatement and/or trash removal occurs; and,
- (b) Maintain dust control measures while mechanized weed abatement and/or trash removal is occurring; and,
- (c) PAVE, apply gravel, apply water, or apply a suitable DUST PALLIATIVE, in compliance with the stabilization standards set forth in Subsection 90.2.1.2 of this Regulation, after mechanized weed abatement and/or trash removal occurs.

90.3 **Record Keeping Requirements**

90.3.1 **Record Keeping:** Any PERSON subject to the requirements of this Regulation shall compile and retain records that provide evidence of CONTROL MEASURE application, by indicating type of treatment or CONTROL MEASURE, extent of coverage, and date applied. The records and supporting documentation shall be made available to the CONTROL OFFICER within 24 hours of a written request.

90.3.2 **Record Retention:** Copies of the records required by Subsection 90.3.1 (Record Keeping Requirements) of this Regulation shall be retained for at least one year.

90.4 **Test Methods**

90.4.1 **Stabilization Standards For OPEN AREAS AND VACANT LOTS:** The test methods described in Subsections 90.4.1.1 through Subsections 90.4.1.3 of this Regulation shall be used to determine whether an OPEN AREA or a VACANT LOT has a stabilized surface. Should a disturbed OPEN AREA or VACANT LOT contain more than one type of disturbance, soil, or other characteristics which are visibly distinguishable, each representative surface must be tested separately for stability in an area that represents a random portion of the overall disturbed conditions of the site, utilizing the appropriate test methods in Subsections 90.4.1.1 through Subsections 90.4.1.3 of this Regulation. Depending upon test method results, include or eliminate each representative surface from the total size assessment of the DISTURBED SURFACE AREA(S).

90.4.1.1 **Soil Crust Determination (The Drop Ball Test):** Drop a steel ball with a diameter of 15.9 millimeters (0.625 inches) and a mass ranging from 16-17 grams from a distance of 30 centimeters (one foot) directly above the soil surface. If blowsand is present, clear the blowsand from the surfaces on which the soil crust test method is conducted. Blowsand is defined as thin deposits of loose uncombined grains covering less than 50% of an OPEN AREA or VACANT LOT which have not originated from the representative OPEN AREA or VACANT LOT surface being tested. If material covers a visible crust, which is not blowsand, apply the test method in Subsection 90.4.1.3 (Determination Of Threshold Friction Velocity) of this Regulation to the loose material to determine whether the surface is stabilized.

- (a) A sufficient crust is defined under the following conditions: once a ball has been dropped according to Subsection 90.4.1.1 of this Regulation, the ball does not sink into the surface, so that it is partially or fully surrounded by loose grains and, upon removal of the ball, the surface upon which it fell has not been pulverized, so that loose grains are visible.
- (b) Randomly select each representative DISTURBED SURFACE for the drop ball test by using a blind "over the shoulder" toss of a throwable object (for example, a metal weight with survey tape attached). Using the point of fall as the lower left hand corner, measure a 1-foot square area. Drop the ball three times within the 1-foot by 1-foot square survey area, using a consistent pattern

across the survey area. The survey area shall be considered to have passed the Soil Crust Determination Test if at least two of the three times the Soil was dropped, the results met the criteria in Subsection 90.4.1.1(a) of this Regulation. Select at least two other survey areas that represent a random portion of the overall disturbed conditions of the site, and repeat this procedure. If the results meet the criteria of Subsection 90.4.1.1(a) of this Regulation for all of the survey areas tested, then the site shall be considered to have passed the Soil Crust Determination Test and shall be considered sufficiently crusted.

- (c) At any given site, the existence of a sufficient crust covering one portion of the site may not represent the existence or protectiveness of a crust on another portion of the site. Repeat the soil crust test as often as necessary on each portion of the overall conditions of the site using the random selection method set forth in Subsection 90.4.1.1(b) of this Regulation for an accurate assessment.

90.4.1.2 Rock Test Method: The Rock Test Method, which is similar to Subsection 90.4.1.3 (Determination Of Threshold Friction Velocity) of this Regulation, examines the wind-resistance effects of rocks and other non-erodible elements on disturbed surfaces. Non-erodible elements are objects larger than 1 centimeter (cm) in diameter that remain firmly in place even on windy days. Typically, non-erodible elements include rocks, stones, glass fragments, and hardpacked clumps of soil lying on or embedded in the surface. Vegetation does not count as a non-erodible element in this method. The purpose of this test method is to estimate the percent cover of non-erodible elements on a given surface to see whether such elements take up enough space to offer protection against windblown dust. For simplification, the following test method refers to all non-erodible elements as "rocks."

- (a) Randomly select a 1 meter by 1 meter survey area within an area that represents the general rock distribution on the surface (a 1 meter by 1 meter area is slightly greater than a 3 foot by 3 foot area). Use a blind "over the shoulder" toss of a throwable object (for example, a metal weight with survey tape attached) to select the survey surface and using the point of fall as the lower left hand corner, measure a 1 meter by 1 meter survey area. Mark-off the survey area by tracing a straight, visible line in the dirt along the edge of a measuring tape or by placing short ropes, yard sticks, or other straight objects in a square around the survey area.
- (b) Without moving any of the rocks or other elements, examine the survey area. Since rocks greater than 3/8 inch (1 cm) in diameter

are of interest, measure the diameter of some of the smaller rocks to get a sense of which rocks need to be considered.

- (c) Mentally group the rocks greater than 3/8 inch (1cm) diameter lying in the survey area into small, medium, and large size categories. If the rocks are all approximately the same size, simply select a rock of average size and typical shape. Without removing any of the rocks from the ground, count the number of rocks in the survey area in each group and write down the resulting number.
- (d) Without removing rocks, select one or two average-size rocks in each group and measure the length and width. Use either metric units or standard units. Using a calculator, multiply the length times the width of the rocks to get the average dimensions of the rocks in each group. Write down the results for each rock group.
- (e) For each rock group, multiply the average dimensions (length times width) by the number of rocks counted in the group. Add the results from each rock group to get the total rock area within the survey area.
- (f) Divide the total rock area, calculated in Subsection 90.4.1.2(e) of this Regulation, by two (to get frontal area). Divide the resulting number by the size of the survey area (make sure the units of measurement match), and multiply by 100 for percent rock cover. For example, the total rock area is 1,400 square centimeters, divide 1,400 by 2 to get 700. Divide 700 by 10,000 (the survey area is 1 meter by 1 meter, which is 100 centimeters by 100 centimeters or 10,000 centimeters) and multiply by 100. The result is 7% rock cover. If rock measurements are made in inches, convert the survey area from meters to inches (1 inch = 2.54 centimeters).
- (g) Select and mark-off two additional survey areas and repeat the procedures described in Subsection 90.4.1.2(a) through Subsection 90.4.1.2(f) of this Regulation. Make sure the additional survey areas also represent the general rock distribution on the site. Average the percent cover results from all three survey areas to estimate the average percent of rock cover.
- (h) If the average rock cover is greater than or equal to 20%, the surface is stable. If the average rock cover is less than 20%, follow the procedures in Subsection 90.4.1.2(i) of this Regulation.
- (i) If the average rock cover is less than 20%, the surface may or may not be stable. Follow the procedures in Subsection 90.4.1.3 (Determination Of Threshold Friction Velocity) of this Regulation

and use the results from the rock test method as a correction (i.e., multiplication) factor. If the rock cover is at least 1%, such rock cover helps to limit windblown dust. However, depending on the soil's ability to release fine dust particles into the air, the percent rock cover may or may not be sufficient enough to stabilize the surface. It is also possible that the soil itself has a high enough Threshold Friction Velocity (TFV) to be stable without accounting for rock cover.

- (j) After completing the procedures described in Subsection 90.4.1.2(i) of this Regulation, use Table 2 of this Regulation to identify the appropriate correction factor to the TFV, depending on the percent rock cover. Multiply the correction factor by the TFV value for a final TFV estimate that is corrected for non-erodible elements.

90.4.1.3 **Determination Of Threshold Friction Velocity (TFV):** For DISTURBED SURFACE AREAS that are not crusted or vegetated, determine TFV according to the following sieving field procedure (based on a 1952 laboratory procedure published by W. S. Chepil).

- (a) Obtain and stack a set of sieves with the following openings: 4 millimeters (mm), 2 mm, 1 mm, 0.5 mm, and 0.25 mm, or obtain and stack a set of standard/commonly available sieves. Place the sieves in order according to size openings, beginning with the largest size opening at the top. Place a collector pan underneath the bottom (0.25 mm) sieve. Collect a sample of loose surface material from an area at least 30 cm by 30 cm in size, to a depth of approximately 1 cm using a brush and dustpan or other similar device. Only collect soil samples from dry surfaces (i.e., when the surface is not damp to the touch). Remove any rocks larger than 1 cm in diameter from the sample. Pour the sample into the top sieve (4 mm opening) and cover the sieve/collector pan unit with a lid. Minimize escape of particles into the air when transferring surface soil into the sieve/collector pan unit. Move the covered sieve/collector pan unit by hand using a broad, circular arm motion in the horizontal plane. Complete twenty circular arm movements, ten clockwise and ten counterclockwise, at a speed just necessary to achieve some relative horizontal motion between the sieves and the particles. Remove the lid from the sieve/collector pan unit and disassemble each sieve separately, beginning with the largest sieve. As each sieve is removed, examine it for loose particles. If loose particles have not been sifted to the finest sieve through which they can pass, reassemble and cover the sieve/collector pan unit and gently rotate it an additional ten times. After disassembling the sieve/collector pan unit, slightly tilt and gently tap each sieve, and the collector pan, so that material aligns along one side. In

doing so, minimize escape of particles into the air. Line up the sieves and collector pan in a row and visibly inspect the relative quantities of catch in order to determine which sieve (or whether the collector pan) contains the greatest volume of material. If a visual determination of relative volumes of catch among sieves is difficult, use a graduated cylinder to measure the volume. Estimate TFV for the sieve catch with the greatest volume using Table 1 of this Subsection, which provides a correlation between sieve opening size and TFV.

Table 1. Determination Of Threshold Friction Velocity

Tyler Sieve No.	ASTM 11 Sieve No.	Opening (mm)	TFV (cm/s)
5	5	4	135
9	10	2	100
16	18	1	76
32	35	0.5	58
60	60	0.25	43
Collector Pan	—	—	30

- (b) Collect at least three soil samples which represent random portions of the overall conditions of the site, repeat the above TFV test method for each sample and average the resulting TFVs together to determine the TFV uncorrected for non-erodible elements. Non-erodible elements are distinct elements, in the random portion of the overall conditions of the site, that are larger than 1 cm in diameter, remain firmly in place during a wind episode, and inhibit soil loss by consuming part of the shear stress of the wind. Non-erodible elements include stones and bulk surface material but do not include flat or standing vegetation. For surfaces with non-erodible elements, determine corrections to the TFV by identifying the fraction of the survey area, as viewed from directly overhead, that is occupied by non-erodible elements using the following procedure. For a more detailed description of this procedure, see Subsection 90.4.1.2 (Rock Test Method) of this Regulation. Select a survey area of 1 meter by 1 meter that represents a random portion of the overall conditions of the site. Where many non-erodible elements lie within the survey area, separate the non-erodible elements into groups according to size. For each group, calculate the overhead area for the non-erodible elements according to the following equations:

- Eq. 1: (Average length) x (Average width) = Average Dimensions.
 Eq. 2: (Average Dimensions) x (Number of Elements) = Overhead Area.
 Eq. 3: Overhead Area Of Group 1 + Overhead Area Of Group 2 (etc.) = Total Overhead Area.
 Eq. 4: Total Overhead Area/2 = Total Frontal Area.
 Eq. 5: (Total Frontal Area/Survey Area) x 100 = Percent Cover Of Non-Erodible Elements.

Note: Ensure consistent units of measurement (e.g. square meters or square inches when calculating percent cover).

Repeat this procedure on an additional two distinct survey areas that represent a random portion of the overall conditions of the site and average the results. Use Table 2 of this Subsection to identify the correction factor for the percent cover of non-erodible elements. Multiply the TFV by the corresponding correction factor to calculate the TFV corrected for non-erodible elements.

Table 2. Correction Factors For Threshold Friction Velocity

Percent Cover Of Non-Erodible Elements	Correction Factor
Greater than or equal to 10%	5
Greater than or equal to 5% and less than 10%	3
Less than 5% and greater than or equal to 1%	2
Less than 1%	None

History: Initial adoption: June 22, 2000

Amended: November 16, 2000; November 20, 2001; December 17, 2002; June 3, 2003; July 1, 2004.

APPENDIX F

CLARK COUNT AIR QUALITY REGULATION SECTION 91.4.1.2

CLARK COUNTY

AIR QUALITY REGULATIONS

SECTION 91 - FUGITIVE DUST FROM UNPAVED ROADS, UNPAVED ALLEYS, AND UNPAVED EASEMENT ROADS

91.1 FUGITIVE DUST From Unpaved Roads, Unpaved Alleys, and Unpaved EASEMENT Roads

91.1.1 **Purpose:** To limit the Emission of PARTICULATE MATTER into the AMBIENT AIR from unpaved roads, unpaved alleys, unpaved ROAD EASEMENTS and unpaved access roads for utilities and railroads.

91.1.2 **Applicability:** The provisions of this Regulation shall apply to unpaved roads, which includes unpaved alleys, unpaved ROAD EASEMENTS and unpaved access roads for utilities and railroads which are located in the PM₁₀ NON-ATTAINMENT AREA (HYDROGRAPHIC BASIN 212) and the Apex Valley (HYDROGRAPHIC BASINS 216 and 217). Nothing in Subsections 91.1 through 91.3 of these Regulations shall be construed to prevent enforcement of Section 40 (Prohibition of NUISANCE Conditions) of these Regulations. The provisions of this Regulation shall not apply to non-commercial and non-institutional private driveways and shall not apply to horse trails, hiking paths, bicycle paths, or other similar paths that have been officially designated by a governing body for exclusive use for purposes other than travel by motor vehicles. The provisions of this Regulation shall not apply to STATIONARY SOURCES as defined in Section 0, except that these control measures shall be considered as part of a BACT determination.

91.1.3 **Effective Date Of This Regulation:**

91.1.3.1 Regulations 91.1 through 91.3 shall be effective in HYDROGRAPHIC BASIN 212 on their adoption by the District Board of Health of Clark County on June 22, 2000.

91.1.3.2 Regulations 91.1 through 91.3 shall be effective in HYDROGRAPHIC BASINS 216 and 217 on April 1, 2002.

91.2 **Requirements:**

91.2.1 **Unpaved Roads:** An OWNER AND/OR OPERATOR of an unpaved road in the PM₁₀ NON-ATTAINMENT AREA, shall implement one of the CONTROL MEASURES

set forth in Subsection 91.2.1.3 of this Regulation, except as set forth in Subsection 91.2.1.1 of this Regulation. For the purpose of this Regulation, the CONTROL MEASURES shall be considered effectively implemented when the unpaved roadway complies with the stabilization standards set forth in Subsection 91.2.1.4 of this Regulation. **Advisory Notice:** In order to conserve water to the greatest extent practicable, the use of RECLAIMED WATER is highly encouraged.

91.2.1.1 Implementation Of CONTROL MEASURES For Existing Unpaved Roads:

91.2.1.1.1 OWNERS AND/OR OPERATORS of existing unpaved roads that were constructed prior to June 22, 2000 in HYDROGRAPHIC BASIN 212 shall implement one of the CONTROL MEASURES set forth Subsection 91.2.1.3 of this Regulation according to the following schedule:

- (a) CONTROL MEASURES shall be implemented for one third (1/3) of the total miles of unpaved roads having vehicular traffic of 150 vehicles or more per day in accordance with Subsection 91.2.1.3 (CONTROL MEASURES) of this Regulation by June 1, 2001.
- 91 CONTROL MEASURES shall be implemented for two thirds (2/3) of the total miles of unpaved roads having vehicular traffic of 150 vehicles or more per day in accordance with Subsection 91.2.1.3 (CONTROL MEASURES) of this Regulation by June 1, 2002.
- (c) CONTROL MEASURES shall be implemented for all unpaved roads having vehicular traffic of 150 vehicles or more per day in accordance with Subsection 91.2.1.3 (CONTROL MEASURES) of this Regulation by June 1, 2003.
- (d) CONTROL MEASURES set forth in Subsection 91.2.1.3 shall be implemented for existing unpaved roads on which vehicular traffic is equal to or greater than 150 vehicles per day that develops after June 1, 2003. CONTROL MEASURES shall be implemented within 365 calendar days following the initial discovery that vehicular traffic equals or exceeds 150 vehicles per day and that the road surface does not comply with the stabilization standards set forth in Subsection 91.2.1.4 of this Regulation. The CONTROL OFFICER may require short-term stabilization of any unpaved road subject to Subsection 91.2.1.1(d).
- (e) Non-federal Requirement: CONTROL MEASURES set forth in Subsection 91.2.1.3 shall be implemented for existing unpaved roads having vehicular traffic of less than 150 vehicles per day within 365 calendar days following the initial discovery that the road surface does not comply with the stabilization standards set forth in Section 91.2.1.4 of this Regulation. The requirements of this

Subsection (91.2.1.1 (e)) shall not constitute applicable State Implementation Plan requirements pursuant to Section 189 of the federal Clean Air Act. The CONTROL OFFICER may require short-term stabilization of any unpaved road subject to Subsection 91.2.1.1 (e)). For the purpose of this Subsection, the CONTROL MEASURES shall be considered effectively implemented when the unpaved road complies with the stabilization standards set forth in Subsection 91.2.1.4 of this Regulation.

91.2.1.1.2 OWNERS AND/OR OPERATORS of existing unpaved roads that were constructed prior to April 1, 2002 in HYDROGRAPHIC BASINS 216 and 217 shall implement one of the CONTROL MEASURES set forth Subsection 91.2.1.3 of this Regulation according to the following schedule:

- (a) CONTROL MEASURES shall be implemented for one third (1/3) of the total miles of unpaved roads having vehicular traffic of 150 vehicles or more per day in accordance with Subsection 91.2.1.3 (CONTROL MEASURES) of this Regulation by April 1, 2003.
- (b) CONTROL MEASURES shall be implemented for two thirds (2/3) of the total miles of unpaved roads having vehicular traffic of 150 vehicles or more per day in accordance with Subsection 91.2.1.3 (CONTROL MEASURES) of this Regulation by April 1, 2004.
- (c) CONTROL MEASURES shall be implemented for all unpaved roads having vehicular traffic of 150 vehicles or more per day in accordance with Subsection 91.2.1.3 (CONTROL MEASURES) of this Regulation by April 1, 2005.
- (d) CONTROL MEASURES set forth in Subsection 91.2.1.3 shall be implemented for existing unpaved roads on which vehicular traffic is equal to or greater than 150 vehicles per day that develops after April 1, 2005. CONTROL MEASURES shall be implemented within 365 calendar days following the initial discovery that vehicular traffic equals or exceeds 150 vehicles per day and that the road surface does not comply with the stabilization standards set forth in Subsection 91.2.1.4 of this Regulation. The CONTROL OFFICER may require short-term stabilization of any unpaved road subject to Subsection 91.2.1.1(d).
- (e) Non-federal Requirement: CONTROL MEASURES set forth in Subsection 91.2.1.3 shall be implemented for existing unpaved roads having vehicular traffic of less than 150 vehicles per day within 365 calendar days following the initial discovery that the road surface does not comply with the stabilization standards set forth in Section 91.2.1.4 of this Regulation. The requirements of this Subsection (91.2.1.1 (e)) shall not constitute applicable State

Implementation Plan requirements pursuant to Section 189 of the federal Clean Air Act. The CONTROL OFFICER may require short-term stabilization of any unpaved road subject to Subsection 91.2.1.1 (e)). For the purpose of this Subsection, the CONTROL MEASURES shall be considered effectively implemented when the unpaved road complies with the stabilization standards set forth in Subsection 91.2.1.4 of this Regulation.

91.2.1.2 No unpaved roads or alleys may be constructed in public thoroughfares in HYDROGRAPHIC BASIN 212 after June 22, 2000, or in HYDROGRAPHIC BASINS 216 and 217 after April 1, 2002, unless the unpaved road is an interim component of an active paving project.

91.2.1.3 **CONTROL MEASURES:**

- (a) PAVE, or
- (b) Apply DUST PALLIATIVES, in compliance with the stabilization standards set forth in Subsection 91.2.1.4 of this Regulation, or
- (c) Apply and maintain an alternative CONTROL MEASURE approved in writing by the CONTROL OFFICER and the Region IX Administrator of the EPA.

91.2.1.4 **Stabilization Standards:** For the purpose of this rule, CONTROL MEASURES shall be considered effectively implemented when stabilization observations for FUGITIVE Dust EMISSIONS from unpaved roads and unpaved alleys do not exceed 20% OPACITY and do not equal or exceed 0.33 oz/ft² silt loading, or do not exceed 6% silt content, as determined by Subsection 91.4.1 of these Regulations.

91.3 **Record Keeping Requirements**

91.3.1 **Record Keeping:** Any person subject to the requirements of this Regulation shall compile and retain records that provide evidence of CONTROL MEASURE application, by indicating type of treatment or CONTROL MEASURE, extent of coverage, and date applied. The records and supporting documentation shall be made available to the CONTROL OFFICER within 24 hours from written or verbal request.

91.3.2 **Records Retention:** Copies of the records required by Subsection 91.3.1 (Record Keeping Requirements) of this Regulation shall be retained for at least one year.

91.3.3 **Reports Required:** In addition to complying with the record keeping requirements specified in Subsection 91.3.1, OWNERS of unpaved roads shall be subject to the requirements set forth in Subsection 91.2.1.1, and

shall prepare and submit a written report to the CONTROL OFFICER documenting compliance with the provisions of Subsection 91.2.1.1. This report shall be prepared for the years 2001, 2002, and 2003 for OWNERS of unpaved roads in HYDROGRAPHIC BASIN 212, for the years 2003, 2004, and 2005 for OWNERS of unpaved roads in HYDROGRAPHIC BASINS 216 and 217, and shall be submitted to the CONTROL OFFICER no later than October first of each year and shall include:

91.3.3.1 The total miles of unpaved roads under the jurisdiction of the OWNER and the miles PAVED during the reporting period subject to the requirements of Subsection 91.2.1.1. Miles of PAVING for roads subject to Subsections 91.2.1.1.1(a), 91.2.1.1.1(b), and 91.2.1.1.1(c) must be listed separately from paving of roads found to be subject Subsection 91.2.1.1.1 (d). Miles of PAVING for roads subject to Subsections 91.2.1.1.2(a), 91.2.1.1.2(b), and 91.2.1.1.2(c) must be listed separately from paving of roads found to be subject Subsection 91.2.1.1.2(d).

91.4 Test Methods

91.4.1 Stabilization Test Methods For Unpaved Roads And Unpaved Alleys:

91.4.1.1 **OPACITY Test Method:** The purpose of this test method is to estimate the percent OPACITY of FUGITIVE DUST plumes caused by vehicle movement on unpaved roads, unpaved alleys, and unpaved EASEMENTS. This method can only be conducted by an individual who has received certification as a qualified Visible EMISSIONS Evaluator.

- (a) Step 1: Stand at least 16.5 feet from the FUGITIVE DUST source in order to provide a clear view of the EMISSIONS with the sun oriented in the 140-degree sector to the back. Following the above requirements, make OPACITY observations so that the line of vision is approximately perpendicular to the dust plume and wind direction. If multiple plumes are involved, do not include more than one plume in the line of sight at one time.
- (b) Step 2: Record the FUGITIVE DUST source location, source type, method of control used, if any, observer's name, certification data and affiliation, and a sketch of the observer's position relative to the FUGITIVE DUST source. Also, record the time, estimated distance to the FUGITIVE DUST source location, approximate wind direction, estimated wind speed, description of the sky condition (presence and color of clouds), observer's position to the FUGITIVE DUST source, and color of the plume and type of background on the visible emission observation form both when OPACITY readings are initiated and completed.

- (c) Step 3: Make OPACITY observations, to the extent possible, using a contrasting background that is perpendicular to the line of vision. Make OPACITY observations approximately 1 meter above the surface from which the plume is generated. Note that the observation is to be made at only one visual point upon generation of a plume, as opposed to visually tracking the entire length of a dust plume as it is created along a surface. Make two observations per vehicle, beginning with the first reading at zero seconds and the second reading at five seconds. The zero-second observation should begin immediately after a plume has been created above the surface involved. Do not look continuously at the plume but, instead, observe the plume briefly at zero seconds and then again at five seconds.
- (d) Step 4: Record the OPACITY observations to the nearest 5% on an observational record sheet. Each momentary observation recorded represents the average OPACITY of EMISSIONS for a 5-second period. While it is not required by the test method, EPA recommends that the observer estimate the size of vehicles which generate dust plumes for which readings are taken (e.g. mid-size passenger car or heavy-duty truck) and the approximate speeds the vehicles are traveling when readings are taken.
- (e) Step 5: Repeat Step 3 (Subsection 91.4.1.1(c) of this Regulation) and Step 4 (Subsection 91.4.1.1 (d) of this Regulation) until you have recorded a total of 12 consecutive OPACITY readings. This will occur once six vehicles have driven on the source in your line of observation for which you are able to take proper readings. The 12 consecutive readings must be taken within the same period of observation but must not exceed 1 hour. Observations immediately preceding and following interrupted observations can be considered consecutive.
- (f) Step 6: Average the 12 OPACITY readings together. If the average OPACITY reading equals 20% or lower, the source is in compliance with the OPACITY standard described in Section 91 of these Regulations.

91.4.1.2

Silt Content Test Method: The purpose of this test method is to estimate the silt content of the trafficked parts of unpaved roads, unpaved alleys, and unpaved EASEMENTS. The higher the silt content, the greater the amount of fine dust particles that are entrained into the atmosphere when cars and trucks drive on unpaved roads, unpaved alleys, and unpaved EASEMENTS.

- (a) Equipment:

- (1) A set of sieves with the following openings: 4 millimeters (mm), 2 mm, 1 mm, 0.5 mm and 0.25 mm, a lid, and collector pan
 - (2) A small whiskbroom or paintbrush with stiff bristles and dustpan 1 foot in width (the broom/brush should preferably have one, thin row of bristles no longer than 1.5 inches in length)
 - (3) A spatula without holes
 - (4) A small scale with half ounce increments (e.g., postal/package scale)
 - (5) A shallow, lightweight container (e.g., plastic storage container)
 - (6) A sturdy cardboard box or other rigid object with a level surface
 - (7) A calculator
 - (8) Cloth gloves (optional for handling metal sieves on hot, sunny days)
 - (9) Sealable plastic bags (if sending samples to a laboratory)
 - (10) A pencil/pen and paper
- (b) Step 1: Look for a routinely traveled surface, as evidenced by tire tracks (only collect samples from surfaces that are not damp due to precipitation or dew). This statement is not meant to be a standard in itself for dampness where watering is being used as a CONTROL MEASURE. It is only intended to ensure that surface testing is done in a representative manner. Use caution when taking samples to ensure personal safety with respect to passing vehicles. Gently press the edge of a dustpan (1 foot in width) into the surface four times to mark an area that is 1 square foot. Collect a sample of loose surface material using a whiskbroom or brush and slowly sweep the material into the dustpan, minimizing escape of dust particles. Use a spatula to lift heavier elements such as gravel. Only collect dirt/gravel to an approximate depth of 3/8 inch or 1 cm in the 1 square foot area. If you reach a hard, underlying subsurface that is greater than 3/8 inch in depth, do not continue collecting the sample by digging into the hard surface. In other words, you are only collecting a surface sample of loose material down to 1 cm. In order to confirm that samples are collected to 1

cm in depth, a wooden dowel or other similar narrow object at least one foot in length can be laid horizontally across the survey area while a metric ruler is held perpendicular to the dowel.

- At this point, you can choose to place the sample collected into a plastic bag or container and take it to an independent laboratory for silt content analysis. A reference to the procedure the laboratory is required to follow is at the end of this section.
- (c) Step 2: Place a scale on a level surface. Place a lightweight container on the scale. Zero the scale with the weight of the empty container on it. Transfer the entire sample collected in the dustpan to the container, minimizing escape of dust particles. Weigh the sample and record its weight.
 - (d) Step 3: Stack a set of sieves in order according to the size openings specified above, beginning with the largest size opening (4 mm) at the top. Place a collector pan underneath the bottom (0.25 mm) sieve.
 - (e) Step 4: Carefully pour the sample into the sieve stack, minimizing escape of dust particles by slowly brushing material into the stack with a whiskbroom or brush (on windy days, use the trunk or door of a car as a wind barricade). Cover the stack with a lid. Lift up the sieve stack and shake it vigorously up, down and sideways for at least 1 minute.
 - (f) Step 5: Remove the lid from the stack and disassemble each sieve separately, beginning with the top sieve. As you remove each sieve, examine it to make sure that all of the material has been sifted to the finest sieve through which it can pass; e.g. material in each sieve (besides the top sieve that captures a range of larger elements) should look the same size. If this is not the case, re-stack the sieves and collector pan, cover the stack with the lid, and shake it again for at least 1 minute (you only need to reassemble the sieve(s) that contain material, which requires further sifting).
 - (g) Step 6: After disassembling the sieves and collector pan, slowly sweep the material from the collector pan into the empty container originally used to collect and weigh the entire sample. Take care to minimize escape of dust particles. You do not need to do anything with material captured in the sieves; only the collector pan. Weigh the container with the material from the collector pan and record its weight.

- (h) Step 7: If the source is an unpaved road, multiply the resulting weight by 0.38. If the source is an UNPAVED PARKING LOT, multiply the resulting weight by 0.55. The resulting number is the estimated silt loading. Then, divide by the total weight of the sample you recorded earlier in Step 2 (Subsection 91.4.1.2(c) of this Regulation) and multiply by 100 to estimate the percent silt content.
- (i) Step 8: Select another two routinely traveled portions of the unpaved road or UNPAVED PARKING LOT and repeat this test method. Once you have calculated the silt loading and percent silt content of the 3 samples collected, average your results together.
- (j) Step 9: Examine Results. If the average silt loading is less than 0.33 oz/ft², the surface is stable. If the average silt loading is greater than or equal to 0.33 oz/ft², then proceed to examine the average percent silt content. If the source is an unpaved road, unpaved alley, or unpaved EASEMENT and the average percent silt content is 6% or less, the surface is stable. If your field test results are within 2% of the standard (for example, 4%-8% silt content on an unpaved road, alley, or EASEMENT), it is recommended that you collect 3 additional samples from the source according to Step 1 (Subsection 91.4.1.2(b) of this Regulation) and take them to an independent laboratory for silt content analysis.
- (k) Independent Laboratory Analysis: You may choose to collect 3 samples from the source, according to Step 1 (Subsection 91.4.1.2(b) of this Regulation), and send them to an independent laboratory for silt content analysis rather than conduct the sieve field procedure. If so, the test method the laboratory is required to use is:

"Procedures For Laboratory Analysis Of Surface/Bulk Loading Samples", (Fifth Edition, Volume I, Appendix C.2.3 "Silt Analysis", 1995), AP-42, Office of Air Quality Planning & Standards, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina

History: Initial Adoption: June 22, 2000.

Amended: November 16, 2000; December 21, 2000; June 3, 2003; July 1, 2004.

APPENDIX G

WIND ERODIBILITY GROUPS

(Source: U.S. Department of Agriculture,
Natural Resources Conservation Services, 2005.
National Soil Survey Handbook, title 430-VI.

Exhibit 618-16.

Online: <http://soils.usda.gov/technical/handbook/>)

Wind Erodibility Groups (WEG) and Index (Exhibit 618-16)

WEG 1,3,4,5	Properties of Soil Surface Layer	Dry Soil Aggregates More Than 0.84 mm (wt.%)	Wind Erodibility Index (I) (tons/ac/yr)
1	Very fine sand, fine sand, sand or coarse sand ²	1 2 3 5 7	310 250 220 180 160
2	Loamy very fine sand, loamy fine sand, loamy sand, loamy coarse sand; very fine sandy loam and silt loam with 5 or less percent clay and 25 or less percent very fine sand; and sapric soil materials (as defined in <u>Soil Taxonomy</u>); except Folists	10	134
3	Very fine sandy loam, fine sandy loam, sandy loam, coarse sandy loam, and noncalcareous silt loam that has 20 to 50 percent very fine sand and 5 to 12 percent clay	25	86
4	Clay, silty clay, noncalcareous clay loam that has more than 35 percent clay, and noncalcareous silty clay loam that has more than 35 percent clay. All of these do not have sesquic, parasesquic, ferritic, ferruginous, or kaolinitic mineralogy (high iron oxide content).	25	86
4L	Calcareous ⁶ loam, calcareous silt loam, calcareous silt, calcareous sandy clay, calcareous sandy clay loam, calcareous clay loam and calcareous silty clay loam.	25	86
5	Noncalcareous loam that has less than 20 percent clay; noncalcareous silt loam with 12 to 20 percent clay; noncalcareous sandy clay loam; noncalcareous sandy clay; and hemic materials (as defined in <u>Soil Taxonomy</u>).	40	56
6	Noncalcareous loam and silt loam that have more than 20 percent clay; noncalcareous clay loam and noncalcareous silty clay loam that has less than 35 percent clay; silt loam that has parasesquic, ferritic, or kaolinitic mineralogy (high iron oxide content)	45	48
7	Noncalcareous silt; noncalcareous silty clay, noncalcareous silty clay loam, and noncalcareous clay that have sesquic, parasesquic, ferritic, ferruginous, or kaolinitic mineralogy (high content of iron oxide) and are Oxisols or Ultisols; and fibric material (as defined in <u>Soil Taxonomy</u>)	50	38
8	Soils not susceptible to wind erosion due to rock and pararock fragments at the surface and/or wetness; and Folists	--	0

1 For all WEGs except sands and loamy sand textures, if percent rock and pararock fragments (>2mm) by volume is 15-35, reduce "I" value by one group with more favorable rating. If percent rock and pararock fragments by volume is 35-60, reduce "I" value by two favorable groups except for sands and loamy sand textures which are reduced by one group with more favorable rating. If percent rock and pararock

fragments is greater than 60, use "I" value of 0 for all textures except sands and loamy sand textures which are reduced by three groups with more favorable ratings. An example of more favorable "I" rating is next lower number - "I" factor of 160 to "I" factor of 134 or "I" factor of 86 to "I" factor of 56.

2 The "I" values for WEG 1 vary from 160 for coarse sands to 310 for very fine sands. Use an "I" of 220 as an average figure.

3 All material that meets criterion 3 in the requirements for andic soil properties in the Keys to Soil Taxonomy, 10th edition, regardless of the fine earth texture, are placed in WEG 2.

4 All material that meets criterion 2 in the requirements for andic soil properties in the Keys to Soil Taxonomy, 10th edition, regardless of the fine earth texture, are placed in WEG 6 except for medial classes of Cryic Spodosols having MAAT < 40 degrees F. which are placed in WEG 2.

5 Surface layers or horizons that do not meet andic soil properties criteria but do meet Vitrandic, Vitritorrandic, and Vitrixerandic subgroup criteria (thickness requirement excluded) move one group with less favorable rating.

6 Calcareous is a strongly or violently effervescent reaction of the fine-earth fraction to cold dilute (1N) HCL; a paper "Computing the Wind Erodible Fraction of Soils" by D. W. Fryear et.al (1994) in the J. Soil and Water Conservation 49 (2) 183-188 raises a yet unresolved question regarding the effect of carbonates on wind erosion.

APPENDIX H

TRAFFIC COUNT DATA FORM FIELD SHEETS

TRAFFIC COUNT DATA FORM

Traffic Counter Location Nevada State Plane	N	E
---	---	---

Start Date:	Start Time:	Stop Date:	Stop Time:
--------------------	--------------------	-------------------	-------------------

Traffic Count Data Collection Team	Traffic Counter Identification No.
---	---

Road Width, ft.		Road Length, miles (measured by odometer)	
Road Endpoint Coordinates			
Vegetation Surrounding Road (type, coverage)			

Land Identification and Land Use	
---	--

Road Function (e.g., recreational, construction)	
---	--

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments

TRAFFIC COUNT DATA FORM

UP Road 1

EQ 01

Traffic Counter Location Nevada State Plane	267-28-530 N	007-54-153	E
--	--------------	------------	---

Start Date: 10/15/05	Start Time: See Spreadsheet	Stop Date: 10/19	Stop Time: 07:30
----------------------	-----------------------------	------------------	------------------

Traffic Count Data Collection Team	V Hansen F Hall	Traffic Counter Identification No.	EQ01
---------------------------------------	-----------------	---------------------------------------	------

Road Width, ft.	40 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-54-137 E 267-29-127 N	007-54-135 E 267-29-124 N	1045 ft 1645 ft total
Vegetation Surrounding Road (type, coverage)	Sparse		

Land Identification and Land Use	Future development
-------------------------------------	--------------------

Road Function (e.g., recreational, construction)	Pass through shortcut.
---	------------------------

Pick up 10/19 07:30

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Road has blockaid at one end but vehicles go around.		
	checked 10/12 15:00	10/17 08:30 14:30	10/18 14:10

photos 1-3

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 2 Jamar 1

Traffic Counter Location Nevada State Plane	267-30-046 N 267-30-107 N	007-88051-880 267-30-046 007-51-884	E
--	---	--	---

Start Date: 10/14/05	Start Time: 11:55	Stop Date: 10/19	Stop Time: 07:35
----------------------	-------------------	------------------	------------------

Traffic Count Data Collection Team	V. F. R. D.	Traffic Counter Identification No.	Jamar 01
---------------------------------------	-------------	---------------------------------------	----------

Road Width, ft. 25.0	25.0	Road Length, miles (measured by odometer)	
-------------------------	------	--	--

Road Endpoint Coordinates	007-52-155 E	267-30-111 N
---------------------------	--------------	--------------

Vegetation Surrounding Road (type, coverage)	SPARSE - creosote, bursage
---	----------------------------

Land Identification and Land Use	AIRPORT McCARREN LAND -
-------------------------------------	-------------------------

Road Function (e.g., recreational, construction)	Water truck, Pool cleaning truck
--	----------------------------------

Pickup 10/19 07:35

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	10/15 checked Sat. - OK 10/17 08:40 14:30 10/18 09:15 14:12 10/15:00 Sunday - Tape not on road. Cut from end nail attachment. Reinstalled across road & continued count
----------	--

10/17 Photos 4-11
10/18 Photos 1-7

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 3 Jamar 02

Traffic Counter Location Nevada State Plane	267-31-725 N	007-51-412	E
--	--------------	------------	---

Start Date: 10/16	Start Time: 5u Spreadsheet	Stop Date: 10/19	Stop Time: 07:40
-------------------	-------------------------------	------------------	------------------

Traffic Count Data Collection Team	Vicky & Fred	Traffic Counter Identification No.	Jamar 02
---------------------------------------	--------------	---------------------------------------	----------

Road Width, ft.	24	Road Length, miles (measured by odometer)	
-----------------	----	--	--

Road Endpoint Coordinates	007-51-420 E 267-32-749 N
---------------------------	------------------------------

Vegetation Surrounding Road (type, coverage)	Crossite, bursage, Russian Thistle, Yuccas, sparse vegetation
---	--

Land Identification and Land Use	Future Development
-------------------------------------	--------------------

Road Function (e.g. recreational, construction)	Pass through
--	--------------

Pickup 10/19 07:40			
Vehicle Count (for total survey period)		ADT (for each survey date)	

Comments	Checked Saturday / Sunday 3:00 10/16 10:00 am 10/17 08:50 14:35 10/18 09:20 14:15
----------	--

10/17 Photos 12-17
10/18 Photos 8-12

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 546

Jamar 03

Traffic Counter Location Nevada State Plane	267-13-410 ^N	007-44-801	E
--	-------------------------	------------	---

Start Date:	Start Time:	Stop Date: 10/19	Stop Time: 08:00
-------------	-------------	------------------	------------------

Traffic Count Data Collection Team	V & F	Traffic Counter Identification No.	Jamar 03
---------------------------------------	-------	---------------------------------------	----------

Start - 007-44-821 E 267-12-731 N

Road Width, ft.	32 ft.	Road Length, miles (measured by odometer)	
-----------------	--------	--	--

Road Endpoint Coordinates	007-44-857 E	267-13-910 N
---------------------------	--------------	--------------

Vegetation Surrounding Road (type, coverage)	Sparse - Creosote, Bursage NATIVE DESERT
---	---

Land Identification and Land Use	Future Development
-------------------------------------	--------------------

Road Function (e.g., recreational, construction)	Construction
---	--------------

Pickup 10/19 08:00

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	10/16 checked 8:30 & 15:30 10/17 09:10, 14:50 10/18 09:35 - Counter mostly underwater. Rains caused runoff streams. Unit operating normally. 15:15 OK
----------	---

Photos 18-23

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 7

EQ 02

Traffic Counter Location Nevada State Plane	267-11-968 N	007-29-846 E
--	--------------	--------------

Start Date:	Start Time:	Stop Date:	Stop Time:
-------------	-------------	------------	------------

Traffic Count Data Collection Team	V & F	Traffic Counter Identification No.	EQ 02
------------------------------------	-------	------------------------------------	-------

Start 007-29-973 E 067-11-974 N

Road Width, ft.	27 ft	Road Length, miles (measured by odometer)	
-----------------	-------	--	--

Road Endpoint Coordinates	007-29-006 E 267-12-002 N	007-29-985 E 267-11-983 N
---------------------------	------------------------------	------------------------------

Vegetation Surrounding Road (type, coverage)	Native Desert - medium density Creosote, Bursage, Cholla, Yuccas
---	---

Land Identification and Land Use	Pass through in back of residential
----------------------------------	-------------------------------------

Road Function (e.g., recreational, construction)	Local Traffic
--	---------------

Pickup 10/19 08:10

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	10/14 checked 08:20 + 15:20 10/17 08:30 09:30 15:00 10/18 9:55 site underground, Road also serves as stormwater channel
----------	---

14:35-15:05 (Find path counter)
water gone photos 24-29

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Unpaved Road 8

Traffic Counter Location Nevada State Plane	<i>267-09-713^N</i>	<i>007-35-246</i>	E
--	-------------------------------	-------------------	----------

Start Date: <i>10/14/05</i>	Start Time: <i>1425</i>	Stop Date:	Stop Time:
-----------------------------	-------------------------	------------	------------

Traffic Count Data Collection Team	<i>V & F</i>	Traffic Counter Identification No.	<i>Jamar 05</i>
---------------------------------------	------------------	---------------------------------------	-----------------

Start - 007-35-219 E 267-10-272 N

Road Width, ft. <i>45</i>		Road Length, miles (measured by odometer)	
------------------------------	--	--	--

Road Endpoint Coordinates	<i>007-35-211 E</i>	<i>007-35-238 E</i>
	<i>267-08-518 N</i>	<i>267-10-298 N</i>

Vegetation Surrounding Road (type, coverage)	<i>creosote, bursage, yucca, arceuthobium, grasses</i>
---	--

Land Identification and Land Use	<i>Flowing</i>
-------------------------------------	----------------

Road Function (e.g., recreational, <u>construction</u>)	<i>Flowing, Construction Trucks & equip</i>
---	---

Pickup 10/19 08:25

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	<i>10/16 checked 8:15 & 15:15</i> <i>10/17 09:40</i> <i>15:10</i> <i>10/18 10:05</i>
----------	---

15:10 photos 36-41

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 9 West Serene Ave Both Counters

Traffic Counter Location Nevada State Plane	267-08-511 N	007-34-779 E
--	--------------	--------------

Start Date:	Start Time:	Stop Date:	Stop Time:
-------------	-------------	------------	------------

Traffic Count Data Collection Team	V & F	Traffic Counter Identification No.	EQ 03 Jamar 04
---------------------------------------	-------	---------------------------------------	-------------------

Road Width, ft.	30	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-35-211 E 267-08-518 N	007-34-333 E 267-08-521 N	
Vegetation Surrounding Road (type, coverage)	Yuccas, creosote		

Land Identification and Land Use	sparse residential
-------------------------------------	--------------------

Road Function (e.g., recreational, construction)	Resident access
---	-----------------

Pickup ^{10/19} 08:15

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	10/16 checked 08:30 & 15:30 10/17 09:40 15:05 10/18 10:01 high & wet EQD3 in saturated ground Photos 30-35
----------	--

Figure 1. Traffic Count Data Form
10/18 15:10

TRAFFIC COUNT DATA FORM

Segment 10

Jamar 07

Traffic Counter Location Nevada State Plane	267-07-482 N	007-66-693	E
--	--------------	------------	---

Start Date:	Start Time:	Stop Date:	Stop Time:
-------------	-------------	------------	------------

Traffic Count Data Collection Team	F7V	Traffic Counter Identification No.	Jamar 07
---------------------------------------	-----	---------------------------------------	----------

007-67-128 E 267-07-474 N

Road Width, ft.	30 ft	Road Length, miles (measured by odometer)	
-----------------	-------	--	--

Road Endpoint Coordinates	007-65-950 E	267-07-456 N
---------------------------	--------------	--------------

Vegetation Surrounding Road (type, coverage)	Disturbed stable - creosote, Russian thistle - sparse
---	--

Land Identification and Land Use	Residential
-------------------------------------	-------------

Road Function (e.g., recreational, construction)	Access to houses
---	------------------

Pickup 10/19 09:00

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	10/16 checked 8:55 + 15:55
	10/17 10:30 15:30
	10/18 10:25 15:38

10/17 Photos - 47-51 10/19 photos 17-20

Figure 1. Traffic Count Data Form

~~10/19 photos 15-16 Kather~~

TRAFFIC COUNT DATA FORM

Site 11

Jamar 08

Traffic Counter Location Nevada State Plane	266-96-142 ^N	007-82-981 ^E
---	-------------------------	-------------------------

Start Date:	Start Time:	Stop Date:	Stop Time:
--------------------	--------------------	-------------------	-------------------

Traffic Count Data Collection Team		Traffic Counter Identification No.	Jamar 08
---	--	---	----------

007-82-918 E 266-94-764 N

Road Width, ft.	50 ft	Road Length, miles (measured by odometer)	
------------------------	-------	--	--

Road Endpoint Coordinates	007-82-927 E	266-97-112 N
----------------------------------	--------------	--------------

Vegetation Surrounding Road (type, coverage)	creosote, bursage, acacia, Russian Thistle - Native Desert medium cover		
---	--	--	--

Land Identification and Land Use	Future Residential
---	--------------------

Road Function (e.g., recreational, construction)	Pass Through for local traffic
---	--------------------------------

Pickup 10/19 09:40

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/16 09:10 & 16:10 10/17 10:50 & 15:55 10/18 10:55 15:55		
-----------------	--	--	--

10/17 Photos 52-57

Figure 1. Traffic Count Data Form

10/19 Photos 21-24

TRAFFIC COUNT DATA FORM

Segment 13

Traffic Counter Location Nevada State Plane	<i>267-14-825</i> ^N	<i>007-71-468</i> ^E
---	--------------------------------	--------------------------------

Start Date:	Start Time:	Stop Date:	Stop Time:
--------------------	--------------------	-------------------	-------------------

Traffic Count Data Collection Team		Traffic Counter Identification No.	<i>Tamar 06</i>
---	--	---	-----------------

<i>Start</i>	<i>007-71-103 E</i>	<i>267-14-800 N</i>
--------------	---------------------	---------------------

Road Width, ft.	<i>27 ft</i>	Road Length, miles (measured by odometer)	
------------------------	--------------	--	--

Road Endpoint Coordinates	<i>007-72-945 E</i>	<i>267-14-838 N</i>
----------------------------------	---------------------	---------------------

Vegetation Surrounding Road (type, coverage)	<i>Native desert - medium cover - creosote</i>
---	--

Land Identification and Land Use	<i>Native Desert, Residential</i>
---	-----------------------------------

Road Function (e.g., recreational, construction)	<i>connecting between two paved streets</i>
---	---

Pickup 10/19 08:50

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	<i>10/16 - checked 8:45 + 15:45 10/17 10:15 15:20 10/18 10:20 15:30</i>
-----------------	---

Photos 42-46

Figure 1. Traffic Count Data Form

10/19 Photos 15 & 16 Folder 6

TRAFFIC COUNT DATA FORM

Site 14

Traffic Counter Location Nevada State Plane	N	E
	<i>067-62-769</i>	<i>008-23-797</i>

Start Date: <i>10/26</i>	Start Time: <i>12:45</i>	Stop Date: <i>10/30/05</i>	Stop Time: <i>11:16</i>
---------------------------------	---------------------------------	-----------------------------------	--------------------------------

Traffic Count Data Collection Team	<i>R. Hansen S. Kemmer</i>	Traffic Counter Identification No.	<i>5-8 + 23</i>
---	--------------------------------	---	----------------------------

Road Width, ft.	<i>45'</i>	Road Length, miles (measured by odometer)	
------------------------	------------	--	--

Road Endpoint Coordinates	<i>008-23-367 E 267-62-777 N</i>	<i>008-24-023 E 267-62-780 N</i>
----------------------------------	--------------------------------------	--------------------------------------

Vegetation Surrounding Road (type, coverage)	<i>Prickly Pear burr sage, Russian Thistle, Creosote</i>
---	--

Land Identification and Land Use	<i>saw car, construction vehicles, pickup truck residential</i>
---	---

Road Function (e.g., recreational, construction)	<i>residential</i>
---	--------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	<i>10/27/05 10:50 tube removed by grader. no-ran tube across street</i>		
	<i>10/27/05 3:53</i>	<i>10/28 11:14</i>	<i>10/29 10:46</i>
		<i>10/28 3:09</i>	<i>10/29 2:35</i>

Camera: 41-45 Disposable (2) 9-12

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 15

Traffic Counter Location Nevada State Plane	267-77-333 ^N	008-03-317 ^E
---	-------------------------	-------------------------

Start Date: 10/26/05	Start Time: 12:15	Stop Date: 10/30/05	Stop Time: 10:58
-----------------------------	--------------------------	----------------------------	-------------------------

Traffic Count Data Collection Team	V. Hansen S. Kemmer	Traffic Counter Identification No.	57- EQ3
---	------------------------	---	---------

Road Width, ft.	27'	Road Length, miles (measured by odometer)	5.91 E
------------------------	-----	--	--------

Road Endpoint Coordinates	008-03-259 E 267-77-310 N	008-03-541 E 267-77-308 N
----------------------------------	------------------------------	------------------------------

Vegetation Surrounding Road (type, coverage)	burn sage, grass, Russian Thistle
---	-----------------------------------

Land Identification and Land Use	Saw Box Tractor, car, suburban residential
---	--

Road Function (e.g., recreational, construction)	residential
---	-------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/27/05 10:33	10/28/05 10:56	10/29 10:31
	10/27/05 3:36	10/28/05 2:53	10/29 2:20

Camera 31-35

disposable @ 4-8

Figure 1. Traffic Count Data Form



TRAFFIC COUNT DATA FORM

Site 17

Traffic Counter Location Nevada State Plane	N 068-19-881	E 007-66-953
---	-----------------	-----------------

Start Date: 10/26/05	Start Time: 11:20	Stop Date: 10/30/05	Stop Time: 10:10
-----------------------------	--------------------------	----------------------------	-------------------------

Traffic Count Data Collection Team	V. Hansen S. Kemmer	Traffic Counter Identification No.	EQ 2
---	------------------------	---	------

Road Width, ft.	23'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-66-970 E 268-19-773 N	007-66-978 E 268-18-653 N	
Vegetation Surrounding Road (type, coverage)	Russian Thistle		

Land Identification and Land Use	road car, pickup truck (3) ATV recreational/utility (water & elec)
---	---

Road Function (e.g., recreational, construction)	recreational/utility (water & elec)
---	-------------------------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/27 9:30 10/27 2:54	10/28 10:00 10/28 2:13	tracks meet 10/28 passing EQ 2 10/29 9:49 10/29 1:45
-----------------	--------------------------	---------------------------	---

Camera 26-30 disposable @ 1-3

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 18

Traffic Counter Location Nevada State Plane	N 268-24-290	E 007-66-923
---	-----------------	-----------------

Start Date: 10/25/05	Start Time: 3:15	Stop Date: 10/30/05	Stop Time: 10:04
-----------------------------	-------------------------	----------------------------	-------------------------

Traffic Count Data Collection Team	V. Hansen S. Kemmer	Traffic Counter Identification No.	J-6
---	------------------------	---	-----

Road Width, ft.	37'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-66-894 E 268-23-915 N		
Vegetation Surrounding Road (type, coverage)	Bursage creosote, Russian thistle, yucca.		

Land Identification and Land Use	Saw truck/SUV (2), vending truck, pick-up truck, SUV Recreational pick-up truck
---	---

Road Function (e.g., recreational, construction)	Recreational
---	--------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/26 11:13	10/28 9:54	10/29 9:36
	10/27 9:23	10/28 2:09	10/29 1:39
	10/27 2:48		

camera 22-25 Disposable 23-27

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 19 0

Traffic Counter Location Nevada State Plane	N 268-19-963	E 607-63-992
---	-----------------	-----------------

Start Date: 10/25/05	Start Time: 3:00	Stop Date: 10/30/05	Stop Time: 9:52
-----------------------------	-------------------------	----------------------------	------------------------

Traffic Count Data Collection Team	V. Hansen S. Kemmer	Traffic Counter Identification No.	J-5
---	------------------------	---	-----

Road Width, ft.	42.0'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-64-350 E 268-19-932 N	007-63-741 E 268-19-916 N	
Vegetation Surrounding Road (type, coverage)	this site russian sage, creosote, bursage		

Land Identification and Land Use	Saw SUV residential/construction
---	-------------------------------------

Road Function (e.g., recreational, construction)	residential/construction
---	--------------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/26 11:05 10/27 9:16 10/27 2:33	10/28 9:44 10/28 2:01	10/29 9:44 10/29 1:29
-----------------	---	--------------------------	--------------------------

Camera 19-21 Disposable 19-22

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 20

Traffic Counter Location Nevada State Plane	N 068-18-025	E 007-59-875
---	-----------------	-----------------

Start Date: 10/26/05	Start Time: 10:50	Stop Date: 10/30/05	Stop Time: 9:42
-----------------------------	--------------------------	----------------------------	------------------------

Traffic Count Data Collection Team	V. Hansen S. Kemmer	Traffic Counter Identification No.	EQ1
---	------------------------	---	-----

Road Width, ft.	23'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-59-862 E 268-18-551 N	007-59-878 E 268-17-896 N	
Vegetation Surrounding Road (type, coverage)	Russian Thistle, creosote, sage brush		

Land Identification and Land Use	SAW a Range Rover & Ford Excursion residential/Ranch
---	---

Road Function (e.g., recreational, construction)	residential/Ranch
---	-------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/27 9:10 10/27 2:24	10/28 9:36 10/28 1:57	10/29 9:28 10/29 1:22
-----------------	--------------------------	--------------------------	--------------------------

Camera 37-40 Disposable 11-14

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 21 Iron Mountain Rd Between Jones Mustang

Traffic Counter Location Nevada State Plane	268-18-503	N	007-61-317	E
--	------------	---	------------	---

Start Date: 10/25/05	Start Time: 2:50	Stop Date: 10/30/05	Stop Time: 9:47
----------------------	------------------	---------------------	-----------------

Traffic Count Data Collection Team	V. HANSEN S. KEMNER	Traffic Counter Identification No.	J-4
------------------------------------	------------------------	------------------------------------	-----

Road Width, ft.	36.0	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-60-531 E 268-18-509 N	007-61-789 E 268-18-455 N	
Vegetation Surrounding Road (type, coverage)	bussage Yucca, creosote, russian thistle		

Land Identification and Land Use	residential
----------------------------------	-------------

Road Function (e.g., recreational, construction)	residential
--	-------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	10/26 11:00	10/28 9:39	10/29 9:32
	10/27 9:12	10/28 1:58	10/29 1:25
	10/27 2:30		

camera 14-18 Disposable 15-18

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 22

Traffic Counter Location Nevada State Plane	N 268-15-808	E 007-58-836
---	-----------------	-----------------

Start Date: 10-25-05	Start Time: 2:35	Stop Date: 10/30/05	Stop Time: 9:38
-----------------------------	-------------------------	----------------------------	------------------------

Traffic Count Data Collection Team	Traffic Counter Identification No.
	53

Road Width, ft.	36'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-58-017 E 268-15-774 N	007-59-290 E 268-15-762 N	
Vegetation Surrounding Road (type, coverage)	Russian thistle, acacia, acacia , creosote		

Land Identification and Land Use	saw pick-up truck residential & farm/horse ranch
---	---

Road Function (e.g., recreational, construction)	saw mail truck residential/ranch
---	-------------------------------------

Vehicle Count (for total survey period)	ADT (for each survey date)

Comments	10/26 10:45	10/28 9:32	10/29 9:26
	10/27 9:06	10/28 1:55	10/29 1:19
	10/29 2:22		

Camera 9-13 Disposable Camera 8-10

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 23

Traffic Counter Location Nevada State Plane	N	E
	268-10-628	007-56-029

Start Date: 10/25/05	Start Time: 1:15	Stop Date: 10/30/05	Stop Time: 9:26
-----------------------------	-------------------------	----------------------------	------------------------

Traffic Count Data Collection Team	V. HANSEN S. KEMNER	Traffic Counter Identification No.	J2
---	------------------------	---	----

Road Width, ft.	24'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-56-009 E 268-10-343 N	007-56-016 E 268-10-937 N	
Vegetation Surrounding Road (type, coverage)	acacia, bursera, pine, grasses 20%		

Land Identification and Land Use	residential / ranch
---	---------------------

Road Function (e.g., recreational, construction)	residential
---	-------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/26 10:40	10/28 9:25	10/29 9:21
	10/27 9:00	10/28 1:49	10/29 1:09
	10/29 2:13		

Camera 4-8 Disposable Camera 5-7

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 24

Traffic Counter Location Nevada State Plane	N 268-04-414	E 007-55-280
---	-----------------	-----------------

Start Date: 10-25-05 10:28-05	Start Time: 1:50	Stop Date: 10/30/05	Stop Time: 9:18
---	-------------------------	----------------------------	------------------------

Traffic Count Data Collection Team	V. HANSEN S. KEMNER	Traffic Counter Identification No.	J1
---	------------------------	---	----

Road Width, ft.	24'	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-55-303E 268-03-788N	007-55-310E 268-04-978N	
Vegetation Surrounding Road (type, coverage)	creosote, acacia, pine trees 100% Grasses, bursage, sage brush,		

Land Identification and Land Use	saw pick-up truck, SUV residential & ranch
---	---

Road Function (e.g., recreational, construction)	saw a tractor & pick-up truck residential
---	--

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-----------------------------------	--

Comments	10/26 1035	10/28 9:18	10/29 9:16
	10/27 8:50	10/28 1:42	10/29 1:04
	10/27 2:07		

Camera 1-3

instant camera 1-4
(disposable)

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 25

Traffic Counter Location Nevada State Plane	268-00-958 N	007-54-413	E
--	--------------	------------	---

Start Date: 10/19	Start Time: 13:50	Stop Date: 10/24/05	Stop Time: 10:50
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	F+V	Traffic Counter Identification No.	Jamar 03
---------------------------------------	-----	---------------------------------------	----------

Road Width, ft.	varies 22 ft +	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-54-435 E 268-00-114 N	007-54-425 E 268-01-316 N	
Vegetation Surrounding Road (type, coverage)	Creosote, Russian thistle		

Land Identification and Land Use	Future & Present Residential
-------------------------------------	------------------------------

Road Function (e.g., recreational, construction)	Residential Access
---	--------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Setup 10/19 13:45	10/23 1510
	Checked 10/20 09:30 09:30 / 14:17	10/24 1550 sh!!
	10/21 08:55 / 17:05	
	10/22 11:05 / 16:55	

Photos 11-14

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 26

Traffic Counter Location Nevada State Plane	268-00-172 N	007-54-854 E
--	--------------	--------------

Start Date: 10/19	Start Time: 13:20	Stop Date: 10/24/05	Stop Time: 10:45
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	F & V	Traffic Counter Identification No.	JR MAR 02
------------------------------------	-------	------------------------------------	-----------

Road Width, ft.	40 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-54-867 E 268-00-758 N	007-54-854 E 268-00-114 N	
Vegetation Surrounding Road (type, coverage)	Residential lawn Russian Thistle		

Land Identification and Land Use	Residential
----------------------------------	-------------

Road Function (e.g., recreational, construction)	Residential Access Some housing construction
--	---

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	Setup 10/19 ~ 13:20	10/23 1505
	Checked 10/20 09:30 / 14:45	10/24 1045 - ok!!
	10/21 08:55 / 17:00	
	10/22 1100 / 1550	

Figure 1. Traffic Count Data Form

Photos 6-10

TRAFFIC COUNT DATA FORM

Site 28

Traffic Counter Location Nevada State Plane	267-98-974 N	007-61-354	E
--	--------------	------------	---

Start Date: 10/19	Start Time: 13:00	Stop Date: 10/24/05	Stop Time: 10:30
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	F & V	Traffic Counter Identification No.	Jamar 01
---------------------------------------	-------	---------------------------------------	----------

Road Width, ft.	24 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	267-98-988 N 007-61-078 E 267-98-988 N	007-61-572 E 267-98-922 N	
Vegetation Surrounding Road (type, coverage)	Residential, Russian Thistle, Grasses		

Land Identification and Land Use	Residential
-------------------------------------	-------------

Road Function (e.g., recreational, construction)	Residential Access
---	--------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Set out 10/19 13:00	10/23 1500
checked	10/20 09:25 / 14:10	10/24 1030
	10/21 08:50 / 16:50	
	10/22 1055 / 1545	OK

Photos 1-5

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 31

Traffic Counter Location Nevada State Plane	268-13-149 N	007-39-244	E
--	--------------	------------	---

Start Date: 10/19	Start Time: 15:10	Stop Date: 10/24/05	Stop Time: 11:40
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	F & V	Traffic Counter Identification No.	Jamar Ob
------------------------------------	-------	------------------------------------	----------

Road Width, ft.	45 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-39- 257 257 E 268-12-774 N	007-39-248 E 268-13-420 N	
Vegetation Surrounding Road (type, coverage)	Russian Thistle - Light Vegetation		

Land Identification and Land Use	Vacant - Future residential
----------------------------------	-----------------------------

Road Function (e.g., recreational, construction)	Connection between 2 Paved Roads Short cut
--	---

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	Setup 10/19 15:10	15/10 15:10		
	Checked 10/20 10:05 / 15:15	10/22 1140 / 11620		
	10/21 09:30 / 1735	10/23 1540		
		10/24 1140		

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 32

Traffic Counter Location Nevada State Plane	268-02-158 N	007-45-025	E
--	--------------	------------	---

Start Date: 10/19	Start Time: 14:00 19:00	Stop Date: 10/24/05	Stop Time: 11:05
-------------------	----------------------------	---------------------	------------------

Traffic Count Data Collection Team	F+V	Traffic Counter Identification No.	EQ 01 Jamar 04
------------------------------------	-----	------------------------------------	-------------------

Road Width, ft.	~ 22 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-45-824 E 268-02-143 N	007-44-765 E 268-02-118 N	
Vegetation Surrounding Road (type, coverage)	Russian Thistle, Creosote Car dealership to North		

Land Identification and Land Use	Car dealership to North
----------------------------------	-------------------------

Road Function (e.g., recreational, construction)	Access to paved road (shortcut) Alley to dealership
--	--

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	Setup 14:00	10/23 1515
Checked 10/20	09:40 14:45	10/24 1105 ok
	10/21 09:10 17:10	
	10/22 1120 / 1600	

Photos 15-23

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 33

Traffic Counter Location Nevada State Plane	268-00-210 N	007-45-424	E
--	--------------	------------	---

Start Date: 10/19	Start Time: 14:30	Stop Date: 10/24/05	Stop Time: 11:20
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	V & F	Traffic Counter Identification No.	Jamar 05
---------------------------------------	-------	---------------------------------------	----------

Road Width, ft.	40 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-45-608 E 268-00-189 N	007-45-256 E 268-00-178 N	
Vegetation Surrounding Road (type, coverage)	Sparse - Cleared area		

Land Identification and Land Use	Residential on South Side
-------------------------------------	---------------------------

Road Function (e.g., recreational, construction)	Connection between 2 paved roads
---	----------------------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Setup 10/19 14:25	10/22 1125/1605
	checked 10/20 09:45/14:35	10/23 1520
	10/21 09:15/17:20	10/24 1120

Photos 24-28

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 34

Traffic Counter Location Nevada State Plane	267-99-463 N	007-42-359	E
--	--------------	------------	---

Start Date: 10/19	Start Time: 19:00 14:35	Stop Date: 10/24/05	Stop Time: 11:20
-------------------	---------------------------------------	---------------------	------------------

Traffic Count Data Collection Team	F & V	Traffic Counter Identification No.	EQ02
---------------------------------------	-------	---------------------------------------	------

Road Width, ft.	24 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-42-794 E 267-99-459 N	007-42-149 E 267-99-454 N	
Vegetation Surrounding Road (type, coverage)	Creosote, Russian Thistle, Mormon Tea		

Land Identification and Land Use	Vacant land, Future residential
-------------------------------------	---------------------------------

Road Function (e.g., recreational, construction)	Shortcut between 2 paved roads
---	--------------------------------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Setup 10/19 14:35	10/22 1130/1610
	Checked 10/20 09:50 / 15100	10/23 1520
	10/21 09:20 / 1725	10/24 1120

Photos 28-32

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 36 Azure Between Dapple Grey & Fort Apache

Traffic Counter Location Nevada State Plane	268-01-429 N ^N	007-40-693	E
--	---------------------------	------------	---

Start Date: 10/19	Start Time: 16:10	Stop Date: 10/24/05	Stop Time: 11:30
-------------------	-------------------	---------------------	------------------

"Re-do"
Instal
Attempt

Traffic Count Data Collection Team	F & V	Traffic Counter Identification No.	EQ01 & JAMAR 1 EQ05 204
---------------------------------------	-------	---------------------------------------	---------------------------------------

Road Width, ft.	~ 22 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-40-571 E, 268-01-417 N	007-40-878 E 268-01-426 N	
Vegetation Surrounding Road (type, coverage)	Russian thistle, Yucca, Creosote		

Land Identification and Land Use	Future Residential
-------------------------------------	--------------------

Road Function (e.g., recreational, construction)	Shortcut
---	----------

Initial Count not valid (counter battery loose and no readings)

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Setup 10/19 15:30	10/22 1135/1610
	Checked 10/20 09:55/15:05	10/23 1525
	10/21 09:25/1730	10/24 1130

PHOTOS 37-39
Figure 1. Traffic Count Data Form

	JAMAR 01	EQ01
11/3	93	86
11/4	78	76
11/5	52	58

TRAFFIC COUNT DATA FORM

Site 37 Log Cabin Way West of Nicholson

Traffic Counter Location Nevada State Plane	268-21-401	N	007-22-202 E	E
--	------------	---	--------------	---

Start Date: 10/19	Start Time: 16:10	Stop Date: 10/24/05	Stop Time: 11:55
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	F & V	Traffic Counter Identification No.	Jamar 07
---------------------------------------	-------	---------------------------------------	----------

Road Width, ft.	30	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-22-802 E 268-21-429 N	007-21-867 E 268-21-415 N	
Vegetation Surrounding Road (type, coverage)	Creosote, Russian Thistle Native Desert		

Land Identification and Land Use	Future residential, a few houses here
-------------------------------------	---------------------------------------

Road Function (e.g., recreational, construction)	Resident
---	----------

Vehicle Count (for total survey period)		ADT (for each survey date)	
--	--	-------------------------------	--

Comments	Setup	10/19	16:10	10/22	11:55 / 16:00
	Checked	10/20	10:35 / 15:30	10/23	15:30
		10/21	09:40 / 17:45	10/24	11:55

Photos 40-44

Figure 1. Traffic Count Data Form

TRAFFIC COUNT DATA FORM

Site 38 Trails End

Traffic Counter Location Nevada State Plane	268-23-671 N	007-31-917 E	E
--	--------------	--------------	---

Start Date: 10/19	Start Time: 16:25	Stop Date: 10/24/05	Stop Time: 12:00
-------------------	-------------------	---------------------	------------------

Traffic Count Data Collection Team	V & F	Traffic Counter Identification No.	Jamar 02
------------------------------------	-------	------------------------------------	----------

Road Width, ft.	36 ft	Road Length, miles (measured by odometer)	
Road Endpoint Coordinates	007-31-246 E 268-23-682 N	007-33-260 E 268-24-104 N	
Vegetation Surrounding Road (type, coverage)	Creosote Russian Thistle, & Yucca Native Desert		

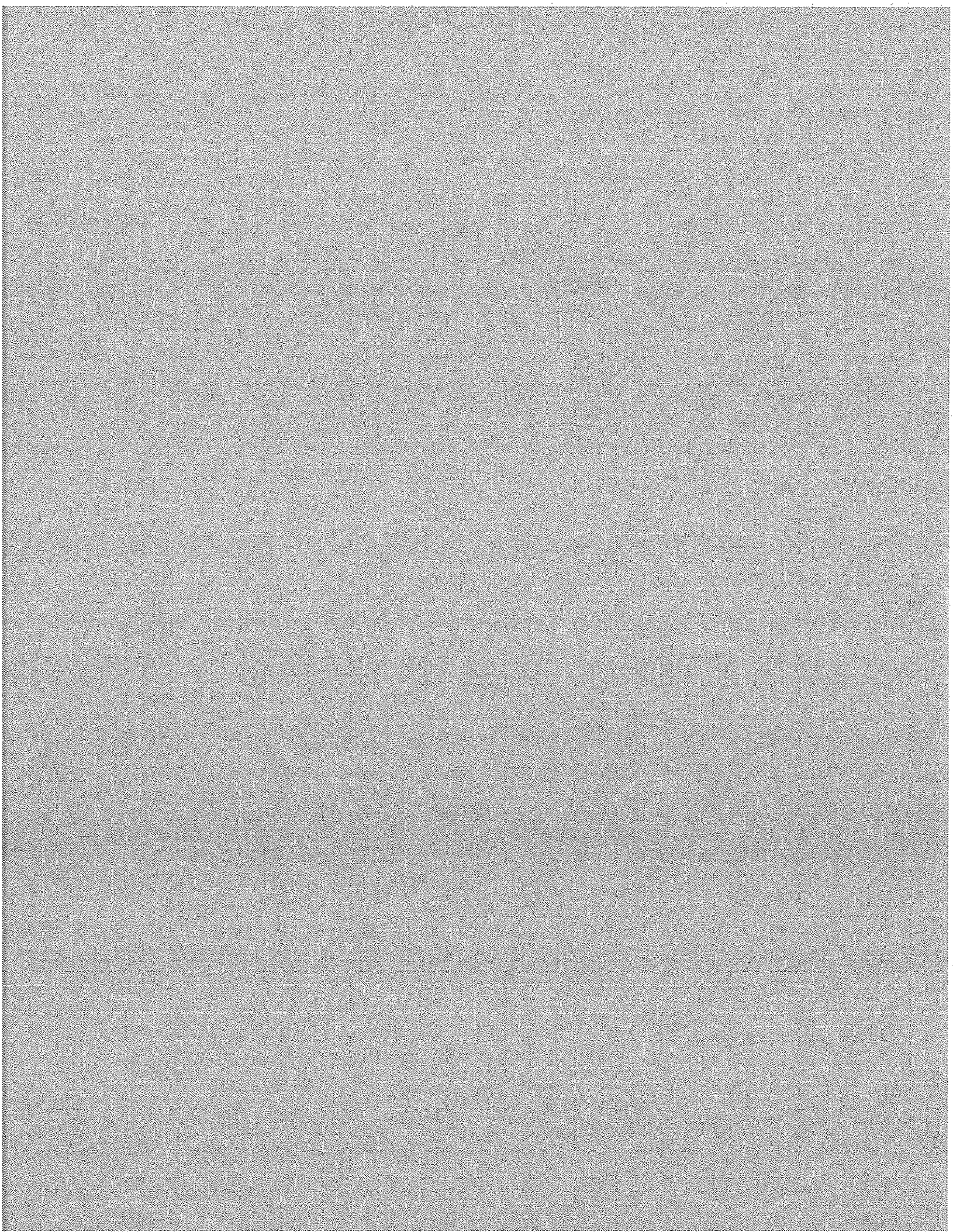
Land Identification and Land Use	Native Desert, Potential residential
----------------------------------	--------------------------------------

Road Function (e.g., recreational, construction)	Access to Power Substation + To Residential beyond substation
--	---

Vehicle Count (for total survey period)		ADT (for each survey date)	
---	--	----------------------------	--

Comments	Setup 10/19 16:25	10/22 1200 / 1640
	Checked 10/20 10:40 / 15:40	10/23 1555
	10/21 09:45 / 1750	10/24 1200

Figure 1. Traffic Count Data Form



SITE 1 OCT 16-18 TRAFX EQ01

TRAFX Dock G2 V1.0g S/N41221 (c)2004
 Factory:767:RC1:RM1:232&IR:CTS0:B115200:W":Z4

*Serial Number :0509BF
 *Counter name :EQ 1
 *Mode :Vehicle (VEH-4d)
 *Batt. voltage :4.7
 *Stored records :00871

Date/Time	Count	Notes
10/15/2005 9:23:11	1	PreDay
10/15/2005 10:00:59	2	
10/15/2005 10:10:54	3	
10/15/2005 14:38:09	4	
10/15/2005 15:02:39	5	
10/15/2005 15:06:47	6	
10/15/2005 16:04:19	7	
10/15/2005 16:22:46	8	
10/16/2005 12:22:20	1	Count Start
10/16/2005 12:46:46	2	
10/16/2005 14:42:53	3	
10/16/2005 14:43:05	4	
10/16/2005 17:59:38	5	
10/16/2005 18:02:15	6	
10/16/2005 21:28:26	7	7
10/17/2005 6:49:04	1	
10/17/2005 8:41:07	2	
10/17/2005 8:43:43	3	
10/17/2005 8:46:25	4	
10/17/2005 9:09:43	5	
10/17/2005 10:05:20	6	
10/17/2005 10:31:42	7	
10/17/2005 10:52:44	8	
10/17/2005 11:30:33	9	
10/17/2005 11:46:02	10	
10/17/2005 12:17:44	11	
10/17/2005 14:25:41	12	
10/17/2005 16:35:28	13	
10/17/2005 17:19:28	14	
10/17/2005 18:03:36	15	15
10/18/2005 5:30:04	1	
10/18/2005 6:42:58	2	
10/18/2005 6:46:27	3	
10/18/2005 6:54:51	4	
10/18/2005 8:02:34	5	
10/18/2005 8:37:33	6	
10/18/2005 10:26:56	7	
10/18/2005 11:35:24	8	
10/18/2005 11:59:34	9	
10/18/2005 12:13:50	10	
10/18/2005 12:19:48	11	
10/18/2005 14:08:02	12	
10/18/2005 14:08:13	13	
10/18/2005 15:05:20	14	
10/18/2005 15:09:33	15	
10/18/2005 15:59:03	16	
10/18/2005 16:22:32	17	
10/18/2005 16:25:14	18	
10/18/2005 16:25:45	19	
10/18/2005 16:45:30	20	
10/18/2005 17:57:22	21	
10/18/2005 18:00:19	22	
10/18/2005 18:09:35	23	
10/18/2005 18:20:27	24	24

END OF DATA
 -close data file
 -then check it

N_ame S_elect V_iew
 D_ownload E_rase L_aunch!
 ++ ENTER COMMAND ++>>

SITE 2 OCT 16-18 JAMAR 1

Sensor	Date	Time	Count	
1	10/15/2005	1:01:47 AM	1	Preday
1	10/15/2005	6:06:30 AM	2	
1	10/15/2005	9:31:44 AM	3	
1	10/15/2005	10:53:49 AM	4	
1	10/16/2005	2:48:57 PM	1	
1	10/16/2005	2:49:19 PM	2	
1	10/16/2005	2:49:27 PM	3	
1	10/16/2005	2:52:29 PM	4	
1	10/16/2005	2:52:30 PM		
1	10/16/2005	3:19:10 PM	5	
1	10/16/2005	3:19:11 PM		
1	10/16/2005	5:59:23 PM	6	
1	10/16/2005	5:59:24 PM		
1	10/16/2005	6:03:56 PM	7	
1	10/16/2005	6:36:59 PM	8	
1	10/16/2005	6:36:59 PM		
1	10/16/2005	6:37:01 PM	9	
1	10/16/2005	6:37:01 PM		
1	10/16/2005	6:41:32 PM	10	
1	10/17/2005	5:23:15 AM	1	
1	10/17/2005	5:23:16 AM		
1	10/17/2005	6:23:03 AM	2	
1	10/17/2005	6:23:03 AM		
1	10/17/2005	6:23:03 AM		
1	10/17/2005	6:34:46 AM	3	
1	10/17/2005	6:34:48 AM		
1	10/17/2005	6:34:48 AM		
1	10/17/2005	8:27:53 AM	4	
1	10/17/2005	8:41:55 AM	5	
1	10/17/2005	8:41:56 AM		
1	10/17/2005	8:41:56 AM		
1	10/17/2005	8:49:47 AM	6	
1	10/17/2005	8:50:38 AM	7	
1	10/17/2005	9:02:01 AM	8	
1	10/17/2005	10:26:33 AM	9	
1	10/17/2005	10:26:33 AM		
1	10/17/2005	10:26:34 AM		
1	10/17/2005	11:17:04 AM	10	
1	10/17/2005	11:17:04 AM		
1	10/17/2005	11:17:10 AM	11	
1	10/17/2005	11:17:11 AM		
1	10/17/2005	11:21:33 AM	12	
1	10/17/2005	11:21:34 AM		
1	10/17/2005	11:40:15 AM	13	
1	10/17/2005	11:40:17 AM		
1	10/17/2005	11:40:18 AM		
1	10/17/2005	11:40:18 AM		
1	10/17/2005	11:50:11 AM	14	
1	10/17/2005	11:50:12 AM		
1	10/17/2005	11:50:13 AM		
1	10/17/2005	2:21:36 PM	15	
1	10/17/2005	2:21:36 PM		
1	10/17/2005	2:21:36 PM		
1	10/17/2005	2:27:24 PM	16	
1	10/17/2005	2:27:49 PM	17	
1	10/17/2005	2:27:56 PM	18	
1	10/17/2005	2:28:02 PM	19	
1	10/17/2005	2:37:15 PM	20	
1	10/17/2005	2:37:16 PM		
1	10/17/2005	2:41:50 PM	21	
1	10/17/2005	2:41:51 PM		
1	10/17/2005	4:57:47 PM	22	
1	10/17/2005	4:57:48 PM		
1	10/17/2005	5:00:28 PM	23	
1	10/17/2005	5:14:15 PM	24	
1	10/17/2005	5:14:15 PM		
1	10/17/2005	5:14:16 PM		
1	10/17/2005	5:14:16 PM		
1	10/17/2005	5:35:17 PM	25	
1	10/17/2005	6:17:47 PM	26	
1	10/17/2005	6:17:48 PM		
1	10/17/2005	7:13:29 PM	27	
1	10/17/2005	7:13:29 PM		
1	10/17/2005	7:13:29 PM		
1	10/17/2005	7:13:29 PM		
1	10/17/2005	7:13:30 PM		
1	10/17/2005	7:23:04 PM	28	
1	10/17/2005	7:23:04 PM		
1	10/17/2005	7:23:05 PM		
1	10/17/2005	9:48:26 PM	29	
1	10/17/2005	9:48:26 PM		
1	10/17/2005	9:48:27 PM		
1	10/18/2005	12:02:40 AM	1	
1	10/18/2005	12:02:40 AM		
1	10/18/2005	1:35:28 AM	2	
1	10/18/2005	1:35:28 AM		
1	10/18/2005	1:35:28 AM		
1	10/18/2005	1:36:39 AM	3	
1	10/18/2005	1:36:40 AM		
1	10/18/2005	1:41:49 AM	4	
1	10/18/2005	1:41:50 AM		
1	10/18/2005	6:55:07 AM	5	
1	10/18/2005	7:24:01 AM	6	
1	10/18/2005	7:24:01 AM		
1	10/18/2005	7:24:02 AM		
1	10/18/2005	9:05:25 AM	7	
1	10/18/2005	9:05:25 AM		

SITE 2 OCT 16-18 JAMAR 1

1	10/18/2005	9:06:04 AM	8
1	10/18/2005	9:06:19 AM	9
1	10/18/2005	9:06:19 AM	
1	10/18/2005	9:06:21 AM	10
1	10/18/2005	10:08:20 AM	11
1	10/18/2005	10:08:20 AM	
1	10/18/2005	11:10:13 AM	12
1	10/18/2005	12:08:05 PM	13
1	10/18/2005	1:34:05 PM	14
1	10/18/2005	1:34:05 PM	
1	10/18/2005	1:34:06 PM	
1	10/18/2005	1:34:06 PM	
1	10/18/2005	2:09:34 PM	15
1	10/18/2005	2:09:57 PM	16
1	10/18/2005	2:10:09 PM	17
1	10/18/2005	2:10:09 PM	
1	10/18/2005	2:10:11 PM	
1	10/18/2005	3:17:09 PM	18
1	10/18/2005	3:17:09 PM	
1	10/18/2005	3:17:33 PM	19
1	10/18/2005	3:17:33 PM	
1	10/18/2005	3:17:33 PM	
1	10/18/2005	3:17:33 PM	
1	10/18/2005	3:17:53 PM	20
1	10/18/2005	3:17:53 PM	
1	10/18/2005	3:17:53 PM	
1	10/18/2005	3:17:53 PM	
1	10/18/2005	3:33:14 PM	21
1	10/18/2005	3:33:15 PM	
1	10/18/2005	3:33:18 PM	
1	10/18/2005	4:49:53 PM	22
1	10/18/2005	5:16:54 PM	23
1	10/18/2005	5:16:55 PM	
1	10/18/2005	6:10:44 PM	24
1	10/18/2005	6:10:44 PM	
1	10/18/2005	9:39:43 PM	25
1	10/19/2005	6:31:11 AM	1
1	10/19/2005	6:31:13 AM	
1	10/19/2005	6:31:13 AM	
1	10/19/2005	6:41:06 AM	2
1	10/19/2005	6:41:07 AM	
1	10/19/2005	6:41:07 AM	
1	10/19/2005	7:22:13 AM	3
1	10/19/2005	7:22:14 AM	
1	10/19/2005	7:31:27 AM	4
1	10/19/2005	7:31:27 AM	
1	10/19/2005	7:35:10 AM	7
1	10/19/2005	7:35:19 AM	8
1	10/19/2005	7:35:19 AM	
1	10/19/2005	7:35:21 AM	
1	10/19/2005	8:00:24 AM	9
1	10/19/2005	8:00:24 AM	
1	10/19/2005	8:00:24 AM	
1	10/19/2005	10:24:07 AM	10

SITE 3 OCT 16-18 JAMAR 2

Sensor	Date	Time	Count
1	10/15/2005	6:50:46 AM	1 Preday
1	10/15/2005	6:50:47 AM	
1	10/15/2005	7:58:26 AM	2
1	10/15/2005	8:26:07 AM	3
1	10/15/2005	8:26:07 AM	4
1	10/15/2005	9:43:01 AM	
1	10/15/2005	9:43:07 AM	
1	10/15/2005	10:31:35 AM	8
1	10/15/2005	10:31:35 AM	
1	10/15/2005	11:38:32 AM	9
1	10/15/2005	11:38:32 AM	
1	10/15/2005	11:38:37 AM	10
1	10/15/2005	11:38:37 AM	
1	10/15/2005	12:06:15 PM	11
1	10/15/2005	12:06:15 PM	
1	10/15/2005	12:19:19 PM	12
1	10/15/2005	12:46:07 PM	13
1	10/15/2005	12:46:07 PM	
1	10/15/2005	2:46:08 PM	
1	10/15/2005	2:46:09 PM	
1	10/15/2005	2:47:15 PM	14
1	10/15/2005	2:47:15 PM	
1	10/15/2005	2:48:12 PM	15
1	10/15/2005	2:48:12 PM	
1	10/15/2005	2:54:37 PM	16
1	10/15/2005	2:54:38 PM	
1	10/15/2005	2:59:31 PM	17
1	10/15/2005	2:59:31 PM	
1	10/15/2005	3:40:29 PM	18
1	10/15/2005	3:40:30 PM	
1	10/15/2005	4:01:18 PM	19
1	10/15/2005	4:06:16 PM	20
1	10/15/2005	4:06:16 PM	
1	10/15/2005	4:06:37 PM	21
1	10/15/2005	4:42:58 PM	23
1	10/15/2005	10:40:46 PM	24
1	10/15/2005	10:40:46 PM	
1	10/15/2005	10:42:04 PM	25
1	10/15/2005	10:42:05 PM	
1	10/15/2005	10:50:14 PM	26
1	10/15/2005	10:50:15 PM	
1	10/16/2005	12:17:00 AM	1
1	10/16/2005	12:17:00 AM	
1	10/16/2005	12:55:43 AM	2
1	10/16/2005	12:55:43 AM	
1	10/16/2005	5:54:15 AM	3
1	10/16/2005	5:54:16 AM	
1	10/16/2005	5:54:16 AM	
1	10/16/2005	6:51:10 AM	4
1	10/16/2005	6:51:10 AM	
1	10/16/2005	7:03:22 AM	5
1	10/16/2005	7:03:23 AM	
1	10/16/2005	10:09:37 AM	6
1	10/16/2005	10:09:37 AM	
1	10/16/2005	10:14:37 AM	7
1	10/16/2005	10:14:37 AM	
1	10/16/2005	12:01:11 PM	8
1	10/16/2005	12:01:12 PM	
1	10/16/2005	1:22:25 PM	9
1	10/16/2005	1:22:26 PM	
1	10/16/2005	2:05:32 PM	10
1	10/16/2005	2:05:32 PM	
1	10/16/2005	2:08:14 PM	11
1	10/16/2005	2:45:28 PM	12
1	10/16/2005	2:45:28 PM	
1	10/16/2005	2:55:15 PM	13
1	10/16/2005	2:55:16 PM	
1	10/16/2005	2:55:53 PM	14
1	10/16/2005	2:56:43 PM	
1	10/16/2005	3:30:50 PM	17
1	10/16/2005	3:30:50 PM	
1	10/16/2005	5:14:53 PM	18
1	10/16/2005	5:14:53 PM	
1	10/16/2005	7:26:12 PM	19
1	10/16/2005	7:26:12 PM	
1	10/16/2005	7:26:13 PM	
1	10/16/2005	7:27:10 PM	20
1	10/16/2005	10:55:01 PM	21
1	10/16/2005	10:57:42 PM	22
1	10/16/2005	10:57:42 PM	
1	10/17/2005	5:51:30 AM	1
1	10/17/2005	5:51:30 AM	
1	10/17/2005	5:51:30 AM	
1	10/17/2005	5:51:30 AM	
1	10/17/2005	6:04:52 AM	2
1	10/17/2005	6:04:53 AM	
1	10/17/2005	6:08:09 AM	3
1	10/17/2005	6:08:09 AM	
1	10/17/2005	6:08:09 AM	
1	10/17/2005	6:17:52 AM	4
1	10/17/2005	6:17:53 AM	
1	10/17/2005	6:21:14 AM	5
1	10/17/2005	6:21:14 AM	
1	10/17/2005	6:21:14 AM	
1	10/17/2005	6:26:22 AM	6
1	10/17/2005	6:26:22 AM	
1	10/17/2005	6:26:23 AM	
1	10/17/2005	6:28:10 AM	7
1	10/17/2005	6:28:11 AM	
1	10/17/2005	6:28:11 AM	

SITE 3 OCT 16-18 JAMAR 2

1	10/17/2005	7:23:43 AM	8
1	10/17/2005	7:25:34 AM	9
1	10/17/2005	7:25:35 AM	
1	10/17/2005	8:00:08 AM	10
1	10/17/2005	8:14:50 AM	11
1	10/17/2005	8:14:51 AM	
1	10/17/2005	8:20:24 AM	12
1	10/17/2005	8:20:25 AM	
1	10/17/2005	8:20:26 AM	
1	10/17/2005	8:20:26 AM	
1	10/17/2005	8:32:20 AM	13
1	10/17/2005	8:32:20 AM	
1	10/17/2005	9:00:58 AM	
1	10/17/2005	9:00:59 AM	
1	10/17/2005	9:00:59 AM	
1	10/17/2005	9:01:01 AM	
1	10/17/2005	9:01:02 AM	
1	10/17/2005	9:01:02 AM	
1	10/17/2005	9:01:03 AM	
1	10/17/2005	9:04:39 AM	16
1	10/17/2005	9:04:39 AM	
1	10/17/2005	9:04:39 AM	
1	10/17/2005	10:03:49 AM	17
1	10/17/2005	10:03:49 AM	
1	10/17/2005	10:25:03 AM	18
1	10/17/2005	10:25:04 AM	
1	10/17/2005	10:52:54 AM	19
1	10/17/2005	10:52:54 AM	
1	10/17/2005	11:04:28 AM	20
1	10/17/2005	11:04:28 AM	
1	10/17/2005	11:04:29 AM	
1	10/17/2005	11:38:56 AM	21
1	10/17/2005	11:43:54 AM	22
1	10/17/2005	11:48:45 AM	23
1	10/17/2005	11:48:46 AM	
1	10/17/2005	12:30:44 PM	24
1	10/17/2005	12:30:44 PM	
1	10/17/2005	12:48:00 PM	25
1	10/17/2005	12:48:01 PM	
1	10/17/2005	1:29:59 PM	26
1	10/17/2005	1:30:00 PM	
1	10/17/2005	1:37:15 PM	27
1	10/17/2005	1:37:15 PM	
1	10/17/2005	1:44:28 PM	28
1	10/17/2005	1:44:28 PM	
1	10/17/2005	1:55:38 PM	29
1	10/17/2005	1:55:39 PM	
1	10/17/2005	2:05:16 PM	30
1	10/17/2005	2:05:16 PM	
1	10/17/2005	2:07:48 PM	31
1	10/17/2005	2:07:49 PM	
1	10/17/2005	2:30:47 PM	32
1	10/17/2005	2:30:48 PM	
1	10/17/2005	2:32:56 PM	33
1	10/17/2005	2:32:59 PM	
1	10/17/2005	2:33:54 PM	
1	10/17/2005	2:34:07 PM	35
1	10/17/2005	2:34:58 PM	36
1	10/17/2005	2:34:58 PM	
1	10/17/2005	2:44:13 PM	37
1	10/17/2005	2:44:14 PM	
1	10/17/2005	2:51:25 PM	38
1	10/17/2005	2:51:25 PM	
1	10/17/2005	2:51:25 PM	
1	10/17/2005	2:53:18 PM	39
1	10/17/2005	2:53:18 PM	
1	10/17/2005	2:53:29 PM	40
1	10/17/2005	2:53:30 PM	
1	10/17/2005	2:58:40 PM	41
1	10/17/2005	3:26:34 PM	42
1	10/17/2005	3:26:34 PM	
1	10/17/2005	3:31:59 PM	43
1	10/17/2005	3:31:59 PM	
1	10/17/2005	3:58:47 PM	44
1	10/17/2005	3:58:48 PM	
1	10/17/2005	3:58:50 PM	
1	10/17/2005	3:58:50 PM	
1	10/17/2005	4:00:24 PM	45
1	10/17/2005	4:00:25 PM	
1	10/17/2005	4:00:56 PM	46
1	10/17/2005	4:00:56 PM	
1	10/17/2005	4:12:44 PM	47
1	10/17/2005	4:12:44 PM	
1	10/17/2005	4:29:03 PM	48
1	10/17/2005	4:29:03 PM	
1	10/17/2005	4:29:03 PM	
1	10/17/2005	5:01:12 PM	49
1	10/17/2005	5:01:12 PM	
1	10/17/2005	5:46:26 PM	50
1	10/17/2005	5:46:26 PM	
1	10/17/2005	5:51:54 PM	51
1	10/17/2005	6:18:23 PM	52
1	10/17/2005	6:18:23 PM	
1	10/17/2005	6:50:00 PM	53
1	10/17/2005	6:50:00 PM	
1	10/17/2005	7:16:03 PM	54
1	10/17/2005	7:16:03 PM	
1	10/17/2005	9:33:36 PM	55
1	10/17/2005	9:33:37 PM	
1	10/17/2005	9:46:19 PM	56
1	10/17/2005	9:46:19 PM	
1	10/17/2005	10:22:44 PM	57

SITE 3 OCT 16-18 JAMAR 2

1	10/17/2005	10:22:45 PM	
1	10/17/2005	10:29:27 PM	58
1	10/17/2005	10:29:27 PM	
1	10/17/2005	10:46:23 PM	59
1	10/17/2005	10:46:24 PM	
1	10/17/2005	10:56:10 PM	60
1	10/17/2005	10:56:10 PM	
1	10/17/2005	11:23:56 PM	61
1	10/17/2005	11:23:56 PM	
1	10/17/2005	11:23:56 PM	
1	10/17/2005	11:55:38 PM	62
1	10/17/2005	11:55:39 PM	
1	10/18/2005	12:02:14 AM	1
1	10/18/2005	12:02:14 AM	
1	10/18/2005	12:02:14 AM	
1	10/18/2005	12:03:07 AM	2
1	10/18/2005	12:03:07 AM	
1	10/18/2005	12:03:07 AM	
1	10/18/2005	1:35:54 AM	3
1	10/18/2005	1:35:54 AM	
1	10/18/2005	1:35:54 AM	
1	10/18/2005	6:14:27 AM	4
1	10/18/2005	6:15:31 AM	5
1	10/18/2005	6:15:32 AM	
1	10/18/2005	6:15:32 AM	
1	10/18/2005	6:23:18 AM	6
1	10/18/2005	6:50:31 AM	7
1	10/18/2005	6:50:32 AM	
1	10/18/2005	7:10:36 AM	8
1	10/18/2005	7:10:36 AM	
1	10/18/2005	7:11:02 AM	9
1	10/18/2005	7:11:18 AM	10
1	10/18/2005	7:11:18 AM	
1	10/18/2005	7:11:46 AM	11
1	10/18/2005	7:11:47 AM	
1	10/18/2005	8:05:12 AM	12
1	10/18/2005	8:35:21 AM	13
1	10/18/2005	8:35:21 AM	
1	10/18/2005	8:35:22 AM	
1	10/18/2005	8:59:47 AM	14
1	10/18/2005	8:59:47 AM	
1	10/18/2005	8:59:47 AM	
1	10/18/2005	9:15:00 AM	
1	10/18/2005	9:15:05 AM	16
1	10/18/2005	9:15:05 AM	
1	10/18/2005	9:15:22 AM	
1	10/18/2005	9:18:37 AM	18
1	10/18/2005	9:18:38 AM	
1	10/18/2005	9:51:55 AM	19
1	10/18/2005	9:51:55 AM	
1	10/18/2005	9:52:43 AM	20
1	10/18/2005	10:06:34 AM	21
1	10/18/2005	10:06:54 AM	22
1	10/18/2005	10:06:54 AM	
1	10/18/2005	10:06:54 AM	
1	10/18/2005	10:09:00 AM	23
1	10/18/2005	10:09:00 AM	
1	10/18/2005	10:09:01 AM	
1	10/18/2005	10:21:11 AM	24
1	10/18/2005	10:21:11 AM	
1	10/18/2005	10:21:11 AM	
1	10/18/2005	10:44:46 AM	25
1	10/18/2005	10:44:46 AM	
1	10/18/2005	11:45:27 AM	26
1	10/18/2005	11:45:28 AM	
1	10/18/2005	12:14:50 PM	27
1	10/18/2005	1:04:12 PM	28
1	10/18/2005	1:04:13 PM	
1	10/18/2005	1:06:12 PM	29
1	10/18/2005	1:33:51 PM	30
1	10/18/2005	1:33:51 PM	
1	10/18/2005	1:35:04 PM	31
1	10/18/2005	1:35:05 PM	
1	10/18/2005	1:57:21 PM	32
1	10/18/2005	1:57:22 PM	
1	10/18/2005	1:59:58 PM	33
1	10/18/2005	1:59:58 PM	
1	10/18/2005	2:16:33 PM	35
1	10/18/2005	2:16:37 PM	
1	10/18/2005	2:16:40 PM	36
1	10/18/2005	2:16:54 PM	38
1	10/18/2005	2:30:58 PM	39
1	10/18/2005	2:30:59 PM	
1	10/18/2005	2:30:59 PM	
1	10/18/2005	2:46:34 PM	40
1	10/18/2005	2:46:35 PM	
1	10/18/2005	3:04:51 PM	41
1	10/18/2005	3:18:02 PM	42
1	10/18/2005	3:18:02 PM	
1	10/18/2005	3:20:39 PM	43
1	10/18/2005	3:20:39 PM	
1	10/18/2005	3:34:14 PM	44
1	10/18/2005	3:36:03 PM	45
1	10/18/2005	4:22:40 PM	46
1	10/18/2005	4:22:40 PM	
1	10/18/2005	5:27:05 PM	47
1	10/18/2005	5:27:05 PM	
1	10/18/2005	5:33:39 PM	48
1	10/18/2005	5:33:40 PM	
1	10/18/2005	5:47:41 PM	49
1	10/18/2005	5:47:41 PM	

SITE 3 OCT 16-18 JAMAR 2

1	10/18/2005	5:47:42 PM	
1	10/18/2005	5:48:22 PM	50
1	10/18/2005	5:48:22 PM	
1	10/18/2005	5:51:03 PM	51
1	10/18/2005	5:51:03 PM	
1	10/18/2005	6:12:28 PM	52
1	10/18/2005	6:12:28 PM	
1	10/18/2005	6:34:48 PM	53
1	10/18/2005	6:34:48 PM	
1	10/18/2005	9:35:58 PM	54
1	10/18/2005	9:35:59 PM	
1	10/18/2005	9:36:50 PM	55
1	10/18/2005	9:36:51 PM	
1	10/18/2005	10:57:13 PM	56
1	10/18/2005	10:57:13 PM	
1	10/19/2005	3:40:33 AM	1
1	10/19/2005	3:40:33 AM	
1	10/19/2005	5:51:18 AM	2
1	10/19/2005	5:51:18 AM	
1	10/19/2005	5:51:19 AM	
1	10/19/2005	5:51:19 AM	
1	10/19/2005	5:52:23 AM	3
1	10/19/2005	5:54:54 AM	4
1	10/19/2005	5:54:54 AM	
1	10/19/2005	5:54:55 AM	
1	10/19/2005	6:22:58 AM	5
1	10/19/2005	6:22:58 AM	
1	10/19/2005	6:51:07 AM	6
1	10/19/2005	6:51:08 AM	
1	10/19/2005	6:58:51 AM	7
1	10/19/2005	6:58:51 AM	
1	10/19/2005	6:58:52 AM	
1	10/19/2005	7:17:24 AM	8
1	10/19/2005	7:17:24 AM	
1	10/19/2005	7:31:42 AM	9
1	10/19/2005	7:31:43 AM	
1	10/19/2005	7:41:21 AM	10
1	10/19/2005	7:41:22 AM	
1	10/19/2005	7:42:47 AM	11
1	10/19/2005	7:42:52 AM	
1	10/19/2005	7:42:52 AM	

SITE 5&6 OCT 16-18 JAMAR 3 (Same road segment)

Sensor	Date	Time	Count
1	10/15/2005	2:39:06 AM	1 Preday
1	10/15/2005	2:39:06 AM	
1	10/15/2005	2:41:07 AM	2
1	10/15/2005	2:41:07 AM	
1	10/15/2005	6:25:16 AM	3
1	10/15/2005	6:25:16 AM	
1	10/15/2005	7:09:45 AM	4
1	10/15/2005	7:09:45 AM	
1	10/15/2005	7:09:45 AM	
1	10/15/2005	8:32:53 AM	5
1	10/15/2005	8:32:54 AM	
1	10/15/2005	9:29:23 AM	6
1	10/15/2005	9:29:23 AM	
1	10/15/2005	10:06:35 AM	7
1	10/15/2005	10:06:36 AM	
1	10/15/2005	10:07:18 AM	8
1	10/15/2005	10:08:36 AM	9
1	10/15/2005	10:08:36 AM	
1	10/15/2005	10:09:30 AM	10
1	10/15/2005	10:09:33 AM	
1	10/15/2005	10:48:49 AM	11
1	10/15/2005	10:48:49 AM	
1	10/15/2005	10:52:30 AM	12
1	10/15/2005	10:52:31 AM	
1	10/15/2005	11:30:14 AM	13
1	10/15/2005	4:00:53 PM	14
1	10/15/2005	4:00:53 PM	
1	10/15/2005	5:47:25 PM	15
1	10/15/2005	5:47:27 PM	
1	10/15/2005	5:47:29 PM	
1	10/15/2005	5:47:32 PM	16
1	10/15/2005	5:47:32 PM	
1	10/15/2005	5:47:32 PM	
1	10/15/2005	6:15:33 PM	17
1	10/15/2005	6:15:34 PM	
1	10/15/2005	8:33:52 PM	18
1	10/15/2005	8:33:53 PM	
1	10/15/2005	8:33:53 PM	
1	10/15/2005	8:33:53 PM	
1	10/16/2005	7:47:20 AM	1
1	10/16/2005	7:47:21 AM	
1	10/16/2005	7:47:59 AM	2
1	10/16/2005	7:48:14 AM	3
1	10/16/2005	7:48:23 AM	
1	10/16/2005	9:36:28 AM	4
1	10/16/2005	9:36:28 AM	
1	10/16/2005	1:08:38 PM	5
1	10/16/2005	1:08:38 PM	
1	10/16/2005	1:08:38 PM	
1	10/16/2005	3:13:20 PM	6
1	10/16/2005	3:13:26 PM	
1	10/16/2005	3:14:12 PM	7
1	10/16/2005	3:14:12 PM	
1	10/16/2005	3:14:47 PM	8
1	10/16/2005	3:14:47 PM	
1	10/16/2005	4:14:07 PM	9
1	10/16/2005	4:14:07 PM	
1	10/16/2005	4:14:07 PM	
1	10/16/2005	5:33:54 PM	10
1	10/16/2005	5:33:54 PM	
1	10/16/2005	5:33:54 PM	
1	10/16/2005	5:34:27 PM	11
1	10/16/2005	5:34:27 PM	
1	10/16/2005	5:50:18 PM	12
1	10/16/2005	5:50:18 PM	
1	10/16/2005	5:57:12 PM	13
1	10/16/2005	5:57:12 PM	
1	10/16/2005	7:41:19 PM	14
1	10/16/2005	7:41:19 PM	
1	10/17/2005	6:33:24 AM	1
1	10/17/2005	6:33:24 AM	
1	10/17/2005	6:33:24 AM	
1	10/17/2005	6:38:49 AM	2
1	10/17/2005	6:38:49 AM	
1	10/17/2005	6:46:34 AM	3
1	10/17/2005	6:46:34 AM	
1	10/17/2005	6:47:55 AM	4
1	10/17/2005	6:47:55 AM	
1	10/17/2005	6:47:55 AM	
1	10/17/2005	6:55:57 AM	5
1	10/17/2005	6:55:57 AM	
1	10/17/2005	7:04:58 AM	6
1	10/17/2005	7:04:58 AM	
1	10/17/2005	7:33:05 AM	7
1	10/17/2005	7:33:05 AM	
1	10/17/2005	7:33:05 AM	
1	10/17/2005	7:50:04 AM	8
1	10/17/2005	7:50:04 AM	
1	10/17/2005	7:50:04 AM	
1	10/17/2005	7:50:07 AM	9
1	10/17/2005	7:50:07 AM	
1	10/17/2005	7:50:08 AM	10
1	10/17/2005	7:50:08 AM	
1	10/17/2005	8:04:40 AM	11
1	10/17/2005	8:07:21 AM	12
1	10/17/2005	8:07:21 AM	
1	10/17/2005	9:11:06 AM	13
1	10/17/2005	9:11:06 AM	

SITE 5&6 OCT 16-18 JAMAR 3 (Same road segment)

1	10/17/2005	9:19:47 AM	14
1	10/17/2005	9:19:47 AM	
1	10/17/2005	9:19:47 AM	
1	10/17/2005	9:21:44 AM	15
1	10/17/2005	9:21:55 AM	
1	10/17/2005	9:21:59 AM	
1	10/17/2005	9:36:31 AM	16
1	10/17/2005	9:36:31 AM	
1	10/17/2005	9:36:31 AM	
1	10/17/2005	9:47:57 AM	17
1	10/17/2005	9:47:57 AM	
1	10/17/2005	9:47:57 AM	
1	10/17/2005	9:47:58 AM	18
1	10/17/2005	9:47:59 AM	
1	10/17/2005	9:47:59 AM	
1	10/17/2005	10:29:55 AM	19
1	10/17/2005	10:29:55 AM	
1	10/17/2005	10:29:55 AM	
1	10/17/2005	12:32:20 PM	20
1	10/17/2005	12:59:46 PM	21
1	10/17/2005	12:59:46 PM	
1	10/17/2005	12:59:46 PM	
1	10/17/2005	1:55:45 PM	22
1	10/17/2005	1:55:45 PM	
1	10/17/2005	1:59:33 PM	23
1	10/17/2005	1:59:33 PM	
1	10/17/2005	1:59:33 PM	
1	10/17/2005	2:00:06 PM	24
1	10/17/2005	2:00:06 PM	
1	10/17/2005	2:36:49 PM	25
1	10/17/2005	2:36:49 PM	
1	10/17/2005	2:52:12 PM	26
1	10/17/2005	2:52:14 PM	27
1	10/17/2005	2:52:18 PM	
1	10/17/2005	2:52:20 PM	
1	10/17/2005	2:52:23 PM	28
1	10/17/2005	2:52:23 PM	
1	10/17/2005	3:17:08 PM	29
1	10/17/2005	3:17:09 PM	
1	10/17/2005	3:43:28 PM	30
1	10/17/2005	3:43:28 PM	
1	10/17/2005	3:43:28 PM	
1	10/17/2005	6:18:24 PM	31
1	10/17/2005	7:44:05 PM	32
1	10/17/2005	7:44:05 PM	
1	10/17/2005	9:22:21 PM	33
1	10/17/2005	9:22:21 PM	
1	10/17/2005	9:22:21 PM	
1	10/17/2005	9:22:21 PM	
1	10/17/2005	10:23:32 PM	34
1	10/17/2005	10:23:32 PM	
1	10/18/2005	6:48:55 AM	1
1	10/18/2005	6:48:55 AM	
1	10/18/2005	6:48:56 AM	
1	10/18/2005	6:51:00 AM	2
1	10/18/2005	6:51:00 AM	
1	10/18/2005	6:51:00 AM	
1	10/18/2005	6:51:00 AM	
1	10/18/2005	7:10:35 AM	3
1	10/18/2005	7:10:35 AM	
1	10/18/2005	7:19:09 AM	4
1	10/18/2005	7:19:10 AM	
1	10/18/2005	7:28:09 AM	5
1	10/18/2005	7:28:09 AM	
1	10/18/2005	7:28:10 AM	6
1	10/18/2005	7:28:10 AM	
1	10/18/2005	7:28:10 AM	
1	10/18/2005	7:33:30 AM	7
1	10/18/2005	7:33:31 AM	
1	10/18/2005	7:33:31 AM	
1	10/18/2005	7:56:47 AM	8
1	10/18/2005	8:18:46 AM	9
1	10/18/2005	8:18:46 AM	
1	10/18/2005	8:18:46 AM	
1	10/18/2005	8:18:46 AM	
1	10/18/2005	9:04:36 AM	10
1	10/18/2005	9:04:37 AM	
1	10/18/2005	9:04:37 AM	
1	10/18/2005	9:13:59 AM	11
1	10/18/2005	9:31:51 AM	12
1	10/18/2005	9:32:21 AM	13
1	10/18/2005	9:32:22 AM	
1	10/18/2005	9:32:26 AM	14
1	10/18/2005	9:39:46 AM	15
1	10/18/2005	9:39:46 AM	
1	10/18/2005	10:07:59 AM	16
1	10/18/2005	10:56:16 AM	17
1	10/18/2005	10:56:16 AM	
1	10/18/2005	10:56:16 AM	
1	10/18/2005	11:15:59 AM	18
1	10/18/2005	11:15:59 AM	
1	10/18/2005	11:16:17 AM	19
1	10/18/2005	11:16:17 AM	
1	10/18/2005	1:04:04 PM	20
1	10/18/2005	2:30:31 PM	21
1	10/18/2005	2:50:11 PM	22
1	10/18/2005	2:52:16 PM	23
1	10/18/2005	3:15:09 PM	24
1	10/18/2005	3:15:35 PM	25
1	10/18/2005	3:15:36 PM	
1	10/18/2005	3:15:46 PM	26

SITE 5&6 OCT 16-18 JAMAR 3 (Same road segment)

1	10/18/2005	3:15:48 PM	
1	10/18/2005	5:48:02 PM	27
1	10/18/2005	8:23:31 PM	28
1	10/18/2005	8:23:31 PM	
1	10/18/2005	10:24:34 PM	29
1	10/18/2005	10:27:25 PM	30
1	10/18/2005	10:27:25 PM	
1	10/18/2005	10:27:25 PM	
1	10/19/2005	6:19:30 AM	1
1	10/19/2005	6:19:30 AM	
1	10/19/2005	6:19:30 AM	
1	10/19/2005	6:39:04 AM	2
1	10/19/2005	7:35:42 AM	3
1	10/19/2005	7:43:27 AM	4
1	10/19/2005	7:43:27 AM	
1	10/19/2005	7:43:27 AM	
1	10/19/2005	7:43:27 AM	
1	10/19/2005	8:00:15 AM	5
1	10/19/2005	8:00:17 AM	

SITE 7 OCT 16-18 TRAFX EQ02

*Serial Number :0509AZ
 *Counter name :EQ 2
 *Mode :Vehicle (VEH-4d)
 *Batt. voltage :4.7
 *Stored records :00678

=TIME (yy-mm 1:07:54
 =START(yy-mm 17:00
 PERIOD (1/24/0=Timestamps):000
 DELAY (see manual) :064
 THRESHOLD (see manual) :010
 RATE (Fast/Slow) :S

Calibration:04333	Counts	
10/15/2005	0:00:11	1 Preday
10/15/2005	6:44:34	2
10/15/2005	8:30:39	3
10/15/2005	10:03:40	4
10/15/2005	10:10:23	5
10/15/2005	10:20:55	6
10/15/2005	10:22:38	7
10/15/2005	10:22:53	8
10/15/2005	10:23:16	9
10/15/2005	10:23:31	10
10/15/2005	10:24:24	11
10/15/2005	10:24:47	12
10/15/2005	10:25:05	13
10/15/2005	10:25:18	14
10/15/2005	10:27:38	15
10/15/2005	11:43:30	16
10/15/2005	12:21:07	17
10/15/2005	12:26:29	18
10/15/2005	12:29:05	19
10/15/2005	12:29:32	20
10/15/2005	12:41:33	21
10/15/2005	12:41:47	22
10/15/2005	14:28:40	23
10/15/2005	14:28:55	24
10/15/2005	14:36:37	25
10/15/2005	15:07:39	26
10/15/2005	15:20:21	27
10/15/2005	15:22:02	28
10/15/2005	15:25:49	29
10/15/2005	16:58:08	30
10/15/2005	17:17:47	31
10/15/2005	17:23:42	32
10/15/2005	19:05:29	33
10/15/2005	21:12:12	34
10/16/2005	11:22:49	1 Start Counts
10/16/2005	12:01:04	2
10/16/2005	13:00:25	3
10/16/2005	13:01:55	4
10/16/2005	13:02:33	5
10/16/2005	13:05:51	6
10/16/2005	13:06:09	7
10/16/2005	13:07:15	8
10/16/2005	13:47:42	9
10/16/2005	14:04:42	10
10/16/2005	14:24:41	11
10/16/2005	14:25:28	12
10/16/2005	14:43:12	13
10/16/2005	15:04:07	14
10/16/2005	15:19:59	15
10/16/2005	15:20:31	16
10/16/2005	16:07:00	17
10/16/2005	16:42:28	18
10/16/2005	16:45:23	19
10/16/2005	17:00:55	20
10/16/2005	17:03:30	21
10/16/2005	17:32:14	22
10/16/2005	17:37:52	23
10/16/2005	18:26:32	24
10/16/2005	22:08:59	25
10/17/2005	5:43:55	1
10/17/2005	6:23:57	2
10/17/2005	6:25:09	3
10/17/2005	6:28:05	4
10/17/2005	7:07:09	5
10/17/2005	7:16:19	6
10/17/2005	7:37:14	7
10/17/2005	7:37:27	8
10/17/2005	7:56:53	9
10/17/2005	8:40:47	10
10/17/2005	8:42:29	11
10/17/2005	9:11:13	12
10/17/2005	9:21:44	13
10/17/2005	9:31:07	14
10/17/2005	9:36:35	15
10/17/2005	10:41:32	16
10/17/2005	13:44:21	17
10/17/2005	14:36:17	18
10/17/2005	14:36:54	19
10/17/2005	14:59:11	20
10/17/2005	14:59:52	21
10/17/2005	15:51:37	22
10/17/2005	16:01:21	23
10/17/2005	16:44:32	24
10/17/2005	17:28:57	25
10/17/2005	18:26:01	26

SITE 7 OCT 16-18 TRAFX EQD2

10/18/2005	5:40:51	1	
10/18/2005	6:32:04	2	
10/18/2005	9:47:51	3	
10/18/2005	9:48:37	4	
10/18/2005	9:49:16	5	
10/18/2005	9:54:36	6	
10/18/2005	9:54:47	7	
10/18/2005	9:56:04	8	
10/18/2005	9:56:18	9	
10/18/2005	9:59:25	10	
10/18/2005	10:40:39	11	
10/18/2005	10:42:08	12	
10/18/2005	13:08:13	13	
10/18/2005	13:51:25	14	
10/18/2005	14:26:01	15	
10/18/2005	14:33:41	16	
10/18/2005	14:33:52	14:33	until 15:03 Looking for Counter Disturbing Site - No traffic
10/18/2005	15:16:17	17	Begin Count from Artificial Disturbance
10/18/2005	15:18:12	18	
10/18/2005	15:34:43	19	
10/18/2005	15:40:37	20	
10/18/2005	16:05:12	21	
10/18/2005	16:35:13	22	
10/18/2005	16:54:56	23	
10/18/2005	17:14:24	24	
10/18/2005	17:52:49	25	
10/18/2005	17:58:06	26	
10/18/2005	18:23:09	27	
10/18/2005	18:30:40	28	

END OF DATA
-close data file
-then check it

N_ame	S_elect	V_iew
D_ownload	E_rase	L_aunch!

++ ENTER COMMAND ++>>

SITE 8 OCT 16-18 JAMAR 5

Sensor	Date	Time	Count
	110/15/2005	10:33:50 AM	1
	110/15/2005	10:33:53 AM	
	110/15/2005	10:43:38 AM	2
	110/15/2005	10:43:38 AM	
	110/15/2005	11:10:58 AM	3
	110/15/2005	11:10:58 AM	
	110/15/2005	11:22:01 AM	4
	110/15/2005	11:22:01 AM	
	110/15/2005	11:27:17 AM	5
	110/15/2005	11:27:17 AM	
	110/15/2005	11:27:24 AM	6
	110/15/2005	11:27:25 AM	
	110/15/2005	11:27:42 AM	7
	110/15/2005	11:27:42 AM	
	110/15/2005	11:27:42 AM	
	110/15/2005	11:29:14 AM	8
	110/15/2005	11:29:14 AM	
	110/15/2005	11:42:04 AM	9
	110/15/2005	11:42:04 AM	
	110/15/2005	11:42:05 AM	
	110/15/2005	11:50:11 AM	10
	110/15/2005	11:50:11 AM	
	110/15/2005	11:58:09 AM	11
	110/15/2005	11:58:09 AM	
	110/15/2005	12:00:07 PM	12
	110/15/2005	12:00:08 PM	
	110/15/2005	12:01:13 PM	13
	110/15/2005	12:01:13 PM	
	110/15/2005	12:12:10 PM	14
	110/15/2005	12:15:50 PM	15
	110/15/2005	12:15:50 PM	
	110/15/2005	12:26:35 PM	16
	110/15/2005	12:26:35 PM	
	110/15/2005	12:28:35 PM	
	110/15/2005	12:35:18 PM	17
	110/15/2005	12:35:18 PM	
	110/15/2005	12:35:18 PM	
	110/15/2005	12:35:20 PM	18
	110/15/2005	1:23:36 PM	19
	110/15/2005	1:27:03 PM	20
	110/15/2005	1:27:03 PM	
	110/15/2005	1:27:03 PM	
	110/15/2005	1:27:03 PM	
	110/15/2005	2:03:46 PM	21
	110/15/2005	2:03:47 PM	
	110/15/2005	2:04:15 PM	22
	110/15/2005	2:04:36 PM	23
	110/15/2005	2:11:48 PM	24
	110/15/2005	2:11:48 PM	
	110/15/2005	2:58:49 PM	25
	110/15/2005	2:58:49 PM	
	110/15/2005	3:33:49 PM	26
	110/15/2005	3:33:49 PM	
	110/15/2005	3:45:04 PM	27
	110/15/2005	3:45:05 PM	
	110/15/2005	3:45:05 PM	
	110/15/2005	4:21:00 PM	28
	110/15/2005	4:21:00 PM	
	110/15/2005	4:28:34 PM	29
	110/15/2005	4:28:34 PM	
	110/15/2005	4:36:58 PM	30
	110/15/2005	4:59:41 PM	31
	110/15/2005	4:59:41 PM	
	110/15/2005	4:59:41 PM	
	110/15/2005	5:03:07 PM	32
	110/15/2005	5:03:08 PM	
	110/15/2005	5:07:53 PM	33
	110/15/2005	5:07:53 PM	
	110/15/2005	5:07:53 PM	
	110/15/2005	5:14:23 PM	34
	110/15/2005	5:14:23 PM	
	110/15/2005	5:14:58 PM	35
	110/15/2005	5:14:58 PM	
	110/15/2005	5:15:00 PM	36
	110/15/2005	5:15:01 PM	
	110/15/2005	5:18:59 PM	37
	110/15/2005	5:18:59 PM	
	110/15/2005	5:18:59 PM	
	110/15/2005	5:35:58 PM	38
	110/15/2005	5:35:58 PM	
	110/15/2005	5:47:31 PM	39
	110/15/2005	5:47:31 PM	
	110/15/2005	5:47:31 PM	
	110/15/2005	6:06:47 PM	40
	110/15/2005	6:06:47 PM	
	110/15/2005	6:27:33 PM	41
	110/15/2005	6:27:33 PM	
	110/15/2005	6:27:33 PM	
	110/15/2005	6:30:04 PM	42
	110/15/2005	6:30:05 PM	
	110/15/2005	6:36:56 PM	43
	110/15/2005	6:36:56 PM	
	110/15/2005	6:42:44 PM	44
	110/15/2005	6:55:07 PM	45
	110/15/2005	6:55:07 PM	
	110/15/2005	7:01:25 PM	46
	110/15/2005	7:01:25 PM	
	110/15/2005	7:28:25 PM	47
	110/15/2005	7:28:26 PM	
	110/15/2005	7:28:26 PM	
	110/15/2005	7:28:26 PM	
	110/15/2005	7:29:52 PM	48
	110/15/2005	7:29:52 PM	

SITE 8 OCT 16-18 JAMAR 5

110/15/2005	7:44:46 PM	49
110/15/2005	7:44:47 PM	
110/15/2005	8:03:27 PM	50
110/15/2005	8:03:27 PM	
110/15/2005	8:03:27 PM	
110/15/2005	8:03:27 PM	
110/15/2005	10:25:52 PM	51
110/15/2005	10:25:52 PM	
110/15/2005	10:25:52 PM	
110/15/2005	10:28:24 PM	52
110/15/2005	10:28:24 PM	
110/15/2005	10:28:24 PM	
110/15/2005	10:37:43 PM	53
110/15/2005	10:37:43 PM	
110/15/2005	11:06:29 PM	54
110/15/2005	11:06:30 PM	
110/16/2005	4:14:38 AM	1
110/16/2005	4:14:38 AM	
110/16/2005	7:13:11 AM	2
110/16/2005	7:22:05 AM	3
110/16/2005	7:22:06 AM	
110/16/2005	7:26:52 AM	4
110/16/2005	7:26:53 AM	
110/16/2005	7:31:52 AM	5
110/16/2005	7:31:52 AM	
110/16/2005	7:53:16 AM	6
110/16/2005	7:53:17 AM	
110/16/2005	8:06:58 AM	7
110/16/2005	8:06:59 AM	
110/16/2005	8:07:40 AM	8
110/16/2005	8:08:02 AM	9
110/16/2005	8:11:31 AM	10
110/16/2005	8:11:31 AM	
110/16/2005	8:35:18 AM	11
110/16/2005	8:35:19 AM	
110/16/2005	8:48:45 AM	12
110/16/2005	8:48:45 AM	
110/16/2005	8:48:45 AM	
110/16/2005	10:10:49 AM	13
110/16/2005	10:10:49 AM	
110/16/2005	10:12:08 AM	14
110/16/2005	10:12:08 AM	
110/16/2005	10:55:40 AM	15
110/16/2005	10:55:40 AM	
110/16/2005	10:55:40 AM	
110/16/2005	10:55:40 AM	
110/16/2005	10:56:52 AM	16
110/16/2005	10:56:53 AM	
110/16/2005	11:08:09 AM	17
110/16/2005	11:08:09 AM	
110/16/2005	11:25:50 AM	18
110/16/2005	11:36:57 AM	19
110/16/2005	11:36:57 AM	
110/16/2005	11:36:57 AM	
110/16/2005	11:42:03 AM	20
110/16/2005	11:42:04 AM	
110/16/2005	12:36:58 PM	21
110/16/2005	12:36:58 PM	
110/16/2005	12:36:59 PM	
110/16/2005	12:53:51 PM	22
110/16/2005	12:53:51 PM	
110/16/2005	1:06:51 PM	23
110/16/2005	1:06:51 PM	
110/16/2005	1:11:21 PM	24
110/16/2005	1:11:21 PM	
110/16/2005	1:18:39 PM	25
110/16/2005	1:18:39 PM	
110/16/2005	1:28:22 PM	26
110/16/2005	1:28:23 PM	
110/16/2005	1:41:43 PM	27
110/16/2005	1:41:43 PM	
110/16/2005	1:45:03 PM	28
110/16/2005	1:47:52 PM	29
110/16/2005	1:47:53 PM	
110/16/2005	2:01:12 PM	30
110/16/2005	2:01:13 PM	
110/16/2005	2:19:57 PM	31
110/16/2005	2:19:58 PM	
110/16/2005	2:41:09 PM	32
110/16/2005	2:41:10 PM	
110/16/2005	2:53:17 PM	33
110/16/2005	2:53:17 PM	
110/16/2005	2:56:25 PM	34
110/16/2005	2:56:25 PM	
110/16/2005	3:02:28 PM	35
110/16/2005	3:02:28 PM	
110/16/2005	3:27:46 PM	36
110/16/2005	3:27:46 PM	
110/16/2005	3:27:46 PM	
110/16/2005	3:28:21 PM	37
110/16/2005	3:28:46 PM	38
110/16/2005	3:29:23 PM	39
110/16/2005	3:33:11 PM	40
110/16/2005	3:33:11 PM	
110/16/2005	3:33:12 PM	
110/16/2005	4:18:51 PM	41
110/16/2005	4:24:37 PM	42
110/16/2005	4:47:10 PM	43
110/16/2005	5:12:20 PM	44
110/16/2005	5:12:20 PM	
110/16/2005	5:12:20 PM	
110/16/2005	6:23:17 PM	45

SITE 8 OCT 16-18 JAMAR 5

110/16/2005	6:23:17 PM	
110/16/2005	6:27:54 PM	46
110/16/2005	6:27:54 PM	
110/16/2005	7:10:37 PM	47
110/16/2005	7:10:37 PM	
110/16/2005	7:20:12 PM	48
110/16/2005	7:20:12 PM	
110/16/2005	7:20:13 PM	
110/16/2005	7:27:18 PM	49
110/16/2005	7:27:18 PM	
110/16/2005	7:27:19 PM	
110/16/2005	10:06:35 PM	50
110/16/2005	10:06:35 PM	
110/16/2005	11:51:57 PM	51
110/16/2005	11:51:58 PM	
110/16/2005	11:53:29 PM	52
110/16/2005	11:53:29 PM	
110/17/2005	12:01:07 AM	1
110/17/2005	12:01:07 AM	
110/17/2005	5:05:35 AM	2
110/17/2005	5:05:36 AM	
110/17/2005	5:20:58 AM	3
110/17/2005	5:20:58 AM	
110/17/2005	5:55:25 AM	4
110/17/2005	5:55:26 AM	
110/17/2005	5:55:26 AM	
110/17/2005	6:14:27 AM	5
110/17/2005	6:14:27 AM	
110/17/2005	6:19:05 AM	6
110/17/2005	6:23:50 AM	7
110/17/2005	6:23:50 AM	
110/17/2005	6:27:46 AM	8
110/17/2005	6:27:46 AM	
110/17/2005	6:27:46 AM	
110/17/2005	6:29:25 AM	9
110/17/2005	6:29:25 AM	
110/17/2005	6:34:58 AM	10
110/17/2005	6:34:58 AM	
110/17/2005	6:35:56 AM	11
110/17/2005	6:56:01 AM	12
110/17/2005	6:56:02 AM	
110/17/2005	7:04:37 AM	13
110/17/2005	7:04:38 AM	
110/17/2005	7:19:39 AM	14
110/17/2005	7:19:39 AM	
110/17/2005	7:19:41 AM	15
110/17/2005	7:19:41 AM	
110/17/2005	7:32:18 AM	16
110/17/2005	7:32:18 AM	
110/17/2005	7:33:11 AM	17
110/17/2005	7:33:12 AM	
110/17/2005	7:33:12 AM	
110/17/2005	7:36:05 AM	18
110/17/2005	7:36:05 AM	
110/17/2005	7:36:05 AM	
110/17/2005	7:37:48 AM	19
110/17/2005	7:38:44 AM	20
110/17/2005	7:38:44 AM	
110/17/2005	7:38:45 AM	21
110/17/2005	7:38:45 AM	
110/17/2005	7:39:16 AM	22
110/17/2005	7:39:17 AM	
110/17/2005	7:39:17 AM	
110/17/2005	7:39:18 AM	23
110/17/2005	7:39:18 AM	
110/17/2005	7:39:18 AM	
110/17/2005	7:40:34 AM	24
110/17/2005	7:40:35 AM	
110/17/2005	7:47:51 AM	25
110/17/2005	7:47:51 AM	
110/17/2005	7:56:25 AM	26
110/17/2005	7:56:26 AM	
110/17/2005	7:56:26 AM	
110/17/2005	8:29:27 AM	27
110/17/2005	8:29:28 AM	
110/17/2005	8:30:11 AM	28
110/17/2005	8:30:11 AM	
110/17/2005	8:30:17 AM	29
110/17/2005	8:30:18 AM	
110/17/2005	8:30:20 AM	30
110/17/2005	8:30:21 AM	
110/17/2005	8:47:44 AM	31
110/17/2005	8:47:44 AM	
110/17/2005	9:11:44 AM	32
110/17/2005	9:16:59 AM	33
110/17/2005	9:17:02 AM	34
110/17/2005	9:17:02 AM	
110/17/2005	9:17:03 AM	
110/17/2005	9:17:09 AM	35
110/17/2005	9:17:09 AM	
110/17/2005	9:17:10 AM	36
110/17/2005	9:17:10 AM	
110/17/2005	9:17:13 AM	37
110/17/2005	9:17:13 AM	
110/17/2005	9:17:13 AM	38
110/17/2005	9:17:14 AM	
110/17/2005	9:18:22 AM	39
110/17/2005	9:18:22 AM	
110/17/2005	9:18:57 AM	40
110/17/2005	9:18:58 AM	
110/17/2005	9:20:48 AM	41

SITE 6 OCT 16-18 JAMAR 5

110/17/2005	9:20:49 AM	
110/17/2005	9:20:49 AM	
110/17/2005	9:20:50 AM	42
110/17/2005	9:20:50 AM	
110/17/2005	9:20:50 AM	
110/17/2005	9:23:29 AM	43
110/17/2005	9:23:30 AM	
110/17/2005	9:24:15 AM	44
110/17/2005	9:24:15 AM	
110/17/2005	9:25:12 AM	45
110/17/2005	9:25:12 AM	
110/17/2005	9:34:43 AM	46
110/17/2005	9:36:28 AM	47
110/17/2005	9:36:29 AM	
110/17/2005	9:39:11 AM	48
110/17/2005	9:39:11 AM	
110/17/2005	9:42:09 AM	49
110/17/2005	9:42:10 AM	
110/17/2005	9:42:10 AM	
110/17/2005	9:42:12 AM	50
110/17/2005	9:42:12 AM	
110/17/2005	9:45:30 AM	51
110/17/2005	9:45:30 AM	
110/17/2005	9:49:52 AM	52
110/17/2005	9:49:57 AM	
110/17/2005	9:50:04 AM	53
110/17/2005	9:50:10 AM	54
110/17/2005	9:50:11 AM	
110/17/2005	9:50:12 AM	
110/17/2005	9:56:45 AM	55
110/17/2005	9:56:45 AM	
110/17/2005	10:05:25 AM	56
110/17/2005	10:09:23 AM	57
110/17/2005	10:09:23 AM	
110/17/2005	10:09:23 AM	
110/17/2005	10:09:37 AM	58
110/17/2005	10:09:37 AM	
110/17/2005	10:11:53 AM	59
110/17/2005	10:11:53 AM	
110/17/2005	10:11:54 AM	
110/17/2005	10:15:04 AM	60
110/17/2005	10:15:04 AM	
110/17/2005	10:37:02 AM	61
110/17/2005	10:37:02 AM	
110/17/2005	11:03:03 AM	62
110/17/2005	11:03:03 AM	
110/17/2005	11:11:46 AM	63
110/17/2005	11:11:46 AM	
110/17/2005	11:14:04 AM	64
110/17/2005	11:14:04 AM	
110/17/2005	11:14:05 AM	
110/17/2005	11:14:06 AM	
110/17/2005	11:34:46 AM	65
110/17/2005	11:34:47 AM	
110/17/2005	11:34:47 AM	
110/17/2005	11:34:47 AM	66
110/17/2005	11:34:47 AM	
110/17/2005	11:34:49 AM	67
110/17/2005	11:34:49 AM	
110/17/2005	11:34:49 AM	
110/17/2005	11:34:49 AM	
110/17/2005	11:38:05 AM	68
110/17/2005	11:38:05 AM	
110/17/2005	11:38:06 AM	
110/17/2005	11:40:58 AM	69
110/17/2005	11:40:58 AM	
110/17/2005	11:42:08 AM	70
110/17/2005	11:42:08 AM	
110/17/2005	11:42:08 AM	
110/17/2005	11:42:25 AM	71
110/17/2005	11:42:26 AM	
110/17/2005	11:56:06 AM	72
110/17/2005	11:56:06 AM	
110/17/2005	11:56:30 AM	73
110/17/2005	11:56:30 AM	
110/17/2005	11:56:30 AM	
110/17/2005	12:00:14 PM	74
110/17/2005	12:00:15 PM	
110/17/2005	12:05:02 PM	75
110/17/2005	12:05:02 PM	
110/17/2005	12:25:16 PM	76
110/17/2005	12:25:16 PM	
110/17/2005	12:25:16 PM	
110/17/2005	12:25:16 PM	
110/17/2005	12:58:36 PM	77
110/17/2005	12:58:36 PM	
110/17/2005	12:58:36 PM	
110/17/2005	12:58:52 PM	78
110/17/2005	12:58:52 PM	
110/17/2005	12:58:52 PM	
110/17/2005	1:03:18 PM	79
110/17/2005	1:03:19 PM	
110/17/2005	1:03:19 PM	80
110/17/2005	1:03:21 PM	
110/17/2005	1:03:21 PM	
110/17/2005	1:13:58 PM	81
110/17/2005	1:13:58 PM	
110/17/2005	1:24:24 PM	82
110/17/2005	1:24:25 PM	
110/17/2005	1:24:25 PM	83
110/17/2005	1:24:25 PM	
110/17/2005	1:24:26 PM	84
110/17/2005	1:24:26 PM	

SITE 8 OCT 16-18 JAMAR 5

110/17/2005	1:24:26 PM	
110/17/2005	1:35:28 PM	85
110/17/2005	1:35:29 PM	
110/17/2005	1:36:06 PM	86
110/17/2005	1:36:06 PM	
110/17/2005	1:36:07 PM	87
110/17/2005	1:36:07 PM	
110/17/2005	1:36:07 PM	88
110/17/2005	1:36:08 PM	
110/17/2005	1:36:08 PM	89
110/17/2005	1:47:52 PM	
110/17/2005	1:47:52 PM	
110/17/2005	1:47:52 PM	
110/17/2005	1:47:52 PM	
110/17/2005	1:57:56 PM	90
110/17/2005	1:57:57 PM	
110/17/2005	1:57:57 PM	
110/17/2005	2:03:26 PM	91
110/17/2005	2:03:26 PM	
110/17/2005	2:03:27 PM	
110/17/2005	2:03:27 PM	
110/17/2005	2:03:27 PM	
110/17/2005	2:03:28 PM	92
110/17/2005	2:03:28 PM	
110/17/2005	2:03:28 PM	
110/17/2005	2:03:28 PM	
110/17/2005	2:05:40 PM	93
110/17/2005	2:05:41 PM	
110/17/2005	2:34:21 PM	94
110/17/2005	2:34:22 PM	
110/17/2005	2:34:22 PM	
110/17/2005	2:35:34 PM	95
110/17/2005	2:35:34 PM	
110/17/2005	2:36:03 PM	96
110/17/2005	2:36:04 PM	
110/17/2005	2:36:04 PM	
110/17/2005	2:41:08 PM	97
110/17/2005	2:41:08 PM	
110/17/2005	2:41:08 PM	
110/17/2005	2:45:12 PM	98
110/17/2005	2:45:12 PM	
110/17/2005	2:45:12 PM	
110/17/2005	2:53:22 PM	99
110/17/2005	2:53:22 PM	
110/17/2005	2:53:22 PM	
110/17/2005	2:57:08 PM	100
110/17/2005	2:57:08 PM	
110/17/2005	2:57:08 PM	
110/17/2005	2:57:09 PM	101
110/17/2005	2:57:44 PM	102
110/17/2005	2:57:45 PM	
110/17/2005	2:57:45 PM	103
110/17/2005	2:57:46 PM	
110/17/2005	2:57:47 PM	
110/17/2005	2:57:53 PM	104
110/17/2005	2:57:53 PM	
110/17/2005	2:58:15 PM	105
110/17/2005	2:58:15 PM	
110/17/2005	2:58:15 PM	
110/17/2005	2:58:15 PM	
110/17/2005	3:06:11 PM	106
110/17/2005	3:06:11 PM	
110/17/2005	3:06:11 PM	
110/17/2005	3:06:52 PM	107
110/17/2005	3:06:56 PM	108
110/17/2005	3:06:56 PM	
110/17/2005	3:06:56 PM	
110/17/2005	3:07:02 PM	110
110/17/2005	3:07:02 PM	
110/17/2005	3:07:02 PM	
110/17/2005	3:07:09 PM	111
110/17/2005	3:07:49 PM	112
110/17/2005	3:07:49 PM	
110/17/2005	3:07:49 PM	
110/17/2005	3:08:41 PM	113
110/17/2005	3:08:42 PM	
110/17/2005	3:18:27 PM	114
110/17/2005	3:18:28 PM	
110/17/2005	3:18:28 PM	115
110/17/2005	3:18:28 PM	
110/17/2005	3:18:30 PM	116
110/17/2005	3:18:30 PM	
110/17/2005	3:21:46 PM	117
110/17/2005	3:21:46 PM	
110/17/2005	3:28:14 PM	118
110/17/2005	3:28:14 PM	
110/17/2005	3:31:04 PM	119
110/17/2005	3:31:04 PM	
110/17/2005	3:31:04 PM	
110/17/2005	3:32:49 PM	120
110/17/2005	3:32:50 PM	
110/17/2005	3:32:50 PM	
110/17/2005	4:02:37 PM	121
110/17/2005	4:02:37 PM	
110/17/2005	4:02:50 PM	122
110/17/2005	4:02:51 PM	
110/17/2005	4:18:54 PM	123
110/17/2005	4:18:54 PM	
110/17/2005	4:22:23 PM	124
110/17/2005	4:22:23 PM	
110/17/2005	4:26:07 PM	125
110/17/2005	4:26:07 PM	
110/17/2005	4:29:22 PM	126
110/17/2005	4:29:23 PM	
110/17/2005	4:32:04 PM	127

SITE 8 OCT 16-18 JAMAR 5

110/17/2005	4:32:04 PM	
110/17/2005	4:32:04 PM	
110/17/2005	4:32:04 PM	
110/17/2005	4:32:04 PM	
110/17/2005	4:37:01 PM	128
110/17/2005	4:42:16 PM	129
110/17/2005	4:42:17 PM	
110/17/2005	4:59:16 PM	130
110/17/2005	4:59:17 PM	
110/17/2005	4:59:17 PM	
110/17/2005	5:01:58 PM	131
110/17/2005	5:01:58 PM	
110/17/2005	5:13:22 PM	132
110/17/2005	5:13:22 PM	
110/17/2005	5:13:22 PM	
110/17/2005	5:53:36 PM	133
110/17/2005	5:53:36 PM	
110/17/2005	6:03:31 PM	134
110/17/2005	6:03:31 PM	
110/17/2005	6:03:31 PM	135
110/17/2005	6:03:31 PM	
110/17/2005	6:03:31 PM	
110/17/2005	7:12:42 PM	136
110/17/2005	7:12:42 PM	
110/17/2005	7:12:42 PM	
110/17/2005	7:24:20 PM	137
110/17/2005	7:49:37 PM	138
110/17/2005	7:51:06 PM	139
110/17/2005	7:51:06 PM	
110/17/2005	7:52:33 PM	140
110/17/2005	7:52:33 PM	
110/17/2005	8:08:53 PM	141
110/17/2005	8:08:53 PM	
110/17/2005	10:11:08 PM	142
110/18/2005	1:12:54 AM	1
110/18/2005	1:12:54 AM	
110/18/2005	5:53:05 AM	2
110/18/2005	5:53:05 AM	
110/18/2005	5:53:06 AM	3
110/18/2005	5:53:06 AM	
110/18/2005	5:53:21 AM	4
110/18/2005	5:53:21 AM	
110/18/2005	6:03:47 AM	5
110/18/2005	6:03:48 AM	
110/18/2005	6:15:40 AM	6
110/18/2005	6:19:59 AM	7
110/18/2005	6:19:59 AM	
110/18/2005	6:22:41 AM	8
110/18/2005	6:22:41 AM	
110/18/2005	6:54:51 AM	9
110/18/2005	6:54:51 AM	
110/18/2005	6:54:51 AM	
110/18/2005	7:09:59 AM	10
110/18/2005	7:09:59 AM	
110/18/2005	7:09:59 AM	
110/18/2005	7:10:07 AM	11
110/18/2005	7:10:07 AM	
110/18/2005	7:10:14 AM	12
110/18/2005	7:10:14 AM	
110/18/2005	7:24:06 AM	13
110/18/2005	7:24:06 AM	
110/18/2005	7:24:14 AM	14
110/18/2005	7:24:14 AM	
110/18/2005	7:24:21 AM	15
110/18/2005	7:24:22 AM	
110/18/2005	7:24:59 AM	16
110/18/2005	7:24:59 AM	
110/18/2005	7:34:13 AM	17
110/18/2005	7:34:13 AM	
110/18/2005	7:38:54 AM	18
110/18/2005	7:38:54 AM	
110/18/2005	7:38:54 AM	
110/18/2005	7:50:06 AM	19
110/18/2005	7:50:06 AM	
110/18/2005	8:40:29 AM	20
110/18/2005	8:40:29 AM	
110/18/2005	8:40:29 AM	
110/18/2005	8:54:55 AM	21
110/18/2005	8:54:55 AM	
110/18/2005	8:54:55 AM	
110/18/2005	8:54:55 AM	
110/18/2005	9:15:14 AM	23
110/18/2005	9:15:14 AM	
110/18/2005	9:15:53 AM	24
110/18/2005	9:22:49 AM	25
110/18/2005	9:22:49 AM	
110/18/2005	9:26:19 AM	26
110/18/2005	9:26:19 AM	
110/18/2005	10:04:24 AM	27
110/18/2005	10:05:38 AM	28
110/18/2005	10:05:41 AM	
110/18/2005	10:05:55 AM	29
110/18/2005	10:06:01 AM	30
110/18/2005	10:06:04 AM	31
110/18/2005	10:06:05 AM	
110/18/2005	10:06:07 AM	32
110/18/2005	10:06:09 AM	33
110/18/2005	10:06:09 AM	
110/18/2005	10:06:09 AM	
110/18/2005	10:32:43 AM	34

SITE 8 OCT 16-18 JAMAR 5

110/18/2005 10:32:44 AM	
110/18/2005 10:41:34 AM	35
110/18/2005 10:41:34 AM	
110/18/2005 10:41:35 AM	36
110/18/2005 10:41:35 AM	
110/18/2005 10:41:36 AM	
110/18/2005 10:48:54 AM	37
110/18/2005 10:48:54 AM	
110/18/2005 10:48:54 AM	38
110/18/2005 10:48:54 AM	
110/18/2005 11:07:05 AM	39
110/18/2005 11:07:06 AM	
110/18/2005 11:08:10 AM	40
110/18/2005 11:08:10 AM	
110/18/2005 11:08:10 AM	41
110/18/2005 11:08:11 AM	
110/18/2005 11:18:17 AM	42
110/18/2005 11:18:17 AM	
110/18/2005 11:23:00 AM	43
110/18/2005 11:35:34 AM	44
110/18/2005 11:35:35 AM	
110/18/2005 11:35:35 AM	
110/18/2005 11:47:04 AM	45
110/18/2005 11:56:58 AM	46
110/18/2005 11:56:58 AM	
110/18/2005 12:19:31 PM	47
110/18/2005 12:36:01 PM	48
110/18/2005 12:36:01 PM	
110/18/2005 12:43:22 PM	49
110/18/2005 12:43:22 PM	
110/18/2005 12:43:22 PM	
110/18/2005 12:46:01 PM	50
110/18/2005 12:46:02 PM	
110/18/2005 12:51:58 PM	51
110/18/2005 12:51:58 PM	
110/18/2005 12:51:58 PM	
110/18/2005 12:59:42 PM	52
110/18/2005 12:59:43 PM	
110/18/2005 12:59:43 PM	53
110/18/2005 12:59:45 PM	
110/18/2005 12:59:45 PM	
110/18/2005 12:59:45 PM	54
110/18/2005 12:59:45 PM	
110/18/2005 1:27:19 PM	55
110/18/2005 1:27:19 PM	
110/18/2005 1:27:19 PM	
110/18/2005 1:27:19 PM	
110/18/2005 1:28:09 PM	56
110/18/2005 1:28:10 PM	
110/18/2005 1:28:10 PM	
110/18/2005 1:29:53 PM	57
110/18/2005 1:35:38 PM	58
110/18/2005 1:35:38 PM	
110/18/2005 1:35:38 PM	59
110/18/2005 1:35:38 PM	
110/18/2005 2:11:36 PM	60
110/18/2005 2:11:37 PM	
110/18/2005 2:15:09 PM	61
110/18/2005 2:15:09 PM	
110/18/2005 2:23:17 PM	62
110/18/2005 2:23:17 PM	
110/18/2005 2:23:18 PM	
110/18/2005 2:26:28 PM	63
110/18/2005 2:26:28 PM	
110/18/2005 2:35:29 PM	64
110/18/2005 2:35:29 PM	
110/18/2005 2:58:15 PM	65
110/18/2005 3:05:59 PM	66
110/18/2005 3:05:59 PM	
110/18/2005 3:07:01 PM	67
110/18/2005 3:07:01 PM	
110/18/2005 3:09:41 PM	68
110/18/2005 3:09:58 PM	69
110/18/2005 3:14:08 PM	70
110/18/2005 3:14:08 PM	
110/18/2005 3:14:09 PM	71
110/18/2005 3:14:09 PM	
110/18/2005 3:30:23 PM	72
110/18/2005 3:30:24 PM	
110/18/2005 3:36:03 PM	73
110/18/2005 3:36:03 PM	
110/18/2005 3:45:17 PM	74
110/18/2005 3:45:17 PM	
110/18/2005 4:06:46 PM	75
110/18/2005 4:06:46 PM	
110/18/2005 4:15:22 PM	76
110/18/2005 4:15:23 PM	
110/18/2005 4:25:30 PM	77
110/18/2005 4:25:31 PM	
110/18/2005 4:25:31 PM	
110/18/2005 4:40:49 PM	78
110/18/2005 4:40:49 PM	
110/18/2005 4:40:50 PM	79
110/18/2005 4:40:50 PM	
110/18/2005 4:40:55 PM	80
110/18/2005 4:40:55 PM	
110/18/2005 4:40:55 PM	81
110/18/2005 4:40:55 PM	
110/18/2005 4:55:19 PM	82
110/18/2005 4:55:19 PM	
110/18/2005 5:03:40 PM	83
110/18/2005 5:15:22 PM	84
110/18/2005 5:15:22 PM	

SITE 8 OCT 16-18 JAMAR 5

110/18/2005	5:15:23 PM	85
110/18/2005	5:15:23 PM	
110/18/2005	5:33:25 PM	86
110/18/2005	7:17:53 PM	87
110/18/2005	7:17:53 PM	
110/18/2005	7:44:25 PM	88
110/18/2005	7:44:25 PM	
110/18/2005	8:45:18 PM	89
110/18/2005	8:45:18 PM	
110/18/2005	8:45:19 PM	
110/18/2005	10:46:11 PM	90
110/18/2005	10:46:12 PM	
110/18/2005	11:12:17 PM	91
110/18/2005	11:12:18 PM	
110/19/2005	4:19:08 AM	1
110/19/2005	4:19:09 AM	
110/19/2005	4:19:09 AM	
110/19/2005	5:20:05 AM	2
110/19/2005	5:20:05 AM	
110/19/2005	5:53:00 AM	3
110/19/2005	5:53:02 AM	
110/19/2005	5:53:02 AM	
110/19/2005	6:10:03 AM	4
110/19/2005	6:10:03 AM	
110/19/2005	6:16:08 AM	5
110/19/2005	6:16:09 AM	
110/19/2005	6:20:05 AM	6
110/19/2005	6:20:06 AM	
110/19/2005	6:20:49 AM	7
110/19/2005	6:20:49 AM	
110/19/2005	6:24:15 AM	8
110/19/2005	6:24:15 AM	
110/19/2005	6:33:35 AM	9
110/19/2005	6:33:35 AM	
110/19/2005	6:46:13 AM	10
110/19/2005	6:46:13 AM	
110/19/2005	7:07:22 AM	11
110/19/2005	7:11:27 AM	12
110/19/2005	7:11:27 AM	
110/19/2005	7:25:22 AM	13
110/19/2005	7:33:15 AM	14
110/19/2005	7:33:15 AM	
110/19/2005	7:37:32 AM	15
110/19/2005	7:37:33 AM	
110/19/2005	7:37:33 AM	
110/19/2005	7:40:53 AM	16
110/19/2005	7:40:54 AM	
110/19/2005	7:40:54 AM	
110/19/2005	7:44:15 AM	17
110/19/2005	7:44:16 AM	
110/19/2005	7:47:26 AM	18
110/19/2005	7:47:26 AM	
110/19/2005	7:50:04 AM	19
110/19/2005	7:50:04 AM	
110/19/2005	7:50:04 AM	
110/19/2005	7:50:56 AM	20
110/19/2005	7:54:57 AM	
110/19/2005	7:54:57 AM	
110/19/2005	7:59:42 AM	21
110/19/2005	7:59:42 AM	
110/19/2005	7:59:42 AM	
110/19/2005	8:14:33 AM	22
110/19/2005	8:14:33 AM	
110/19/2005	8:17:49 AM	23
110/19/2005	8:17:50 AM	
110/19/2005	8:22:34 AM	24
110/19/2005	8:22:34 AM	
110/19/2005	8:22:34 AM	25
110/19/2005	8:22:34 AM	
110/19/2005	8:24:48 AM	26
110/19/2005	8:24:49 AM	
110/19/2005	8:26:52 AM	27
110/19/2005	8:26:55 AM	

SITE 9 OCT 16-18 JAMAR 4

Sensor	Date	Time	Count
1	10/15/2005	2:01:32 PM	1
1	10/15/2005	2:01:33 PM	
1	10/15/2005	2:01:41 PM	2
1	10/15/2005	2:01:41 PM	
1	10/15/2005	2:01:43 PM	
1	10/15/2005	2:02:02 PM	3
1	10/15/2005	2:10:20 PM	4
1	10/15/2005	2:10:20 PM	
1	10/15/2005	2:51:02 PM	5
1	10/15/2005	2:57:07 PM	6
1	10/15/2005	2:57:08 PM	
1	10/15/2005	2:57:08 PM	
1	10/15/2005	3:32:17 PM	7
1	10/15/2005	3:32:18 PM	
1	10/15/2005	3:46:03 PM	9
1	10/15/2005	4:19:37 PM	10
1	10/15/2005	4:19:37 PM	
1	10/15/2005	4:29:00 PM	11
1	10/15/2005	4:29:01 PM	
1	10/15/2005	4:56:49 PM	12
1	10/15/2005	5:03:44 PM	13
1	10/15/2005	5:36:39 PM	14
1	10/15/2005	6:26:11 PM	15
1	10/15/2005	6:26:11 PM	
1	10/15/2005	6:28:26 PM	16
1	10/15/2005	6:28:26 PM	
1	10/15/2005	6:37:07 PM	17
1	10/15/2005	6:43:18 PM	18
1	10/15/2005	7:38:08 PM	19
1	10/15/2005	7:40:11 PM	20
1	10/15/2005	7:40:12 PM	
1	10/15/2005	10:24:41 PM	21
1	10/15/2005	10:24:41 PM	
1	10/15/2005	11:05:10 PM	22
1	10/15/2005	11:05:11 PM	
1	10/15/2005	11:41:42 PM	23
1	10/15/2005	11:41:43 PM	
1	10/16/2005	4:12:55 AM	1
1	10/16/2005	4:12:56 AM	
1	10/16/2005	7:51:50 AM	2
1	10/16/2005	7:51:50 AM	
1	10/16/2005	7:59:29 AM	3
1	10/16/2005	8:03:19 AM	4
1	10/16/2005	8:03:20 AM	
1	10/16/2005	8:04:04 AM	5
1	10/16/2005	8:04:06 AM	
1	10/16/2005	8:12:00 AM	6
1	10/16/2005	8:12:01 AM	
1	10/16/2005	8:15:06 AM	7
1	10/16/2005	8:15:06 AM	
1	10/16/2005	8:36:54 AM	8
1	10/16/2005	10:09:06 AM	9
1	10/16/2005	10:09:07 AM	
1	10/16/2005	10:54:13 AM	10
1	10/16/2005	10:54:13 AM	
1	10/16/2005	10:54:13 AM	
1	10/16/2005	10:57:06 AM	11
1	10/16/2005	10:57:07 AM	
1	10/16/2005	11:24:09 AM	12
1	10/16/2005	11:37:14 AM	13
1	10/16/2005	12:24:08 PM	14
1	10/16/2005	12:24:08 PM	
1	10/16/2005	12:33:29 PM	15
1	10/16/2005	12:33:30 PM	
1	10/16/2005	12:35:27 PM	16
1	10/16/2005	12:35:27 PM	
1	10/16/2005	12:35:27 PM	
1	10/16/2005	12:39:02 PM	17
1	10/16/2005	12:39:02 PM	
1	10/16/2005	12:52:26 PM	18
1	10/16/2005	12:52:26 PM	
1	10/16/2005	1:28:46 PM	19
1	10/16/2005	1:28:46 PM	
1	10/16/2005	1:46:01 PM	20
1	10/16/2005	1:46:01 PM	
1	10/16/2005	2:01:51 PM	21
1	10/16/2005	2:01:52 PM	
1	10/16/2005	2:18:00 PM	22
1	10/16/2005	2:41:42 PM	23
1	10/16/2005	2:41:42 PM	
1	10/16/2005	2:51:06 PM	24
1	10/16/2005	2:51:06 PM	
1	10/16/2005	3:22:26 PM	25
1	10/16/2005	3:22:27 PM	
1	10/16/2005	3:25:30 PM	26
2	10/16/2005	3:25:30 PM	
1	10/16/2005	3:25:30 PM	
1	10/16/2005	3:25:32 PM	27
1	10/16/2005	3:25:32 PM	
1	10/16/2005	5:23:01 PM	28
1	10/16/2005	5:23:02 PM	
1	10/16/2005	5:29:56 PM	29
1	10/16/2005	5:29:57 PM	
1	10/16/2005	5:31:01 PM	30
1	10/16/2005	5:31:02 PM	
1	10/16/2005	5:45:39 PM	31
1	10/16/2005	6:21:53 PM	32
1	10/16/2005	6:21:53 PM	
1	10/16/2005	6:21:53 PM	

SITE 9 OCT 16-18 JAMAR 4

1	10/16/2005	6:26:16 PM	33
1	10/16/2005	6:26:17 PM	
1	10/16/2005	6:26:17 PM	
1	10/16/2005	6:46:55 PM	34
1	10/16/2005	6:46:56 PM	
1	10/16/2005	7:11:05 PM	35
1	10/16/2005	7:11:06 PM	
1	10/16/2005	7:25:41 PM	36
1	10/16/2005	7:25:42 PM	
1	10/17/2005	5:19:20 AM	1
1	10/17/2005	5:53:38 AM	2
1	10/17/2005	5:53:39 AM	
1	10/17/2005	7:34:26 AM	3
1	10/17/2005	7:34:26 AM	
1	10/17/2005	7:34:26 AM	
1	10/17/2005	7:46:22 AM	4
1	10/17/2005	7:46:23 AM	
1	10/17/2005	9:06:52 AM	5
1	10/17/2005	9:06:52 AM	
1	10/17/2005	9:13:55 AM	6
1	10/17/2005	9:13:56 AM	
1	10/17/2005	9:16:37 AM	7
1	10/17/2005	9:16:37 AM	
1	10/17/2005	9:17:04 AM	8
1	10/17/2005	9:22:50 AM	9
1	10/17/2005	9:22:51 AM	
1	10/17/2005	9:25:38 AM	10
1	10/17/2005	9:44:19 AM	11
1	10/17/2005	9:45:21 AM	12
1	10/17/2005	9:45:23 AM	
1	10/17/2005	9:52:25 AM	13
1	10/17/2005	9:52:25 AM	
1	10/17/2005	11:38:50 AM	14
1	10/17/2005	11:38:51 AM	
1	10/17/2005	1:27:04 PM	15
1	10/17/2005	1:27:04 PM	
1	10/17/2005	1:55:51 PM	16
1	10/17/2005	1:55:51 PM	
1	10/17/2005	2:28:25 PM	17
1	10/17/2005	2:28:26 PM	
1	10/17/2005	2:32:55 PM	18
1	10/17/2005	2:32:56 PM	
1	10/17/2005	2:34:19 PM	19
1	10/17/2005	2:34:19 PM	
1	10/17/2005	2:36:29 PM	20
1	10/17/2005	2:38:35 PM	21
1	10/17/2005	2:38:35 PM	
1	10/17/2005	3:03:01 PM	22
1	10/17/2005	3:03:37 PM	23
1	10/17/2005	3:03:38 PM	
1	10/17/2005	3:03:49 PM	24
1	10/17/2005	3:04:51 PM	
1	10/17/2005	4:03:03 PM	25
1	10/17/2005	4:03:03 PM	
1	10/17/2005	4:20:57 PM	26
1	10/17/2005	4:20:57 PM	
1	10/17/2005	4:30:22 PM	27
1	10/17/2005	4:30:22 PM	
1	10/17/2005	4:30:23 PM	
1	10/17/2005	4:37:38 PM	28
1	10/17/2005	4:37:38 PM	
1	10/17/2005	4:42:26 PM	29
1	10/17/2005	5:51:47 PM	30
1	10/17/2005	5:51:47 PM	
1	10/17/2005	7:24:38 PM	31
1	10/17/2005	7:24:39 PM	
1	10/17/2005	7:47:37 PM	32
1	10/17/2005	7:47:38 PM	
1	10/17/2005	8:07:04 PM	33
1	10/17/2005	8:07:05 PM	
1	10/17/2005	10:09:56 PM	34
1	10/17/2005	10:09:57 PM	
1	10/18/2005	1:13:08 AM	1
1	10/18/2005	1:13:08 AM	
1	10/18/2005	4:13:28 AM	2
1	10/18/2005	4:13:28 AM	
1	10/18/2005	5:51:14 AM	3
1	10/18/2005	5:51:16 AM	
1	10/18/2005	6:53:30 AM	4
1	10/18/2005	6:53:30 AM	
1	10/18/2005	7:37:02 AM	5
1	10/18/2005	7:37:02 AM	
1	10/18/2005	8:38:27 AM	6
1	10/18/2005	8:38:53 AM	
1	10/18/2005	8:49:17 AM	7
1	10/18/2005	8:49:18 AM	
1	10/18/2005	8:49:18 AM	
1	10/18/2005	9:23:23 AM	8
1	10/18/2005	9:23:23 AM	
1	10/18/2005	9:23:24 AM	
1	10/18/2005	9:27:28 AM	9
1	10/18/2005	9:27:28 AM	
1	10/18/2005	9:38:33 AM	10
1	10/18/2005	9:38:34 AM	
1	10/18/2005	10:01:09 AM	11
1	10/18/2005	10:01:09 AM	
1	10/18/2005	10:01:12 AM	12
1	10/18/2005	10:01:12 AM	
1	10/18/2005	1:26:09 PM	13
1	10/18/2005	1:30:25 PM	14

SITE 9 OCT 16-18 JAMAR 4

1	10/18/2005	1:30:25 PM	
1	10/18/2005	1:30:26 PM	
1	10/18/2005	2:21:48 PM	15
1	10/18/2005	2:21:48 PM	
1	10/18/2005	2:21:49 PM	16
1	10/18/2005	2:21:49 PM	
1	10/18/2005	2:59:16 PM	17
1	10/18/2005	2:59:16 PM	
1	10/18/2005	2:59:16 PM	18
1	10/18/2005	2:59:16 PM	
1	10/18/2005	3:06:14 PM	19
1	10/18/2005	3:07:13 PM	20
1	10/18/2005	3:07:13 PM	
1	10/18/2005	3:07:13 PM	
1	10/18/2005	3:48:12 PM	21
1	10/18/2005	3:48:13 PM	
1	10/18/2005	4:23:51 PM	22
1	10/18/2005	4:23:52 PM	
1	10/18/2005	4:53:14 PM	23
1	10/18/2005	4:53:14 PM	
1	10/18/2005	4:53:14 PM	
1	10/18/2005	4:53:39 PM	24
1	10/18/2005	4:53:39 PM	
1	10/18/2005	4:53:40 PM	25
1	10/18/2005	4:53:40 PM	
1	10/18/2005	4:54:10 PM	26
1	10/18/2005	4:54:10 PM	
1	10/18/2005	5:03:59 PM	27
1	10/18/2005	5:04:00 PM	
1	10/18/2005	5:27:43 PM	28
1	10/18/2005	5:27:43 PM	
1	10/18/2005	5:27:43 PM	
1	10/18/2005	6:37:09 PM	29
1	10/18/2005	7:42:30 PM	30
1	10/18/2005	9:13:38 PM	31
1	10/19/2005	4:17:22 AM	1
1	10/19/2005	4:17:22 AM	
1	10/19/2005	4:17:22 AM	
1	10/19/2005	4:17:22 AM	
1	10/19/2005	5:18:21 AM	2
1	10/19/2005	5:18:21 AM	
1	10/19/2005	5:18:21 AM	
1	10/19/2005	5:51:09 AM	3
1	10/19/2005	5:51:10 AM	
1	10/19/2005	6:33:50 AM	4
1	10/19/2005	6:33:50 AM	
1	10/19/2005	7:39:18 AM	5
1	10/19/2005	7:39:19 AM	
1	10/19/2005	7:53:23 AM	6
1	10/19/2005	7:53:24 AM	
1	10/19/2005	7:58:22 AM	7
1	10/19/2005	7:58:22 AM	
1	10/19/2005	8:10:26 AM	8
1	10/19/2005	8:10:26 AM	
1	10/19/2005	8:11:21 AM	9
1	10/19/2005	8:11:21 AM	
1	10/19/2005	8:11:22 AM	
1	10/19/2005	8:14:43 AM	10
1	10/19/2005	8:14:44 AM	

SITE 9 OCT 16-18 TRAFX EQ03

*Serial Number :0509BD
*Counter name :EQ 3
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.7
*Stored records :01037

=TIME (yy-mm-c 10:21:09
=START(yy-mm 17:00
PERIOD (1/24/0=Timestamps) :000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

Calibration:05075

10/15/2005	17:04:34	1	Preday Started at 17:00 after verifying operation from Friday and Saturday morning data
10/15/2005	17:37:27	2	
10/15/2005	18:10:32	3	
10/15/2005	18:27:02	4	
10/15/2005	18:29:17	5	
10/15/2005	18:37:58	6	
10/15/2005	18:44:07	7	
10/15/2005	19:27:33	8	
10/15/2005	19:38:56	9	
10/15/2005	19:41:00	10	
10/15/2005	22:25:30	11	
10/15/2005	22:58:40	12	
10/15/2005	23:05:59	13	
10/15/2005	23:42:30	14	

10/16/2005	4:13:43	1	Begin Count
10/16/2005	7:52:40	2	
10/16/2005	8:04:10	3	
10/16/2005	8:05:40	4	
10/16/2005	8:12:52	5	
10/16/2005	8:15:54	6	
10/16/2005	10:09:54	7	
10/16/2005	10:55:04	8	
10/16/2005	10:57:56	9	
10/16/2005	11:24:27	10	
10/16/2005	11:24:38	11	
10/16/2005	11:24:50	12	
10/16/2005	11:38:04	13	
10/16/2005	12:24:55	14	
10/16/2005	12:34:16	15	
10/16/2005	12:39:51	16	
10/16/2005	12:53:17	17	
10/16/2005	13:29:36	18	
10/16/2005	13:46:52	19	
10/16/2005	13:59:20	20	
10/16/2005	14:02:39	21	
10/16/2005	14:18:49	22	
10/16/2005	14:42:30	23	
10/16/2005	14:51:57	24	
10/16/2005	15:23:13	25	
10/16/2005	15:25:11	26	
10/16/2005	15:26:44	27	
10/16/2005	17:23:49	28	
10/16/2005	17:30:47	29	
10/16/2005	17:31:53	30	
10/16/2005	17:46:26	31	
10/16/2005	18:27:04	32	
10/16/2005	18:47:46	33	
10/16/2005	19:11:54	34	
10/16/2005	19:19:18	35	
10/16/2005	19:26:29	36	

10/17/2005	5:20:07	1	
10/17/2005	5:54:25	2	
10/17/2005	7:35:13	3	
10/17/2005	7:47:10	4	
10/17/2005	8:20:42	5	
10/17/2005	9:07:41	6	
10/17/2005	9:14:42	7	
10/17/2005	9:17:52	8	
10/17/2005	9:23:39	9	
10/17/2005	9:26:25	10	
10/17/2005	9:43:05	11	
10/17/2005	9:45:07	12	
10/17/2005	9:53:12	13	
10/17/2005	11:39:38	14	
10/17/2005	12:30:22	15	
10/17/2005	13:26:51	16	
10/17/2005	13:27:52	17	
10/17/2005	13:56:37	18	
10/17/2005	14:02:19	19	
10/17/2005	14:29:12	20	
10/17/2005	14:33:43	21	
10/17/2005	14:35:05	22	
10/17/2005	14:37:01	23	
10/17/2005	14:37:15	24	
10/17/2005	14:39:23	25	
10/17/2005	15:03:47	26	
10/17/2005	15:05:40	27	
10/17/2005	16:03:50	28	
10/17/2005	16:21:44	29	
10/17/2005	16:31:08	30	
10/17/2005	16:38:25	31	
10/17/2005	16:43:16	32	
10/17/2005	17:52:34	33	
10/17/2005	19:25:28	34	
10/17/2005	19:48:24	35	
10/17/2005	20:07:51	36	

SITE 9 OCT 16-18 TRAFX EQ03

10/17/2005	21:16:19	37
10/17/2005	22:10:46	38
10/18/2005	1:13:57	1
10/18/2005	4:14:16	2
10/18/2005	5:52:00	3
10/18/2005	6:54:18	4
10/18/2005	7:37:48	5
10/18/2005	8:39:14	6
10/18/2005	8:39:26	7
10/18/2005	8:39:37	8
10/18/2005	8:50:08	9
10/18/2005	9:24:13	10
10/18/2005	9:28:15	11
10/18/2005	9:39:22	12
10/18/2005	10:00:31	13
10/18/2005	10:03:42	14
10/18/2005	13:26:56	15
10/18/2005	13:31:14	16
10/18/2005	14:22:35	17
10/18/2005	15:00:03	18
10/18/2005	15:07:01	19
10/18/2005	15:08:47	20
10/18/2005	15:49:01	21
10/18/2005	16:24:37	22
10/18/2005	16:54:01	23
10/18/2005	16:54:26	24
10/18/2005	16:54:59	25
10/18/2005	17:04:49	26
10/18/2005	17:28:30	27
10/18/2005	18:37:55	28
10/18/2005	19:43:16	29
10/18/2005	21:14:24	30

END OF DATA

-close data file

-then check it

N_name	S_select	V_view
D_download	E_erase	L_launch!

++ ENTER COMMAND ++>>

SITE 10 OCT 16-18 JAMAR 1

Sensor	Date	Time	Count
1	10/15/2005	6:15:29 AM	1
1	10/15/2005	6:15:30 AM	
1	10/15/2005	7:48:26 AM	2
1	10/15/2005	7:48:26 AM	
1	10/15/2005	7:48:27 AM	3
1	10/15/2005	7:48:27 AM	
1	10/15/2005	8:21:02 AM	4
1	10/15/2005	8:21:02 AM	
1	10/15/2005	9:54:47 AM	5
1	10/15/2005	9:54:48 AM	
1	10/15/2005	9:54:48 AM	
1	10/15/2005	10:18:55 AM	6
1	10/15/2005	10:18:55 AM	
1	10/15/2005	10:22:55 AM	7
1	10/15/2005	10:22:56 AM	
1	10/15/2005	10:37:24 AM	8
1	10/15/2005	10:37:24 AM	
1	10/15/2005	11:09:24 AM	9
1	10/15/2005	11:09:25 AM	
1	10/15/2005	11:10:40 AM	10
1	10/15/2005	11:10:41 AM	
1	10/15/2005	11:10:41 AM	
1	10/15/2005	11:10:46 AM	11
1	10/15/2005	11:10:48 AM	
1	10/15/2005	11:10:49 AM	
1	10/15/2005	11:11:15 AM	12
1	10/15/2005	11:12:59 AM	13
1	10/15/2005	11:13:00 AM	
1	10/15/2005	11:17:37 AM	14
1	10/15/2005	11:17:37 AM	
1	10/15/2005	11:56:03 AM	15
1	10/15/2005	11:56:03 AM	
1	10/15/2005	11:57:29 AM	16
1	10/15/2005	11:57:30 AM	
1	10/15/2005	12:32:03 PM	17
1	10/15/2005	12:32:03 PM	
1	10/15/2005	1:53:10 PM	18
1	10/15/2005	2:07:29 PM	19
1	10/15/2005	2:07:30 PM	
1	10/15/2005	3:16:22 PM	20
1	10/15/2005	3:16:22 PM	
1	10/15/2005	3:25:56 PM	21
1	10/15/2005	3:25:56 PM	
1	10/15/2005	3:30:50 PM	22
1	10/15/2005	3:30:50 PM	
1	10/15/2005	3:30:50 PM	23
1	10/15/2005	3:30:50 PM	
1	10/15/2005	3:38:09 PM	24
1	10/15/2005	3:38:09 PM	
1	10/15/2005	4:30:23 PM	25
1	10/15/2005	4:30:24 PM	
1	10/15/2005	5:02:04 PM	26
1	10/15/2005	5:02:04 PM	
1	10/15/2005	5:33:25 PM	27
1	10/15/2005	5:33:25 PM	
1	10/15/2005	5:35:09 PM	28
1	10/15/2005	5:35:10 PM	
1	10/15/2005	6:13:40 PM	29
1	10/15/2005	6:13:40 PM	
1	10/15/2005	6:34:53 PM	30
1	10/15/2005	6:34:53 PM	
1	10/16/2005	5:00:56 AM	1
1	10/16/2005	5:00:57 AM	
1	10/16/2005	8:34:48 AM	2
1	10/16/2005	8:34:48 AM	
1	10/16/2005	8:35:17 AM	3
1	10/16/2005	8:35:33 AM	4
1	10/16/2005	8:35:41 AM	5
1	10/16/2005	8:35:52 AM	6
1	10/16/2005	8:35:52 AM	
1	10/16/2005	8:36:00 AM	7
1	10/16/2005	8:36:01 AM	
1	10/16/2005	8:36:01 AM	
1	10/16/2005	8:38:04 AM	8
1	10/16/2005	8:38:04 AM	
1	10/16/2005	8:54:31 AM	9
1	10/16/2005	8:54:32 AM	
1	10/16/2005	9:58:37 AM	10
1	10/16/2005	9:58:37 AM	
1	10/16/2005	10:02:21 AM	11
1	10/16/2005	10:02:21 AM	
1	10/16/2005	10:02:21 AM	
1	10/16/2005	10:12:13 AM	12
1	10/16/2005	10:12:13 AM	
1	10/16/2005	10:12:13 AM	13
1	10/16/2005	10:12:13 AM	
1	10/16/2005	1:35:15 PM	14
1	10/16/2005	1:35:15 PM	
1	10/16/2005	3:25:10 PM	15
1	10/16/2005	3:25:10 PM	
1	10/16/2005	3:49:27 PM	16
1	10/16/2005	3:49:52 PM	17
1	10/16/2005	3:50:12 PM	18
1	10/16/2005	3:50:24 PM	19
1	10/16/2005	3:51:33 PM	20
1	10/16/2005	3:51:34 PM	
1	10/16/2005	4:17:08 PM	21
1	10/16/2005	4:17:09 PM	
1	10/16/2005	5:49:58 PM	22
1	10/16/2005	5:49:58 PM	

SITE 10 OCT 16-18 JAMAR 1

1	10/16/2005	5:49:58 PM	
1	10/16/2005	6:08:44 PM	23
1	10/16/2005	6:08:44 PM	
1	10/16/2005	7:42:40 PM	24
1	10/16/2005	7:42:41 PM	
1	10/16/2005	7:59:25 PM	25
1	10/16/2005	7:59:25 PM	
1	10/16/2005	8:27:08 PM	26
1	10/16/2005	8:27:09 PM	
1	10/16/2005	10:03:43 PM	27
1	10/16/2005	10:03:43 PM	
1	10/16/2005	11:08:17 PM	28
1	10/16/2005	11:08:17 PM	
1	10/16/2005	11:32:49 PM	29
1	10/16/2005	11:32:49 PM	
1	10/17/2005	1:40:50 AM	1
1	10/17/2005	1:40:50 AM	
1	10/17/2005	1:40:51 AM	2
1	10/17/2005	1:40:51 AM	
1	10/17/2005	2:51:11 AM	3
1	10/17/2005	2:51:11 AM	
1	10/17/2005	3:30:24 AM	4
1	10/17/2005	3:30:24 AM	
1	10/17/2005	5:17:17 AM	5
1	10/17/2005	5:17:17 AM	
1	10/17/2005	9:07:31 AM	6
1	10/17/2005	9:07:31 AM	
1	10/17/2005	9:09:24 AM	7
1	10/17/2005	9:09:25 AM	
1	10/17/2005	9:09:27 AM	8
1	10/17/2005	9:09:28 AM	
1	10/17/2005	10:19:22 AM	9
1	10/17/2005	10:27:05 AM	10
1	10/17/2005	10:27:30 AM	11
1	10/17/2005	10:27:32 AM	
1	10/17/2005	10:27:47 AM	12
1	10/17/2005	10:27:47 AM	
1	10/17/2005	10:30:46 AM	13
1	10/17/2005	10:30:46 AM	
1	10/17/2005	10:47:48 AM	14
1	10/17/2005	10:47:48 AM	
1	10/17/2005	11:54:53 AM	15
1	10/17/2005	11:54:53 AM	
1	10/17/2005	11:54:53 AM	
1	10/17/2005	12:36:01 PM	16
1	10/17/2005	12:36:01 PM	
1	10/17/2005	1:50:35 PM	17
1	10/17/2005	1:50:35 PM	
1	10/17/2005	1:50:36 PM	18
1	10/17/2005	1:50:36 PM	
1	10/17/2005	2:06:49 PM	19
1	10/17/2005	2:47:25 PM	20
1	10/17/2005	2:47:25 PM	
1	10/17/2005	2:47:25 PM	
1	10/17/2005	2:57:13 PM	21
1	10/17/2005	2:57:13 PM	
1	10/17/2005	3:29:08 PM	22
1	10/17/2005	3:29:26 PM	23
1	10/17/2005	3:29:26 PM	
1	10/17/2005	3:29:29 PM	24
1	10/17/2005	3:29:29 PM	
1	10/17/2005	3:29:38 PM	25
1	10/17/2005	3:29:41 PM	
1	10/17/2005	3:29:47 PM	26
1	10/17/2005	3:30:26 PM	27
1	10/17/2005	3:48:20 PM	28
1	10/17/2005	3:48:21 PM	
1	10/17/2005	4:31:40 PM	29
1	10/17/2005	4:31:40 PM	
1	10/17/2005	4:31:41 PM	
1	10/17/2005	6:19:39 PM	30
1	10/17/2005	6:19:40 PM	
1	10/18/2005	1:47:00 AM	1
1	10/18/2005	1:47:01 AM	
1	10/18/2005	2:15:30 AM	2
1	10/18/2005	2:15:31 AM	
1	10/18/2005	4:19:53 AM	3
1	10/18/2005	4:19:54 AM	
1	10/18/2005	4:19:54 AM	
1	10/18/2005	5:56:00 AM	4
1	10/18/2005	5:56:01 AM	
1	10/18/2005	5:56:52 AM	5
1	10/18/2005	5:56:53 AM	
1	10/18/2005	6:37:46 AM	6
1	10/18/2005	6:37:46 AM	
1	10/18/2005	6:37:46 AM	7
1	10/18/2005	6:37:46 AM	
1	10/18/2005	6:38:07 AM	8
1	10/18/2005	6:38:08 AM	
1	10/18/2005	8:53:18 AM	9
1	10/18/2005	8:53:18 AM	
1	10/18/2005	9:06:44 AM	10
1	10/18/2005	9:06:45 AM	
1	10/18/2005	9:50:55 AM	11
1	10/18/2005	9:50:55 AM	
1	10/18/2005	10:25:04 AM	12
1	10/18/2005	10:25:05 AM	
1	10/18/2005	10:25:24 AM	13
1	10/18/2005	10:25:32 AM	14
1	10/18/2005	10:25:46 AM	15

SITE 10 OCT 16-18 JAMAR 1

1	10/18/2005	10:26:05 AM	16
1	10/18/2005	10:26:05 AM	
1	10/18/2005	10:26:36 AM	17
1	10/18/2005	10:26:36 AM	
1	10/18/2005	10:54:36 AM	18
1	10/18/2005	10:54:36 AM	
1	10/18/2005	10:59:50 AM	19
1	10/18/2005	10:59:50 AM	
1	10/18/2005	12:14:57 PM	20
1	10/18/2005	12:14:57 PM	
1	10/18/2005	12:17:41 PM	21
1	10/18/2005	12:17:41 PM	
1	10/18/2005	12:39:50 PM	22
1	10/18/2005	12:39:51 PM	
1	10/18/2005	12:39:51 PM	
1	10/18/2005	12:39:53 PM	23
1	10/18/2005	12:39:53 PM	
1	10/18/2005	12:39:53 PM	
1	10/18/2005	12:51:44 PM	24
1	10/18/2005	12:51:45 PM	
1	10/18/2005	12:51:45 PM	
1	10/18/2005	1:10:26 PM	25
1	10/18/2005	1:10:27 PM	
1	10/18/2005	1:10:27 PM	26
1	10/18/2005	1:10:28 PM	
1	10/18/2005	1:10:28 PM	
1	10/18/2005	1:55:19 PM	27
1	10/18/2005	1:55:19 PM	
1	10/18/2005	2:23:51 PM	28
1	10/18/2005	2:23:51 PM	
1	10/18/2005	2:33:13 PM	29
1	10/18/2005	2:33:13 PM	
1	10/18/2005	2:36:47 PM	30
1	10/18/2005	2:36:47 PM	
1	10/18/2005	2:50:42 PM	31
1	10/18/2005	2:50:42 PM	
1	10/18/2005	3:15:36 PM	32
1	10/18/2005	3:15:36 PM	
1	10/18/2005	3:16:17 PM	33
1	10/18/2005	3:16:17 PM	
1	10/18/2005	3:26:34 PM	34
1	10/18/2005	3:26:34 PM	
1	10/18/2005	3:26:46 PM	35
1	10/18/2005	3:26:46 PM	
1	10/18/2005	3:26:47 PM	36
1	10/18/2005	3:26:47 PM	
1	10/18/2005	3:33:21 PM	37
1	10/18/2005	3:33:21 PM	
1	10/18/2005	3:33:23 PM	38
1	10/18/2005	3:33:24 PM	
1	10/18/2005	3:34:30 PM	39
1	10/18/2005	3:34:30 PM	
1	10/18/2005	3:36:34 PM	40
1	10/18/2005	3:37:08 PM	41
1	10/18/2005	3:37:20 PM	42
1	10/18/2005	3:37:31 PM	43
1	10/18/2005	3:37:32 PM	
1	10/18/2005	3:37:35 PM	44
1	10/18/2005	3:37:49 PM	45
1	10/18/2005	3:37:49 PM	
1	10/18/2005	3:39:47 PM	46
1	10/18/2005	3:39:47 PM	
1	10/18/2005	3:44:23 PM	47
1	10/18/2005	3:44:23 PM	
1	10/18/2005	3:44:23 PM	
1	10/18/2005	3:45:31 PM	48
1	10/18/2005	3:45:31 PM	
1	10/18/2005	3:45:32 PM	49
1	10/18/2005	3:45:32 PM	
1	10/18/2005	3:45:32 PM	
1	10/18/2005	3:45:39 PM	50
1	10/18/2005	3:45:39 PM	
1	10/18/2005	3:49:49 PM	51
1	10/18/2005	3:49:49 PM	
1	10/18/2005	3:54:05 PM	52
1	10/18/2005	3:54:05 PM	
1	10/18/2005	3:54:05 PM	
1	10/18/2005	3:54:26 PM	53
1	10/18/2005	3:54:26 PM	
1	10/18/2005	3:58:33 PM	54
1	10/18/2005	3:58:34 PM	
1	10/18/2005	3:59:11 PM	55
1	10/18/2005	3:59:11 PM	
1	10/18/2005	3:59:15 PM	56
1	10/18/2005	3:59:15 PM	
1	10/18/2005	4:11:24 PM	57
1	10/18/2005	4:11:25 PM	
1	10/18/2005	4:20:19 PM	58
1	10/18/2005	4:20:19 PM	
1	10/18/2005	4:20:19 PM	
1	10/18/2005	4:20:45 PM	59
1	10/18/2005	4:20:45 PM	
1	10/18/2005	4:20:45 PM	
1	10/18/2005	4:24:00 PM	60
1	10/18/2005	4:24:00 PM	
1	10/18/2005	4:24:49 PM	61
1	10/18/2005	4:24:49 PM	
1	10/18/2005	4:25:08 PM	62
1	10/18/2005	4:25:08 PM	
1	10/18/2005	4:28:22 PM	63
1	10/18/2005	4:28:22 PM	
1	10/18/2005	4:49:58 PM	64

SITE 10 OCT 16-18 JAMAR 1

1	10/18/2005	4:49:58 PM	
1	10/18/2005	5:03:14 PM	65
1	10/18/2005	5:03:14 PM	
1	10/18/2005	5:04:12 PM	66
1	10/18/2005	5:04:12 PM	
1	10/18/2005	5:40:55 PM	67
1	10/18/2005	5:40:55 PM	
1	10/18/2005	5:48:15 PM	68
1	10/18/2005	5:48:15 PM	
1	10/18/2005	5:48:34 PM	69
1	10/18/2005	5:48:34 PM	
1	10/18/2005	6:10:28 PM	70
1	10/18/2005	6:10:28 PM	
1	10/18/2005	6:17:40 PM	71
1	10/18/2005	6:17:40 PM	
1	10/18/2005	6:34:46 PM	72
1	10/18/2005	6:34:47 PM	
1	10/18/2005	6:47:18 PM	73
1	10/18/2005	6:47:18 PM	
1	10/18/2005	6:47:47 PM	74
1	10/18/2005	6:47:47 PM	
1	10/18/2005	7:47:03 PM	75
1	10/18/2005	7:47:03 PM	
1	10/18/2005	7:50:47 PM	76
1	10/18/2005	7:50:47 PM	
1	10/18/2005	9:22:21 PM	77
1	10/18/2005	9:22:21 PM	
1	10/18/2005	9:32:28 PM	78
1	10/18/2005	9:32:28 PM	
1	10/18/2005	10:46:46 PM	79
1	10/18/2005	10:46:46 PM	
1	10/18/2005	11:15:39 PM	80
1	10/18/2005	11:15:40 PM	
1	10/18/2005	11:33:43 PM	81
1	10/18/2005	11:33:43 PM	
1	10/19/2005	12:14:35 AM	1
1	10/19/2005	12:14:35 AM	
1	10/19/2005	1:16:19 AM	2
1	10/19/2005	1:16:20 AM	
1	10/19/2005	1:22:31 AM	3
1	10/19/2005	1:22:31 AM	
1	10/19/2005	3:56:40 AM	4
1	10/19/2005	3:56:41 AM	
1	10/19/2005	5:48:47 AM	5
1	10/19/2005	5:48:47 AM	
1	10/19/2005	5:56:53 AM	6
1	10/19/2005	5:56:53 AM	
1	10/19/2005	5:56:54 AM	
1	10/19/2005	5:57:42 AM	7
1	10/19/2005	5:57:42 AM	
1	10/19/2005	7:05:51 AM	8
1	10/19/2005	7:05:51 AM	
1	10/19/2005	8:37:12 AM	9
1	10/19/2005	8:37:12 AM	
1	10/19/2005	9:02:51 AM	10
1	10/19/2005	9:02:51 AM	
1	10/19/2005	9:03:42 AM	11
1	10/19/2005	9:03:53 AM	12
1	10/19/2005	9:03:57 AM	13

SITE 11 OCT 16-18 JAMAR 8

Sensor	Date	Time	Count
1	10/15/2005	1:32:52 PM	
1	10/15/2005	1:33:02 PM	
1	10/15/2005	1:33:03 PM	
1	10/15/2005	1:33:06 PM	
1	10/15/2005	1:33:08 PM	
1	10/15/2005	1:35:10 PM	
1	10/15/2005	1:35:10 PM	
1	10/15/2005	1:36:14 PM	
1	10/15/2005	1:36:14 PM	
1	10/15/2005	1:36:42 PM	
1	10/15/2005	1:36:42 PM	
1	10/15/2005	1:37:49 PM	
1	10/15/2005	1:37:49 PM	
1	10/15/2005	1:38:00 PM	
1	10/15/2005	1:38:01 PM	
1	10/15/2005	1:38:45 PM	
1	10/15/2005	1:38:45 PM	
1	10/15/2005	1:38:45 PM	
1	10/15/2005	1:39:23 PM	
1	10/15/2005	1:39:23 PM	
1	10/15/2005	1:43:09 PM	
1	10/15/2005	1:43:10 PM	
1	10/15/2005	1:47:47 PM	
1	10/15/2005	1:47:48 PM	
1	10/15/2005	1:47:53 PM	
1	10/15/2005	1:47:54 PM	
1	10/15/2005	1:48:22 PM	
1	10/15/2005	1:48:22 PM	
1	10/15/2005	1:49:47 PM	
1	10/15/2005	1:49:48 PM	
1	10/15/2005	1:52:02 PM	
1	10/15/2005	1:52:02 PM	
1	10/15/2005	1:55:40 PM	
1	10/15/2005	1:55:40 PM	
1	10/15/2005	1:55:41 PM	
1	10/15/2005	1:55:41 PM	
1	10/15/2005	1:58:18 PM	
1	10/15/2005	1:58:18 PM	
1	10/15/2005	1:58:18 PM	
1	10/15/2005	2:05:25 PM	
1	10/15/2005	2:05:25 PM	
1	10/15/2005	2:05:39 PM	
1	10/15/2005	2:05:39 PM	
1	10/15/2005	2:14:00 PM	
1	10/15/2005	2:14:00 PM	
1	10/15/2005	2:15:29 PM	
1	10/15/2005	2:15:30 PM	
1	10/15/2005	2:15:31 PM	
1	10/15/2005	2:15:32 PM	
1	10/15/2005	2:16:41 PM	
1	10/15/2005	2:16:42 PM	
1	10/15/2005	2:25:33 PM	
1	10/15/2005	2:25:34 PM	
1	10/15/2005	2:26:38 PM	
1	10/15/2005	2:26:38 PM	
1	10/15/2005	2:30:31 PM	
1	10/15/2005	2:30:31 PM	
1	10/15/2005	2:34:57 PM	
1	10/15/2005	2:34:58 PM	
1	10/15/2005	2:34:58 PM	
1	10/15/2005	2:34:59 PM	
1	10/15/2005	2:35:08 PM	
1	10/15/2005	2:35:08 PM	
1	10/15/2005	2:39:46 PM	
1	10/15/2005	2:39:46 PM	
1	10/15/2005	2:41:25 PM	
1	10/15/2005	2:41:25 PM	
1	10/15/2005	2:46:12 PM	
1	10/15/2005	2:46:12 PM	
1	10/15/2005	2:46:42 PM	
1	10/15/2005	2:46:42 PM	
1	10/15/2005	2:47:40 PM	
1	10/15/2005	2:47:40 PM	
1	10/15/2005	2:48:29 PM	
1	10/15/2005	2:48:30 PM	
1	10/15/2005	2:49:07 PM	
1	10/15/2005	2:49:07 PM	
1	10/15/2005	2:50:32 PM	
1	10/15/2005	2:50:32 PM	
1	10/15/2005	2:53:22 PM	
1	10/15/2005	2:53:22 PM	
1	10/15/2005	2:55:07 PM	
1	10/15/2005	2:55:07 PM	
1	10/15/2005	2:57:45 PM	
1	10/15/2005	2:57:45 PM	
1	10/15/2005	2:58:07 PM	
1	10/15/2005	2:58:07 PM	
1	10/15/2005	2:59:28 PM	
1	10/15/2005	2:59:29 PM	
1	10/15/2005	3:00:24 PM	
1	10/15/2005	3:00:25 PM	
1	10/15/2005	3:02:13 PM	
1	10/15/2005	3:02:13 PM	
1	10/15/2005	3:02:47 PM	
1	10/15/2005	3:02:47 PM	
1	10/15/2005	3:04:47 PM	
1	10/15/2005	3:04:47 PM	
1	10/15/2005	3:12:13 PM	
1	10/15/2005	3:12:14 PM	
1	10/15/2005	3:13:23 PM	

SITE 11 OCT 16-18 JAMAR 8

1	10/15/2005	3:13:59 PM
1	10/15/2005	3:13:59 PM
1	10/15/2005	3:13:59 PM
1	10/15/2005	3:17:11 PM
1	10/15/2005	3:17:39 PM
1	10/15/2005	3:17:39 PM
1	10/15/2005	3:18:32 PM
1	10/15/2005	3:18:33 PM
1	10/15/2005	3:22:32 PM
1	10/15/2005	3:22:32 PM
1	10/15/2005	3:32:42 PM
1	10/15/2005	3:32:43 PM
1	10/15/2005	3:33:31 PM
1	10/15/2005	3:33:31 PM
1	10/15/2005	3:37:42 PM
1	10/15/2005	3:37:42 PM
1	10/15/2005	3:41:41 PM
1	10/15/2005	3:41:41 PM
1	10/15/2005	3:46:13 PM
1	10/15/2005	3:46:13 PM
1	10/15/2005	3:46:23 PM
1	10/15/2005	3:46:23 PM
1	10/15/2005	3:47:07 PM
1	10/15/2005	3:47:08 PM
1	10/15/2005	3:47:12 PM
1	10/15/2005	3:47:12 PM
1	10/15/2005	3:57:53 PM
1	10/15/2005	3:57:53 PM
1	10/15/2005	3:58:11 PM
1	10/15/2005	3:58:11 PM
1	10/15/2005	4:03:26 PM
1	10/15/2005	4:03:26 PM
1	10/15/2005	4:05:00 PM
1	10/15/2005	4:05:00 PM
1	10/15/2005	4:06:56 PM
1	10/15/2005	4:07:52 PM
1	10/15/2005	4:07:52 PM
1	10/15/2005	4:08:03 PM
1	10/15/2005	4:08:03 PM
1	10/15/2005	4:12:17 PM
1	10/15/2005	4:12:17 PM
1	10/15/2005	4:12:35 PM
1	10/15/2005	4:12:36 PM
1	10/15/2005	4:14:46 PM
1	10/15/2005	4:14:46 PM
1	10/15/2005	4:20:29 PM
1	10/15/2005	4:20:29 PM
1	10/15/2005	4:25:28 PM
1	10/15/2005	4:25:28 PM
1	10/15/2005	4:41:52 PM
1	10/15/2005	4:41:52 PM
1	10/15/2005	4:41:53 PM
1	10/15/2005	4:50:31 PM
1	10/15/2005	4:50:32 PM
1	10/15/2005	4:51:06 PM
1	10/15/2005	4:51:07 PM
1	10/15/2005	4:51:32 PM
1	10/15/2005	4:51:32 PM
1	10/15/2005	4:53:08 PM
1	10/15/2005	4:53:09 PM
1	10/15/2005	4:58:54 PM
1	10/15/2005	4:58:54 PM
1	10/15/2005	5:00:40 PM
1	10/15/2005	5:00:40 PM
1	10/15/2005	5:01:32 PM
1	10/15/2005	5:01:32 PM
1	10/15/2005	5:01:44 PM
1	10/15/2005	5:01:45 PM
1	10/15/2005	5:03:38 PM
1	10/15/2005	5:03:38 PM
1	10/15/2005	5:08:20 PM
1	10/15/2005	5:08:20 PM
1	10/15/2005	5:10:19 PM
1	10/15/2005	5:10:19 PM
1	10/15/2005	5:11:40 PM
1	10/15/2005	5:11:41 PM
1	10/15/2005	5:14:58 PM
1	10/15/2005	5:14:58 PM
1	10/15/2005	5:20:40 PM
1	10/15/2005	5:20:40 PM
1	10/15/2005	5:24:46 PM
1	10/15/2005	5:24:46 PM
1	10/15/2005	5:24:47 PM
1	10/15/2005	5:24:47 PM
1	10/15/2005	5:24:47 PM
1	10/15/2005	5:24:47 PM
1	10/15/2005	5:28:14 PM
1	10/15/2005	5:28:14 PM
1	10/15/2005	5:35:53 PM
1	10/15/2005	5:35:54 PM
1	10/15/2005	5:36:26 PM
1	10/15/2005	5:36:26 PM
1	10/15/2005	5:36:48 PM
1	10/15/2005	5:36:48 PM
1	10/15/2005	5:38:55 PM
1	10/15/2005	5:38:56 PM
1	10/15/2005	5:42:40 PM
1	10/15/2005	5:42:40 PM
1	10/15/2005	5:44:46 PM
1	10/15/2005	5:44:47 PM
1	10/15/2005	5:44:48 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/15/2005	5:44:48 PM
1	10/15/2005	5:46:40 PM
1	10/15/2005	5:46:40 PM
1	10/15/2005	5:51:18 PM
1	10/15/2005	5:51:19 PM
1	10/15/2005	5:52:49 PM
1	10/15/2005	5:52:49 PM
1	10/15/2005	5:53:11 PM
1	10/15/2005	5:53:11 PM
1	10/15/2005	5:55:03 PM
1	10/15/2005	5:55:03 PM
1	10/15/2005	5:55:39 PM
1	10/15/2005	5:55:40 PM
1	10/15/2005	5:56:21 PM
1	10/15/2005	5:56:22 PM
1	10/15/2005	5:56:33 PM
1	10/15/2005	5:56:33 PM
1	10/15/2005	6:02:16 PM
1	10/15/2005	6:02:16 PM
1	10/15/2005	6:02:47 PM
1	10/15/2005	6:02:48 PM
1	10/15/2005	6:16:48 PM
1	10/15/2005	6:16:49 PM
1	10/15/2005	6:16:59 PM
1	10/15/2005	6:17:00 PM
1	10/15/2005	6:19:27 PM
1	10/15/2005	6:19:27 PM
1	10/15/2005	6:22:06 PM
1	10/15/2005	6:22:06 PM
1	10/15/2005	6:22:06 PM
1	10/15/2005	6:26:16 PM
1	10/15/2005	6:26:16 PM
1	10/15/2005	6:26:19 PM
1	10/15/2005	6:26:19 PM
1	10/15/2005	6:35:08 PM
1	10/15/2005	6:35:08 PM
1	10/15/2005	6:35:13 PM
1	10/15/2005	6:35:13 PM
1	10/15/2005	6:40:39 PM
1	10/15/2005	6:40:39 PM
1	10/15/2005	6:45:08 PM
1	10/15/2005	6:45:09 PM
1	10/15/2005	6:46:36 PM
1	10/15/2005	6:46:36 PM
1	10/15/2005	6:46:39 PM
1	10/15/2005	6:46:39 PM
1	10/15/2005	6:56:30 PM
1	10/15/2005	6:56:30 PM
1	10/15/2005	6:56:31 PM
1	10/15/2005	6:56:31 PM
1	10/15/2005	7:04:31 PM
1	10/15/2005	7:04:31 PM
1	10/15/2005	7:05:58 PM
1	10/15/2005	7:05:58 PM
1	10/15/2005	7:06:00 PM
1	10/15/2005	7:06:00 PM
1	10/15/2005	7:06:00 PM
1	10/15/2005	7:06:00 PM
1	10/15/2005	7:06:26 PM
1	10/15/2005	7:06:26 PM
1	10/15/2005	7:06:52 PM
1	10/15/2005	7:06:53 PM
1	10/15/2005	7:10:18 PM
1	10/15/2005	7:10:18 PM
1	10/15/2005	7:10:24 PM
1	10/15/2005	7:10:24 PM
1	10/15/2005	7:20:33 PM
1	10/15/2005	7:20:33 PM
1	10/15/2005	7:20:33 PM
1	10/15/2005	7:23:51 PM
1	10/15/2005	7:23:51 PM
1	10/15/2005	7:26:23 PM
1	10/15/2005	7:26:23 PM
1	10/15/2005	7:26:25 PM
1	10/15/2005	7:26:25 PM
1	10/15/2005	7:26:25 PM
1	10/15/2005	7:33:05 PM
1	10/15/2005	7:33:05 PM
1	10/15/2005	7:33:05 PM
1	10/15/2005	7:59:11 PM
1	10/15/2005	7:59:12 PM
1	10/15/2005	8:24:50 PM
1	10/15/2005	8:24:51 PM
1	10/15/2005	8:24:53 PM
1	10/15/2005	8:24:53 PM
1	10/15/2005	8:29:26 PM
1	10/15/2005	8:29:26 PM
1	10/15/2005	8:34:19 PM
1	10/15/2005	8:34:19 PM
1	10/15/2005	8:35:05 PM
1	10/15/2005	8:35:06 PM
1	10/15/2005	8:40:02 PM
1	10/15/2005	8:40:03 PM
1	10/15/2005	8:40:03 PM
1	10/15/2005	8:53:09 PM
1	10/15/2005	8:53:09 PM
1	10/15/2005	8:53:26 PM
1	10/15/2005	8:53:27 PM
1	10/15/2005	8:53:59 PM
1	10/15/2005	8:53:59 PM
1	10/15/2005	8:56:58 PM
1	10/15/2005	8:56:59 PM

SITE 11 OCT 16-18 JAMAR 8

1 10/15/2005 9:03:02 PM
 1 10/15/2005 9:03:02 PM
 1 10/15/2005 9:04:19 PM
 1 10/15/2005 9:04:20 PM
 1 10/15/2005 9:17:31 PM
 1 10/15/2005 9:17:31 PM
 1 10/15/2005 9:17:31 PM
 1 10/15/2005 9:17:31 PM
 1 10/15/2005 9:29:09 PM
 1 10/15/2005 9:29:09 PM
 1 10/15/2005 9:42:39 PM
 1 10/15/2005 9:42:39 PM
 1 10/15/2005 9:44:23 PM
 1 10/15/2005 9:44:23 PM
 1 10/15/2005 10:15:47 PM
 1 10/15/2005 10:15:48 PM
 1 10/15/2005 10:19:08 PM
 1 10/15/2005 10:19:08 PM
 1 10/15/2005 10:19:08 PM
 1 10/15/2005 10:19:29 PM
 1 10/15/2005 10:19:30 PM
 1 10/15/2005 10:22:01 PM
 1 10/15/2005 10:22:01 PM
 1 10/15/2005 10:34:11 PM
 1 10/15/2005 10:40:32 PM
 1 10/15/2005 10:40:32 PM
 1 10/15/2005 11:10:06 PM
 1 10/15/2005 11:10:06 PM
 1 10/15/2005 11:48:36 PM
 1 10/15/2005 11:48:37 PM
 1 10/15/2005 11:56:39 PM
 1 10/15/2005 11:56:40 PM
 1 10/15/2005 11:56:40 PM
 1 10/15/2005 11:59:32 PM
 1 10/15/2005 11:59:32 PM

2-341 divide by 2 170

1 10/16/2005 12:08:14 AM 1
 1 10/16/2005 12:08:14 AM
 1 10/16/2005 12:39:50 AM 1
 1 10/16/2005 12:39:50 AM
 1 10/16/2005 2:43:32 AM 1
 1 10/16/2005 2:43:32 AM
 1 10/16/2005 3:03:37 AM 1
 1 10/16/2005 5:16:26 AM 1
 1 10/16/2005 5:16:27 AM
 1 10/16/2005 6:13:55 AM 1
 1 10/16/2005 6:13:55 AM
 1 10/16/2005 6:31:18 AM 1
 1 10/16/2005 6:31:19 AM
 1 10/16/2005 6:31:19 AM
 1 10/16/2005 6:58:28 AM 1
 1 10/16/2005 6:58:28 AM
 1 10/16/2005 7:11:52 AM 1
 1 10/16/2005 7:11:53 AM
 1 10/16/2005 7:31:02 AM 1
 1 10/16/2005 7:31:02 AM
 1 10/16/2005 7:39:47 AM 1
 1 10/16/2005 7:39:48 AM
 1 10/16/2005 7:42:34 AM 1
 1 10/16/2005 7:42:34 AM
 1 10/16/2005 7:50:30 AM 1
 1 10/16/2005 7:50:30 AM
 1 10/16/2005 8:21:10 AM 1
 1 10/16/2005 8:21:11 AM
 1 10/16/2005 8:21:26 AM 1
 1 10/16/2005 8:21:27 AM
 1 10/16/2005 8:21:36 AM 1
 1 10/16/2005 8:21:36 AM
 1 10/16/2005 8:35:51 AM 1
 1 10/16/2005 8:35:51 AM
 1 10/16/2005 8:36:19 AM 1
 1 10/16/2005 8:36:20 AM
 1 10/16/2005 8:41:46 AM 1
 1 10/16/2005 8:41:46 AM
 1 10/16/2005 8:52:41 AM 1
 1 10/16/2005 8:52:41 AM
 1 10/16/2005 8:52:41 AM
 1 10/16/2005 8:53:14 AM 1
 1 10/16/2005 8:53:15 AM
 1 10/16/2005 8:53:59 AM 1
 1 10/16/2005 8:54:00 AM
 1 10/16/2005 9:04:48 AM 1
 1 10/16/2005 9:04:49 AM
 1 10/16/2005 9:05:47 AM 1
 1 10/16/2005 9:05:47 AM
 1 10/16/2005 9:05:48 AM
 1 10/16/2005 9:06:53 AM 1
 1 10/16/2005 9:08:52 AM
 1 10/16/2005 9:08:52 AM
 1 10/16/2005 9:09:25 AM 1
 1 10/16/2005 9:09:25 AM
 1 10/16/2005 9:13:14 AM 1
 1 10/16/2005 9:13:14 AM
 1 10/16/2005 9:15:10 AM 1
 1 10/16/2005 9:15:10 AM
 1 10/16/2005 9:32:30 AM 1
 1 10/16/2005 9:34:12 AM 1
 1 10/16/2005 9:34:13 AM
 1 10/16/2005 9:47:19 AM 1
 1 10/16/2005 10:08:22 AM 1
 1 10/16/2005 10:08:22 AM
 1 10/16/2005 10:08:23 AM 1

SITE 11 OCT 16-18 JAMAR 8

1	10/16/2005	10:08:23 AM	1
1	10/16/2005	10:11:00 AM	1
1	10/16/2005	10:11:01 AM	1
1	10/16/2005	10:11:38 AM	1
1	10/16/2005	10:11:38 AM	1
1	10/16/2005	10:16:44 AM	1
1	10/16/2005	10:16:44 AM	1
1	10/16/2005	10:21:06 AM	1
1	10/16/2005	10:21:07 AM	1
1	10/16/2005	10:31:16 AM	1
1	10/16/2005	10:31:17 AM	1
1	10/16/2005	10:33:20 AM	1
1	10/16/2005	10:37:56 AM	1
1	10/16/2005	10:37:57 AM	1
1	10/16/2005	10:39:22 AM	1
1	10/16/2005	10:40:22 AM	1
1	10/16/2005	10:40:22 AM	1
1	10/16/2005	10:49:29 AM	1
1	10/16/2005	10:49:29 AM	1
1	10/16/2005	10:50:48 AM	1
1	10/16/2005	10:50:49 AM	1
1	10/16/2005	10:51:01 AM	1
1	10/16/2005	10:51:01 AM	1
1	10/16/2005	11:00:37 AM	1
1	10/16/2005	11:00:37 AM	1
1	10/16/2005	11:00:38 AM	1
1	10/16/2005	11:00:38 AM	1
1	10/16/2005	11:07:39 AM	1
1	10/16/2005	11:07:39 AM	1
1	10/16/2005	11:07:39 AM	1
1	10/16/2005	11:07:53 AM	1
1	10/16/2005	11:07:53 AM	1
1	10/16/2005	11:13:45 AM	1
1	10/16/2005	11:13:45 AM	1
1	10/16/2005	11:14:36 AM	1
1	10/16/2005	11:14:36 AM	1
1	10/16/2005	11:17:56 AM	1
1	10/16/2005	11:17:56 AM	1
1	10/16/2005	11:17:56 AM	1
1	10/16/2005	11:17:56 AM	1
1	10/16/2005	11:17:56 AM	1
1	10/16/2005	11:17:57 AM	1
1	10/16/2005	11:18:29 AM	1
1	10/16/2005	11:18:29 AM	1
1	10/16/2005	11:20:33 AM	1
1	10/16/2005	11:20:33 AM	1
1	10/16/2005	11:20:34 AM	1
1	10/16/2005	11:33:28 AM	1
1	10/16/2005	11:33:29 AM	1
1	10/16/2005	11:42:46 AM	1
1	10/16/2005	11:42:46 AM	1
1	10/16/2005	11:43:54 AM	1
1	10/16/2005	11:43:55 AM	1
1	10/16/2005	11:47:45 AM	1
1	10/16/2005	11:47:45 AM	1
1	10/16/2005	11:47:45 AM	1
1	10/16/2005	11:50:45 AM	1
1	10/16/2005	11:50:45 AM	1
1	10/16/2005	11:51:39 AM	1
1	10/16/2005	11:51:39 AM	1
1	10/16/2005	11:51:39 AM	1
1	10/16/2005	11:51:39 AM	1
1	10/16/2005	11:51:40 AM	1
1	10/16/2005	11:52:13 AM	1
1	10/16/2005	11:52:14 AM	1
1	10/16/2005	11:52:23 AM	1
1	10/16/2005	11:52:23 AM	1
1	10/16/2005	11:52:23 AM	1
1	10/16/2005	11:52:23 AM	1
1	10/16/2005	11:55:14 AM	1
1	10/16/2005	11:55:15 AM	1
1	10/16/2005	12:06:12 PM	1
1	10/16/2005	12:06:13 PM	1
1	10/16/2005	12:12:51 PM	1
1	10/16/2005	12:12:51 PM	1
1	10/16/2005	12:16:24 PM	1
1	10/16/2005	12:16:24 PM	1
1	10/16/2005	12:27:20 PM	1
1	10/16/2005	12:27:21 PM	1
1	10/16/2005	12:39:19 PM	1
1	10/16/2005	12:39:20 PM	1
1	10/16/2005	1:00:28 PM	1
1	10/16/2005	1:00:28 PM	1
1	10/16/2005	1:00:30 PM	1
1	10/16/2005	1:00:34 PM	1
1	10/16/2005	1:00:35 PM	1
1	10/16/2005	1:00:35 PM	1
1	10/16/2005	1:02:47 PM	1
1	10/16/2005	1:02:48 PM	1
1	10/16/2005	1:10:53 PM	1
1	10/16/2005	1:10:53 PM	1
1	10/16/2005	1:20:16 PM	1
1	10/16/2005	1:20:26 PM	1
1	10/16/2005	1:20:27 PM	1
1	10/16/2005	1:20:41 PM	1
1	10/16/2005	1:20:41 PM	1
1	10/16/2005	1:22:04 PM	1
1	10/16/2005	1:22:04 PM	1
1	10/16/2005	1:22:04 PM	1
1	10/16/2005	1:28:58 PM	1
1	10/16/2005	1:28:58 PM	1
1	10/16/2005	1:30:00 PM	1

SITE 11 OCT 16-18 JAMAR 8

1	10/16/2005	1:30:01 PM	
1	10/16/2005	1:30:52 PM	1
1	10/16/2005	1:30:52 PM	
1	10/16/2005	1:33:56 PM	1
1	10/16/2005	1:33:56 PM	
1	10/16/2005	1:45:05 PM	1
1	10/16/2005	1:45:05 PM	
1	10/16/2005	1:45:05 PM	
1	10/16/2005	1:49:57 PM	1
1	10/16/2005	1:49:58 PM	
1	10/16/2005	1:57:30 PM	1
1	10/16/2005	1:57:30 PM	
1	10/16/2005	1:59:10 PM	1
1	10/16/2005	1:59:10 PM	
1	10/16/2005	2:01:23 PM	1
1	10/16/2005	2:01:23 PM	
1	10/16/2005	2:06:59 PM	1
1	10/16/2005	2:07:00 PM	
1	10/16/2005	2:07:36 PM	1
1	10/16/2005	2:07:36 PM	
1	10/16/2005	2:07:36 PM	1
1	10/16/2005	2:07:36 PM	
1	10/16/2005	2:12:57 PM	1
1	10/16/2005	2:13:37 PM	1
1	10/16/2005	2:13:37 PM	
1	10/16/2005	2:13:42 PM	1
1	10/16/2005	2:13:42 PM	
1	10/16/2005	2:13:42 PM	1
1	10/16/2005	2:13:42 PM	
1	10/16/2005	2:22:55 PM	1
1	10/16/2005	2:22:56 PM	
1	10/16/2005	2:22:57 PM	1
1	10/16/2005	2:22:58 PM	
1	10/16/2005	2:26:39 PM	1
1	10/16/2005	2:26:39 PM	
1	10/16/2005	2:26:39 PM	
1	10/16/2005	2:38:04 PM	1
1	10/16/2005	2:38:04 PM	
1	10/16/2005	2:40:55 PM	1
1	10/16/2005	2:40:55 PM	
1	10/16/2005	2:43:31 PM	1
1	10/16/2005	2:43:32 PM	
1	10/16/2005	2:54:22 PM	1
1	10/16/2005	2:54:23 PM	
1	10/16/2005	2:54:29 PM	1
1	10/16/2005	2:54:30 PM	
1	10/16/2005	2:56:28 PM	1
1	10/16/2005	2:56:28 PM	
1	10/16/2005	3:00:19 PM	1
1	10/16/2005	3:00:20 PM	
1	10/16/2005	3:01:17 PM	1
1	10/16/2005	3:01:17 PM	
1	10/16/2005	3:02:32 PM	1
1	10/16/2005	3:02:32 PM	
1	10/16/2005	3:02:32 PM	1
1	10/16/2005	3:02:33 PM	
1	10/16/2005	3:02:33 PM	
1	10/16/2005	3:09:31 PM	1
1	10/16/2005	3:09:32 PM	
1	10/16/2005	3:12:27 PM	1
1	10/16/2005	3:12:28 PM	
1	10/16/2005	3:14:21 PM	1
1	10/16/2005	3:14:21 PM	
1	10/16/2005	3:22:58 PM	1
1	10/16/2005	3:22:59 PM	
1	10/16/2005	3:25:24 PM	1
1	10/16/2005	3:25:24 PM	
1	10/16/2005	3:30:32 PM	1
1	10/16/2005	3:30:32 PM	
1	10/16/2005	3:30:52 PM	1
1	10/16/2005	3:30:53 PM	
1	10/16/2005	3:48:28 PM	1
1	10/16/2005	3:51:49 PM	1
1	10/16/2005	3:53:59 PM	1
1	10/16/2005	3:53:59 PM	
1	10/16/2005	3:54:39 PM	1
1	10/16/2005	3:54:39 PM	
1	10/16/2005	3:59:39 PM	1
1	10/16/2005	3:59:39 PM	
1	10/16/2005	4:03:20 PM	1
1	10/16/2005	4:03:20 PM	
1	10/16/2005	4:03:52 PM	1
1	10/16/2005	4:03:57 PM	
1	10/16/2005	4:04:19 PM	1
1	10/16/2005	4:04:19 PM	
1	10/16/2005	4:05:10 PM	1
1	10/16/2005	4:05:10 PM	
1	10/16/2005	4:05:10 PM	
1	10/16/2005	4:15:20 PM	1
1	10/16/2005	4:15:21 PM	
1	10/16/2005	4:15:58 PM	1
1	10/16/2005	4:15:59 PM	
1	10/16/2005	4:22:54 PM	1
1	10/16/2005	4:22:55 PM	
1	10/16/2005	4:35:01 PM	1
1	10/16/2005	4:35:01 PM	
1	10/16/2005	4:39:42 PM	1
1	10/16/2005	4:39:42 PM	
1	10/16/2005	4:41:19 PM	1
1	10/16/2005	4:41:19 PM	
1	10/16/2005	4:42:27 PM	1
1	10/16/2005	4:42:27 PM	

SITE 11 OCT 16-18 JAMAR 8

1	10/16/2005	4:48:55 PM	1
1	10/16/2005	4:48:55 PM	
1	10/16/2005	4:49:40 PM	1
1	10/16/2005	4:49:40 PM	
1	10/16/2005	4:50:13 PM	1
1	10/16/2005	4:50:14 PM	
1	10/16/2005	4:50:56 PM	1
1	10/16/2005	4:50:56 PM	
1	10/16/2005	4:51:26 PM	1
1	10/16/2005	4:51:26 PM	
1	10/16/2005	4:55:37 PM	1
1	10/16/2005	4:55:37 PM	
1	10/16/2005	4:55:38 PM	1
1	10/16/2005	4:55:38 PM	
1	10/16/2005	4:55:40 PM	
1	10/16/2005	5:02:13 PM	1
1	10/16/2005	5:02:14 PM	
1	10/16/2005	5:04:12 PM	1
1	10/16/2005	5:04:13 PM	
1	10/16/2005	5:04:13 PM	
1	10/16/2005	5:04:53 PM	1
1	10/16/2005	5:04:53 PM	
1	10/16/2005	5:04:53 PM	
1	10/16/2005	5:04:58 PM	1
1	10/16/2005	5:04:58 PM	
1	10/16/2005	5:05:33 PM	1
1	10/16/2005	5:05:33 PM	
1	10/16/2005	5:05:37 PM	1
1	10/16/2005	5:05:38 PM	
1	10/16/2005	5:10:14 PM	1
1	10/16/2005	5:10:14 PM	
1	10/16/2005	5:14:00 PM	1
1	10/16/2005	5:14:00 PM	
1	10/16/2005	5:14:00 PM	1
1	10/16/2005	5:14:00 PM	
1	10/16/2005	5:16:59 PM	1
1	10/16/2005	5:16:59 PM	
1	10/16/2005	5:17:33 PM	1
1	10/16/2005	5:17:34 PM	
1	10/16/2005	5:18:17 PM	1
1	10/16/2005	5:18:17 PM	
1	10/16/2005	5:18:52 PM	1
1	10/16/2005	5:18:52 PM	
1	10/16/2005	5:21:21 PM	1
1	10/16/2005	5:21:21 PM	
1	10/16/2005	5:21:37 PM	1
1	10/16/2005	5:21:37 PM	
1	10/16/2005	5:22:00 PM	1
1	10/16/2005	5:22:00 PM	
1	10/16/2005	5:22:01 PM	
1	10/16/2005	5:32:53 PM	1
1	10/16/2005	5:32:54 PM	
1	10/16/2005	5:37:06 PM	1
1	10/16/2005	5:37:06 PM	
1	10/16/2005	5:41:26 PM	1
1	10/16/2005	5:41:26 PM	
1	10/16/2005	5:41:26 PM	1
1	10/16/2005	5:41:26 PM	
1	10/16/2005	5:42:52 PM	1
1	10/16/2005	5:42:52 PM	
1	10/16/2005	5:42:52 PM	
1	10/16/2005	5:43:15 PM	1
1	10/16/2005	5:43:15 PM	
1	10/16/2005	5:43:15 PM	
1	10/16/2005	5:49:44 PM	1
1	10/16/2005	5:49:44 PM	
1	10/16/2005	5:49:45 PM	
1	10/16/2005	5:53:02 PM	1
1	10/16/2005	5:53:36 PM	1
1	10/16/2005	5:53:36 PM	
1	10/16/2005	5:55:01 PM	1
1	10/16/2005	5:55:01 PM	
1	10/16/2005	5:59:03 PM	
1	10/16/2005	5:59:16 PM	1
1	10/16/2005	5:59:16 PM	
1	10/16/2005	5:59:16 PM	
1	10/16/2005	6:02:32 PM	1
1	10/16/2005	6:02:32 PM	
1	10/16/2005	6:28:08 PM	1
1	10/16/2005	6:28:08 PM	
1	10/16/2005	6:37:10 PM	1
1	10/16/2005	6:37:10 PM	
1	10/16/2005	6:55:53 PM	1
1	10/16/2005	6:55:54 PM	
1	10/16/2005	6:56:31 PM	1
1	10/16/2005	6:56:31 PM	
1	10/16/2005	6:59:34 PM	1
1	10/16/2005	6:59:34 PM	
1	10/16/2005	7:01:08 PM	1
1	10/16/2005	7:01:09 PM	
1	10/16/2005	7:02:01 PM	1
1	10/16/2005	7:02:02 PM	
1	10/16/2005	7:29:51 PM	1
1	10/16/2005	7:29:51 PM	
1	10/16/2005	7:30:05 PM	1
1	10/16/2005	7:30:05 PM	
1	10/16/2005	7:30:06 PM	
1	10/16/2005	7:43:59 PM	1
1	10/16/2005	7:43:59 PM	
1	10/16/2005	7:49:47 PM	1
1	10/16/2005	7:49:47 PM	
1	10/16/2005	7:52:28 PM	1

SITE 11 OCT 16-18 JAMAR 8

1	10/16/2005	7:52:28 PM				
1	10/16/2005	7:52:28 PM				
1	10/16/2005	7:54:11 PM	1			
1	10/16/2005	7:54:11 PM				
1	10/16/2005	7:54:49 PM	1			
1	10/16/2005	7:54:50 PM				
1	10/16/2005	8:26:58 PM	1			
1	10/16/2005	8:26:59 PM				
1	10/16/2005	8:27:53 PM	1			
1	10/16/2005	8:27:53 PM				
1	10/16/2005	8:29:29 PM	1			
1	10/16/2005	8:29:29 PM				
1	10/16/2005	8:29:30 PM				
1	10/16/2005	8:59:42 PM	1			
1	10/16/2005	8:59:42 PM				
1	10/16/2005	9:00:02 PM	1			
1	10/16/2005	9:00:03 PM				
1	10/16/2005	9:00:27 PM	1			
1	10/16/2005	9:00:27 PM				
1	10/16/2005	9:19:43 PM	1			
1	10/16/2005	9:19:43 PM				
1	10/16/2005	9:19:44 PM	1			
1	10/16/2005	9:19:44 PM				
1	10/16/2005	9:25:56 PM	1			
1	10/16/2005	9:46:17 PM	1			
1	10/16/2005	9:46:18 PM				
1	10/16/2005	10:18:32 PM	1			
1	10/16/2005	10:18:33 PM				
1	10/16/2005	10:22:51 PM	1			
1	10/16/2005	10:22:52 PM				
1	10/16/2005	10:30:11 PM	1			
1	10/16/2005	10:30:12 PM				
1	10/16/2005	10:30:40 PM	1			
1	10/16/2005	10:30:40 PM				
1	10/16/2005	10:47:07 PM	1			
1	10/16/2005	10:47:07 PM				
1	10/16/2005	10:47:08 PM	1			
1	10/16/2005	10:47:09 PM				
1	10/16/2005	10:47:35 PM	1			
1	10/16/2005	10:47:35 PM				
1	10/16/2005	10:50:29 PM	1			
1	10/16/2005	10:50:30 PM				
1	10/16/2005	10:53:14 PM	1			
1	10/16/2005	10:53:15 PM				
1	10/16/2005	11:00:33 PM	1			
1	10/16/2005	11:00:33 PM				
1	10/16/2005	11:00:34 PM	1			
1	10/16/2005	11:00:34 PM				
1	10/16/2005	11:52:30 PM	1			
1	10/16/2005	11:52:30 PM				
1	10/16/2005	11:52:30 PM				
			205	343-765	divide by 2	211
						24 hrs weekend
1	10/17/2005	12:18:24 AM				
1	10/17/2005	12:18:24 AM				
1	10/17/2005	12:18:31 AM				
1	10/17/2005	12:18:31 AM				
1	10/17/2005	2:05:26 AM				
1	10/17/2005	2:05:27 AM				
1	10/17/2005	4:52:59 AM				
1	10/17/2005	4:52:59 AM				
1	10/17/2005	5:31:20 AM				
1	10/17/2005	5:31:20 AM				
1	10/17/2005	5:41:32 AM				
1	10/17/2005	5:41:33 AM				
1	10/17/2005	5:41:40 AM				
1	10/17/2005	5:41:40 AM				
1	10/17/2005	5:45:00 AM				
1	10/17/2005	5:45:00 AM				
1	10/17/2005	5:45:00 AM				
1	10/17/2005	5:53:05 AM				
1	10/17/2005	5:53:05 AM				
1	10/17/2005	5:57:02 AM				
1	10/17/2005	5:57:03 AM				
1	10/17/2005	6:00:37 AM				
1	10/17/2005	6:00:38 AM				
1	10/17/2005	6:04:35 AM				
1	10/17/2005	6:04:35 AM				
1	10/17/2005	6:05:35 AM				
1	10/17/2005	6:05:35 AM				
1	10/17/2005	6:06:22 AM				
1	10/17/2005	6:06:23 AM				
1	10/17/2005	6:06:23 AM				
1	10/17/2005	6:10:00 AM				
1	10/17/2005	6:10:00 AM				
1	10/17/2005	6:11:15 AM				
1	10/17/2005	6:11:15 AM				
1	10/17/2005	6:11:16 AM				
1	10/17/2005	6:12:51 AM				
1	10/17/2005	6:12:51 AM				
1	10/17/2005	6:13:04 AM				
1	10/17/2005	6:13:04 AM				
1	10/17/2005	6:14:00 AM				
1	10/17/2005	6:14:00 AM				
1	10/17/2005	6:15:26 AM				
1	10/17/2005	6:15:26 AM				
1	10/17/2005	6:16:43 AM				
1	10/17/2005	6:16:43 AM				
1	10/17/2005	6:17:01 AM				
1	10/17/2005	6:17:01 AM				
1	10/17/2005	6:17:59 AM				
1	10/17/2005	6:17:59 AM				
1	10/17/2005	6:18:00 AM				

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	6:18:00 AM
1	10/17/2005	6:22:15 AM
1	10/17/2005	6:22:16 AM
1	10/17/2005	6:24:42 AM
1	10/17/2005	6:24:42 AM
1	10/17/2005	6:26:53 AM
1	10/17/2005	6:26:53 AM
1	10/17/2005	6:27:52 AM
1	10/17/2005	6:27:52 AM
1	10/17/2005	6:32:21 AM
1	10/17/2005	6:32:21 AM
1	10/17/2005	6:32:24 AM
1	10/17/2005	6:32:24 AM
1	10/17/2005	6:36:36 AM
1	10/17/2005	6:36:36 AM
1	10/17/2005	6:36:42 AM
1	10/17/2005	6:36:43 AM
1	10/17/2005	6:36:49 AM
1	10/17/2005	6:36:50 AM
1	10/17/2005	6:39:03 AM
1	10/17/2005	6:39:03 AM
1	10/17/2005	6:39:06 AM
1	10/17/2005	6:39:06 AM
1	10/17/2005	6:39:07 AM
1	10/17/2005	6:39:07 AM
1	10/17/2005	6:40:54 AM
1	10/17/2005	6:40:54 AM
1	10/17/2005	6:41:03 AM
1	10/17/2005	6:41:04 AM
1	10/17/2005	6:41:25 AM
1	10/17/2005	6:41:26 AM
1	10/17/2005	6:41:28 AM
1	10/17/2005	6:41:29 AM
1	10/17/2005	6:42:15 AM
1	10/17/2005	6:42:15 AM
1	10/17/2005	6:42:17 AM
1	10/17/2005	6:42:18 AM
1	10/17/2005	6:42:59 AM
1	10/17/2005	6:42:59 AM
1	10/17/2005	6:43:24 AM
1	10/17/2005	6:43:24 AM
1	10/17/2005	6:43:27 AM
1	10/17/2005	6:43:27 AM
1	10/17/2005	6:43:30 AM
1	10/17/2005	6:43:30 AM
1	10/17/2005	6:43:30 AM
1	10/17/2005	6:43:40 AM
1	10/17/2005	6:43:41 AM
1	10/17/2005	6:43:47 AM
1	10/17/2005	6:43:47 AM
1	10/17/2005	6:45:10 AM
1	10/17/2005	6:45:10 AM
1	10/17/2005	6:45:10 AM
1	10/17/2005	6:45:13 AM
1	10/17/2005	6:45:13 AM
1	10/17/2005	6:45:45 AM
1	10/17/2005	6:45:45 AM
1	10/17/2005	6:45:46 AM
1	10/17/2005	6:46:07 AM
1	10/17/2005	6:46:07 AM
1	10/17/2005	6:47:09 AM
1	10/17/2005	6:47:09 AM
1	10/17/2005	6:47:10 AM
1	10/17/2005	6:47:10 AM
1	10/17/2005	6:47:21 AM
1	10/17/2005	6:47:21 AM
1	10/17/2005	6:47:21 AM
1	10/17/2005	6:47:31 AM
1	10/17/2005	6:47:31 AM
1	10/17/2005	6:47:47 AM
1	10/17/2005	6:47:47 AM
1	10/17/2005	6:48:59 AM
1	10/17/2005	6:48:59 AM
1	10/17/2005	6:49:09 AM
1	10/17/2005	6:49:09 AM
1	10/17/2005	6:50:14 AM
1	10/17/2005	6:50:14 AM
1	10/17/2005	6:51:17 AM
1	10/17/2005	6:51:18 AM
1	10/17/2005	6:52:39 AM
1	10/17/2005	6:52:39 AM
1	10/17/2005	6:52:39 AM
1	10/17/2005	6:52:59 AM
1	10/17/2005	6:52:59 AM
1	10/17/2005	6:52:59 AM
1	10/17/2005	6:53:04 AM
1	10/17/2005	6:53:04 AM
1	10/17/2005	6:53:08 AM
1	10/17/2005	6:53:08 AM
1	10/17/2005	6:53:13 AM
1	10/17/2005	6:53:13 AM
1	10/17/2005	6:54:19 AM
1	10/17/2005	6:54:20 AM
1	10/17/2005	6:54:57 AM
1	10/17/2005	6:54:58 AM
1	10/17/2005	6:55:04 AM
1	10/17/2005	6:55:04 AM
1	10/17/2005	6:55:10 AM
1	10/17/2005	6:55:10 AM
1	10/17/2005	6:56:09 AM
1	10/17/2005	6:56:10 AM
1	10/17/2005	6:56:15 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	6:56:16 AM
1	10/17/2005	6:56:16 AM
1	10/17/2005	6:56:22 AM
1	10/17/2005	6:56:22 AM
1	10/17/2005	6:56:22 AM
1	10/17/2005	6:56:33 AM
1	10/17/2005	6:56:34 AM
1	10/17/2005	6:56:35 AM
1	10/17/2005	6:56:35 AM
1	10/17/2005	6:56:39 AM
1	10/17/2005	6:56:40 AM
1	10/17/2005	6:56:55 AM
1	10/17/2005	6:56:56 AM
1	10/17/2005	6:57:56 AM
1	10/17/2005	6:57:56 AM
1	10/17/2005	6:59:12 AM
1	10/17/2005	6:59:12 AM
1	10/17/2005	6:59:26 AM
1	10/17/2005	6:59:26 AM
1	10/17/2005	6:59:37 AM
1	10/17/2005	6:59:37 AM
1	10/17/2005	6:59:47 AM
1	10/17/2005	6:59:47 AM
1	10/17/2005	7:00:25 AM
1	10/17/2005	7:00:25 AM
1	10/17/2005	7:00:25 AM
1	10/17/2005	7:00:26 AM
1	10/17/2005	7:00:27 AM
1	10/17/2005	7:01:41 AM
1	10/17/2005	7:01:41 AM
1	10/17/2005	7:01:41 AM
1	10/17/2005	7:03:18 AM
1	10/17/2005	7:03:19 AM
1	10/17/2005	7:03:29 AM
1	10/17/2005	7:03:30 AM
1	10/17/2005	7:03:30 AM
1	10/17/2005	7:03:30 AM
1	10/17/2005	7:04:41 AM
1	10/17/2005	7:04:41 AM
1	10/17/2005	7:06:00 AM
1	10/17/2005	7:06:00 AM
1	10/17/2005	7:06:00 AM
1	10/17/2005	7:07:49 AM
1	10/17/2005	7:07:49 AM
1	10/17/2005	7:10:04 AM
1	10/17/2005	7:10:04 AM
1	10/17/2005	7:10:04 AM
1	10/17/2005	7:10:04 AM
1	10/17/2005	7:10:04 AM
1	10/17/2005	7:13:23 AM
1	10/17/2005	7:13:24 AM
1	10/17/2005	7:14:01 AM
1	10/17/2005	7:14:01 AM
1	10/17/2005	7:14:01 AM
1	10/17/2005	7:14:07 AM
1	10/17/2005	7:14:07 AM
1	10/17/2005	7:14:07 AM
1	10/17/2005	7:14:07 AM
1	10/17/2005	7:17:53 AM
1	10/17/2005	7:17:54 AM
1	10/17/2005	7:18:48 AM
1	10/17/2005	7:18:48 AM
1	10/17/2005	7:21:24 AM
1	10/17/2005	7:22:53 AM
1	10/17/2005	7:22:53 AM
1	10/17/2005	7:22:53 AM
1	10/17/2005	7:29:04 AM
1	10/17/2005	7:29:04 AM
1	10/17/2005	7:36:02 AM
1	10/17/2005	7:36:02 AM
1	10/17/2005	7:36:03 AM
1	10/17/2005	7:36:03 AM
1	10/17/2005	7:38:35 AM
1	10/17/2005	7:38:35 AM
1	10/17/2005	7:40:03 AM
1	10/17/2005	7:49:29 AM
1	10/17/2005	7:49:30 AM
1	10/17/2005	7:51:10 AM
1	10/17/2005	7:51:11 AM
1	10/17/2005	7:51:51 AM
1	10/17/2005	7:51:52 AM
1	10/17/2005	7:51:52 AM
1	10/17/2005	8:00:30 AM
1	10/17/2005	8:00:30 AM
1	10/17/2005	8:01:16 AM
1	10/17/2005	8:01:16 AM
1	10/17/2005	8:06:05 AM
1	10/17/2005	8:06:05 AM
1	10/17/2005	8:06:06 AM
1	10/17/2005	8:08:10 AM
1	10/17/2005	8:08:11 AM
1	10/17/2005	8:08:11 AM
1	10/17/2005	8:08:13 AM
1	10/17/2005	8:08:14 AM
1	10/17/2005	8:12:50 AM
1	10/17/2005	8:12:50 AM
1	10/17/2005	8:14:33 AM
1	10/17/2005	8:15:19 AM
1	10/17/2005	8:15:19 AM
1	10/17/2005	8:16:28 AM
1	10/17/2005	8:16:28 AM
1	10/17/2005	8:16:29 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	8:16:29 AM
1	10/17/2005	8:17:51 AM
1	10/17/2005	8:17:52 AM
1	10/17/2005	8:23:18 AM
1	10/17/2005	8:23:18 AM
1	10/17/2005	8:23:18 AM
1	10/17/2005	8:23:50 AM
1	10/17/2005	8:23:50 AM
1	10/17/2005	8:25:27 AM
1	10/17/2005	8:28:25 AM
1	10/17/2005	8:28:25 AM
1	10/17/2005	8:28:25 AM
1	10/17/2005	8:30:31 AM
1	10/17/2005	8:30:31 AM
1	10/17/2005	8:31:41 AM
1	10/17/2005	8:31:42 AM
1	10/17/2005	8:32:41 AM
1	10/17/2005	8:34:50 AM
1	10/17/2005	8:34:50 AM
1	10/17/2005	8:35:08 AM
1	10/17/2005	8:35:08 AM
1	10/17/2005	8:35:08 AM
1	10/17/2005	8:36:44 AM
1	10/17/2005	8:36:44 AM
1	10/17/2005	8:36:44 AM
1	10/17/2005	8:36:44 AM
1	10/17/2005	8:37:15 AM
1	10/17/2005	8:37:15 AM
1	10/17/2005	8:44:27 AM
1	10/17/2005	8:44:27 AM
1	10/17/2005	8:46:16 AM
1	10/17/2005	8:46:16 AM
1	10/17/2005	8:46:21 AM
1	10/17/2005	8:46:21 AM
1	10/17/2005	8:46:23 AM
1	10/17/2005	8:46:23 AM
1	10/17/2005	8:47:38 AM
1	10/17/2005	8:47:38 AM
1	10/17/2005	8:53:22 AM
1	10/17/2005	8:53:22 AM
1	10/17/2005	8:53:22 AM
1	10/17/2005	9:00:22 AM
1	10/17/2005	9:00:22 AM
1	10/17/2005	9:00:23 AM
1	10/17/2005	9:00:23 AM
1	10/17/2005	9:00:52 AM
1	10/17/2005	9:00:53 AM
1	10/17/2005	9:05:20 AM
1	10/17/2005	9:05:20 AM
1	10/17/2005	9:06:09 AM
1	10/17/2005	9:06:10 AM
1	10/17/2005	9:09:40 AM
1	10/17/2005	9:09:40 AM
1	10/17/2005	9:14:25 AM
1	10/17/2005	9:14:26 AM
1	10/17/2005	9:14:57 AM
1	10/17/2005	9:14:57 AM
1	10/17/2005	9:15:25 AM
1	10/17/2005	9:15:25 AM
1	10/17/2005	9:16:46 AM
1	10/17/2005	9:16:47 AM
1	10/17/2005	9:26:54 AM
1	10/17/2005	9:26:54 AM
1	10/17/2005	9:26:54 AM
1	10/17/2005	9:29:07 AM
1	10/17/2005	9:29:08 AM
1	10/17/2005	9:29:08 AM
1	10/17/2005	9:30:53 AM
1	10/17/2005	9:30:53 AM
1	10/17/2005	9:30:57 AM
1	10/17/2005	9:30:57 AM
1	10/17/2005	9:36:13 AM
1	10/17/2005	9:36:13 AM
1	10/17/2005	9:37:38 AM
1	10/17/2005	9:37:39 AM
1	10/17/2005	9:41:07 AM
1	10/17/2005	9:41:07 AM
1	10/17/2005	9:43:24 AM
1	10/17/2005	9:43:24 AM
1	10/17/2005	9:46:32 AM
1	10/17/2005	9:53:57 AM
1	10/17/2005	9:54:19 AM
1	10/17/2005	9:54:20 AM
1	10/17/2005	9:54:20 AM
1	10/17/2005	9:54:38 AM
1	10/17/2005	9:54:38 AM
1	10/17/2005	10:00:45 AM
1	10/17/2005	10:00:46 AM
1	10/17/2005	10:00:46 AM
1	10/17/2005	10:02:33 AM
1	10/17/2005	10:02:34 AM
1	10/17/2005	10:03:23 AM
1	10/17/2005	10:03:23 AM
1	10/17/2005	10:05:34 AM
1	10/17/2005	10:05:34 AM
1	10/17/2005	10:20:07 AM
1	10/17/2005	10:20:08 AM
1	10/17/2005	10:25:08 AM
1	10/17/2005	10:25:09 AM
1	10/17/2005	10:25:59 AM
1	10/17/2005	10:25:59 AM
1	10/17/2005	10:28:29 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	10:28:30 AM
1	10/17/2005	10:29:13 AM
1	10/17/2005	10:29:13 AM
1	10/17/2005	10:33:44 AM
1	10/17/2005	10:33:44 AM
1	10/17/2005	10:39:20 AM
1	10/17/2005	10:39:21 AM
1	10/17/2005	10:39:21 AM
1	10/17/2005	10:39:22 AM
1	10/17/2005	10:39:22 AM
1	10/17/2005	10:39:25 AM
1	10/17/2005	10:39:25 AM
1	10/17/2005	10:39:26 AM
1	10/17/2005	10:39:26 AM
1	10/17/2005	10:39:27 AM
1	10/17/2005	10:39:29 AM
1	10/17/2005	10:39:30 AM
1	10/17/2005	10:42:07 AM
1	10/17/2005	10:42:08 AM
1	10/17/2005	10:44:42 AM
1	10/17/2005	10:44:42 AM
1	10/17/2005	10:44:43 AM
1	10/17/2005	10:44:43 AM
1	10/17/2005	10:46:26 AM
1	10/17/2005	10:46:26 AM
1	10/17/2005	10:46:26 AM
1	10/17/2005	10:48:12 AM
1	10/17/2005	10:48:12 AM
1	10/17/2005	10:48:13 AM
1	10/17/2005	10:49:40 AM
1	10/17/2005	10:49:40 AM
1	10/17/2005	10:49:40 AM
1	10/17/2005	10:49:40 AM
1	10/17/2005	10:49:42 AM
1	10/17/2005	10:49:43 AM
1	10/17/2005	10:49:43 AM
1	10/17/2005	10:49:57 AM
1	10/17/2005	10:49:57 AM
1	10/17/2005	10:50:19 AM
1	10/17/2005	10:50:24 AM
1	10/17/2005	10:50:31 AM
1	10/17/2005	10:50:31 AM
1	10/17/2005	10:50:31 AM
1	10/17/2005	10:50:33 AM
1	10/17/2005	10:59:34 AM
1	10/17/2005	10:59:34 AM
1	10/17/2005	10:59:35 AM
1	10/17/2005	10:59:35 AM
1	10/17/2005	10:59:35 AM
1	10/17/2005	10:59:35 AM
1	10/17/2005	10:59:37 AM
1	10/17/2005	10:59:37 AM
1	10/17/2005	10:59:37 AM
1	10/17/2005	10:59:37 AM
1	10/17/2005	10:59:37 AM
1	10/17/2005	10:59:38 AM
1	10/17/2005	10:59:38 AM
1	10/17/2005	11:00:12 AM
1	10/17/2005	11:00:12 AM
1	10/17/2005	11:00:50 AM
1	10/17/2005	11:00:51 AM
1	10/17/2005	11:00:51 AM
1	10/17/2005	11:01:42 AM
1	10/17/2005	11:01:42 AM
1	10/17/2005	11:05:45 AM
1	10/17/2005	11:05:45 AM
1	10/17/2005	11:10:08 AM
1	10/17/2005	11:10:08 AM
1	10/17/2005	11:13:04 AM
1	10/17/2005	11:13:05 AM
1	10/17/2005	11:15:08 AM
1	10/17/2005	11:15:08 AM
1	10/17/2005	11:15:08 AM
1	10/17/2005	11:19:12 AM
1	10/17/2005	11:19:12 AM
1	10/17/2005	11:19:16 AM
1	10/17/2005	11:19:16 AM
1	10/17/2005	11:19:39 AM
1	10/17/2005	11:19:39 AM
1	10/17/2005	11:19:39 AM
1	10/17/2005	11:22:44 AM
1	10/17/2005	11:22:44 AM
1	10/17/2005	11:22:44 AM
1	10/17/2005	11:23:09 AM
1	10/17/2005	11:23:09 AM
1	10/17/2005	11:24:11 AM
1	10/17/2005	11:26:18 AM
1	10/17/2005	11:26:19 AM
1	10/17/2005	11:26:19 AM
1	10/17/2005	11:26:38 AM
1	10/17/2005	11:26:38 AM
1	10/17/2005	11:31:04 AM
1	10/17/2005	11:31:04 AM
1	10/17/2005	11:33:20 AM
1	10/17/2005	11:33:21 AM
1	10/17/2005	11:33:21 AM
1	10/17/2005	11:33:23 AM
1	10/17/2005	11:33:23 AM
1	10/17/2005	11:33:23 AM
1	10/17/2005	11:35:22 AM
1	10/17/2005	11:35:23 AM
1	10/17/2005	11:36:31 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	11:36:31 AM
1	10/17/2005	11:39:00 AM
1	10/17/2005	11:39:00 AM
1	10/17/2005	11:39:00 AM
1	10/17/2005	11:46:18 AM
1	10/17/2005	11:46:18 AM
1	10/17/2005	11:48:23 AM
1	10/17/2005	11:48:24 AM
1	10/17/2005	11:48:24 AM
1	10/17/2005	11:48:29 AM
1	10/17/2005	11:48:29 AM
1	10/17/2005	11:48:30 AM
1	10/17/2005	11:55:06 AM
1	10/17/2005	11:55:06 AM
1	10/17/2005	11:56:03 AM
1	10/17/2005	11:56:03 AM
1	10/17/2005	11:56:03 AM
1	10/17/2005	11:56:20 AM
1	10/17/2005	11:56:20 AM
1	10/17/2005	11:58:04 AM
1	10/17/2005	11:58:04 AM
1	10/17/2005	11:58:07 AM
1	10/17/2005	11:58:08 AM
1	10/17/2005	11:58:13 AM
1	10/17/2005	11:58:13 AM
1	10/17/2005	11:58:14 AM
1	10/17/2005	11:58:19 AM
1	10/17/2005	11:58:20 AM
1	10/17/2005	11:58:58 AM
1	10/17/2005	11:58:58 AM
1	10/17/2005	11:58:58 AM
1	10/17/2005	12:01:24 PM
1	10/17/2005	12:02:42 PM
1	10/17/2005	12:02:42 PM
1	10/17/2005	12:03:16 PM
1	10/17/2005	12:03:17 PM
1	10/17/2005	12:04:15 PM
1	10/17/2005	12:04:16 PM
1	10/17/2005	12:05:15 PM
1	10/17/2005	12:05:15 PM
1	10/17/2005	12:11:11 PM
1	10/17/2005	12:11:12 PM
1	10/17/2005	12:11:18 PM
1	10/17/2005	12:11:18 PM
1	10/17/2005	12:11:26 PM
1	10/17/2005	12:11:27 PM
1	10/17/2005	12:18:20 PM
1	10/17/2005	12:18:20 PM
1	10/17/2005	12:20:44 PM
1	10/17/2005	12:20:45 PM
1	10/17/2005	12:21:35 PM
1	10/17/2005	12:21:35 PM
1	10/17/2005	12:22:40 PM
1	10/17/2005	12:22:40 PM
1	10/17/2005	12:32:39 PM
1	10/17/2005	12:32:39 PM
1	10/17/2005	12:32:39 PM
1	10/17/2005	12:33:17 PM
1	10/17/2005	12:33:17 PM
1	10/17/2005	12:37:20 PM
1	10/17/2005	12:37:21 PM
1	10/17/2005	12:41:17 PM
1	10/17/2005	12:41:17 PM
1	10/17/2005	12:44:15 PM
1	10/17/2005	12:44:15 PM
1	10/17/2005	12:47:42 PM
1	10/17/2005	12:47:43 PM
1	10/17/2005	12:48:35 PM
1	10/17/2005	12:48:36 PM
1	10/17/2005	12:53:40 PM
1	10/17/2005	12:53:41 PM
1	10/17/2005	12:54:02 PM
1	10/17/2005	12:54:02 PM
1	10/17/2005	12:54:02 PM
1	10/17/2005	12:54:02 PM
1	10/17/2005	1:00:38 PM
1	10/17/2005	1:00:38 PM
1	10/17/2005	1:03:23 PM
1	10/17/2005	1:03:24 PM
1	10/17/2005	1:05:08 PM
1	10/17/2005	1:05:08 PM
1	10/17/2005	1:06:24 PM
1	10/17/2005	1:06:24 PM
1	10/17/2005	1:08:37 PM
1	10/17/2005	1:08:37 PM
1	10/17/2005	1:08:37 PM
1	10/17/2005	1:14:51 PM
1	10/17/2005	1:14:52 PM
1	10/17/2005	1:16:12 PM
1	10/17/2005	1:16:12 PM
1	10/17/2005	1:16:20 PM
1	10/17/2005	1:16:21 PM
1	10/17/2005	1:17:39 PM
1	10/17/2005	1:17:39 PM
1	10/17/2005	1:19:22 PM
1	10/17/2005	1:19:23 PM
1	10/17/2005	1:19:27 PM
1	10/17/2005	1:19:27 PM
1	10/17/2005	1:19:33 PM
1	10/17/2005	1:19:34 PM
1	10/17/2005	1:19:34 PM
1	10/17/2005	1:19:34 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	1:21:42 PM
1	10/17/2005	1:21:42 PM
1	10/17/2005	1:21:42 PM
1	10/17/2005	1:21:42 PM
1	10/17/2005	1:22:22 PM
1	10/17/2005	1:22:23 PM
1	10/17/2005	1:23:18 PM
1	10/17/2005	1:23:18 PM
1	10/17/2005	1:23:18 PM
1	10/17/2005	1:23:18 PM
1	10/17/2005	1:23:24 PM
1	10/17/2005	1:23:24 PM
1	10/17/2005	1:23:25 PM
1	10/17/2005	1:23:25 PM
1	10/17/2005	1:23:25 PM
1	10/17/2005	1:23:25 PM
1	10/17/2005	1:23:52 PM
1	10/17/2005	1:23:53 PM
1	10/17/2005	1:24:03 PM
1	10/17/2005	1:24:03 PM
1	10/17/2005	1:25:56 PM
1	10/17/2005	1:25:57 PM
1	10/17/2005	1:25:57 PM
1	10/17/2005	1:26:26 PM
1	10/17/2005	1:26:25 PM
1	10/17/2005	1:29:38 PM
1	10/17/2005	1:29:39 PM
1	10/17/2005	1:29:47 PM
1	10/17/2005	1:29:47 PM
1	10/17/2005	1:29:56 PM
1	10/17/2005	1:29:56 PM
1	10/17/2005	1:31:25 PM
1	10/17/2005	1:31:26 PM
1	10/17/2005	1:31:46 PM
1	10/17/2005	1:31:46 PM
1	10/17/2005	1:32:09 PM
1	10/17/2005	1:32:10 PM
1	10/17/2005	1:32:10 PM
1	10/17/2005	1:32:28 PM
1	10/17/2005	1:32:28 PM
1	10/17/2005	1:32:28 PM
1	10/17/2005	1:32:28 PM
1	10/17/2005	1:32:40 PM
1	10/17/2005	1:32:40 PM
1	10/17/2005	1:34:04 PM
1	10/17/2005	1:34:04 PM
1	10/17/2005	1:34:06 PM
1	10/17/2005	1:34:06 PM
1	10/17/2005	1:34:56 PM
1	10/17/2005	1:34:56 PM
1	10/17/2005	1:36:03 PM
1	10/17/2005	1:36:03 PM
1	10/17/2005	1:37:14 PM
1	10/17/2005	1:37:14 PM
1	10/17/2005	1:38:29 PM
1	10/17/2005	1:38:30 PM
1	10/17/2005	1:38:39 PM
1	10/17/2005	1:38:40 PM
1	10/17/2005	1:39:51 PM
1	10/17/2005	1:39:51 PM
1	10/17/2005	1:42:58 PM
1	10/17/2005	1:42:58 PM
1	10/17/2005	1:46:32 PM
1	10/17/2005	1:46:33 PM
1	10/17/2005	1:47:18 PM
1	10/17/2005	1:47:19 PM
1	10/17/2005	1:48:16 PM
1	10/17/2005	1:48:16 PM
1	10/17/2005	1:49:28 PM
1	10/17/2005	1:49:28 PM
1	10/17/2005	1:49:36 PM
1	10/17/2005	1:49:36 PM
1	10/17/2005	1:49:37 PM
1	10/17/2005	1:50:44 PM
1	10/17/2005	1:50:44 PM
1	10/17/2005	1:55:41 PM
1	10/17/2005	1:55:41 PM
1	10/17/2005	1:55:41 PM
1	10/17/2005	1:55:41 PM
1	10/17/2005	1:55:42 PM
1	10/17/2005	1:57:59 PM
1	10/17/2005	1:57:59 PM
1	10/17/2005	1:57:59 PM
1	10/17/2005	1:57:59 PM
1	10/17/2005	1:59:01 PM
1	10/17/2005	1:59:01 PM
1	10/17/2005	2:02:03 PM
1	10/17/2005	2:02:03 PM
1	10/17/2005	2:03:46 PM
1	10/17/2005	2:03:46 PM
1	10/17/2005	2:03:46 PM
1	10/17/2005	2:03:46 PM
1	10/17/2005	2:05:23 PM
1	10/17/2005	2:05:24 PM
1	10/17/2005	2:05:28 PM
1	10/17/2005	2:05:31 PM
1	10/17/2005	2:06:43 PM
1	10/17/2005	2:06:43 PM
1	10/17/2005	2:06:44 PM
1	10/17/2005	2:06:57 PM
1	10/17/2005	2:06:57 PM
1	10/17/2005	2:07:02 PM
1	10/17/2005	2:07:02 PM
1	10/17/2005	2:07:26 PM
1	10/17/2005	2:07:27 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	2:09:28 PM
1	10/17/2005	2:09:28 PM
1	10/17/2005	2:09:28 PM
1	10/17/2005	2:09:46 PM
1	10/17/2005	2:09:47 PM
1	10/17/2005	2:10:12 PM
1	10/17/2005	2:10:13 PM
1	10/17/2005	2:10:19 PM
1	10/17/2005	2:10:20 PM
1	10/17/2005	2:11:19 PM
1	10/17/2005	2:11:26 PM
1	10/17/2005	2:15:13 PM
1	10/17/2005	2:15:13 PM
1	10/17/2005	2:16:22 PM
1	10/17/2005	2:16:22 PM
1	10/17/2005	2:18:08 PM
1	10/17/2005	2:18:08 PM
1	10/17/2005	2:18:09 PM
1	10/17/2005	2:18:09 PM
1	10/17/2005	2:19:56 PM
1	10/17/2005	2:19:56 PM
1	10/17/2005	2:21:53 PM
1	10/17/2005	2:21:53 PM
1	10/17/2005	2:22:02 PM
1	10/17/2005	2:22:03 PM
1	10/17/2005	2:24:48 PM
1	10/17/2005	2:24:48 PM
1	10/17/2005	2:26:32 PM
1	10/17/2005	2:26:32 PM
1	10/17/2005	2:26:57 PM
1	10/17/2005	2:26:57 PM
1	10/17/2005	2:27:24 PM
1	10/17/2005	2:27:24 PM
1	10/17/2005	2:27:24 PM
1	10/17/2005	2:27:24 PM
1	10/17/2005	2:31:51 PM
1	10/17/2005	2:31:52 PM
1	10/17/2005	2:32:24 PM
1	10/17/2005	2:32:24 PM
1	10/17/2005	2:32:27 PM
1	10/17/2005	2:32:27 PM
1	10/17/2005	2:34:34 PM
1	10/17/2005	2:34:34 PM
1	10/17/2005	2:39:22 PM
1	10/17/2005	2:39:22 PM
1	10/17/2005	2:39:22 PM
1	10/17/2005	3:07:26 PM
1	10/17/2005	3:07:27 PM
1	10/17/2005	3:07:27 PM
1	10/17/2005	3:08:12 PM
1	10/17/2005	3:08:12 PM
1	10/17/2005	3:08:17 PM
1	10/17/2005	3:08:17 PM
1	10/17/2005	3:09:57 PM
1	10/17/2005	3:09:58 PM
1	10/17/2005	3:10:13 PM
1	10/17/2005	3:10:13 PM
1	10/17/2005	3:10:13 PM
1	10/17/2005	3:13:37 PM
1	10/17/2005	3:13:37 PM
1	10/17/2005	3:13:38 PM
1	10/17/2005	3:15:45 PM
1	10/17/2005	3:15:46 PM
1	10/17/2005	3:15:46 PM
1	10/17/2005	3:15:51 PM
1	10/17/2005	3:15:51 PM
1	10/17/2005	3:17:12 PM
1	10/17/2005	3:17:13 PM
1	10/17/2005	3:17:25 PM
1	10/17/2005	3:17:25 PM
1	10/17/2005	3:17:25 PM
1	10/17/2005	3:21:11 PM
1	10/17/2005	3:21:11 PM
1	10/17/2005	3:21:11 PM
1	10/17/2005	3:27:10 PM
1	10/17/2005	3:27:10 PM
1	10/17/2005	3:28:15 PM
1	10/17/2005	3:28:16 PM
1	10/17/2005	3:28:16 PM
1	10/17/2005	3:28:16 PM
1	10/17/2005	3:28:17 PM
1	10/17/2005	3:28:17 PM
1	10/17/2005	3:28:17 PM
1	10/17/2005	3:28:17 PM
1	10/17/2005	3:29:26 PM
1	10/17/2005	3:29:26 PM
1	10/17/2005	3:34:02 PM
1	10/17/2005	3:34:02 PM
1	10/17/2005	3:35:04 PM
1	10/17/2005	3:35:04 PM
1	10/17/2005	3:38:57 PM
1	10/17/2005	3:38:58 PM
1	10/17/2005	3:39:51 PM
1	10/17/2005	3:39:52 PM
1	10/17/2005	3:39:52 PM
1	10/17/2005	3:43:04 PM
1	10/17/2005	3:43:04 PM
1	10/17/2005	3:46:47 PM
1	10/17/2005	3:46:47 PM
1	10/17/2005	3:46:47 PM
1	10/17/2005	3:47:27 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	3:47:27 PM
1	10/17/2005	3:47:53 PM
1	10/17/2005	3:47:53 PM
1	10/17/2005	3:49:24 PM
1	10/17/2005	3:49:24 PM
1	10/17/2005	3:52:00 PM
1	10/17/2005	3:52:00 PM
1	10/17/2005	3:53:36 PM
1	10/17/2005	3:53:36 PM
1	10/17/2005	3:53:36 PM
1	10/17/2005	3:53:45 PM
1	10/17/2005	3:53:45 PM
1	10/17/2005	3:53:45 PM
1	10/17/2005	3:53:45 PM
1	10/17/2005	3:53:47 PM
1	10/17/2005	3:53:48 PM
1	10/17/2005	3:54:18 PM
1	10/17/2005	3:56:14 PM
1	10/17/2005	3:56:15 PM
1	10/17/2005	3:56:21 PM
1	10/17/2005	3:56:21 PM
1	10/17/2005	3:58:32 PM
1	10/17/2005	3:58:32 PM
1	10/17/2005	3:59:22 PM
1	10/17/2005	3:59:22 PM
1	10/17/2005	4:01:54 PM
1	10/17/2005	4:01:54 PM
1	10/17/2005	4:04:30 PM
1	10/17/2005	4:04:30 PM
1	10/17/2005	4:05:18 PM
1	10/17/2005	4:05:19 PM
1	10/17/2005	4:06:22 PM
1	10/17/2005	4:06:22 PM
1	10/17/2005	4:08:27 PM
1	10/17/2005	4:08:27 PM
1	10/17/2005	4:09:20 PM
1	10/17/2005	4:09:20 PM
1	10/17/2005	4:09:21 PM
1	10/17/2005	4:12:36 PM
1	10/17/2005	4:12:36 PM
1	10/17/2005	4:13:21 PM
1	10/17/2005	4:13:21 PM
1	10/17/2005	4:13:27 PM
1	10/17/2005	4:13:27 PM
1	10/17/2005	4:14:27 PM
1	10/17/2005	4:14:27 PM
1	10/17/2005	4:15:31 PM
1	10/17/2005	4:15:32 PM
1	10/17/2005	4:15:39 PM
1	10/17/2005	4:15:39 PM
1	10/17/2005	4:15:39 PM
1	10/17/2005	4:15:39 PM
1	10/17/2005	4:16:50 PM
1	10/17/2005	4:16:51 PM
1	10/17/2005	4:19:33 PM
1	10/17/2005	4:19:33 PM
1	10/17/2005	4:19:47 PM
1	10/17/2005	4:19:47 PM
1	10/17/2005	4:20:47 PM
1	10/17/2005	4:20:47 PM
1	10/17/2005	4:25:14 PM
1	10/17/2005	4:25:14 PM
1	10/17/2005	4:25:24 PM
1	10/17/2005	4:25:25 PM
1	10/17/2005	4:26:29 PM
1	10/17/2005	4:26:29 PM
1	10/17/2005	4:28:32 PM
1	10/17/2005	4:28:33 PM
1	10/17/2005	4:29:35 PM
1	10/17/2005	4:29:35 PM
1	10/17/2005	4:29:35 PM
1	10/17/2005	4:31:32 PM
1	10/17/2005	4:31:32 PM
1	10/17/2005	4:31:32 PM
1	10/17/2005	4:31:33 PM
1	10/17/2005	4:31:47 PM
1	10/17/2005	4:31:48 PM
1	10/17/2005	4:31:48 PM
1	10/17/2005	4:32:40 PM
1	10/17/2005	4:32:40 PM
1	10/17/2005	4:32:46 PM
1	10/17/2005	4:32:46 PM
1	10/17/2005	4:32:47 PM
1	10/17/2005	4:32:48 PM
1	10/17/2005	4:32:48 PM
1	10/17/2005	4:32:52 PM
1	10/17/2005	4:32:52 PM
1	10/17/2005	4:42:04 PM
1	10/17/2005	4:42:05 PM
1	10/17/2005	4:42:12 PM
1	10/17/2005	4:42:12 PM
1	10/17/2005	4:43:34 PM
1	10/17/2005	4:43:34 PM
1	10/17/2005	4:46:05 PM
1	10/17/2005	4:46:06 PM
1	10/17/2005	4:46:06 PM
1	10/17/2005	4:48:30 PM
1	10/17/2005	4:48:31 PM
1	10/17/2005	4:52:38 PM
1	10/17/2005	4:52:38 PM
1	10/17/2005	4:52:39 PM
1	10/17/2005	5:02:36 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/17/2005	5:02:36 PM
1	10/17/2005	5:02:36 PM
1	10/17/2005	5:06:28 PM
1	10/17/2005	5:06:28 PM
1	10/17/2005	5:07:09 PM
1	10/17/2005	5:07:09 PM
1	10/17/2005	5:07:09 PM
1	10/17/2005	5:09:32 PM
1	10/17/2005	5:09:33 PM
1	10/17/2005	5:15:40 PM
1	10/17/2005	5:15:40 PM
1	10/17/2005	5:15:40 PM
1	10/17/2005	5:18:29 PM
1	10/17/2005	5:18:29 PM
1	10/17/2005	5:19:13 PM
1	10/17/2005	5:19:13 PM
1	10/17/2005	5:19:37 PM
1	10/17/2005	5:19:37 PM
1	10/17/2005	5:21:41 PM
1	10/17/2005	5:21:41 PM
1	10/17/2005	5:22:03 PM
1	10/17/2005	5:22:05 PM
1	10/17/2005	5:22:05 PM
1	10/17/2005	5:29:02 PM
1	10/17/2005	5:29:03 PM
1	10/17/2005	5:30:49 PM
1	10/17/2005	5:30:49 PM
1	10/17/2005	5:30:51 PM
1	10/17/2005	5:30:51 PM
1	10/17/2005	5:34:13 PM
1	10/17/2005	5:34:14 PM
1	10/17/2005	5:40:32 PM
1	10/17/2005	5:40:32 PM
1	10/17/2005	5:40:32 PM
1	10/17/2005	5:41:37 PM
1	10/17/2005	5:41:37 PM
1	10/17/2005	5:43:23 PM
1	10/17/2005	5:43:23 PM
1	10/17/2005	5:44:27 PM
1	10/17/2005	5:44:28 PM
1	10/17/2005	5:48:17 PM
1	10/17/2005	5:48:17 PM
1	10/17/2005	5:50:36 PM
1	10/17/2005	5:50:36 PM
1	10/17/2005	5:59:15 PM
1	10/17/2005	5:59:16 PM
1	10/17/2005	6:01:19 PM
1	10/17/2005	6:01:19 PM
1	10/17/2005	6:11:03 PM
1	10/17/2005	6:11:04 PM
1	10/17/2005	6:16:49 PM
1	10/17/2005	6:16:49 PM
1	10/17/2005	6:16:49 PM
1	10/17/2005	6:25:37 PM
1	10/17/2005	6:25:37 PM
1	10/17/2005	6:25:47 PM
1	10/17/2005	6:25:47 PM
1	10/17/2005	6:25:47 PM
1	10/17/2005	6:25:47 PM
1	10/17/2005	6:29:48 PM
1	10/17/2005	6:29:48 PM
1	10/17/2005	6:40:39 PM
1	10/17/2005	6:40:40 PM
1	10/17/2005	6:50:04 PM
1	10/17/2005	6:50:05 PM
1	10/17/2005	6:55:40 PM
1	10/17/2005	6:55:40 PM
1	10/17/2005	6:55:40 PM
1	10/17/2005	7:04:03 PM
1	10/17/2005	7:04:03 PM
1	10/17/2005	7:09:41 PM
1	10/17/2005	7:09:41 PM
1	10/17/2005	7:09:42 PM
1	10/17/2005	7:22:47 PM
1	10/17/2005	7:22:47 PM
1	10/17/2005	7:22:47 PM
1	10/17/2005	7:29:42 PM
1	10/17/2005	7:29:43 PM
1	10/17/2005	7:40:37 PM
1	10/17/2005	7:40:37 PM
1	10/17/2005	8:06:25 PM
1	10/17/2005	8:06:25 PM
1	10/17/2005	8:06:25 PM
1	10/17/2005	8:07:00 PM
1	10/17/2005	8:07:01 PM
1	10/17/2005	8:26:53 PM
1	10/17/2005	8:26:53 PM
1	10/17/2005	8:31:52 PM
1	10/17/2005	8:31:52 PM
1	10/17/2005	8:33:00 PM
1	10/17/2005	8:33:00 PM
1	10/17/2005	8:33:00 PM
1	10/17/2005	8:36:37 PM
1	10/17/2005	8:36:38 PM
1	10/17/2005	8:37:42 PM
1	10/17/2005	8:37:43 PM
1	10/17/2005	9:04:05 PM
1	10/17/2005	9:04:05 PM
1	10/17/2005	9:22:55 PM
1	10/17/2005	9:22:55 PM
1	10/17/2005	9:23:41 PM

SITE 11 OCT 16-18 JAMAR 8

1 10/17/2005 9:23:45 PM
 1 10/17/2005 9:29:14 PM
 1 10/17/2005 9:29:14 PM
 1 10/17/2005 9:55:29 PM
 1 10/17/2005 9:55:29 PM
 1 10/17/2005 9:55:30 PM
 1 10/17/2005 9:55:30 PM
 1 10/17/2005 10:29:46 PM
 1 10/17/2005 10:29:46 PM
 1 10/17/2005 10:29:46 PM
 1 10/17/2005 11:03:20 PM
 1 10/17/2005 11:03:20 PM
 1 10/17/2005 11:03:34 PM
 1 10/17/2005 11:03:35 PM
 1 10/17/2005 11:03:35 PM
 1 10/17/2005 11:03:35 PM
 1 10/17/2005 11:04:47 PM
 1 10/17/2005 11:04:47 PM
 1 10/17/2005 11:04:47 PM
 1 10/17/2005 11:05:24 PM
 1 10/17/2005 11:05:24 PM
 1 10/17/2005 11:05:24 PM

767-1756 divide by 2 495 24 hrs

1 10/18/2005 12:14:58 AM
 1 10/18/2005 12:15:38 AM
 1 10/18/2005 12:15:38 AM
 1 10/18/2005 12:15:39 AM
 1 10/18/2005 12:19:26 AM
 1 10/18/2005 12:19:27 AM
 1 10/18/2005 12:21:04 AM
 1 10/18/2005 12:21:04 AM
 1 10/18/2005 2:00:17 AM
 1 10/18/2005 2:00:17 AM
 1 10/18/2005 2:00:17 AM
 1 10/18/2005 2:00:17 AM
 1 10/18/2005 3:55:50 AM
 1 10/18/2005 3:55:51 AM
 1 10/18/2005 4:52:25 AM
 1 10/18/2005 4:52:25 AM
 1 10/18/2005 4:52:26 AM
 1 10/18/2005 5:33:34 AM
 1 10/18/2005 5:33:34 AM
 1 10/18/2005 5:56:12 AM
 1 10/18/2005 5:56:12 AM
 1 10/18/2005 6:03:46 AM
 1 10/18/2005 6:03:46 AM
 1 10/18/2005 6:06:02 AM
 1 10/18/2005 6:06:02 AM
 1 10/18/2005 6:06:53 AM
 1 10/18/2005 6:06:53 AM
 1 10/18/2005 6:11:44 AM
 1 10/18/2005 6:11:44 AM
 1 10/18/2005 6:15:49 AM
 1 10/18/2005 6:15:49 AM
 1 10/18/2005 6:16:01 AM
 1 10/18/2005 6:16:02 AM
 1 10/18/2005 6:16:54 AM
 1 10/18/2005 6:16:54 AM
 1 10/18/2005 6:16:58 AM
 1 10/18/2005 6:16:59 AM
 1 10/18/2005 6:17:26 AM
 1 10/18/2005 6:17:26 AM
 1 10/18/2005 6:21:09 AM
 1 10/18/2005 6:21:10 AM
 1 10/18/2005 6:26:12 AM
 1 10/18/2005 6:26:12 AM
 1 10/18/2005 6:26:27 AM
 1 10/18/2005 6:26:27 AM
 1 10/18/2005 6:26:54 AM
 1 10/18/2005 6:26:54 AM
 1 10/18/2005 6:29:51 AM
 1 10/18/2005 6:29:51 AM
 1 10/18/2005 6:29:51 AM
 1 10/18/2005 6:32:53 AM
 1 10/18/2005 6:32:54 AM
 1 10/18/2005 6:33:24 AM
 1 10/18/2005 6:33:25 AM
 1 10/18/2005 6:33:54 AM
 1 10/18/2005 6:33:55 AM
 1 10/18/2005 6:34:44 AM
 1 10/18/2005 6:34:45 AM
 1 10/18/2005 6:34:55 AM
 1 10/18/2005 6:34:55 AM
 1 10/18/2005 6:36:06 AM
 1 10/18/2005 6:36:06 AM
 1 10/18/2005 6:36:07 AM
 1 10/18/2005 6:36:07 AM
 1 10/18/2005 6:36:08 AM
 1 10/18/2005 6:36:08 AM
 1 10/18/2005 6:36:11 AM
 1 10/18/2005 6:36:11 AM
 1 10/18/2005 6:36:35 AM
 1 10/18/2005 6:36:35 AM
 1 10/18/2005 6:39:04 AM
 1 10/18/2005 6:39:05 AM
 1 10/18/2005 6:39:11 AM
 1 10/18/2005 6:39:11 AM
 1 10/18/2005 6:42:17 AM
 1 10/18/2005 6:42:17 AM
 1 10/18/2005 6:42:37 AM
 1 10/18/2005 6:42:38 AM
 1 10/18/2005 6:43:04 AM

SITE 11 OCT 16-16 JAMAR 8

1	10/18/2005	6:43:04 AM
1	10/18/2005	6:43:04 AM
1	10/18/2005	6:43:14 AM
1	10/18/2005	6:43:14 AM
1	10/18/2005	6:43:15 AM
1	10/18/2005	6:45:31 AM
1	10/18/2005	6:45:32 AM
1	10/18/2005	6:46:26 AM
1	10/18/2005	6:46:26 AM
1	10/18/2005	6:46:29 AM
1	10/18/2005	6:46:29 AM
1	10/18/2005	6:47:20 AM
1	10/18/2005	6:47:20 AM
1	10/18/2005	6:47:21 AM
1	10/18/2005	6:47:24 AM
1	10/18/2005	6:47:24 AM
1	10/18/2005	6:47:25 AM
1	10/18/2005	6:47:25 AM
1	10/18/2005	6:47:43 AM
1	10/18/2005	6:47:44 AM
1	10/18/2005	6:47:56 AM
1	10/18/2005	6:47:56 AM
1	10/18/2005	6:48:11 AM
1	10/18/2005	6:48:12 AM
1	10/18/2005	6:48:41 AM
1	10/18/2005	6:48:41 AM
1	10/18/2005	6:48:42 AM
1	10/18/2005	6:48:42 AM
1	10/18/2005	6:48:45 AM
1	10/18/2005	6:48:45 AM
1	10/18/2005	6:48:48 AM
1	10/18/2005	6:48:49 AM
1	10/18/2005	6:48:52 AM
1	10/18/2005	6:48:52 AM
1	10/18/2005	6:48:52 AM
1	10/18/2005	6:48:52 AM
1	10/18/2005	6:49:29 AM
1	10/18/2005	6:49:29 AM
1	10/18/2005	6:49:29 AM
1	10/18/2005	6:50:09 AM
1	10/18/2005	6:50:09 AM
1	10/18/2005	6:50:20 AM
1	10/18/2005	6:50:20 AM
1	10/18/2005	6:50:30 AM
1	10/18/2005	6:50:31 AM
1	10/18/2005	6:50:39 AM
1	10/18/2005	6:50:39 AM
1	10/18/2005	6:50:41 AM
1	10/18/2005	6:50:42 AM
1	10/18/2005	6:50:45 AM
1	10/18/2005	6:50:45 AM
1	10/18/2005	6:51:09 AM
1	10/18/2005	6:51:10 AM
1	10/18/2005	6:52:08 AM
1	10/18/2005	6:52:08 AM
1	10/18/2005	6:52:08 AM
1	10/18/2005	6:52:08 AM
1	10/18/2005	6:52:13 AM
1	10/18/2005	6:52:13 AM
1	10/18/2005	6:52:14 AM
1	10/18/2005	6:52:26 AM
1	10/18/2005	6:52:26 AM
1	10/18/2005	6:52:44 AM
1	10/18/2005	6:52:45 AM
1	10/18/2005	6:53:29 AM
1	10/18/2005	6:53:29 AM
1	10/18/2005	6:54:48 AM
1	10/18/2005	6:54:48 AM
1	10/18/2005	6:55:30 AM
1	10/18/2005	6:55:30 AM
1	10/18/2005	6:55:34 AM
1	10/18/2005	6:55:35 AM
1	10/18/2005	6:55:54 AM
1	10/18/2005	6:55:54 AM
1	10/18/2005	6:55:54 AM
1	10/18/2005	6:55:54 AM
1	10/18/2005	6:55:58 AM
1	10/18/2005	6:55:59 AM
1	10/18/2005	6:56:03 AM
1	10/18/2005	6:56:03 AM
1	10/18/2005	6:57:50 AM
1	10/18/2005	6:57:50 AM
1	10/18/2005	6:57:51 AM
1	10/18/2005	6:57:51 AM
1	10/18/2005	7:00:02 AM
1	10/18/2005	7:00:02 AM
1	10/18/2005	7:00:34 AM
1	10/18/2005	7:00:35 AM
1	10/18/2005	7:00:35 AM
1	10/18/2005	7:00:48 AM
1	10/18/2005	7:00:48 AM
1	10/18/2005	7:00:48 AM
1	10/18/2005	7:00:48 AM
1	10/18/2005	7:01:01 AM
1	10/18/2005	7:01:02 AM
1	10/18/2005	7:01:22 AM
1	10/18/2005	7:01:22 AM
1	10/18/2005	7:01:27 AM
1	10/18/2005	7:01:28 AM
1	10/18/2005	7:01:29 AM
1	10/18/2005	7:01:30 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	7:02:36 AM
1	10/18/2005	7:02:37 AM
1	10/18/2005	7:03:13 AM
1	10/18/2005	7:03:13 AM
1	10/18/2005	7:03:51 AM
1	10/18/2005	7:03:52 AM
1	10/18/2005	7:07:21 AM
1	10/18/2005	7:07:21 AM
1	10/18/2005	7:11:40 AM
1	10/18/2005	7:11:40 AM
1	10/18/2005	7:18:31 AM
1	10/18/2005	7:18:31 AM
1	10/18/2005	7:20:51 AM
1	10/18/2005	7:20:51 AM
1	10/18/2005	7:20:51 AM
1	10/18/2005	7:28:33 AM
1	10/18/2005	7:28:33 AM
1	10/18/2005	7:32:20 AM
1	10/18/2005	7:32:20 AM
1	10/18/2005	7:32:20 AM
1	10/18/2005	7:37:04 AM
1	10/18/2005	7:37:04 AM
1	10/18/2005	7:37:52 AM
1	10/18/2005	7:37:53 AM
1	10/18/2005	7:38:27 AM
1	10/18/2005	7:38:27 AM
1	10/18/2005	7:38:27 AM
1	10/18/2005	7:39:55 AM
1	10/18/2005	7:39:55 AM
1	10/18/2005	7:39:55 AM
1	10/18/2005	7:39:55 AM
1	10/18/2005	7:39:56 AM
1	10/18/2005	7:39:56 AM
1	10/18/2005	7:39:56 AM
1	10/18/2005	7:39:56 AM
1	10/18/2005	7:39:56 AM
1	10/18/2005	7:40:33 AM
1	10/18/2005	7:40:34 AM
1	10/18/2005	7:40:40 AM
1	10/18/2005	7:40:40 AM
1	10/18/2005	7:46:42 AM
1	10/18/2005	7:46:42 AM
1	10/18/2005	7:49:59 AM
1	10/18/2005	7:49:59 AM
1	10/18/2005	7:50:00 AM
1	10/18/2005	7:54:46 AM
1	10/18/2005	7:54:47 AM
1	10/18/2005	7:57:16 AM
1	10/18/2005	7:57:16 AM
1	10/18/2005	7:59:13 AM
1	10/18/2005	7:59:13 AM
1	10/18/2005	8:00:00 AM
1	10/18/2005	8:00:01 AM
1	10/18/2005	8:00:01 AM
1	10/18/2005	8:01:24 AM
1	10/18/2005	8:01:25 AM
1	10/18/2005	8:02:11 AM
1	10/18/2005	8:02:12 AM
1	10/18/2005	8:02:12 AM
1	10/18/2005	8:05:38 AM
1	10/18/2005	8:05:39 AM
1	10/18/2005	8:05:39 AM
1	10/18/2005	8:06:44 AM
1	10/18/2005	8:06:44 AM
1	10/18/2005	8:06:45 AM
1	10/18/2005	8:08:56 AM
1	10/18/2005	8:08:56 AM
1	10/18/2005	8:15:23 AM
1	10/18/2005	8:15:24 AM
1	10/18/2005	8:19:53 AM
1	10/18/2005	8:19:54 AM
1	10/18/2005	8:19:54 AM
1	10/18/2005	8:21:00 AM
1	10/18/2005	8:21:00 AM
1	10/18/2005	8:21:00 AM
1	10/18/2005	8:22:12 AM
1	10/18/2005	8:22:12 AM
1	10/18/2005	8:27:07 AM
1	10/18/2005	8:27:08 AM
1	10/18/2005	8:28:20 AM
1	10/18/2005	8:28:21 AM
1	10/18/2005	8:28:30 AM
1	10/18/2005	8:28:31 AM
1	10/18/2005	8:28:31 AM
1	10/18/2005	8:28:48 AM
1	10/18/2005	8:28:48 AM
1	10/18/2005	8:29:37 AM
1	10/18/2005	8:29:37 AM
1	10/18/2005	8:31:17 AM
1	10/18/2005	8:31:17 AM
1	10/18/2005	8:33:21 AM
1	10/18/2005	8:33:21 AM
1	10/18/2005	8:33:21 AM
1	10/18/2005	8:33:22 AM
1	10/18/2005	8:33:22 AM
1	10/18/2005	8:35:27 AM
1	10/18/2005	8:35:27 AM
1	10/18/2005	8:35:27 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	8:36:36 AM
1	10/18/2005	8:36:36 AM
1	10/18/2005	8:42:05 AM
1	10/18/2005	8:42:05 AM
1	10/18/2005	8:42:05 AM
1	10/18/2005	8:42:05 AM
1	10/18/2005	8:42:05 AM
1	10/18/2005	8:42:05 AM
1	10/18/2005	8:45:01 AM
1	10/18/2005	8:45:01 AM
1	10/18/2005	8:47:04 AM
1	10/18/2005	8:47:04 AM
1	10/18/2005	8:50:38 AM
1	10/18/2005	8:50:38 AM
1	10/18/2005	8:50:38 AM
1	10/18/2005	8:50:38 AM
1	10/18/2005	8:51:07 AM
1	10/18/2005	8:51:07 AM
1	10/18/2005	8:53:08 AM
1	10/18/2005	8:53:08 AM
1	10/18/2005	8:53:08 AM
1	10/18/2005	8:53:08 AM
1	10/18/2005	8:53:09 AM
1	10/18/2005	8:53:10 AM
1	10/18/2005	8:55:25 AM
1	10/18/2005	8:55:26 AM
1	10/18/2005	8:56:42 AM
1	10/18/2005	8:56:42 AM
1	10/18/2005	8:58:53 AM
1	10/18/2005	8:58:53 AM
1	10/18/2005	9:02:21 AM
1	10/18/2005	9:02:21 AM
1	10/18/2005	9:02:28 AM
1	10/18/2005	9:02:28 AM
1	10/18/2005	9:02:50 AM
1	10/18/2005	9:02:51 AM
1	10/18/2005	9:03:09 AM
1	10/18/2005	9:03:09 AM
1	10/18/2005	9:03:10 AM
1	10/18/2005	9:05:20 AM
1	10/18/2005	9:05:20 AM
1	10/18/2005	9:05:20 AM
1	10/18/2005	9:14:55 AM
1	10/18/2005	9:14:55 AM
1	10/18/2005	9:15:32 AM
1	10/18/2005	9:15:33 AM
1	10/18/2005	9:16:16 AM
1	10/18/2005	9:16:17 AM
1	10/18/2005	9:18:55 AM
1	10/18/2005	9:18:55 AM
1	10/18/2005	9:18:56 AM
1	10/18/2005	9:18:56 AM
1	10/18/2005	9:22:44 AM
1	10/18/2005	9:22:44 AM
1	10/18/2005	9:25:26 AM
1	10/18/2005	9:25:27 AM
1	10/18/2005	9:44:45 AM
1	10/18/2005	9:44:45 AM
1	10/18/2005	9:44:45 AM
1	10/18/2005	9:50:51 AM
1	10/18/2005	9:50:51 AM
1	10/18/2005	9:51:00 AM
1	10/18/2005	9:51:01 AM
1	10/18/2005	9:52:33 AM
1	10/18/2005	9:52:33 AM
1	10/18/2005	9:53:30 AM
1	10/18/2005	9:53:30 AM
1	10/18/2005	9:53:31 AM
1	10/18/2005	9:53:31 AM
1	10/18/2005	9:56:20 AM
1	10/18/2005	9:56:20 AM
1	10/18/2005	9:56:20 AM
1	10/18/2005	9:56:22 AM
1	10/18/2005	9:56:23 AM
1	10/18/2005	9:56:23 AM
1	10/18/2005	9:56:31 AM
1	10/18/2005	9:56:31 AM
1	10/18/2005	9:57:37 AM
1	10/18/2005	9:57:37 AM
1	10/18/2005	10:03:08 AM
1	10/18/2005	10:03:08 AM
1	10/18/2005	10:08:15 AM
1	10/18/2005	10:08:16 AM
1	10/18/2005	10:10:38 AM
1	10/18/2005	10:10:38 AM
1	10/18/2005	10:10:39 AM
1	10/18/2005	10:10:39 AM
1	10/18/2005	10:10:39 AM
1	10/18/2005	10:10:39 AM
1	10/18/2005	10:11:34 AM
1	10/18/2005	10:11:34 AM
1	10/18/2005	10:15:10 AM
1	10/18/2005	10:15:10 AM
1	10/18/2005	10:18:49 AM
1	10/18/2005	10:18:50 AM
1	10/18/2005	10:18:50 AM
1	10/18/2005	10:20:08 AM
1	10/18/2005	10:20:09 AM
1	10/18/2005	10:21:07 AM
1	10/18/2005	10:21:07 AM
1	10/18/2005	10:26:02 AM
1	10/18/2005	10:26:02 AM
1	10/18/2005	10:27:11 AM
1	10/18/2005	10:27:12 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	10:27:59 AM
1	10/18/2005	10:27:59 AM
1	10/18/2005	10:27:59 AM
1	10/18/2005	10:30:21 AM
1	10/18/2005	10:30:21 AM
1	10/18/2005	10:30:21 AM
1	10/18/2005	10:30:22 AM
1	10/18/2005	10:30:22 AM
1	10/18/2005	10:30:23 AM
1	10/18/2005	10:30:23 AM
1	10/18/2005	10:30:25 AM
1	10/18/2005	10:30:26 AM
1	10/18/2005	10:35:57 AM
1	10/18/2005	10:35:58 AM
1	10/18/2005	10:37:26 AM
1	10/18/2005	10:37:26 AM
1	10/18/2005	10:37:26 AM
1	10/18/2005	10:37:26 AM
1	10/18/2005	10:37:35 AM
1	10/18/2005	10:37:35 AM
1	10/18/2005	10:37:35 AM
1	10/18/2005	10:38:07 AM
1	10/18/2005	10:38:07 AM
1	10/18/2005	10:38:07 AM
1	10/18/2005	10:39:49 AM
1	10/18/2005	10:39:49 AM
1	10/18/2005	10:52:16 AM
1	10/18/2005	10:52:17 AM
1	10/18/2005	10:52:27 AM
1	10/18/2005	10:52:45 AM
1	10/18/2005	10:52:56 AM
1	10/18/2005	10:52:58 AM
1	10/18/2005	10:53:00 AM
1	10/18/2005	10:53:02 AM
1	10/18/2005	10:58:39 AM
1	10/18/2005	10:58:40 AM
1	10/18/2005	11:12:03 AM
1	10/18/2005	11:12:03 AM
1	10/18/2005	11:18:27 AM
1	10/18/2005	11:18:28 AM
1	10/18/2005	11:32:28 AM
1	10/18/2005	11:32:29 AM
1	10/18/2005	11:36:03 AM
1	10/18/2005	11:36:03 AM
1	10/18/2005	11:36:03 AM
1	10/18/2005	11:45:26 AM
1	10/18/2005	11:45:26 AM
1	10/18/2005	11:45:28 AM
1	10/18/2005	11:49:19 AM
1	10/18/2005	11:54:53 AM
1	10/18/2005	11:54:53 AM
1	10/18/2005	11:54:54 AM
1	10/18/2005	11:54:54 AM
1	10/18/2005	11:54:59 AM
1	10/18/2005	11:54:59 AM
1	10/18/2005	11:54:59 AM
1	10/18/2005	12:00:40 PM
1	10/18/2005	12:00:40 PM
1	10/18/2005	12:00:44 PM
1	10/18/2005	12:00:44 PM
1	10/18/2005	12:01:32 PM
1	10/18/2005	12:01:32 PM
1	10/18/2005	12:01:33 PM
1	10/18/2005	12:01:33 PM
1	10/18/2005	12:02:26 PM
1	10/18/2005	12:02:26 PM
1	10/18/2005	12:02:26 PM
1	10/18/2005	12:02:26 PM
1	10/18/2005	12:02:51 PM
1	10/18/2005	12:02:51 PM
1	10/18/2005	12:03:09 PM
1	10/18/2005	12:03:09 PM
1	10/18/2005	12:03:10 PM
1	10/18/2005	12:03:10 PM
1	10/18/2005	12:03:11 PM
1	10/18/2005	12:03:11 PM
1	10/18/2005	12:03:32 PM
1	10/18/2005	12:03:33 PM
1	10/18/2005	12:03:33 PM
1	10/18/2005	12:03:33 PM
1	10/18/2005	12:03:33 PM
1	10/18/2005	12:03:34 PM
1	10/18/2005	12:03:42 PM
1	10/18/2005	12:03:42 PM
1	10/18/2005	12:03:42 PM
1	10/18/2005	12:04:09 PM
1	10/18/2005	12:04:10 PM
1	10/18/2005	12:04:32 PM
1	10/18/2005	12:04:32 PM
1	10/18/2005	12:04:32 PM
1	10/18/2005	12:04:32 PM
1	10/18/2005	12:07:21 PM
1	10/18/2005	12:10:16 PM
1	10/18/2005	12:10:17 PM
1	10/18/2005	12:11:44 PM
1	10/18/2005	12:11:44 PM
1	10/18/2005	12:12:06 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	12:12:07 PM
1	10/18/2005	12:17:36 PM
1	10/18/2005	12:17:36 PM
1	10/18/2005	12:17:36 PM
1	10/18/2005	12:17:36 PM
1	10/18/2005	12:17:36 PM
1	10/18/2005	12:20:59 PM
1	10/18/2005	12:20:59 PM
1	10/18/2005	12:22:02 PM
1	10/18/2005	12:22:03 PM
1	10/18/2005	12:22:26 PM
1	10/18/2005	12:22:28 PM
1	10/18/2005	12:31:57 PM
1	10/18/2005	12:31:57 PM
1	10/18/2005	12:37:25 PM
1	10/18/2005	12:37:25 PM
1	10/18/2005	12:37:51 PM
1	10/18/2005	12:37:51 PM
1	10/18/2005	12:37:51 PM
1	10/18/2005	12:43:07 PM
1	10/18/2005	12:43:07 PM
1	10/18/2005	12:49:18 PM
1	10/18/2005	12:49:18 PM
1	10/18/2005	12:50:23 PM
1	10/18/2005	12:50:23 PM
1	10/18/2005	12:50:24 PM
1	10/18/2005	12:52:32 PM
1	10/18/2005	12:52:32 PM
1	10/18/2005	12:54:26 PM
1	10/18/2005	12:54:26 PM
1	10/18/2005	12:56:18 PM
1	10/18/2005	12:56:18 PM
1	10/18/2005	1:04:49 PM
1	10/18/2005	1:04:49 PM
1	10/18/2005	1:13:25 PM
1	10/18/2005	1:13:25 PM
1	10/18/2005	1:14:24 PM
1	10/18/2005	1:14:24 PM
1	10/18/2005	1:17:13 PM
1	10/18/2005	1:17:13 PM
1	10/18/2005	1:17:13 PM
1	10/18/2005	1:18:06 PM
1	10/18/2005	1:18:06 PM
1	10/18/2005	1:18:06 PM
1	10/18/2005	1:20:13 PM
1	10/18/2005	1:20:14 PM
1	10/18/2005	1:20:18 PM
1	10/18/2005	1:20:19 PM
1	10/18/2005	1:20:27 PM
1	10/18/2005	1:20:27 PM
1	10/18/2005	1:21:12 PM
1	10/18/2005	1:21:12 PM
1	10/18/2005	1:21:15 PM
1	10/18/2005	1:21:15 PM
1	10/18/2005	1:21:15 PM
1	10/18/2005	1:21:55 PM
1	10/18/2005	1:21:56 PM
1	10/18/2005	1:22:00 PM
1	10/18/2005	1:22:00 PM
1	10/18/2005	1:22:57 PM
1	10/18/2005	1:22:57 PM
1	10/18/2005	1:24:12 PM
1	10/18/2005	1:24:12 PM
1	10/18/2005	1:25:01 PM
1	10/18/2005	1:25:01 PM
1	10/18/2005	1:25:27 PM
1	10/18/2005	1:25:27 PM
1	10/18/2005	1:30:13 PM
1	10/18/2005	1:30:13 PM
1	10/18/2005	1:30:51 PM
1	10/18/2005	1:30:52 PM
1	10/18/2005	1:31:35 PM
1	10/18/2005	1:31:36 PM
1	10/18/2005	1:33:06 PM
1	10/18/2005	1:33:06 PM
1	10/18/2005	1:33:09 PM
1	10/18/2005	1:33:09 PM
1	10/18/2005	1:33:16 PM
1	10/18/2005	1:33:17 PM
1	10/18/2005	1:33:17 PM
1	10/18/2005	1:33:36 PM
1	10/18/2005	1:33:36 PM
1	10/18/2005	1:37:06 PM
1	10/18/2005	1:37:06 PM
1	10/18/2005	1:38:03 PM
1	10/18/2005	1:38:03 PM
1	10/18/2005	1:38:32 PM
1	10/18/2005	1:38:32 PM
1	10/18/2005	1:40:00 PM
1	10/18/2005	1:40:01 PM
1	10/18/2005	1:40:39 PM
1	10/18/2005	1:40:39 PM
1	10/18/2005	1:40:39 PM
1	10/18/2005	1:42:00 PM
1	10/18/2005	1:42:01 PM
1	10/18/2005	1:43:24 PM
1	10/18/2005	1:43:24 PM
1	10/18/2005	1:43:24 PM
1	10/18/2005	1:43:24 PM
1	10/18/2005	1:45:40 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	1:45:40 PM
1	10/18/2005	1:48:50 PM
1	10/18/2005	1:48:50 PM
1	10/18/2005	1:50:28 PM
1	10/18/2005	1:50:28 PM
1	10/18/2005	1:50:28 PM
1	10/18/2005	1:51:43 PM
1	10/18/2005	1:51:43 PM
1	10/18/2005	1:53:34 PM
1	10/18/2005	1:53:34 PM
1	10/18/2005	1:54:15 PM
1	10/18/2005	1:54:15 PM
1	10/18/2005	1:54:49 PM
1	10/18/2005	1:54:49 PM
1	10/18/2005	1:55:38 PM
1	10/18/2005	1:55:38 PM
1	10/18/2005	1:56:05 PM
1	10/18/2005	1:56:05 PM
1	10/18/2005	1:57:53 PM
1	10/18/2005	1:57:53 PM
1	10/18/2005	1:57:54 PM
1	10/18/2005	2:01:50 PM
1	10/18/2005	2:01:51 PM
1	10/18/2005	2:03:18 PM
1	10/18/2005	2:03:19 PM
1	10/18/2005	2:05:20 PM
1	10/18/2005	2:05:20 PM
1	10/18/2005	2:05:21 PM
1	10/18/2005	2:05:21 PM
1	10/18/2005	2:08:08 PM
1	10/18/2005	2:08:08 PM
1	10/18/2005	2:12:13 PM
1	10/18/2005	2:12:13 PM
1	10/18/2005	2:12:37 PM
1	10/18/2005	2:12:37 PM
1	10/18/2005	2:14:12 PM
1	10/18/2005	2:14:12 PM
1	10/18/2005	2:14:50 PM
1	10/18/2005	2:14:51 PM
1	10/18/2005	2:14:51 PM
1	10/18/2005	2:15:03 PM
1	10/18/2005	2:15:03 PM
1	10/18/2005	2:15:57 PM
1	10/18/2005	2:15:57 PM
1	10/18/2005	2:15:57 PM
1	10/18/2005	2:15:57 PM
1	10/18/2005	2:21:17 PM
1	10/18/2005	2:21:18 PM
1	10/18/2005	2:21:45 PM
1	10/18/2005	2:21:45 PM
1	10/18/2005	2:21:45 PM
1	10/18/2005	2:25:51 PM
1	10/18/2005	2:25:51 PM
1	10/18/2005	2:26:36 PM
1	10/18/2005	2:26:36 PM
1	10/18/2005	2:27:53 PM
1	10/18/2005	2:27:53 PM
1	10/18/2005	2:27:53 PM
1	10/18/2005	2:27:53 PM
1	10/18/2005	2:28:31 PM
1	10/18/2005	2:28:31 PM
1	10/18/2005	2:29:12 PM
1	10/18/2005	2:29:12 PM
1	10/18/2005	2:32:02 PM
1	10/18/2005	2:32:02 PM
1	10/18/2005	2:32:12 PM
1	10/18/2005	2:32:12 PM
1	10/18/2005	2:32:45 PM
1	10/18/2005	2:32:45 PM
1	10/18/2005	2:33:01 PM
1	10/18/2005	2:33:01 PM
1	10/18/2005	2:34:36 PM
1	10/18/2005	2:34:36 PM
1	10/18/2005	2:35:14 PM
1	10/18/2005	2:35:14 PM
1	10/18/2005	2:35:47 PM
1	10/18/2005	2:35:47 PM
1	10/18/2005	2:35:47 PM
1	10/18/2005	2:35:47 PM
1	10/18/2005	2:37:12 PM
1	10/18/2005	2:37:12 PM
1	10/18/2005	2:37:13 PM
1	10/18/2005	2:38:14 PM
1	10/18/2005	2:38:14 PM
1	10/18/2005	2:38:59 PM
1	10/18/2005	2:38:59 PM
1	10/18/2005	2:41:09 PM
1	10/18/2005	2:41:10 PM
1	10/18/2005	2:41:10 PM
1	10/18/2005	2:42:04 PM
1	10/18/2005	2:42:04 PM
1	10/18/2005	2:42:05 PM
1	10/18/2005	2:42:05 PM
1	10/18/2005	2:43:59 PM
1	10/18/2005	2:43:59 PM
1	10/18/2005	2:44:00 PM
1	10/18/2005	2:44:00 PM
1	10/18/2005	2:46:28 PM
1	10/18/2005	2:46:28 PM
1	10/18/2005	2:46:28 PM
1	10/18/2005	2:53:25 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	2:53:25 PM
1	10/18/2005	2:56:13 PM
1	10/18/2005	2:56:13 PM
1	10/18/2005	3:03:16 PM
1	10/18/2005	3:03:16 PM
1	10/18/2005	3:03:16 PM
1	10/18/2005	3:03:16 PM
1	10/18/2005	3:05:00 PM
1	10/18/2005	3:05:00 PM
1	10/18/2005	3:05:00 PM
1	10/18/2005	3:07:14 PM
1	10/18/2005	3:07:14 PM
1	10/18/2005	3:07:15 PM
1	10/18/2005	3:07:15 PM
1	10/18/2005	3:08:47 PM
1	10/18/2005	3:08:47 PM
1	10/18/2005	3:08:47 PM
1	10/18/2005	3:13:12 PM
1	10/18/2005	3:13:12 PM
1	10/18/2005	3:20:46 PM
1	10/18/2005	3:20:46 PM
1	10/18/2005	3:20:46 PM
1	10/18/2005	3:20:46 PM
1	10/18/2005	3:24:14 PM
1	10/18/2005	3:24:14 PM
1	10/18/2005	3:26:27 PM
1	10/18/2005	3:26:27 PM
1	10/18/2005	3:26:34 PM
1	10/18/2005	3:26:34 PM
1	10/18/2005	3:28:20 PM
1	10/18/2005	3:28:20 PM
1	10/18/2005	3:29:47 PM
1	10/18/2005	3:29:47 PM
1	10/18/2005	3:29:48 PM
1	10/18/2005	3:29:48 PM
1	10/18/2005	3:30:55 PM
1	10/18/2005	3:30:55 PM
1	10/18/2005	3:30:55 PM
1	10/18/2005	3:31:25 PM
1	10/18/2005	3:31:25 PM
1	10/18/2005	3:33:01 PM
1	10/18/2005	3:33:02 PM
1	10/18/2005	3:33:06 PM
1	10/18/2005	3:33:06 PM
1	10/18/2005	3:34:49 PM
1	10/18/2005	3:34:49 PM
1	10/18/2005	3:34:49 PM
1	10/18/2005	3:40:26 PM
1	10/18/2005	3:40:26 PM
1	10/18/2005	3:43:35 PM
1	10/18/2005	3:43:36 PM
1	10/18/2005	3:44:07 PM
1	10/18/2005	3:44:07 PM
1	10/18/2005	3:44:07 PM
1	10/18/2005	3:44:07 PM
1	10/18/2005	3:44:29 PM
1	10/18/2005	3:44:29 PM
1	10/18/2005	3:45:59 PM
1	10/18/2005	3:48:00 PM
1	10/18/2005	3:48:04 PM
1	10/18/2005	3:48:04 PM
1	10/18/2005	3:51:50 PM
1	10/18/2005	3:51:50 PM
1	10/18/2005	3:52:43 PM
1	10/18/2005	3:52:47 PM
1	10/18/2005	3:52:47 PM
1	10/18/2005	3:53:18 PM
1	10/18/2005	3:54:17 PM
1	10/18/2005	3:54:17 PM
1	10/18/2005	3:57:36 PM
1	10/18/2005	3:57:36 PM
1	10/18/2005	3:57:44 PM
1	10/18/2005	3:57:44 PM
1	10/18/2005	3:58:22 PM
1	10/18/2005	3:58:22 PM
1	10/18/2005	3:58:22 PM
1	10/18/2005	4:00:31 PM
1	10/18/2005	4:00:31 PM
1	10/18/2005	4:01:40 PM
1	10/18/2005	4:01:40 PM
1	10/18/2005	4:02:17 PM
1	10/18/2005	4:02:17 PM
1	10/18/2005	4:02:18 PM
1	10/18/2005	4:02:18 PM
1	10/18/2005	4:02:20 PM
1	10/18/2005	4:02:20 PM
1	10/18/2005	4:02:25 PM
1	10/18/2005	4:02:26 PM
1	10/18/2005	4:02:30 PM
1	10/18/2005	4:02:30 PM
1	10/18/2005	4:03:54 PM
1	10/18/2005	4:03:55 PM
1	10/18/2005	4:05:02 PM
1	10/18/2005	4:05:02 PM
1	10/18/2005	4:05:26 PM
1	10/18/2005	4:05:26 PM
1	10/18/2005	4:11:54 PM
1	10/18/2005	4:11:55 PM
1	10/18/2005	4:13:13 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	4:13:13 PM
1	10/18/2005	4:13:14 PM
1	10/18/2005	4:13:14 PM
1	10/18/2005	4:16:24 PM
1	10/18/2005	4:16:25 PM
1	10/18/2005	4:17:46 PM
1	10/18/2005	4:17:46 PM
1	10/18/2005	4:18:04 PM
1	10/18/2005	4:18:04 PM
1	10/18/2005	4:18:04 PM
1	10/18/2005	4:23:22 PM
1	10/18/2005	4:23:23 PM
1	10/18/2005	4:23:23 PM
1	10/18/2005	4:23:39 PM
1	10/18/2005	4:23:39 PM
1	10/18/2005	4:26:38 PM
1	10/18/2005	4:26:39 PM
1	10/18/2005	4:28:13 PM
1	10/18/2005	4:28:13 PM
1	10/18/2005	4:32:54 PM
1	10/18/2005	4:32:55 PM
1	10/18/2005	4:33:08 PM
1	10/18/2005	4:33:08 PM
1	10/18/2005	4:33:08 PM
1	10/18/2005	4:37:10 PM
1	10/18/2005	4:37:10 PM
1	10/18/2005	4:37:10 PM
1	10/18/2005	4:37:56 PM
1	10/18/2005	4:37:56 PM
1	10/18/2005	4:40:29 PM
1	10/18/2005	4:40:30 PM
1	10/18/2005	4:41:35 PM
1	10/18/2005	4:41:36 PM
1	10/18/2005	4:41:42 PM
1	10/18/2005	4:41:42 PM
1	10/18/2005	4:42:42 PM
1	10/18/2005	4:42:42 PM
1	10/18/2005	4:44:11 PM
1	10/18/2005	4:44:11 PM
1	10/18/2005	4:45:03 PM
1	10/18/2005	4:45:03 PM
1	10/18/2005	4:45:32 PM
1	10/18/2005	4:45:32 PM
1	10/18/2005	4:46:25 PM
1	10/18/2005	4:46:25 PM
1	10/18/2005	4:46:25 PM
1	10/18/2005	4:46:49 PM
1	10/18/2005	4:46:49 PM
1	10/18/2005	4:46:49 PM
1	10/18/2005	4:46:49 PM
1	10/18/2005	4:47:32 PM
1	10/18/2005	4:47:32 PM
1	10/18/2005	4:47:32 PM
1	10/18/2005	4:48:02 PM
1	10/18/2005	4:48:02 PM
1	10/18/2005	4:48:02 PM
1	10/18/2005	4:48:02 PM
1	10/18/2005	4:54:59 PM
1	10/18/2005	4:54:59 PM
1	10/18/2005	4:58:25 PM
1	10/18/2005	4:58:25 PM
1	10/18/2005	5:01:37 PM
1	10/18/2005	5:01:38 PM
1	10/18/2005	5:01:49 PM
1	10/18/2005	5:01:49 PM
1	10/18/2005	5:01:49 PM
1	10/18/2005	5:04:58 PM
1	10/18/2005	5:04:58 PM
1	10/18/2005	5:04:58 PM
1	10/18/2005	5:07:55 PM
1	10/18/2005	5:07:55 PM
1	10/18/2005	5:13:54 PM
1	10/18/2005	5:13:54 PM
1	10/18/2005	5:16:22 PM
1	10/18/2005	5:16:23 PM
1	10/18/2005	5:18:17 PM
1	10/18/2005	5:18:17 PM
1	10/18/2005	5:23:55 PM
1	10/18/2005	5:23:55 PM
1	10/18/2005	5:24:03 PM
1	10/18/2005	5:24:03 PM
1	10/18/2005	5:24:03 PM
1	10/18/2005	5:24:03 PM
1	10/18/2005	5:24:11 PM
1	10/18/2005	5:24:12 PM
1	10/18/2005	5:24:59 PM
1	10/18/2005	5:24:59 PM
1	10/18/2005	5:25:33 PM
1	10/18/2005	5:25:33 PM
1	10/18/2005	5:26:59 PM
1	10/18/2005	5:26:59 PM
1	10/18/2005	5:30:31 PM
1	10/18/2005	5:30:31 PM
1	10/18/2005	5:32:37 PM
1	10/18/2005	5:32:37 PM
1	10/18/2005	5:32:37 PM
1	10/18/2005	5:34:37 PM
1	10/18/2005	5:34:37 PM
1	10/18/2005	5:36:04 PM
1	10/18/2005	5:36:04 PM
1	10/18/2005	5:36:04 PM
1	10/18/2005	5:39:09 PM

SITE 11 OCT 16-18 JAMAR 8

1	10/18/2005	5:39:09 PM
1	10/18/2005	5:40:38 PM
1	10/18/2005	5:40:39 PM
1	10/18/2005	5:43:19 PM
1	10/18/2005	5:43:19 PM
1	10/18/2005	5:43:58 PM
1	10/18/2005	5:43:58 PM
1	10/18/2005	5:43:59 PM
1	10/18/2005	5:43:59 PM
1	10/18/2005	5:50:40 PM
1	10/18/2005	5:50:40 PM
1	10/18/2005	5:56:08 PM
1	10/18/2005	5:56:08 PM
1	10/18/2005	5:58:18 PM
1	10/18/2005	5:58:18 PM
1	10/18/2005	5:58:18 PM
1	10/18/2005	6:12:01 PM
1	10/18/2005	6:12:01 PM
1	10/18/2005	6:20:46 PM
1	10/18/2005	6:20:47 PM
1	10/18/2005	6:28:59 PM
1	10/18/2005	6:29:00 PM
1	10/18/2005	6:41:47 PM
1	10/18/2005	6:41:47 PM
1	10/18/2005	6:41:47 PM
1	10/18/2005	6:41:47 PM
1	10/18/2005	6:52:32 PM
1	10/18/2005	6:52:32 PM
1	10/18/2005	6:52:34 PM
1	10/18/2005	6:52:34 PM
1	10/18/2005	6:52:46 PM
1	10/18/2005	6:52:47 PM
1	10/18/2005	6:53:20 PM
1	10/18/2005	6:53:20 PM
1	10/18/2005	6:53:21 PM
1	10/18/2005	6:53:21 PM
1	10/18/2005	7:02:52 PM
1	10/18/2005	7:02:52 PM
1	10/18/2005	7:04:08 PM
1	10/18/2005	7:04:08 PM
1	10/18/2005	7:06:59 PM
1	10/18/2005	7:07:00 PM
1	10/18/2005	7:13:45 PM
1	10/18/2005	7:13:45 PM
1	10/18/2005	7:26:24 PM
1	10/18/2005	7:26:24 PM
1	10/18/2005	7:27:01 PM
1	10/18/2005	7:27:01 PM
1	10/18/2005	7:48:48 PM
1	10/18/2005	7:48:49 PM
1	10/18/2005	7:57:19 PM
1	10/18/2005	7:57:20 PM
1	10/18/2005	8:06:59 PM
1	10/18/2005	8:06:59 PM
1	10/18/2005	8:08:11 PM
1	10/18/2005	8:08:11 PM
1	10/18/2005	8:08:11 PM
1	10/18/2005	8:11:38 PM
1	10/18/2005	8:11:38 PM
1	10/18/2005	8:11:38 PM
1	10/18/2005	8:11:38 PM
1	10/18/2005	8:16:25 PM
1	10/18/2005	8:16:25 PM
1	10/18/2005	8:16:25 PM
1	10/18/2005	8:16:25 PM
1	10/18/2005	8:18:05 PM
1	10/18/2005	8:18:05 PM
1	10/18/2005	8:18:05 PM
1	10/18/2005	8:18:08 PM
1	10/18/2005	8:18:08 PM
1	10/18/2005	8:33:39 PM
1	10/18/2005	8:33:39 PM
1	10/18/2005	8:58:06 PM
1	10/18/2005	8:58:06 PM
1	10/18/2005	9:02:41 PM
1	10/18/2005	9:02:41 PM
1	10/18/2005	9:02:41 PM
1	10/18/2005	9:04:16 PM
1	10/18/2005	9:04:16 PM
1	10/18/2005	9:14:13 PM
1	10/18/2005	9:14:13 PM
1	10/18/2005	9:22:53 PM
1	10/18/2005	9:22:53 PM
1	10/18/2005	9:23:31 PM
1	10/18/2005	9:23:32 PM
1	10/18/2005	9:24:16 PM
1	10/18/2005	9:24:16 PM
1	10/18/2005	9:24:16 PM
1	10/18/2005	9:24:16 PM
1	10/18/2005	9:24:47 PM
1	10/18/2005	9:24:47 PM
1	10/18/2005	9:24:47 PM
1	10/18/2005	9:25:07 PM
1	10/18/2005	9:25:08 PM
1	10/18/2005	9:30:06 PM
1	10/18/2005	9:30:06 PM
1	10/18/2005	9:35:29 PM
1	10/18/2005	9:35:29 PM
1	10/18/2005	9:39:56 PM
1	10/18/2005	9:39:56 PM
1	10/18/2005	9:40:03 PM

SITE 11 OCT 16-18 JAMAR 8

1 10/18/2005 9:40:03 PM
 1 10/18/2005 9:40:03 PM
 1 10/18/2005 10:07:17 PM
 1 10/18/2005 10:07:17 PM
 1 10/18/2005 10:11:27 PM
 1 10/18/2005 10:11:27 PM
 1 10/18/2005 10:13:57 PM
 1 10/18/2005 10:13:57 PM
 1 10/18/2005 10:28:28 PM
 1 10/18/2005 10:28:28 PM
 1 10/18/2005 10:43:46 PM
 1 10/18/2005 10:43:46 PM
 1 10/18/2005 10:43:46 PM
 1 10/18/2005 10:43:46 PM
 1 10/18/2005 11:34:36 PM
 1 10/18/2005 11:34:36 PM
 1 10/18/2005 11:34:36 PM
 1 10/18/2005 11:36:14 PM
 1 10/18/2005 11:36:14 PM
 1 10/18/2005 11:36:14 PM
 1 10/18/2005 11:36:40 PM
 1 10/18/2005 11:36:40 PM
 1 10/18/2005 11:38:35 PM
 1 10/18/2005 11:38:35 PM
 1 10/18/2005 11:38:55 PM
 1 10/18/2005 11:38:55 PM
 1 10/18/2005 11:38:55 PM

1758 - 2783 divide by 2 513 24 hrs

1 10/19/2005 12:01:26 AM
 1 10/19/2005 12:01:27 AM
 1 10/19/2005 12:11:59 AM
 1 10/19/2005 12:11:59 AM
 1 10/19/2005 12:11:59 AM
 1 10/19/2005 12:50:23 AM
 1 10/19/2005 12:50:23 AM
 1 10/19/2005 2:03:34 AM
 1 10/19/2005 2:03:35 AM
 1 10/19/2005 5:02:10 AM
 1 10/19/2005 5:02:10 AM
 1 10/19/2005 5:02:10 AM
 1 10/19/2005 5:02:10 AM
 1 10/19/2005 5:04:03 AM
 1 10/19/2005 5:04:03 AM
 1 10/19/2005 5:04:04 AM
 1 10/19/2005 5:14:31 AM
 1 10/19/2005 5:14:31 AM
 1 10/19/2005 5:14:31 AM
 1 10/19/2005 5:20:20 AM
 1 10/19/2005 5:20:20 AM
 1 10/19/2005 5:25:46 AM
 1 10/19/2005 5:25:46 AM
 1 10/19/2005 5:28:37 AM
 1 10/19/2005 5:28:38 AM
 1 10/19/2005 5:51:34 AM
 1 10/19/2005 5:51:34 AM
 1 10/19/2005 5:51:35 AM
 1 10/19/2005 5:51:35 AM
 1 10/19/2005 5:53:35 AM
 1 10/19/2005 5:53:35 AM
 1 10/19/2005 5:53:35 AM
 1 10/19/2005 5:55:29 AM
 1 10/19/2005 5:55:29 AM
 1 10/19/2005 5:55:29 AM
 1 10/19/2005 5:55:29 AM
 1 10/19/2005 5:56:28 AM
 1 10/19/2005 5:56:28 AM
 1 10/19/2005 5:57:20 AM
 1 10/19/2005 5:57:21 AM
 1 10/19/2005 6:01:26 AM
 1 10/19/2005 6:01:26 AM
 1 10/19/2005 6:01:26 AM
 1 10/19/2005 6:08:30 AM
 1 10/19/2005 6:08:30 AM
 1 10/19/2005 6:13:45 AM
 1 10/19/2005 6:13:47 AM
 1 10/19/2005 6:14:06 AM
 1 10/19/2005 6:14:06 AM
 1 10/19/2005 6:14:06 AM
 1 10/19/2005 6:14:35 AM
 1 10/19/2005 6:14:36 AM
 1 10/19/2005 6:14:36 AM
 1 10/19/2005 6:14:36 AM
 1 10/19/2005 6:14:37 AM
 1 10/19/2005 6:14:37 AM
 1 10/19/2005 6:14:37 AM
 1 10/19/2005 6:14:37 AM
 1 10/19/2005 6:17:43 AM
 1 10/19/2005 6:17:43 AM
 1 10/19/2005 6:19:33 AM
 1 10/19/2005 6:19:33 AM
 1 10/19/2005 6:21:43 AM
 1 10/19/2005 6:21:43 AM
 1 10/19/2005 6:21:56 AM
 1 10/19/2005 6:21:57 AM
 1 10/19/2005 6:22:07 AM
 1 10/19/2005 6:22:07 AM
 1 10/19/2005 6:22:10 AM
 1 10/19/2005 6:22:10 AM
 1 10/19/2005 6:22:10 AM
 1 10/19/2005 6:27:45 AM
 1 10/19/2005 6:27:45 AM

2785 - 3211 divide by 2 213 for 9.5 hrs

SITE 11 OCT 16-18 JAMAR 8

1	10/19/2005	6:31:26 AM
1	10/19/2005	6:31:26 AM
1	10/19/2005	6:32:06 AM
1	10/19/2005	6:32:06 AM
1	10/19/2005	6:34:19 AM
1	10/19/2005	6:34:19 AM
1	10/19/2005	6:34:19 AM
1	10/19/2005	6:34:51 AM
1	10/19/2005	6:34:51 AM
1	10/19/2005	6:36:46 AM
1	10/19/2005	6:36:47 AM
1	10/19/2005	6:36:50 AM
1	10/19/2005	6:36:51 AM
1	10/19/2005	6:37:12 AM
1	10/19/2005	6:37:12 AM
1	10/19/2005	6:37:27 AM
1	10/19/2005	6:37:27 AM
1	10/19/2005	6:37:37 AM
1	10/19/2005	6:37:37 AM
1	10/19/2005	6:39:07 AM
1	10/19/2005	6:39:08 AM
1	10/19/2005	6:39:26 AM
1	10/19/2005	6:39:25 AM
1	10/19/2005	6:40:39 AM
1	10/19/2005	6:40:40 AM
1	10/19/2005	6:42:15 AM
1	10/19/2005	6:42:16 AM
1	10/19/2005	6:42:16 AM
1	10/19/2005	6:42:17 AM
1	10/19/2005	6:42:17 AM
1	10/19/2005	6:43:51 AM
1	10/19/2005	6:43:52 AM
1	10/19/2005	6:44:32 AM
1	10/19/2005	6:44:32 AM
1	10/19/2005	6:45:07 AM
1	10/19/2005	6:45:07 AM
1	10/19/2005	6:46:56 AM
1	10/19/2005	6:46:56 AM
1	10/19/2005	6:47:11 AM
1	10/19/2005	6:47:11 AM
1	10/19/2005	6:47:35 AM
1	10/19/2005	6:47:36 AM
1	10/19/2005	6:47:58 AM
1	10/19/2005	6:47:58 AM
1	10/19/2005	6:48:00 AM
1	10/19/2005	6:48:00 AM
1	10/19/2005	6:49:40 AM
1	10/19/2005	6:49:40 AM
1	10/19/2005	6:49:40 AM
1	10/19/2005	6:49:42 AM
1	10/19/2005	6:49:42 AM
1	10/19/2005	6:49:48 AM
1	10/19/2005	6:49:48 AM
1	10/19/2005	6:49:55 AM
1	10/19/2005	6:49:55 AM
1	10/19/2005	6:49:56 AM
1	10/19/2005	6:50:33 AM
1	10/19/2005	6:50:34 AM
1	10/19/2005	6:51:42 AM
1	10/19/2005	6:51:42 AM
1	10/19/2005	6:51:44 AM
1	10/19/2005	6:51:44 AM
1	10/19/2005	6:51:45 AM
1	10/19/2005	6:51:45 AM
1	10/19/2005	6:51:49 AM
1	10/19/2005	6:51:50 AM
1	10/19/2005	6:52:30 AM
1	10/19/2005	6:52:30 AM
1	10/19/2005	6:52:41 AM
1	10/19/2005	6:52:41 AM
1	10/19/2005	6:53:10 AM
1	10/19/2005	6:53:10 AM
1	10/19/2005	6:53:21 AM
1	10/19/2005	6:53:22 AM
1	10/19/2005	6:53:40 AM
1	10/19/2005	6:53:40 AM
1	10/19/2005	6:53:50 AM
1	10/19/2005	6:53:51 AM
1	10/19/2005	6:54:15 AM
1	10/19/2005	6:54:16 AM
1	10/19/2005	6:54:17 AM
1	10/19/2005	6:54:17 AM
1	10/19/2005	6:54:18 AM
1	10/19/2005	6:54:21 AM
1	10/19/2005	6:54:21 AM
1	10/19/2005	6:54:23 AM
1	10/19/2005	6:54:23 AM
1	10/19/2005	6:54:30 AM
1	10/19/2005	6:54:30 AM
1	10/19/2005	6:54:35 AM
1	10/19/2005	6:54:35 AM
1	10/19/2005	6:54:36 AM
1	10/19/2005	6:54:41 AM
1	10/19/2005	6:54:42 AM
1	10/19/2005	6:54:44 AM
1	10/19/2005	6:54:45 AM
1	10/19/2005	6:55:46 AM
1	10/19/2005	6:55:46 AM
1	10/19/2005	6:55:46 AM
1	10/19/2005	6:55:46 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/19/2005	6:55:49 AM
1	10/19/2005	6:55:49 AM
1	10/19/2005	6:55:49 AM
1	10/19/2005	6:55:55 AM
1	10/19/2005	6:55:56 AM
1	10/19/2005	6:56:01 AM
1	10/19/2005	6:56:02 AM
1	10/19/2005	6:56:14 AM
1	10/19/2005	6:56:15 AM
1	10/19/2005	6:56:15 AM
1	10/19/2005	6:56:22 AM
1	10/19/2005	6:56:22 AM
1	10/19/2005	6:56:29 AM
1	10/19/2005	6:57:22 AM
1	10/19/2005	6:57:22 AM
1	10/19/2005	6:57:22 AM
1	10/19/2005	6:57:25 AM
1	10/19/2005	6:57:25 AM
1	10/19/2005	6:58:29 AM
1	10/19/2005	6:58:30 AM
1	10/19/2005	6:59:04 AM
1	10/19/2005	6:59:04 AM
1	10/19/2005	6:59:18 AM
1	10/19/2005	6:59:18 AM
1	10/19/2005	6:59:41 AM
1	10/19/2005	6:59:41 AM
1	10/19/2005	7:00:57 AM
1	10/19/2005	7:00:57 AM
1	10/19/2005	7:02:38 AM
1	10/19/2005	7:02:38 AM
1	10/19/2005	7:03:31 AM
1	10/19/2005	7:03:32 AM
1	10/19/2005	7:03:56 AM
1	10/19/2005	7:03:56 AM
1	10/19/2005	7:04:09 AM
1	10/19/2005	7:04:09 AM
1	10/19/2005	7:06:15 AM
1	10/19/2005	7:06:15 AM
1	10/19/2005	7:12:21 AM
1	10/19/2005	7:12:21 AM
1	10/19/2005	7:12:33 AM
1	10/19/2005	7:12:33 AM
1	10/19/2005	7:13:42 AM
1	10/19/2005	7:13:42 AM
1	10/19/2005	7:17:31 AM
1	10/19/2005	7:17:32 AM
1	10/19/2005	7:17:34 AM
1	10/19/2005	7:17:35 AM
1	10/19/2005	7:19:05 AM
1	10/19/2005	7:19:06 AM
1	10/19/2005	7:20:45 AM
1	10/19/2005	7:20:45 AM
1	10/19/2005	7:21:37 AM
1	10/19/2005	7:21:37 AM
1	10/19/2005	7:26:14 AM
1	10/19/2005	7:26:14 AM
1	10/19/2005	7:29:07 AM
1	10/19/2005	7:29:08 AM
1	10/19/2005	7:29:08 AM
1	10/19/2005	7:29:08 AM
1	10/19/2005	7:29:08 AM
1	10/19/2005	7:29:24 AM
1	10/19/2005	7:29:24 AM
1	10/19/2005	7:29:25 AM
1	10/19/2005	7:33:42 AM
1	10/19/2005	7:33:42 AM
1	10/19/2005	7:33:42 AM
1	10/19/2005	7:35:29 AM
1	10/19/2005	7:35:29 AM
1	10/19/2005	7:35:30 AM
1	10/19/2005	7:35:30 AM
1	10/19/2005	7:35:32 AM
1	10/19/2005	7:35:32 AM
1	10/19/2005	7:41:26 AM
1	10/19/2005	7:41:27 AM
1	10/19/2005	7:44:03 AM
1	10/19/2005	7:44:03 AM
1	10/19/2005	7:44:03 AM
1	10/19/2005	7:44:03 AM
1	10/19/2005	7:45:04 AM
1	10/19/2005	7:45:04 AM
1	10/19/2005	7:45:04 AM
1	10/19/2005	7:45:04 AM
1	10/19/2005	7:45:04 AM
1	10/19/2005	7:45:15 AM
1	10/19/2005	7:45:15 AM
1	10/19/2005	7:45:15 AM
1	10/19/2005	7:45:52 AM
1	10/19/2005	7:45:53 AM
1	10/19/2005	7:45:53 AM
1	10/19/2005	7:47:42 AM
1	10/19/2005	7:47:42 AM
1	10/19/2005	7:49:05 AM
1	10/19/2005	7:49:05 AM
1	10/19/2005	7:49:05 AM
1	10/19/2005	7:50:21 AM
1	10/19/2005	7:50:21 AM
1	10/19/2005	7:50:22 AM
1	10/19/2005	7:50:22 AM
1	10/19/2005	7:50:23 AM
1	10/19/2005	7:51:48 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/19/2005	7:51:49 AM
1	10/19/2005	7:51:55 AM
1	10/19/2005	7:51:56 AM
1	10/19/2005	7:53:04 AM
1	10/19/2005	7:53:04 AM
1	10/19/2005	7:53:04 AM
1	10/19/2005	7:53:05 AM
1	10/19/2005	7:55:22 AM
1	10/19/2005	7:55:22 AM
1	10/19/2005	7:56:16 AM
1	10/19/2005	7:56:16 AM
1	10/19/2005	7:56:16 AM
1	10/19/2005	7:58:32 AM
1	10/19/2005	7:58:32 AM
1	10/19/2005	7:58:32 AM
1	10/19/2005	7:58:32 AM
1	10/19/2005	7:58:33 AM
1	10/19/2005	7:58:33 AM
1	10/19/2005	7:59:09 AM
1	10/19/2005	7:59:10 AM
1	10/19/2005	7:59:18 AM
1	10/19/2005	7:59:19 AM
1	10/19/2005	7:59:19 AM
1	10/19/2005	7:59:43 AM
1	10/19/2005	7:59:43 AM
1	10/19/2005	7:59:46 AM
1	10/19/2005	7:59:46 AM
1	10/19/2005	8:04:27 AM
1	10/19/2005	8:04:27 AM
1	10/19/2005	8:05:17 AM
1	10/19/2005	8:05:18 AM
1	10/19/2005	8:05:44 AM
1	10/19/2005	8:05:44 AM
1	10/19/2005	8:05:44 AM
1	10/19/2005	8:05:45 AM
1	10/19/2005	8:05:45 AM
1	10/19/2005	8:12:48 AM
1	10/19/2005	8:12:48 AM
1	10/19/2005	8:12:48 AM
1	10/19/2005	8:16:35 AM
1	10/19/2005	8:16:35 AM
1	10/19/2005	8:17:18 AM
1	10/19/2005	8:17:18 AM
1	10/19/2005	8:17:18 AM
1	10/19/2005	8:19:34 AM
1	10/19/2005	8:19:34 AM
1	10/19/2005	8:21:24 AM
1	10/19/2005	8:21:25 AM
1	10/19/2005	8:22:23 AM
1	10/19/2005	8:22:23 AM
1	10/19/2005	8:22:27 AM
1	10/19/2005	8:22:27 AM
1	10/19/2005	8:27:44 AM
1	10/19/2005	8:27:45 AM
1	10/19/2005	8:29:21 AM
1	10/19/2005	8:29:22 AM
1	10/19/2005	8:32:02 AM
1	10/19/2005	8:32:02 AM
1	10/19/2005	8:35:18 AM
1	10/19/2005	8:35:18 AM
1	10/19/2005	8:37:02 AM
1	10/19/2005	8:37:02 AM
1	10/19/2005	8:41:56 AM
1	10/19/2005	8:41:56 AM
1	10/19/2005	8:42:05 AM
1	10/19/2005	8:42:06 AM
1	10/19/2005	8:43:01 AM
1	10/19/2005	8:43:02 AM
1	10/19/2005	8:43:03 AM
1	10/19/2005	8:43:03 AM
1	10/19/2005	8:43:03 AM
1	10/19/2005	8:43:03 AM
1	10/19/2005	8:43:05 AM
1	10/19/2005	8:43:06 AM
1	10/19/2005	8:43:23 AM
1	10/19/2005	8:43:24 AM
1	10/19/2005	8:44:51 AM
1	10/19/2005	8:44:52 AM
1	10/19/2005	8:58:11 AM
1	10/19/2005	8:58:11 AM
1	10/19/2005	9:00:07 AM
1	10/19/2005	9:00:07 AM
1	10/19/2005	9:00:07 AM
1	10/19/2005	9:00:15 AM
1	10/19/2005	9:00:16 AM
1	10/19/2005	9:00:16 AM
1	10/19/2005	9:02:46 AM
1	10/19/2005	9:02:46 AM
1	10/19/2005	9:03:08 AM
1	10/19/2005	9:03:08 AM
1	10/19/2005	9:03:09 AM
1	10/19/2005	9:03:09 AM
1	10/19/2005	9:04:44 AM
1	10/19/2005	9:04:44 AM
1	10/19/2005	9:04:44 AM
1	10/19/2005	9:06:29 AM
1	10/19/2005	9:06:29 AM
1	10/19/2005	9:09:26 AM
1	10/19/2005	9:09:26 AM
1	10/19/2005	9:09:27 AM

SITE 11 OCT 16-18 JAMAR 8

1	10/19/2005	9:09:27 AM
1	10/19/2005	9:13:11 AM
1	10/19/2005	9:13:11 AM
1	10/19/2005	9:13:12 AM
1	10/19/2005	9:13:12 AM
1	10/19/2005	9:13:12 AM
1	10/19/2005	9:14:30 AM
1	10/19/2005	9:14:30 AM
1	10/19/2005	9:16:12 AM
1	10/19/2005	9:16:12 AM
1	10/19/2005	9:19:46 AM
1	10/19/2005	9:19:46 AM
1	10/19/2005	9:19:46 AM
1	10/19/2005	9:21:24 AM
1	10/19/2005	9:21:25 AM
1	10/19/2005	9:23:47 AM
1	10/19/2005	9:23:47 AM
1	10/19/2005	9:23:48 AM
1	10/19/2005	9:25:56 AM
1	10/19/2005	9:25:56 AM
1	10/19/2005	9:27:39 AM
1	10/19/2005	9:27:39 AM
1	10/19/2005	9:27:39 AM
1	10/19/2005	9:27:47 AM
1	10/19/2005	9:27:47 AM
1	10/19/2005	9:27:48 AM
1	10/19/2005	9:27:48 AM
1	10/19/2005	9:27:49 AM
1	10/19/2005	9:27:50 AM
1	10/19/2005	9:28:19 AM
1	10/19/2005	9:28:19 AM
1	10/19/2005	9:30:50 AM
1	10/19/2005	9:30:50 AM
1	10/19/2005	9:33:04 AM
1	10/19/2005	9:33:05 AM
1	10/19/2005	9:36:04 AM
1	10/19/2005	9:36:04 AM
1	10/19/2005	9:36:05 AM
1	10/19/2005	9:36:05 AM
1	10/19/2005	9:36:05 AM
1	10/19/2005	9:36:05 AM
1	10/19/2005	9:36:07 AM
1	10/19/2005	9:36:07 AM
1	10/19/2005	9:36:07 AM
1	10/19/2005	9:38:53 AM
1	10/19/2005	9:38:54 AM
1	10/19/2005	9:39:39 AM
1	10/19/2005	9:39:39 AM
1	10/19/2005	9:39:39 AM

SITE 13 OCT 16-18 JAMAR 6

Sensor	Date	Time	Count
1	10/15/2005	6:34:44 AM	1 Preday
1	10/15/2005	6:34:45 AM	
1	10/15/2005	6:35:15 AM	2
1	10/15/2005	6:35:15 AM	
1	10/15/2005	6:35:16 AM	3
1	10/15/2005	6:35:16 AM	
1	10/15/2005	6:35:44 AM	4
1	10/15/2005	6:35:44 AM	
1	10/15/2005	7:50:08 AM	5
1	10/15/2005	7:50:08 AM	
1	10/15/2005	10:10:29 AM	6
1	10/15/2005	10:10:29 AM	
1	10/15/2005	10:12:45 AM	7
1	10/15/2005	10:12:45 AM	
1	10/15/2005	10:12:46 AM	8
1	10/15/2005	10:12:46 AM	
1	10/15/2005	10:12:46 AM	9
1	10/15/2005	10:12:46 AM	
1	10/15/2005	10:14:33 AM	10
1	10/15/2005	10:14:33 AM	
1	10/15/2005	10:14:33 AM	
1	10/15/2005	10:14:34 AM	11
1	10/15/2005	10:14:34 AM	
1	10/15/2005	10:54:20 AM	12
1	10/15/2005	10:54:20 AM	
1	10/15/2005	10:54:21 AM	13
1	10/15/2005	10:54:21 AM	
1	10/15/2005	10:55:32 AM	14
1	10/15/2005	10:55:46 AM	15
1	10/15/2005	10:55:46 AM	
1	10/15/2005	10:55:47 AM	
1	10/15/2005	10:56:13 AM	16
1	10/15/2005	11:19:47 AM	17
1	10/15/2005	11:19:47 AM	
1	10/15/2005	11:36:16 AM	18
1	10/15/2005	11:36:16 AM	
1	10/15/2005	11:36:24 AM	19
1	10/15/2005	12:07:14 PM	20
1	10/15/2005	12:15:20 PM	21
1	10/15/2005	12:15:20 PM	
1	10/15/2005	12:30:25 PM	22
1	10/15/2005	12:30:25 PM	
1	10/15/2005	12:30:25 PM	
1	10/15/2005	3:34:33 PM	23
1	10/15/2005	3:34:34 PM	
1	10/15/2005	7:11:41 PM	24
1	10/15/2005	7:11:41 PM	
1	10/16/2005	6:09:01 AM	1
1	10/16/2005	6:09:02 AM	
1	10/16/2005	6:28:03 AM	2
1	10/16/2005	6:28:03 AM	
1	10/16/2005	6:28:03 AM	3
1	10/16/2005	6:28:03 AM	
1	10/16/2005	8:20:15 AM	4
1	10/16/2005	8:20:15 AM	
1	10/16/2005	8:20:15 AM	5
1	10/16/2005	8:20:15 AM	
1	10/16/2005	8:21:20 AM	6
1	10/16/2005	8:21:25 AM	7
1	10/16/2005	8:21:27 AM	
1	10/16/2005	9:35:00 AM	8
1	10/16/2005	9:35:00 AM	
1	10/16/2005	9:35:09 AM	9
1	10/16/2005	9:35:10 AM	
1	10/16/2005	9:35:19 AM	10
1	10/16/2005	9:35:20 AM	
1	10/16/2005	9:35:20 AM	
1	10/16/2005	9:44:25 AM	11
1	10/16/2005	9:44:25 AM	
1	10/16/2005	10:44:35 AM	12
1	10/16/2005	10:44:35 AM	
1	10/16/2005	10:44:35 AM	
1	10/16/2005	1:14:45 PM	13
1	10/16/2005	1:14:46 PM	
1	10/16/2005	1:24:55 PM	14
1	10/16/2005	1:24:55 PM	
1	10/16/2005	1:26:00 PM	15
1	10/16/2005	1:26:00 PM	
1	10/16/2005	3:06:15 PM	16
1	10/16/2005	3:06:15 PM	
1	10/16/2005	3:06:16 PM	17
1	10/16/2005	3:06:16 PM	
1	10/16/2005	3:26:07 PM	18
1	10/16/2005	3:26:07 PM	
1	10/16/2005	3:40:46 PM	19
1	10/16/2005	3:40:46 PM	
1	10/16/2005	3:41:14 PM	20
1	10/16/2005	3:41:14 PM	
1	10/16/2005	3:41:14 PM	21
1	10/16/2005	3:41:14 PM	
1	10/16/2005	3:41:15 PM	22
1	10/16/2005	3:41:16 PM	
1	10/16/2005	3:41:16 PM	23
1	10/16/2005	3:41:16 PM	
1	10/16/2005	3:41:17 PM	
1	10/16/2005	3:41:20 PM	24
1	10/16/2005	3:41:26 PM	25
1	10/16/2005	3:41:27 PM	
1	10/16/2005	3:41:27 PM	27
1	10/16/2005	3:41:27 PM	

SITE 13 OCT 16-18 JAMAR 6

1	10/16/2005	3:41:28 PM	28
1	10/16/2005	3:41:28 PM	
1	10/16/2005	3:41:31 PM	29
1	10/16/2005	3:41:38 PM	30
1	10/16/2005	3:41:39 PM	
1	10/16/2005	3:41:40 PM	
1	10/16/2005	3:41:46 PM	31
1	10/16/2005	3:41:47 PM	
1	10/16/2005	3:41:48 PM	
1	10/16/2005	3:53:29 PM	32
1	10/16/2005	3:53:29 PM	
1	10/16/2005	3:53:37 PM	33
1	10/16/2005	3:53:38 PM	
1	10/16/2005	3:53:45 PM	34
1	10/16/2005	3:53:45 PM	
1	10/16/2005	4:37:31 PM	35
1	10/16/2005	4:37:31 PM	
1	10/16/2005	4:37:32 PM	36
1	10/16/2005	4:37:32 PM	
1	10/16/2005	5:11:02 PM	37
1	10/16/2005	5:36:18 PM	38
1	10/16/2005	5:36:18 PM	
1	10/16/2005	6:04:22 PM	39
1	10/16/2005	6:04:22 PM	
1	10/16/2005	6:05:00 PM	40
1	10/16/2005	6:05:00 PM	
1	10/16/2005	6:20:23 PM	41
1	10/16/2005	6:20:23 PM	
1	10/16/2005	6:20:24 PM	
1	10/16/2005	7:02:59 PM	42
1	10/16/2005	7:03:00 PM	
1	10/17/2005	6:38:12 AM	1
1	10/17/2005	6:38:12 AM	
1	10/17/2005	6:46:01 AM	2
1	10/17/2005	6:46:01 AM	
1	10/17/2005	6:46:01 AM	3
1	10/17/2005	6:46:01 AM	
1	10/17/2005	6:56:02 AM	4
1	10/17/2005	6:56:03 AM	
1	10/17/2005	6:56:03 AM	
1	10/17/2005	7:33:42 AM	5
1	10/17/2005	7:33:42 AM	
1	10/17/2005	8:54:43 AM	6
1	10/17/2005	8:54:43 AM	
1	10/17/2005	8:54:43 AM	7
1	10/17/2005	8:54:43 AM	
1	10/17/2005	9:56:49 AM	8
1	10/17/2005	9:56:49 AM	
1	10/17/2005	9:56:49 AM	9
1	10/17/2005	9:56:49 AM	
1	10/17/2005	10:11:33 AM	10
1	10/17/2005	10:11:34 AM	
1	10/17/2005	10:13:43 AM	11
1	10/17/2005	10:13:45 AM	
1	10/17/2005	10:14:24 AM	12
1	10/17/2005	10:14:24 AM	
1	10/17/2005	10:14:27 AM	13
1	10/17/2005	10:14:36 AM	14
1	10/17/2005	10:14:37 AM	
1	10/17/2005	10:14:37 AM	
1	10/17/2005	10:14:49 AM	15
1	10/17/2005	10:54:34 AM	16
1	10/17/2005	10:54:36 AM	
1	10/17/2005	10:54:37 AM	
1	10/17/2005	11:11:05 AM	17
1	10/17/2005	11:11:06 AM	
1	10/17/2005	11:12:25 AM	18
1	10/17/2005	11:12:25 AM	
1	10/17/2005	11:12:26 AM	
1	10/17/2005	11:19:06 AM	19
1	10/17/2005	11:19:07 AM	
1	10/17/2005	11:19:07 AM	
1	10/17/2005	11:41:46 AM	20
1	10/17/2005	11:41:46 AM	
1	10/17/2005	11:41:46 AM	
1	10/17/2005	11:50:36 AM	21
1	10/17/2005	11:50:36 AM	
1	10/17/2005	12:26:10 PM	22
1	10/17/2005	12:26:10 PM	
1	10/17/2005	12:26:42 PM	23
1	10/17/2005	12:26:42 PM	
1	10/17/2005	12:52:18 PM	24
1	10/17/2005	12:52:18 PM	
1	10/17/2005	1:26:13 PM	25
1	10/17/2005	1:26:14 PM	
1	10/17/2005	1:26:21 PM	26
1	10/17/2005	1:26:29 PM	27
1	10/17/2005	1:26:30 PM	
1	10/17/2005	1:39:00 PM	28
1	10/17/2005	1:39:00 PM	
1	10/17/2005	2:31:50 PM	29
1	10/17/2005	2:31:51 PM	
1	10/17/2005	3:15:08 PM	30
1	10/17/2005	3:15:08 PM	
1	10/17/2005	3:21:19 PM	31
1	10/17/2005	3:21:41 PM	32
1	10/17/2005	3:21:43 PM	
1	10/17/2005	3:27:59 PM	33
1	10/17/2005	3:27:59 PM	
1	10/17/2005	3:28:02 PM	34
1	10/17/2005	3:28:02 PM	

SITE 13 OCT 16-18 JAMAR 6

1	10/17/2005	4:20:52 PM	35
1	10/17/2005	4:20:52 PM	
1	10/17/2005	4:20:52 PM	
1	10/17/2005	4:21:16 PM	36
1	10/17/2005	4:21:17 PM	
1	10/17/2005	4:22:01 PM	37
1	10/17/2005	4:22:01 PM	
1	10/17/2005	4:22:02 PM	38
1	10/17/2005	4:22:02 PM	
1	10/17/2005	4:33:59 PM	39
1	10/17/2005	4:34:00 PM	
1	10/17/2005	8:23:52 PM	40
1	10/17/2005	8:23:52 PM	
1	10/17/2005	8:23:52 PM	
1	10/17/2005	8:23:59 PM	41
1	10/17/2005	8:24:03 PM	42
1	10/17/2005	8:24:04 PM	
1	10/17/2005	8:24:04 PM	
1	10/17/2005	8:24:10 PM	44
1	10/17/2005	8:24:18 PM	45
1	10/17/2005	8:24:18 PM	
1	10/18/2005	6:35:14 AM	1
1	10/18/2005	6:35:14 AM	
1	10/18/2005	6:35:25 AM	2
1	10/18/2005	6:35:25 AM	
1	10/18/2005	6:35:25 AM	
1	10/18/2005	6:39:50 AM	3
1	10/18/2005	6:39:50 AM	
1	10/18/2005	6:53:27 AM	4
1	10/18/2005	6:53:27 AM	
1	10/18/2005	6:53:27 AM	
1	10/18/2005	6:57:08 AM	5
1	10/18/2005	6:57:08 AM	
1	10/18/2005	7:15:09 AM	6
1	10/18/2005	7:15:09 AM	
1	10/18/2005	7:20:58 AM	7
1	10/18/2005	7:20:58 AM	
1	10/18/2005	7:20:59 AM	
1	10/18/2005	7:46:40 AM	8
1	10/18/2005	7:46:41 AM	
1	10/18/2005	7:59:35 AM	9
1	10/18/2005	7:59:35 AM	
1	10/18/2005	8:01:42 AM	10
1	10/18/2005	8:01:42 AM	
1	10/18/2005	8:01:42 AM	
1	10/18/2005	8:14:36 AM	11
1	10/18/2005	8:14:36 AM	
1	10/18/2005	8:17:55 AM	12
1	10/18/2005	8:17:55 AM	
1	10/18/2005	8:19:03 AM	13
1	10/18/2005	8:19:03 AM	
1	10/18/2005	8:19:03 AM	
1	10/18/2005	8:19:08 AM	14
1	10/18/2005	8:19:08 AM	
1	10/18/2005	8:19:08 AM	
1	10/18/2005	8:19:09 AM	
1	10/18/2005	8:28:41 AM	15
1	10/18/2005	8:28:41 AM	
1	10/18/2005	8:35:04 AM	16
1	10/18/2005	8:35:04 AM	
1	10/18/2005	8:35:04 AM	
1	10/18/2005	8:44:46 AM	17
1	10/18/2005	8:44:46 AM	
1	10/18/2005	8:44:47 AM	18
1	10/18/2005	8:44:47 AM	
1	10/18/2005	8:52:00 AM	19
1	10/18/2005	8:52:00 AM	
1	10/18/2005	8:52:01 AM	
1	10/18/2005	9:05:28 AM	20
1	10/18/2005	9:05:28 AM	
1	10/18/2005	9:05:28 AM	
1	10/18/2005	9:05:28 AM	21
1	10/18/2005	9:05:28 AM	
1	10/18/2005	9:41:21 AM	22
1	10/18/2005	9:41:21 AM	
1	10/18/2005	10:10:59 AM	23
1	10/18/2005	10:11:00 AM	
1	10/18/2005	10:11:06 AM	24
1	10/18/2005	10:11:07 AM	
1	10/18/2005	10:11:07 AM	
1	10/18/2005	10:17:18 AM	25
1	10/18/2005	10:17:49 AM	26
1	10/18/2005	10:17:56 AM	27
1	10/18/2005	10:18:06 AM	28
1	10/18/2005	10:18:11 AM	29
1	10/18/2005	10:18:14 AM	
1	10/18/2005	10:18:15 AM	
1	10/18/2005	10:27:38 AM	30
1	10/18/2005	10:27:38 AM	
1	10/18/2005	10:27:38 AM	31
1	10/18/2005	10:27:38 AM	
1	10/18/2005	11:14:39 AM	32
1	10/18/2005	11:14:40 AM	
1	10/18/2005	12:22:53 PM	33
1	10/18/2005	12:22:53 PM	
1	10/18/2005	12:22:53 PM	
1	10/18/2005	12:39:42 PM	34
1	10/18/2005	12:39:43 PM	
1	10/18/2005	12:57:29 PM	35
1	10/18/2005	12:57:29 PM	
1	10/18/2005	12:57:29 PM	
1	10/18/2005	12:57:35 PM	36

SITE 13 OCT 16-18 JAMAR 6

1	10/18/2005	12:57:37 PM	
1	10/18/2005	12:57:54 PM	37
1	10/18/2005	12:57:54 PM	
1	10/18/2005	12:57:55 PM	38
1	10/18/2005	12:57:55 PM	
1	10/18/2005	2:22:50 PM	39
1	10/18/2005	2:22:50 PM	
1	10/18/2005	2:31:44 PM	40
1	10/18/2005	2:31:44 PM	
1	10/18/2005	2:44:40 PM	41
1	10/18/2005	2:44:40 PM	
1	10/18/2005	3:19:29 PM	42
1	10/18/2005	3:19:29 PM	
1	10/18/2005	3:19:29 PM	43
1	10/18/2005	3:19:30 PM	
1	10/18/2005	3:19:30 PM	
1	10/18/2005	3:24:16 PM	44
1	10/18/2005	3:24:17 PM	
1	10/18/2005	3:24:17 PM	
1	10/18/2005	3:27:53 PM	45
1	10/18/2005	3:27:53 PM	
1	10/18/2005	3:27:54 PM	
1	10/18/2005	3:28:22 PM	46
1	10/18/2005	3:28:27 PM	
1	10/18/2005	3:31:57 PM	47
1	10/18/2005	3:31:57 PM	
1	10/18/2005	3:31:57 PM	48
1	10/18/2005	3:31:57 PM	
1	10/18/2005	4:50:01 PM	49
1	10/18/2005	4:50:02 PM	
1	10/18/2005	8:10:51 PM	50
1	10/18/2005	8:10:51 PM	
1	10/18/2005	8:33:09 PM	51
1	10/18/2005	8:33:09 PM	
1	10/18/2005	8:33:09 PM	
1	10/18/2005	8:33:18 PM	52
1	10/18/2005	8:33:19 PM	
1	10/18/2005	8:33:19 PM	
1	10/18/2005	8:33:24 PM	53
1	10/18/2005	8:33:25 PM	
1	10/18/2005	8:33:25 PM	
1	10/18/2005	8:33:35 PM	54
1	10/18/2005	8:33:35 PM	
1	10/18/2005	8:33:42 PM	55
1	10/18/2005	8:33:42 PM	
1	10/19/2005	6:31:39 AM	1
1	10/19/2005	6:31:39 AM	
1	10/19/2005	7:07:53 AM	2
1	10/19/2005	7:07:53 AM	
1	10/19/2005	7:43:13 AM	3
1	10/19/2005	7:43:13 AM	
1	10/19/2005	8:14:19 AM	4
1	10/19/2005	8:14:19 AM	
1	10/19/2005	8:49:08 AM	5
1	10/19/2005	8:49:09 AM	
1	10/19/2005	8:51:52 AM	6
1	10/19/2005	8:51:54 AM	

SITE 14 OCT 27-29 JAMAR 8

Sensor	Date	Time	Count
1	10/27/2005	2:20:47 AM	
1	10/27/2005	2:20:47 AM	
1	10/27/2005	2:21:48 AM	
1	10/27/2005	2:21:48 AM	
1	10/27/2005	2:21:49 AM	
1	10/27/2005	4:56:55 AM	
1	10/27/2005	4:56:55 AM	
1	10/27/2005	6:18:46 AM	
1	10/27/2005	6:18:46 AM	
1	10/27/2005	6:21:01 AM	
1	10/27/2005	6:21:02 AM	
1	10/27/2005	6:21:02 AM	
1	10/27/2005	6:25:05 AM	
1	10/27/2005	6:25:05 AM	
1	10/27/2005	6:25:05 AM	
1	10/27/2005	6:25:05 AM	
1	10/27/2005	6:30:13 AM	
1	10/27/2005	6:30:13 AM	
1	10/27/2005	6:32:05 AM	
1	10/27/2005	6:32:05 AM	
1	10/27/2005	6:58:30 AM	
1	10/27/2005	6:58:31 AM	
1	10/27/2005	7:06:29 AM	
1	10/27/2005	7:06:30 AM	
1	10/27/2005	7:06:30 AM	
3	10/27/2005	7:39:32 AM	
1	10/27/2005	7:39:32 AM	
1	10/27/2005	10:50:31 AM	
1	10/27/2005	10:50:38 AM	
1	10/27/2005	10:50:40 AM	
1	10/27/2005	10:54:36 AM	
1	10/27/2005	11:01:29 AM	
1	10/27/2005	11:01:29 AM	
1	10/27/2005	11:19:17 AM	
1	10/27/2005	11:19:18 AM	
1	10/27/2005	11:20:57 AM	
1	10/27/2005	11:20:57 AM	
1	10/27/2005	11:37:41 AM	
1	10/27/2005	11:37:42 AM	
1	10/27/2005	12:04:18 PM	
1	10/27/2005	12:04:18 PM	
1	10/27/2005	12:26:24 PM	
1	10/27/2005	12:26:25 PM	
1	10/27/2005	12:51:04 PM	
1	10/27/2005	12:51:04 PM	
1	10/27/2005	12:51:05 PM	
1	10/27/2005	12:51:05 PM	
1	10/27/2005	12:51:05 PM	
1	10/27/2005	12:52:20 PM	
1	10/27/2005	12:52:20 PM	
1	10/27/2005	12:52:40 PM	
1	10/27/2005	12:52:40 PM	
1	10/27/2005	12:52:44 PM	
1	10/27/2005	12:52:44 PM	
1	10/27/2005	12:52:49 PM	
1	10/27/2005	12:52:49 PM	
1	10/27/2005	12:52:49 PM	
1	10/27/2005	12:54:18 PM	
1	10/27/2005	12:54:18 PM	
1	10/27/2005	12:54:20 PM	
1	10/27/2005	12:54:20 PM	
1	10/27/2005	12:54:20 PM	
1	10/27/2005	12:54:21 PM	
1	10/27/2005	12:54:58 PM	
1	10/27/2005	12:54:59 PM	
1	10/27/2005	12:55:38 PM	
1	10/27/2005	12:56:18 PM	
1	10/27/2005	12:56:18 PM	
1	10/27/2005	12:56:19 PM	
1	10/27/2005	12:57:17 PM	
1	10/27/2005	12:57:18 PM	
1	10/27/2005	1:00:00 PM	
1	10/27/2005	1:00:01 PM	
1	10/27/2005	1:01:48 PM	
1	10/27/2005	1:01:48 PM	
1	10/27/2005	1:01:48 PM	
1	10/27/2005	1:02:59 PM	
1	10/27/2005	1:02:59 PM	
1	10/27/2005	1:02:59 PM	
1	10/27/2005	1:04:48 PM	
1	10/27/2005	1:04:48 PM	
1	10/27/2005	1:04:49 PM	
1	10/27/2005	1:04:49 PM	
1	10/27/2005	1:06:24 PM	
1	10/27/2005	1:06:25 PM	
1	10/27/2005	1:07:29 PM	
1	10/27/2005	1:07:30 PM	
1	10/27/2005	1:07:30 PM	
1	10/27/2005	1:09:20 PM	
1	10/27/2005	1:09:21 PM	
1	10/27/2005	1:09:21 PM	
1	10/27/2005	1:09:21 PM	
1	10/27/2005	1:19:15 PM	
1	10/27/2005	1:24:39 PM	
1	10/27/2005	1:24:40 PM	
1	10/27/2005	1:28:24 PM	
1	10/27/2005	1:28:24 PM	
1	10/27/2005	1:28:31 PM	
1	10/27/2005	1:28:32 PM	

SITE 14 OCT 27-29 JAMAR 8

1 10/27/2005 1:28:59 PM
1 10/27/2005 1:29:00 PM
1 10/27/2005 1:29:00 PM
1 10/27/2005 1:29:33 PM
1 10/27/2005 1:29:33 PM
1 10/27/2005 1:35:15 PM
1 10/27/2005 1:35:15 PM
1 10/27/2005 1:35:15 PM
1 10/27/2005 1:35:45 PM
1 10/27/2005 1:35:46 PM
1 10/27/2005 1:35:46 PM
1 10/27/2005 1:45:42 PM
1 10/27/2005 1:45:42 PM
1 10/27/2005 1:45:42 PM
1 10/27/2005 2:17:39 PM
1 10/27/2005 2:17:39 PM
1 10/27/2005 2:17:40 PM
1 10/27/2005 2:18:45 PM
1 10/27/2005 2:18:46 PM
1 10/27/2005 2:18:46 PM
1 10/27/2005 2:23:46 PM
1 10/27/2005 2:23:46 PM
1 10/27/2005 2:23:53 PM
1 10/27/2005 2:23:54 PM
1 10/27/2005 2:39:56 PM
1 10/27/2005 2:39:57 PM
1 10/27/2005 2:39:57 PM
1 10/27/2005 2:47:40 PM
1 10/27/2005 2:47:41 PM
1 10/27/2005 2:47:41 PM
1 10/27/2005 2:53:50 PM
1 10/27/2005 2:53:50 PM
1 10/27/2005 3:06:56 PM
1 10/27/2005 3:06:56 PM
1 10/27/2005 3:06:56 PM
1 10/27/2005 3:29:13 PM
1 10/27/2005 3:29:14 PM
1 10/27/2005 3:31:25 PM
1 10/27/2005 3:31:26 PM
1 10/27/2005 3:46:47 PM
1 10/27/2005 3:46:47 PM
1 10/27/2005 3:47:49 PM
1 10/27/2005 3:47:49 PM
1 10/27/2005 3:50:13 PM
1 10/27/2005 3:50:13 PM
1 10/27/2005 3:52:23 PM
1 10/27/2005 3:52:23 PM
1 10/27/2005 3:52:24 PM
1 10/27/2005 3:52:45 PM
1 10/27/2005 3:52:45 PM
1 10/27/2005 3:52:49 PM
1 10/27/2005 3:52:51 PM
1 10/27/2005 3:52:53 PM
1 10/27/2005 3:55:37 PM
1 10/27/2005 3:55:38 PM
1 10/27/2005 4:54:52 PM
1 10/27/2005 4:54:52 PM
1 10/27/2005 4:54:53 PM
1 10/27/2005 4:54:53 PM
1 10/27/2005 5:02:03 PM
1 10/27/2005 5:02:03 PM
1 10/27/2005 5:07:58 PM
1 10/27/2005 5:07:59 PM
1 10/27/2005 5:14:19 PM
1 10/27/2005 5:14:20 PM
1 10/27/2005 6:15:15 PM
1 10/27/2005 6:15:16 PM
1 10/27/2005 6:16:23 PM
1 10/27/2005 6:16:23 PM
1 10/27/2005 6:28:28 PM
1 10/27/2005 6:28:28 PM
1 10/27/2005 6:28:39 PM
1 10/27/2005 6:28:39 PM
1 10/27/2005 7:09:01 PM
1 10/27/2005 7:09:01 PM
1 10/27/2005 7:55:34 PM
1 10/27/2005 7:55:34 PM
1 10/27/2005 8:35:48 PM
1 10/27/2005 8:35:48 PM
1 10/27/2005 8:38:10 PM
1 10/27/2005 8:38:10 PM
1 10/27/2005 8:38:11 PM
1 10/27/2005 8:38:11 PM
1 10/27/2005 8:53:23 PM
1 10/27/2005 8:53:23 PM
1 10/27/2005 9:02:36 PM
1 10/27/2005 9:02:37 PM
1 10/27/2005 9:07:23 PM
1 10/27/2005 9:07:24 PM
1 10/27/2005 9:07:24 PM
1 10/27/2005 10:08:00 PM
1 10/27/2005 10:08:01 PM
1 10/27/2005 10:08:26 PM
1 10/27/2005 10:08:27 PM

1 10/28/2005 12:57:32 AM
1 10/28/2005 12:57:32 AM
1 10/28/2005 12:57:40 AM
1 10/28/2005 12:57:41 AM
1 10/28/2005 1:06:43 AM
1 10/28/2005 1:06:43 AM
1 10/28/2005 1:07:41 AM

98 Results of axles divided by 2

SITE 14 OCT 27-29 JAMAR 8

1 10/28/2005 1:07:42 AM
 1 10/28/2005 4:57:07 AM
 1 10/28/2005 4:57:08 AM
 1 10/28/2005 5:25:34 AM
 1 10/28/2005 5:25:34 AM
 1 10/28/2005 5:50:21 AM
 1 10/28/2005 5:50:21 AM
 1 10/28/2005 6:05:11 AM
 1 10/28/2005 6:05:11 AM
 1 10/28/2005 6:50:50 AM
 1 10/28/2005 6:50:51 AM
 1 10/28/2005 7:01:31 AM
 1 10/28/2005 7:01:31 AM
 1 10/28/2005 7:01:33 AM
 1 10/28/2005 7:01:33 AM
 1 10/28/2005 7:01:34 AM
 1 10/28/2005 7:01:34 AM
 1 10/28/2005 7:04:09 AM
 1 10/28/2005 7:04:09 AM
 1 10/28/2005 7:04:09 AM
 1 10/28/2005 7:28:07 AM
 1 10/28/2005 7:28:07 AM
 1 10/28/2005 7:30:11 AM
 1 10/28/2005 7:30:11 AM
 1 10/28/2005 7:48:24 AM
 1 10/28/2005 7:48:24 AM
 1 10/28/2005 7:54:07 AM
 1 10/28/2005 7:54:07 AM
 1 10/28/2005 7:57:48 AM
 1 10/28/2005 7:57:48 AM
 1 10/28/2005 7:57:48 AM
 1 10/28/2005 7:57:51 AM
 1 10/28/2005 7:57:51 AM
 1 10/28/2005 7:57:51 AM
 1 10/28/2005 8:25:50 AM
 1 10/28/2005 8:25:50 AM
 1 10/28/2005 8:52:49 AM
 1 10/28/2005 8:52:50 AM
 1 10/28/2005 9:06:20 AM
 1 10/28/2005 9:06:21 AM
 1 10/28/2005 9:13:57 AM
 1 10/28/2005 9:13:57 AM
 1 10/28/2005 9:14:29 AM
 1 10/28/2005 9:21:53 AM
 1 10/28/2005 9:21:53 AM
 1 10/28/2005 9:27:17 AM
 1 10/28/2005 9:27:17 AM
 1 10/28/2005 9:28:08 AM
 1 10/28/2005 9:28:08 AM
 1 10/28/2005 9:28:17 AM
 1 10/28/2005 9:28:18 AM
 1 10/28/2005 9:59:41 AM
 1 10/28/2005 9:59:41 AM
 1 10/28/2005 10:03:52 AM
 1 10/28/2005 10:03:52 AM
 1 10/28/2005 10:13:19 AM
 1 10/28/2005 10:13:19 AM
 1 10/28/2005 10:13:55 AM
 1 10/28/2005 10:14:03 AM
 1 10/28/2005 10:14:04 AM
 1 10/28/2005 10:22:51 AM
 1 10/28/2005 10:22:51 AM
 1 10/28/2005 10:22:51 AM
 1 10/28/2005 10:22:52 AM
 1 10/28/2005 10:34:31 AM
 1 10/28/2005 10:34:31 AM
 1 10/28/2005 10:36:16 AM
 1 10/28/2005 10:36:16 AM
 1 10/28/2005 10:41:35 AM
 1 10/28/2005 10:41:36 AM
 1 10/28/2005 10:41:36 AM
 1 10/28/2005 10:52:57 AM
 1 10/28/2005 10:52:57 AM
 1 10/28/2005 10:52:57 AM
 1 10/28/2005 10:52:57 AM
 1 10/28/2005 11:03:37 AM
 1 10/28/2005 11:03:37 AM
 1 10/28/2005 11:13:02 AM
 1 10/28/2005 11:13:41 AM
 1 10/28/2005 11:13:42 AM
 1 10/28/2005 11:13:49 AM
 1 10/28/2005 11:15:30 AM
 1 10/28/2005 11:15:30 AM
 1 10/28/2005 11:15:30 AM
 1 10/28/2005 11:34:18 AM
 1 10/28/2005 11:34:18 AM
 1 10/28/2005 11:37:49 AM
 1 10/28/2005 11:37:50 AM
 1 10/28/2005 11:48:13 AM
 1 10/28/2005 11:48:13 AM
 1 10/28/2005 11:51:09 AM
 1 10/28/2005 11:51:10 AM
 1 10/28/2005 11:51:10 AM
 1 10/28/2005 11:51:49 AM
 1 10/28/2005 11:51:50 AM
 1 10/28/2005 11:52:47 AM
 1 10/28/2005 11:52:47 AM
 1 10/28/2005 12:11:34 PM
 1 10/28/2005 12:11:35 PM
 1 10/28/2005 12:20:36 PM

SITE 14 OCT 27-29 JAMAR 8

1 10/28/2005 12:20:36 PM
1 10/28/2005 12:53:21 PM
1 10/28/2005 12:53:21 PM
1 10/28/2005 12:55:30 PM
1 10/28/2005 12:55:30 PM
1 10/28/2005 12:55:30 PM
1 10/28/2005 12:58:35 PM
1 10/28/2005 12:58:35 PM
1 10/28/2005 1:21:07 PM
1 10/28/2005 1:21:08 PM
1 10/28/2005 1:27:20 PM
1 10/28/2005 1:27:21 PM
1 10/28/2005 1:43:06 PM
1 10/28/2005 1:43:07 PM
1 10/28/2005 1:46:28 PM
1 10/28/2005 1:46:28 PM
1 10/28/2005 1:46:29 PM
1 10/28/2005 1:46:29 PM
1 10/28/2005 1:46:29 PM
1 10/28/2005 1:46:30 PM
1 10/28/2005 1:53:54 PM
1 10/28/2005 1:53:54 PM
1 10/28/2005 1:53:55 PM
1 10/28/2005 1:56:38 PM
1 10/28/2005 1:56:39 PM
1 10/28/2005 1:59:04 PM
1 10/28/2005 1:59:05 PM
1 10/28/2005 1:59:26 PM
1 10/28/2005 1:59:26 PM
1 10/28/2005 1:59:26 PM
1 10/28/2005 2:13:56 PM
1 10/28/2005 2:13:56 PM
1 10/28/2005 2:13:56 PM
1 10/28/2005 2:14:48 PM
1 10/28/2005 2:14:49 PM
1 10/28/2005 2:16:54 PM
1 10/28/2005 2:16:55 PM
1 10/28/2005 2:16:55 PM
1 10/28/2005 2:23:38 PM
1 10/28/2005 2:23:39 PM
1 10/28/2005 2:23:46 PM
1 10/28/2005 2:23:46 PM
1 10/28/2005 2:23:47 PM
1 10/28/2005 2:23:47 PM
1 10/28/2005 2:24:57 PM
1 10/28/2005 2:24:57 PM
1 10/28/2005 2:38:19 PM
1 10/28/2005 2:38:20 PM
1 10/28/2005 2:38:20 PM
1 10/28/2005 2:50:14 PM
1 10/28/2005 2:50:14 PM
1 10/28/2005 2:51:40 PM
1 10/28/2005 2:51:41 PM
1 10/28/2005 3:09:41 PM
1 10/28/2005 3:09:59 PM
1 10/28/2005 3:10:05 PM
1 10/28/2005 3:10:11 PM
1 10/28/2005 3:18:03 PM
1 10/28/2005 3:18:17 PM
1 10/28/2005 3:19:15 PM
1 10/28/2005 3:19:16 PM
1 10/28/2005 3:45:22 PM
1 10/28/2005 3:45:22 PM
1 10/28/2005 3:52:00 PM
1 10/28/2005 3:52:01 PM
1 10/28/2005 4:21:31 PM
1 10/28/2005 4:21:32 PM
1 10/28/2005 4:22:43 PM
1 10/28/2005 4:22:43 PM
1 10/28/2005 4:46:24 PM
1 10/28/2005 4:46:24 PM
1 10/28/2005 5:12:56 PM
1 10/28/2005 5:12:57 PM
1 10/28/2005 5:16:17 PM
1 10/28/2005 5:16:18 PM
1 10/28/2005 5:24:53 PM
1 10/28/2005 5:24:53 PM
1 10/28/2005 5:32:28 PM
1 10/28/2005 5:32:28 PM
1 10/28/2005 5:34:38 PM
1 10/28/2005 5:34:38 PM
1 10/28/2005 5:50:20 PM
1 10/28/2005 5:51:57 PM
1 10/28/2005 5:51:57 PM
1 10/28/2005 5:51:57 PM
1 10/28/2005 6:05:09 PM
1 10/28/2005 6:05:09 PM
1 10/28/2005 7:20:35 PM
1 10/28/2005 7:20:36 PM
1 10/28/2005 7:37:49 PM
1 10/28/2005 7:37:49 PM
1 10/28/2005 7:39:27 PM
1 10/28/2005 7:39:28 PM
1 10/28/2005 7:47:04 PM
1 10/28/2005 7:47:04 PM
1 10/28/2005 7:47:40 PM
1 10/28/2005 7:47:41 PM
1 10/28/2005 8:54:15 PM
1 10/28/2005 8:54:15 PM
1 10/28/2005 9:05:51 PM
1 10/28/2005 9:05:51 PM
1 10/28/2005 9:41:27 PM

SITE 14 OCT 27-29 JAMAR 8

1 10/28/2005 9:41:28 PM
1 10/28/2005 9:42:44 PM
1 10/28/2005 9:42:45 PM

107 Results of axes divided by 2

1 10/29/2005 12:04:34 AM
1 10/29/2005 12:04:34 AM
1 10/29/2005 12:05:19 AM
1 10/29/2005 12:05:19 AM
1 10/29/2005 4:57:22 AM
1 10/29/2005 4:57:23 AM
1 10/29/2005 6:22:04 AM
1 10/29/2005 6:22:05 AM
1 10/29/2005 6:23:00 AM
1 10/29/2005 6:23:00 AM
1 10/29/2005 6:23:00 AM
1 10/29/2005 6:23:00 AM
1 10/29/2005 6:58:52 AM
1 10/29/2005 6:58:53 AM
1 10/29/2005 7:08:38 AM
1 10/29/2005 7:08:39 AM
1 10/29/2005 7:10:59 AM
1 10/29/2005 7:11:00 AM
1 10/29/2005 7:43:29 AM
1 10/29/2005 7:43:29 AM
1 10/29/2005 7:43:29 AM
1 10/29/2005 8:45:25 AM
1 10/29/2005 8:45:26 AM
1 10/29/2005 8:46:25 AM
1 10/29/2005 8:46:26 AM
1 10/29/2005 8:59:47 AM
1 10/29/2005 8:59:48 AM
1 10/29/2005 9:00:35 AM
1 10/29/2005 9:00:35 AM
1 10/29/2005 9:30:59 AM
1 10/29/2005 9:31:00 AM
1 10/29/2005 9:33:17 AM
1 10/29/2005 9:33:17 AM
1 10/29/2005 9:33:17 AM
1 10/29/2005 9:33:17 AM
1 10/29/2005 9:43:09 AM
1 10/29/2005 9:43:09 AM
1 10/29/2005 9:44:23 AM
1 10/29/2005 9:44:23 AM
1 10/29/2005 9:49:55 AM
1 10/29/2005 9:49:56 AM
1 10/29/2005 9:50:47 AM
1 10/29/2005 9:50:47 AM
1 10/29/2005 9:50:47 AM
1 10/29/2005 9:50:51 AM
1 10/29/2005 9:50:52 AM
1 10/29/2005 9:51:12 AM
1 10/29/2005 9:51:13 AM
1 10/29/2005 9:52:44 AM
1 10/29/2005 9:52:45 AM
1 10/29/2005 10:42:38 AM
1 10/29/2005 10:42:38 AM
1 10/29/2005 10:46:32 AM
1 10/29/2005 10:46:32 AM
1 10/29/2005 10:46:46 AM
1 10/29/2005 10:46:53 AM
1 10/29/2005 11:10:11 AM
1 10/29/2005 11:10:11 AM
1 10/29/2005 11:58:20 AM
1 10/29/2005 11:58:20 AM
1 10/29/2005 12:01:44 PM
1 10/29/2005 12:01:44 PM
1 10/29/2005 12:36:36 PM
1 10/29/2005 12:36:36 PM
1 10/29/2005 12:36:37 PM
1 10/29/2005 1:09:37 PM
1 10/29/2005 1:09:37 PM
1 10/29/2005 1:11:37 PM
1 10/29/2005 1:11:38 PM
1 10/29/2005 1:11:38 PM
1 10/29/2005 1:11:38 PM
1 10/29/2005 1:15:21 PM
1 10/29/2005 1:15:21 PM
1 10/29/2005 1:15:21 PM
1 10/29/2005 1:24:24 PM
1 10/29/2005 1:24:24 PM
1 10/29/2005 1:36:39 PM
1 10/29/2005 1:36:40 PM
1 10/29/2005 1:46:15 PM
1 10/29/2005 1:46:16 PM
1 10/29/2005 1:48:26 PM
1 10/29/2005 1:48:26 PM
1 10/29/2005 1:55:38 PM
1 10/29/2005 1:55:39 PM
1 10/29/2005 1:55:39 PM
1 10/29/2005 2:04:07 PM
1 10/29/2005 2:06:28 PM
1 10/29/2005 2:06:28 PM
1 10/29/2005 2:06:28 PM
1 10/29/2005 2:11:37 PM
1 10/29/2005 2:11:37 PM
1 10/29/2005 2:11:37 PM
1 10/29/2005 2:34:51 PM
1 10/29/2005 2:35:06 PM
1 10/29/2005 2:35:07 PM
1 10/29/2005 2:35:07 PM
1 10/29/2005 2:35:38 PM
1 10/29/2005 2:35:38 PM
1 10/29/2005 2:48:15 PM
1 10/29/2005 2:48:16 PM
1 10/29/2005 3:02:01 PM
1 10/29/2005 3:02:02 PM
1 10/29/2005 3:15:23 PM
1 10/29/2005 3:15:23 PM

SITE 14 OCT 27-29 JAMAR 8

1 10/29/2005 3:15:23 PM
1 10/29/2005 3:15:23 PM
1 10/29/2005 3:18:16 PM
1 10/29/2005 3:18:17 PM
1 10/29/2005 3:30:40 PM
1 10/29/2005 3:30:41 PM
1 10/29/2005 3:59:07 PM
1 10/29/2005 3:59:07 PM
1 10/29/2005 4:06:38 PM
1 10/29/2005 4:06:38 PM
1 10/29/2005 4:21:02 PM
1 10/29/2005 4:21:02 PM
1 10/29/2005 4:21:02 PM
1 10/29/2005 4:31:34 PM
1 10/29/2005 4:31:35 PM
1 10/29/2005 4:45:37 PM
1 10/29/2005 4:48:18 PM
1 10/29/2005 4:48:32 PM
1 10/29/2005 4:48:33 PM
1 10/29/2005 5:14:55 PM
1 10/29/2005 5:14:56 PM
1 10/29/2005 5:15:15 PM
1 10/29/2005 5:19:18 PM
1 10/29/2005 5:19:19 PM
1 10/29/2005 5:19:45 PM
1 10/29/2005 5:19:46 PM
1 10/29/2005 5:19:46 PM
1 10/29/2005 5:53:18 PM
1 10/29/2005 5:53:19 PM
1 10/29/2005 5:54:44 PM
1 10/29/2005 5:54:44 PM
1 10/29/2005 6:12:04 PM
1 10/29/2005 6:12:05 PM
1 10/29/2005 7:01:10 PM
1 10/29/2005 7:01:10 PM
1 10/29/2005 8:08:21 PM
1 10/29/2005 8:08:22 PM
1 10/29/2005 8:09:21 PM
1 10/29/2005 8:09:21 PM
1 10/29/2005 8:35:58 PM
1 10/29/2005 8:35:58 PM
1 10/29/2005 8:37:14 PM
1 10/29/2005 8:37:34 PM
1 10/29/2005 8:37:35 PM
1 10/29/2005 9:11:18 PM
1 10/29/2005 9:11:18 PM
1 10/29/2005 9:11:18 PM
1 10/29/2005 10:04:18 PM
1 10/29/2005 10:05:44 PM
1 10/29/2005 10:05:45 PM
1 10/29/2005 10:20:38 PM
1 10/29/2005 10:37:56 PM
1 10/29/2005 10:39:50 PM
1 10/29/2005 10:39:51 PM
1 10/29/2005 10:47:13 PM
1 10/29/2005 10:47:13 PM
1 10/29/2005 10:48:24 PM
1 10/29/2005 10:48:24 PM
1 10/29/2005 10:49:57 PM
1 10/29/2005 10:49:57 PM
1 10/29/2005 10:52:01 PM
1 10/29/2005 10:52:02 PM

82 Results of axles divided by 2

SITE 15 OCT 27-29 JAMAR 7

Sensor	Date	Time	Count
1	10/27/2005	12:04:05 AM	
1	10/27/2005	12:04:05 AM	
1	10/27/2005	1:13:10 AM	
1	10/27/2005	1:13:10 AM	
1	10/27/2005	1:13:10 AM	
1	10/27/2005	1:20:42 AM	
1	10/27/2005	1:20:42 AM	
1	10/27/2005	2:39:05 AM	
1	10/27/2005	2:39:05 AM	
1	10/27/2005	2:52:44 AM	
1	10/27/2005	2:52:44 AM	
1	10/27/2005	4:06:38 AM	
1	10/27/2005	4:06:39 AM	
1	10/27/2005	4:51:14 AM	
1	10/27/2005	4:51:15 AM	
1	10/27/2005	4:52:02 AM	
1	10/27/2005	4:52:03 AM	
1	10/27/2005	5:19:49 AM	
1	10/27/2005	5:19:50 AM	
1	10/27/2005	5:32:46 AM	
1	10/27/2005	5:32:47 AM	
1	10/27/2005	5:38:35 AM	
1	10/27/2005	5:38:35 AM	
1	10/27/2005	5:38:36 AM	
1	10/27/2005	5:38:36 AM	
1	10/27/2005	6:08:33 AM	
1	10/27/2005	6:08:33 AM	
1	10/27/2005	6:10:12 AM	
1	10/27/2005	6:10:12 AM	
1	10/27/2005	6:11:34 AM	
1	10/27/2005	6:11:34 AM	
1	10/27/2005	6:12:10 AM	
1	10/27/2005	6:12:11 AM	
1	10/27/2005	6:23:47 AM	
1	10/27/2005	6:23:48 AM	
1	10/27/2005	6:29:02 AM	
1	10/27/2005	6:29:02 AM	
1	10/27/2005	6:29:02 AM	
1	10/27/2005	6:29:02 AM	
1	10/27/2005	6:29:02 AM	
1	10/27/2005	6:35:18 AM	
1	10/27/2005	6:35:19 AM	
1	10/27/2005	6:42:23 AM	
1	10/27/2005	6:42:24 AM	
1	10/27/2005	6:51:21 AM	
1	10/27/2005	6:51:21 AM	
1	10/27/2005	6:59:19 AM	
1	10/27/2005	6:59:20 AM	
1	10/27/2005	6:59:24 AM	
1	10/27/2005	6:59:25 AM	
1	10/27/2005	7:15:02 AM	
1	10/27/2005	7:15:03 AM	
1	10/27/2005	7:19:29 AM	
1	10/27/2005	7:19:29 AM	
1	10/27/2005	7:19:30 AM	
1	10/27/2005	7:19:30 AM	
1	10/27/2005	7:29:42 AM	
1	10/27/2005	7:29:42 AM	
1	10/27/2005	7:31:29 AM	
1	10/27/2005	7:31:30 AM	
1	10/27/2005	7:40:45 AM	
1	10/27/2005	7:40:45 AM	
1	10/27/2005	7:45:14 AM	
1	10/27/2005	7:45:14 AM	
1	10/27/2005	7:56:00 AM	
1	10/27/2005	7:56:00 AM	
1	10/27/2005	8:00:45 AM	
1	10/27/2005	8:00:46 AM	
1	10/27/2005	8:00:46 AM	
1	10/27/2005	8:25:00 AM	
1	10/27/2005	8:25:00 AM	
1	10/27/2005	8:37:10 AM	
1	10/27/2005	8:37:11 AM	
1	10/27/2005	8:44:22 AM	
1	10/27/2005	8:44:22 AM	
1	10/27/2005	8:44:30 AM	
1	10/27/2005	8:44:31 AM	
1	10/27/2005	8:45:03 AM	
1	10/27/2005	8:45:03 AM	
1	10/27/2005	8:50:54 AM	
1	10/27/2005	8:50:54 AM	
1	10/27/2005	8:51:40 AM	
1	10/27/2005	8:51:40 AM	
1	10/27/2005	8:54:35 AM	
1	10/27/2005	8:54:36 AM	
1	10/27/2005	9:00:58 AM	
1	10/27/2005	9:00:59 AM	
1	10/27/2005	9:38:35 AM	
1	10/27/2005	9:38:36 AM	
1	10/27/2005	9:51:23 AM	
1	10/27/2005	9:51:24 AM	
1	10/27/2005	10:14:36 AM	
1	10/27/2005	10:14:36 AM	
1	10/27/2005	10:27:24 AM	
1	10/27/2005	10:27:26 AM	
1	10/27/2005	10:27:26 AM	
1	10/27/2005	10:34:13 AM	
1	10/27/2005	10:34:13 AM	
1	10/27/2005	10:34:17 AM	
1	10/27/2005	10:34:17 AM	
1	10/27/2005	10:34:18 AM	
1	10/27/2005	10:34:18 AM	

SITE 15 OCT 27-29 JAMAR 7

1 10/27/2005 10:34:18 AM
 1 10/27/2005 10:34:18 AM
 1 10/27/2005 10:34:18 AM
 1 10/27/2005 10:34:19 AM
 1 10/27/2005 10:34:19 AM
 1 10/27/2005 10:34:19 AM
 1 10/27/2005 10:34:19 AM
 1 10/27/2005 10:34:19 AM
 1 10/27/2005 10:34:21 AM
 1 10/27/2005 10:34:22 AM
 1 10/27/2005 10:34:22 AM
 1 10/27/2005 10:34:26 AM
 1 10/27/2005 10:34:35 AM
 1 10/27/2005 10:34:37 AM
 1 10/27/2005 10:34:37 AM
 1 10/27/2005 10:34:37 AM
 1 10/27/2005 10:34:38 AM
 1 10/27/2005 10:35:19 AM
 1 10/27/2005 10:35:20 AM
 1 10/27/2005 10:35:21 AM
 1 10/27/2005 10:35:21 AM
 1 10/27/2005 10:39:17 AM
 1 10/27/2005 10:39:17 AM
 1 10/27/2005 10:40:56 AM
 1 10/27/2005 10:44:44 AM
 1 10/27/2005 10:48:07 AM
 1 10/27/2005 10:48:07 AM
 1 10/27/2005 10:50:15 AM
 1 10/27/2005 10:50:16 AM
 1 10/27/2005 10:50:31 AM
 1 10/27/2005 10:50:31 AM
 1 10/27/2005 11:02:10 AM
 1 10/27/2005 11:02:10 AM
 1 10/27/2005 11:02:11 AM
 1 10/27/2005 11:07:29 AM
 1 10/27/2005 11:07:29 AM
 1 10/27/2005 11:07:30 AM
 1 10/27/2005 11:07:30 AM
 1 10/27/2005 11:19:26 AM
 1 10/27/2005 11:19:27 AM
 1 10/27/2005 11:55:44 AM
 1 10/27/2005 11:55:45 AM
 1 10/27/2005 11:56:46 AM
 1 10/27/2005 11:56:47 AM
 1 10/27/2005 12:00:22 PM
 1 10/27/2005 12:00:23 PM
 1 10/27/2005 12:05:30 PM
 1 10/27/2005 12:05:31 PM
 1 10/27/2005 12:06:00 PM
 1 10/27/2005 12:06:00 PM
 1 10/27/2005 12:06:40 PM
 1 10/27/2005 12:06:41 PM
 1 10/27/2005 12:11:24 PM
 1 10/27/2005 12:11:25 PM
 1 10/27/2005 12:14:25 PM
 1 10/27/2005 12:14:25 PM
 1 10/27/2005 12:14:26 PM
 1 10/27/2005 12:14:26 PM
 1 10/27/2005 12:14:29 PM
 1 10/27/2005 12:14:29 PM
 1 10/27/2005 12:14:30 PM
 1 10/27/2005 12:20:40 PM
 1 10/27/2005 12:20:40 PM
 1 10/27/2005 12:21:18 PM
 1 10/27/2005 12:21:19 PM
 1 10/27/2005 12:25:14 PM
 1 10/27/2005 12:28:40 PM
 1 10/27/2005 12:28:40 PM
 1 10/27/2005 12:28:40 PM
 1 10/27/2005 12:28:41 PM
 1 10/27/2005 12:32:35 PM
 1 10/27/2005 12:32:35 PM
 1 10/27/2005 12:36:36 PM
 1 10/27/2005 12:36:36 PM
 1 10/27/2005 12:44:58 PM
 1 10/27/2005 12:44:59 PM
 1 10/27/2005 12:49:54 PM
 1 10/27/2005 12:49:55 PM
 1 10/27/2005 12:58:40 PM
 1 10/27/2005 12:58:40 PM
 1 10/27/2005 12:59:55 PM
 1 10/27/2005 12:59:55 PM
 1 10/27/2005 1:04:27 PM
 1 10/27/2005 1:04:27 PM
 1 10/27/2005 1:04:28 PM
 1 10/27/2005 1:04:28 PM
 1 10/27/2005 1:08:59 PM
 1 10/27/2005 1:09:34 PM
 1 10/27/2005 1:09:35 PM
 1 10/27/2005 1:09:35 PM
 1 10/27/2005 1:09:36 PM
 1 10/27/2005 1:22:41 PM
 1 10/27/2005 1:35:11 PM
 1 10/27/2005 1:35:12 PM
 1 10/27/2005 1:36:20 PM
 1 10/27/2005 1:36:21 PM
 1 10/27/2005 1:42:11 PM
 1 10/27/2005 1:42:12 PM
 1 10/27/2005 1:48:42 PM
 1 10/27/2005 1:48:42 PM
 1 10/27/2005 1:48:51 PM
 1 10/27/2005 1:48:51 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/27/2005 1:56:08 PM
1 10/27/2005 1:56:08 PM
1 10/27/2005 2:00:16 PM
1 10/27/2005 2:00:16 PM
1 10/27/2005 2:10:40 PM
1 10/27/2005 2:10:41 PM
1 10/27/2005 2:12:18 PM
1 10/27/2005 2:12:19 PM
1 10/27/2005 2:13:28 PM
1 10/27/2005 2:13:28 PM
1 10/27/2005 2:23:35 PM
1 10/27/2005 2:23:37 PM
1 10/27/2005 2:23:37 PM
1 10/27/2005 2:25:17 PM
1 10/27/2005 2:25:17 PM
1 10/27/2005 2:26:50 PM
1 10/27/2005 2:26:50 PM
1 10/27/2005 2:27:14 PM
1 10/27/2005 2:27:16 PM
1 10/27/2005 2:27:16 PM
1 10/27/2005 2:27:18 PM
1 10/27/2005 2:27:18 PM
1 10/27/2005 2:27:18 PM
1 10/27/2005 2:27:19 PM
1 10/27/2005 2:27:19 PM
1 10/27/2005 2:27:20 PM
1 10/27/2005 2:27:22 PM
1 10/27/2005 2:27:28 PM
1 10/27/2005 2:27:28 PM
1 10/27/2005 2:27:29 PM
1 10/27/2005 2:27:29 PM
1 10/27/2005 2:27:30 PM
1 10/27/2005 2:27:30 PM
1 10/27/2005 2:27:30 PM
1 10/27/2005 2:27:30 PM
1 10/27/2005 2:27:31 PM
1 10/27/2005 2:27:31 PM
1 10/27/2005 2:27:31 PM
1 10/27/2005 2:27:31 PM
1 10/27/2005 2:27:31 PM
1 10/27/2005 2:27:31 PM
1 10/27/2005 2:27:32 PM
1 10/27/2005 2:27:32 PM
1 10/27/2005 2:27:32 PM
1 10/27/2005 2:27:32 PM
1 10/27/2005 2:27:33 PM
1 10/27/2005 2:27:33 PM
1 10/27/2005 2:27:33 PM
1 10/27/2005 2:27:33 PM
1 10/27/2005 2:27:33 PM
1 10/27/2005 2:27:46 PM
1 10/27/2005 2:31:05 PM
1 10/27/2005 2:31:05 PM
1 10/27/2005 2:31:06 PM
1 10/27/2005 2:31:06 PM
1 10/27/2005 2:32:29 PM
1 10/27/2005 2:32:29 PM
1 10/27/2005 2:32:30 PM
1 10/27/2005 2:32:30 PM
1 10/27/2005 2:32:43 PM
1 10/27/2005 2:32:44 PM
1 10/27/2005 2:33:08 PM
1 10/27/2005 2:33:09 PM
1 10/27/2005 2:33:31 PM
1 10/27/2005 2:33:31 PM
1 10/27/2005 2:33:32 PM
1 10/27/2005 2:33:32 PM
1 10/27/2005 2:34:09 PM
1 10/27/2005 2:34:09 PM
1 10/27/2005 2:43:13 PM
1 10/27/2005 2:43:14 PM
1 10/27/2005 2:55:48 PM
1 10/27/2005 2:55:48 PM
1 10/27/2005 2:56:48 PM
1 10/27/2005 2:56:48 PM
1 10/27/2005 2:56:48 PM
1 10/27/2005 2:58:14 PM
1 10/27/2005 2:58:14 PM
1 10/27/2005 3:03:43 PM
1 10/27/2005 3:03:43 PM
1 10/27/2005 3:05:35 PM
1 10/27/2005 3:05:36 PM
1 10/27/2005 3:17:37 PM
1 10/27/2005 3:17:37 PM
1 10/27/2005 3:17:37 PM
1 10/27/2005 3:21:35 PM
1 10/27/2005 3:21:35 PM
1 10/27/2005 3:22:03 PM
1 10/27/2005 3:22:03 PM
1 10/27/2005 3:22:22 PM
1 10/27/2005 3:22:23 PM
1 10/27/2005 3:23:45 PM
1 10/27/2005 3:23:46 PM
1 10/27/2005 3:27:06 PM
1 10/27/2005 3:27:07 PM
1 10/27/2005 3:27:30 PM
1 10/27/2005 3:27:30 PM
1 10/27/2005 3:27:30 PM
1 10/27/2005 3:27:30 PM
1 10/27/2005 3:28:46 PM
1 10/27/2005 3:28:47 PM
1 10/27/2005 3:31:55 PM
1 10/27/2005 3:31:56 PM
1 10/27/2005 3:32:09 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/27/2005 3:32:10 PM
1 10/27/2005 3:35:07 PM
1 10/27/2005 3:35:08 PM
1 10/27/2005 3:35:29 PM
1 10/27/2005 3:36:31 PM
1 10/27/2005 3:36:35 PM
1 10/27/2005 3:36:42 PM
1 10/27/2005 3:36:47 PM
1 10/27/2005 3:36:48 PM
1 10/27/2005 3:36:50 PM
1 10/27/2005 3:36:50 PM
1 10/27/2005 3:36:50 PM
1 10/27/2005 3:36:52 PM
1 10/27/2005 3:40:51 PM
1 10/27/2005 3:40:52 PM
1 10/27/2005 3:40:52 PM
1 10/27/2005 3:41:31 PM
1 10/27/2005 3:41:32 PM
1 10/27/2005 3:45:25 PM
1 10/27/2005 3:45:25 PM
1 10/27/2005 3:57:15 PM
1 10/27/2005 3:57:15 PM
1 10/27/2005 3:58:10 PM
1 10/27/2005 3:58:10 PM
1 10/27/2005 4:00:18 PM
1 10/27/2005 4:00:19 PM
1 10/27/2005 4:04:14 PM
1 10/27/2005 4:04:15 PM
1 10/27/2005 4:13:31 PM
1 10/27/2005 4:13:31 PM
1 10/27/2005 4:13:31 PM
1 10/27/2005 4:14:52 PM
1 10/27/2005 4:14:52 PM
1 10/27/2005 4:15:44 PM
1 10/27/2005 4:15:44 PM
1 10/27/2005 4:20:34 PM
1 10/27/2005 4:20:35 PM
1 10/27/2005 4:20:51 PM
1 10/27/2005 4:20:51 PM
1 10/27/2005 4:20:51 PM
1 10/27/2005 4:24:07 PM
1 10/27/2005 4:24:08 PM
1 10/27/2005 4:27:17 PM
1 10/27/2005 4:27:17 PM
1 10/27/2005 4:29:53 PM
1 10/27/2005 4:29:55 PM
1 10/27/2005 4:29:55 PM
1 10/27/2005 4:31:25 PM
1 10/27/2005 4:31:25 PM
1 10/27/2005 4:42:27 PM
1 10/27/2005 4:42:28 PM
1 10/27/2005 4:49:45 PM
1 10/27/2005 4:49:45 PM
1 10/27/2005 4:50:52 PM
1 10/27/2005 4:50:52 PM
1 10/27/2005 4:55:11 PM
1 10/27/2005 4:55:55 PM
1 10/27/2005 4:55:56 PM
1 10/27/2005 4:58:58 PM
1 10/27/2005 4:58:59 PM
1 10/27/2005 4:59:08 PM
1 10/27/2005 4:59:08 PM
1 10/27/2005 5:05:04 PM
1 10/27/2005 5:05:05 PM
1 10/27/2005 5:06:13 PM
1 10/27/2005 5:06:14 PM
1 10/27/2005 5:07:55 PM
1 10/27/2005 5:07:56 PM
1 10/27/2005 5:08:20 PM
1 10/27/2005 5:08:21 PM
1 10/27/2005 5:09:12 PM
1 10/27/2005 5:09:12 PM
1 10/27/2005 5:11:46 PM
1 10/27/2005 5:11:46 PM
1 10/27/2005 5:15:24 PM
1 10/27/2005 5:15:24 PM
1 10/27/2005 5:15:24 PM
1 10/27/2005 5:17:03 PM
1 10/27/2005 5:17:04 PM
1 10/27/2005 5:17:31 PM
1 10/27/2005 5:17:32 PM
1 10/27/2005 5:17:49 PM
1 10/27/2005 5:17:49 PM
1 10/27/2005 5:17:50 PM
1 10/27/2005 5:17:50 PM
1 10/27/2005 5:28:54 PM
1 10/27/2005 5:28:54 PM
1 10/27/2005 5:29:54 PM
1 10/27/2005 5:31:09 PM
1 10/27/2005 5:31:10 PM
1 10/27/2005 5:35:07 PM
1 10/27/2005 5:35:09 PM
1 10/27/2005 5:35:09 PM
1 10/27/2005 5:35:49 PM
1 10/27/2005 5:35:49 PM
1 10/27/2005 5:36:42 PM
1 10/27/2005 5:36:42 PM
1 10/27/2005 5:37:31 PM
1 10/27/2005 5:37:32 PM
1 10/27/2005 5:49:26 PM
1 10/27/2005 5:49:49 PM
1 10/27/2005 5:49:49 PM
1 10/27/2005 5:49:49 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/27/2005 5:49:49 PM
 1 10/27/2005 5:57:40 PM
 1 10/27/2005 5:57:40 PM
 1 10/27/2005 5:57:40 PM
 1 10/27/2005 5:57:40 PM
 1 10/27/2005 6:03:04 PM
 1 10/27/2005 6:03:05 PM
 1 10/27/2005 6:03:09 PM
 1 10/27/2005 6:03:09 PM
 1 10/27/2005 6:03:10 PM
 1 10/27/2005 6:03:10 PM
 1 10/27/2005 6:05:42 PM
 1 10/27/2005 6:05:43 PM
 1 10/27/2005 6:12:01 PM
 1 10/27/2005 6:12:02 PM
 1 10/27/2005 6:22:44 PM
 1 10/27/2005 6:22:44 PM
 1 10/27/2005 6:22:45 PM
 1 10/27/2005 6:22:46 PM
 1 10/27/2005 6:24:05 PM
 1 10/27/2005 6:24:06 PM
 1 10/27/2005 6:28:28 PM
 1 10/27/2005 6:28:28 PM
 1 10/27/2005 6:34:35 PM
 1 10/27/2005 6:34:35 PM
 1 10/27/2005 6:34:36 PM
 1 10/27/2005 6:34:36 PM
 1 10/27/2005 6:35:11 PM
 1 10/27/2005 6:35:12 PM
 1 10/27/2005 6:35:28 PM
 1 10/27/2005 6:35:28 PM
 1 10/27/2005 6:35:29 PM
 1 10/27/2005 6:35:29 PM
 1 10/27/2005 6:45:45 PM
 1 10/27/2005 6:45:45 PM
 1 10/27/2005 6:45:46 PM
 1 10/27/2005 6:45:46 PM
 1 10/27/2005 6:50:43 PM
 1 10/27/2005 6:50:43 PM
 1 10/27/2005 6:50:44 PM
 1 10/27/2005 6:54:23 PM
 1 10/27/2005 6:54:23 PM
 1 10/27/2005 6:59:05 PM
 1 10/27/2005 6:59:05 PM
 1 10/27/2005 7:01:57 PM
 1 10/27/2005 7:01:57 PM
 1 10/27/2005 7:02:09 PM
 1 10/27/2005 7:02:09 PM
 1 10/27/2005 7:06:04 PM
 1 10/27/2005 7:06:05 PM
 1 10/27/2005 7:06:44 PM
 1 10/27/2005 7:06:45 PM
 1 10/27/2005 7:13:53 PM
 1 10/27/2005 7:13:54 PM
 1 10/27/2005 7:16:01 PM
 1 10/27/2005 7:16:02 PM
 1 10/27/2005 7:17:24 PM
 1 10/27/2005 7:17:24 PM
 1 10/27/2005 7:17:39 PM
 1 10/27/2005 7:17:39 PM
 1 10/27/2005 7:21:42 PM
 1 10/27/2005 7:21:42 PM
 1 10/27/2005 7:38:51 PM
 1 10/27/2005 7:38:52 PM
 1 10/27/2005 7:38:52 PM
 1 10/27/2005 7:40:36 PM
 1 10/27/2005 7:40:36 PM
 1 10/27/2005 7:45:49 PM
 1 10/27/2005 7:45:49 PM
 1 10/27/2005 7:45:50 PM
 1 10/27/2005 7:45:50 PM
 1 10/27/2005 7:53:45 PM
 1 10/27/2005 7:53:45 PM
 1 10/27/2005 8:13:22 PM
 1 10/27/2005 8:13:23 PM
 1 10/27/2005 8:15:50 PM
 1 10/27/2005 8:15:51 PM
 1 10/27/2005 8:27:47 PM
 1 10/27/2005 8:27:47 PM
 1 10/27/2005 8:42:51 PM
 1 10/27/2005 8:42:51 PM
 1 10/27/2005 8:42:51 PM
 1 10/27/2005 8:42:52 PM
 1 10/27/2005 9:14:10 PM
 1 10/27/2005 9:14:11 PM
 1 10/27/2005 9:19:15 PM
 1 10/27/2005 9:19:15 PM
 1 10/27/2005 9:30:49 PM
 1 10/27/2005 9:30:49 PM
 1 10/27/2005 9:30:54 PM
 1 10/27/2005 9:30:54 PM
 1 10/27/2005 10:41:47 PM
 1 10/27/2005 10:41:47 PM

251 Results of axes divided by 2

1 10/28/2005 12:12:59 AM
 1 10/28/2005 12:13:00 AM
 1 10/28/2005 12:42:45 AM
 1 10/28/2005 12:42:46 AM
 1 10/28/2005 3:48:03 AM
 1 10/28/2005 3:48:04 AM
 1 10/28/2005 3:48:04 AM

SITE 15 OCT 27-29 JAMAR 7

1 10/28/2005 4:45:43 AM
 1 10/28/2005 4:45:43 AM
 1 10/28/2005 5:42:46 AM
 1 10/28/2005 5:42:46 AM
 1 10/28/2005 5:42:54 AM
 1 10/28/2005 5:42:54 AM
 1 10/28/2005 5:42:55 AM
 1 10/28/2005 5:42:55 AM
 1 10/28/2005 5:43:01 AM
 1 10/28/2005 5:43:02 AM
 1 10/28/2005 7:17:23 AM
 1 10/28/2005 7:17:25 AM
 1 10/28/2005 7:17:26 AM
 1 10/28/2005 7:17:26 AM
 1 10/28/2005 7:17:42 AM
 1 10/28/2005 7:17:43 AM
 1 10/28/2005 7:34:37 AM
 1 10/28/2005 7:34:38 AM
 1 10/28/2005 7:46:07 AM
 1 10/28/2005 7:46:08 AM
 1 10/28/2005 7:58:55 AM
 1 10/28/2005 7:58:55 AM
 1 10/28/2005 8:00:28 AM
 1 10/28/2005 8:00:29 AM
 1 10/28/2005 8:35:58 AM
 1 10/28/2005 8:35:59 AM
 1 10/28/2005 8:42:14 AM
 1 10/28/2005 8:55:46 AM
 1 10/28/2005 8:55:46 AM
 1 10/28/2005 9:20:40 AM
 1 10/28/2005 9:20:40 AM
 1 10/28/2005 9:28:54 AM
 1 10/28/2005 9:28:54 AM
 1 10/28/2005 9:31:16 AM
 1 10/28/2005 9:31:16 AM
 1 10/28/2005 9:32:55 AM
 1 10/28/2005 9:32:55 AM
 1 10/28/2005 9:32:55 AM
 1 10/28/2005 9:36:11 AM
 1 10/28/2005 9:36:11 AM
 1 10/28/2005 9:36:12 AM
 1 10/28/2005 9:36:12 AM
 1 10/28/2005 9:36:40 AM
 1 10/28/2005 9:36:41 AM
 1 10/28/2005 9:36:59 AM
 1 10/28/2005 9:36:59 AM
 1 10/28/2005 9:37:00 AM
 1 10/28/2005 9:37:00 AM
 1 10/28/2005 9:41:20 AM
 1 10/28/2005 9:41:20 AM
 1 10/28/2005 9:41:20 AM
 1 10/28/2005 9:46:19 AM
 1 10/28/2005 9:46:19 AM
 1 10/28/2005 10:05:37 AM
 1 10/28/2005 10:05:37 AM
 1 10/28/2005 10:05:37 AM
 1 10/28/2005 10:21:16 AM
 1 10/28/2005 10:21:17 AM
 1 10/28/2005 10:34:10 AM
 1 10/28/2005 10:34:11 AM
 1 10/28/2005 10:44:09 AM
 1 10/28/2005 10:44:09 AM
 1 10/28/2005 10:48:41 AM
 1 10/28/2005 10:48:41 AM
 1 10/28/2005 10:52:33 AM
 1 10/28/2005 10:52:33 AM
 1 10/28/2005 10:55:52 AM
 1 10/28/2005 10:57:23 AM
 1 10/28/2005 10:57:31 AM
 1 10/28/2005 10:57:32 AM
 1 10/28/2005 10:57:34 AM
 1 10/28/2005 10:57:34 AM
 1 10/28/2005 10:57:38 AM
 1 10/28/2005 10:57:39 AM
 1 10/28/2005 11:04:49 AM
 1 10/28/2005 11:04:50 AM
 1 10/28/2005 11:14:00 AM
 1 10/28/2005 11:14:00 AM
 1 10/28/2005 11:14:01 AM
 1 10/28/2005 11:17:00 AM
 1 10/28/2005 11:17:01 AM
 1 10/28/2005 11:24:24 AM
 1 10/28/2005 11:24:24 AM
 1 10/28/2005 11:25:46 AM
 1 10/28/2005 11:25:47 AM
 1 10/28/2005 11:25:48 AM
 1 10/28/2005 11:25:48 AM
 1 10/28/2005 11:31:44 AM
 1 10/28/2005 11:32:37 AM
 1 10/28/2005 11:32:38 AM
 1 10/28/2005 11:36:46 AM
 1 10/28/2005 11:36:46 AM
 1 10/28/2005 11:38:16 AM
 1 10/28/2005 11:38:16 AM
 1 10/28/2005 11:49:16 AM
 1 10/28/2005 11:49:16 AM
 1 10/28/2005 11:49:17 AM
 1 10/28/2005 11:51:53 AM
 1 10/28/2005 11:51:53 AM
 1 10/28/2005 11:53:56 AM
 1 10/28/2005 11:53:56 AM
 1 10/28/2005 11:54:38 AM

SITE 15 OCT 27-29 JAMAR 7

1 10/28/2005 11:54:38 AM
1 10/28/2005 11:55:42 AM
1 10/28/2005 11:55:42 AM
1 10/28/2005 12:01:20 PM
1 10/28/2005 12:01:21 PM
1 10/28/2005 12:01:21 PM
1 10/28/2005 12:18:55 PM
1 10/28/2005 12:18:56 PM
1 10/28/2005 12:38:46 PM
1 10/28/2005 12:51:26 PM
1 10/28/2005 12:51:27 PM
1 10/28/2005 12:52:14 PM
1 10/28/2005 12:52:14 PM
1 10/28/2005 1:21:19 PM
1 10/28/2005 1:21:20 PM
1 10/28/2005 1:23:42 PM
1 10/28/2005 1:23:43 PM
1 10/28/2005 1:23:43 PM
1 10/28/2005 1:25:44 PM
1 10/28/2005 1:25:45 PM
1 10/28/2005 1:26:24 PM
1 10/28/2005 1:26:25 PM
1 10/28/2005 1:31:27 PM
1 10/28/2005 1:31:27 PM
1 10/28/2005 1:38:09 PM
1 10/28/2005 1:38:10 PM
1 10/28/2005 1:41:57 PM
1 10/28/2005 1:41:57 PM
1 10/28/2005 2:02:04 PM
1 10/28/2005 2:02:04 PM
1 10/28/2005 2:14:48 PM
1 10/28/2005 2:14:49 PM
1 10/28/2005 2:27:54 PM
1 10/28/2005 2:27:55 PM
1 10/28/2005 2:33:45 PM
1 10/28/2005 2:33:46 PM
1 10/28/2005 2:39:38 PM
1 10/28/2005 2:39:39 PM
1 10/28/2005 2:54:13 PM
1 10/28/2005 2:54:14 PM
1 10/28/2005 2:54:18 PM
1 10/28/2005 2:54:25 PM
1 10/28/2005 2:54:25 PM
1 10/28/2005 3:00:42 PM
1 10/28/2005 3:00:43 PM
1 10/28/2005 3:00:47 PM
1 10/28/2005 3:00:48 PM
1 10/28/2005 3:02:16 PM
1 10/28/2005 3:02:17 PM
1 10/28/2005 3:03:49 PM
1 10/28/2005 3:03:50 PM
1 10/28/2005 3:05:44 PM
1 10/28/2005 3:05:44 PM
1 10/28/2005 3:06:33 PM
1 10/28/2005 3:06:33 PM
1 10/28/2005 3:06:34 PM
1 10/28/2005 3:06:34 PM
1 10/28/2005 3:06:41 PM
1 10/28/2005 3:06:42 PM
1 10/28/2005 3:06:52 PM
1 10/28/2005 3:06:53 PM
1 10/28/2005 3:07:44 PM
1 10/28/2005 3:07:44 PM
1 10/28/2005 3:16:17 PM
1 10/28/2005 3:16:17 PM
1 10/28/2005 3:18:23 PM
1 10/28/2005 3:19:38 PM
1 10/28/2005 3:19:39 PM
1 10/28/2005 3:19:55 PM
1 10/28/2005 3:19:56 PM
1 10/28/2005 3:20:38 PM
1 10/28/2005 3:20:38 PM
1 10/28/2005 3:23:09 PM
1 10/28/2005 3:23:09 PM
1 10/28/2005 3:38:57 PM
1 10/28/2005 3:38:57 PM
1 10/28/2005 3:38:57 PM
1 10/28/2005 3:38:57 PM
1 10/28/2005 4:30:11 PM
1 10/28/2005 4:30:11 PM
1 10/28/2005 4:32:03 PM
1 10/28/2005 4:32:04 PM
1 10/28/2005 4:39:07 PM
1 10/28/2005 4:39:07 PM
1 10/28/2005 4:41:41 PM
1 10/28/2005 4:41:42 PM
1 10/28/2005 4:45:12 PM
1 10/28/2005 4:45:13 PM
1 10/28/2005 4:47:11 PM
1 10/28/2005 4:47:11 PM
1 10/28/2005 4:47:23 PM
1 10/28/2005 4:47:24 PM
1 10/28/2005 4:53:54 PM
1 10/28/2005 4:53:54 PM
1 10/28/2005 5:00:22 PM
1 10/28/2005 5:00:23 PM
1 10/28/2005 5:04:02 PM
1 10/28/2005 5:04:02 PM
1 10/28/2005 5:10:36 PM
1 10/28/2005 5:10:37 PM
1 10/28/2005 5:11:43 PM
1 10/28/2005 5:11:43 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/28/2005 5:21:44 PM
 1 10/28/2005 5:21:44 PM
 1 10/28/2005 5:21:48 PM
 1 10/28/2005 5:21:49 PM
 1 10/28/2005 5:22:29 PM
 1 10/28/2005 5:22:29 PM
 1 10/28/2005 5:22:47 PM
 1 10/28/2005 5:22:48 PM
 1 10/28/2005 5:23:13 PM
 1 10/28/2005 5:23:14 PM
 1 10/28/2005 5:38:24 PM
 1 10/28/2005 5:38:25 PM
 1 10/28/2005 5:44:07 PM
 1 10/28/2005 5:44:07 PM
 1 10/28/2005 5:44:50 PM
 1 10/28/2005 5:44:51 PM
 1 10/28/2005 5:45:53 PM
 1 10/28/2005 5:45:53 PM
 1 10/28/2005 5:49:43 PM
 1 10/28/2005 5:49:44 PM
 1 10/28/2005 5:51:35 PM
 1 10/28/2005 5:51:37 PM
 1 10/28/2005 6:00:14 PM
 1 10/28/2005 6:00:15 PM
 1 10/28/2005 6:03:02 PM
 1 10/28/2005 6:03:10 PM
 1 10/28/2005 6:03:10 PM
 1 10/28/2005 6:03:45 PM
 1 10/28/2005 6:03:45 PM
 1 10/28/2005 6:05:28 PM
 1 10/28/2005 6:05:28 PM
 1 10/28/2005 6:05:28 PM
 1 10/28/2005 6:08:43 PM
 1 10/28/2005 6:08:43 PM
 1 10/28/2005 6:10:03 PM
 1 10/28/2005 6:10:04 PM
 1 10/28/2005 6:10:34 PM
 1 10/28/2005 6:10:35 PM
 1 10/28/2005 6:11:14 PM
 1 10/28/2005 6:11:14 PM
 1 10/28/2005 6:11:30 PM
 1 10/28/2005 6:11:31 PM
 1 10/28/2005 6:12:54 PM
 1 10/28/2005 6:12:54 PM
 1 10/28/2005 6:22:13 PM
 1 10/28/2005 6:22:13 PM
 1 10/28/2005 6:22:14 PM
 1 10/28/2005 6:30:41 PM
 1 10/28/2005 6:30:41 PM
 1 10/28/2005 6:30:42 PM
 1 10/28/2005 6:30:42 PM
 1 10/28/2005 6:31:33 PM
 1 10/28/2005 6:31:34 PM
 1 10/28/2005 6:31:39 PM
 1 10/28/2005 6:31:40 PM
 1 10/28/2005 6:42:37 PM
 1 10/28/2005 6:42:38 PM
 1 10/28/2005 6:44:19 PM
 1 10/28/2005 6:44:19 PM
 1 10/28/2005 6:45:49 PM
 1 10/28/2005 6:45:49 PM
 1 10/28/2005 6:45:49 PM
 1 10/28/2005 6:45:49 PM
 1 10/28/2005 6:49:59 PM
 1 10/28/2005 6:50:00 PM
 1 10/28/2005 6:50:34 PM
 1 10/28/2005 6:50:34 PM
 1 10/28/2005 6:55:35 PM
 1 10/28/2005 6:55:35 PM
 1 10/28/2005 6:55:50 PM
 1 10/28/2005 6:55:50 PM
 1 10/28/2005 6:56:07 PM
 1 10/28/2005 6:56:07 PM
 1 10/28/2005 6:56:08 PM
 1 10/28/2005 6:56:08 PM
 1 10/28/2005 7:02:14 PM
 1 10/28/2005 7:02:14 PM
 1 10/28/2005 7:02:36 PM
 1 10/28/2005 7:02:37 PM
 1 10/28/2005 7:02:37 PM
 1 10/28/2005 7:06:10 PM
 1 10/28/2005 7:06:10 PM
 1 10/28/2005 7:06:10 PM
 1 10/28/2005 7:06:10 PM
 1 10/28/2005 7:50:32 PM
 1 10/28/2005 7:50:32 PM
 1 10/28/2005 7:50:32 PM
 1 10/28/2005 7:50:32 PM
 1 10/28/2005 7:50:32 PM
 1 10/28/2005 8:02:05 PM
 1 10/28/2005 8:02:05 PM
 1 10/28/2005 8:33:29 PM
 1 10/28/2005 8:33:30 PM
 1 10/28/2005 8:53:33 PM
 1 10/28/2005 8:53:33 PM
 1 10/28/2005 8:53:34 PM
 1 10/28/2005 8:53:34 PM
 1 10/28/2005 9:00:13 PM
 1 10/28/2005 9:00:13 PM
 1 10/28/2005 9:00:14 PM
 1 10/28/2005 9:00:14 PM
 1 10/28/2005 9:00:28 PM
 1 10/28/2005 9:00:29 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/28/2005 9:00:37 PM
1 10/28/2005 9:00:37 PM
1 10/28/2005 9:00:38 PM
1 10/28/2005 9:00:38 PM
1 10/28/2005 9:08:53 PM
1 10/28/2005 9:08:54 PM
1 10/28/2005 9:11:30 PM
1 10/28/2005 9:15:17 PM
1 10/28/2005 9:15:18 PM
1 10/28/2005 9:16:43 PM
1 10/28/2005 9:16:43 PM
1 10/28/2005 9:40:53 PM
1 10/28/2005 9:40:53 PM
1 10/28/2005 9:40:54 PM
1 10/28/2005 10:11:28 PM
1 10/28/2005 10:11:29 PM
1 10/28/2005 10:43:21 PM
1 10/28/2005 10:43:22 PM
1 10/28/2005 10:49:43 PM
1 10/28/2005 10:49:43 PM
1 10/28/2005 10:49:44 PM
1 10/28/2005 10:49:44 PM
1 10/28/2005 11:03:08 PM
1 10/28/2005 11:03:08 PM
1 10/28/2005 11:07:52 PM
1 10/28/2005 11:07:52 PM
1 10/28/2005 11:10:39 PM
1 10/28/2005 11:10:40 PM
1 10/28/2005 11:13:51 PM
1 10/28/2005 11:13:52 PM
1 10/28/2005 11:46:35 PM
1 10/28/2005 11:46:35 PM
1 10/28/2005 11:50:44 PM
1 10/28/2005 11:50:44 PM

174 Results of axles divided by 2

1 10/29/2005 12:05:12 AM
1 10/29/2005 12:05:12 AM
1 10/29/2005 12:08:20 AM
1 10/29/2005 12:08:20 AM
1 10/29/2005 12:08:20 AM
1 10/29/2005 12:08:20 AM
1 10/29/2005 12:26:06 AM
1 10/29/2005 12:26:06 AM
1 10/29/2005 12:26:06 AM
1 10/29/2005 12:37:14 AM
1 10/29/2005 12:37:14 AM
1 10/29/2005 12:39:19 AM
1 10/29/2005 12:39:19 AM
1 10/29/2005 12:39:19 AM
1 10/29/2005 1:17:43 AM
1 10/29/2005 1:17:43 AM
1 10/29/2005 1:45:07 AM
1 10/29/2005 1:46:15 AM
1 10/29/2005 1:46:15 AM
1 10/29/2005 1:49:37 AM
1 10/29/2005 1:49:38 AM
1 10/29/2005 1:58:32 AM
1 10/29/2005 1:58:32 AM
1 10/29/2005 1:58:33 AM
1 10/29/2005 2:00:16 AM
1 10/29/2005 2:00:17 AM
1 10/29/2005 2:00:17 AM
1 10/29/2005 2:20:43 AM
1 10/29/2005 2:20:44 AM
1 10/29/2005 2:40:25 AM
1 10/29/2005 2:40:25 AM
1 10/29/2005 3:06:15 AM
1 10/29/2005 3:06:16 AM
1 10/29/2005 3:07:40 AM
1 10/29/2005 3:07:40 AM
1 10/29/2005 3:16:18 AM
1 10/29/2005 3:16:18 AM
1 10/29/2005 4:03:21 AM
1 10/29/2005 4:03:21 AM
1 10/29/2005 5:22:19 AM
1 10/29/2005 5:24:16 AM
1 10/29/2005 5:24:16 AM
1 10/29/2005 5:24:17 AM
1 10/29/2005 5:24:17 AM
1 10/29/2005 6:22:43 AM
1 10/29/2005 6:22:44 AM
1 10/29/2005 6:37:37 AM
1 10/29/2005 6:37:38 AM
1 10/29/2005 6:51:10 AM
1 10/29/2005 6:51:10 AM
1 10/29/2005 6:51:11 AM
1 10/29/2005 6:54:04 AM
1 10/29/2005 6:54:04 AM
1 10/29/2005 6:54:05 AM
1 10/29/2005 6:54:05 AM
1 10/29/2005 6:57:12 AM
1 10/29/2005 6:57:12 AM
1 10/29/2005 7:04:44 AM
1 10/29/2005 7:04:44 AM
1 10/29/2005 7:32:58 AM
1 10/29/2005 7:32:59 AM
1 10/29/2005 7:32:59 AM
1 10/29/2005 7:33:07 AM
1 10/29/2005 7:33:08 AM
1 10/29/2005 7:44:07 AM

SITE 15 OCT 27-29 JAMAR 7

1 10/29/2005 7:44:08 AM
 1 10/29/2005 7:44:08 AM
 1 10/29/2005 7:44:08 AM
 1 10/29/2005 7:44:08 AM
 1 10/29/2005 7:48:38 AM
 1 10/29/2005 7:48:39 AM
 1 10/29/2005 8:01:52 AM
 1 10/29/2005 8:01:52 AM
 1 10/29/2005 8:12:39 AM
 1 10/29/2005 8:12:39 AM
 1 10/29/2005 8:16:04 AM
 1 10/29/2005 8:16:04 AM
 1 10/29/2005 8:17:37 AM
 1 10/29/2005 8:17:38 AM
 1 10/29/2005 8:17:54 AM
 1 10/29/2005 8:17:54 AM
 1 10/29/2005 8:17:54 AM
 1 10/29/2005 8:17:54 AM
 1 10/29/2005 8:18:23 AM
 1 10/29/2005 8:18:23 AM
 1 10/29/2005 8:21:30 AM
 1 10/29/2005 8:21:30 AM
 1 10/29/2005 8:21:30 AM
 1 10/29/2005 8:21:30 AM
 1 10/29/2005 8:22:02 AM
 1 10/29/2005 8:22:03 AM
 1 10/29/2005 8:25:13 AM
 1 10/29/2005 8:25:13 AM
 1 10/29/2005 8:27:06 AM
 1 10/29/2005 8:27:06 AM
 1 10/29/2005 8:31:41 AM
 1 10/29/2005 8:31:41 AM
 1 10/29/2005 8:44:39 AM
 1 10/29/2005 8:44:39 AM
 1 10/29/2005 8:51:25 AM
 1 10/29/2005 8:51:25 AM
 1 10/29/2005 9:03:39 AM
 1 10/29/2005 9:03:39 AM
 1 10/29/2005 9:03:39 AM
 1 10/29/2005 9:08:06 AM
 1 10/29/2005 9:08:07 AM
 1 10/29/2005 9:10:19 AM
 1 10/29/2005 9:10:19 AM
 1 10/29/2005 9:10:19 AM
 1 10/29/2005 9:10:19 AM
 1 10/29/2005 9:28:13 AM
 1 10/29/2005 9:28:14 AM
 1 10/29/2005 9:28:14 AM
 1 10/29/2005 9:29:07 AM
 1 10/29/2005 9:29:06 AM
 1 10/29/2005 9:30:27 AM
 1 10/29/2005 9:30:28 AM
 1 10/29/2005 9:34:00 AM
 1 10/29/2005 9:34:00 AM
 1 10/29/2005 9:34:47 AM
 1 10/29/2005 9:34:48 AM
 1 10/29/2005 9:36:51 AM
 1 10/29/2005 9:42:08 AM
 1 10/29/2005 9:42:09 AM
 1 10/29/2005 9:42:50 AM
 1 10/29/2005 9:42:50 AM
 1 10/29/2005 9:42:50 AM
 1 10/29/2005 9:42:51 AM
 1 10/29/2005 9:42:51 AM
 1 10/29/2005 9:51:21 AM
 1 10/29/2005 9:51:21 AM
 1 10/29/2005 9:54:56 AM
 1 10/29/2005 9:54:57 AM
 1 10/29/2005 9:57:06 AM
 1 10/29/2005 9:57:06 AM
 1 10/29/2005 10:07:57 AM
 1 10/29/2005 10:07:58 AM
 1 10/29/2005 10:14:12 AM
 1 10/29/2005 10:21:59 AM
 1 10/29/2005 10:21:59 AM
 1 10/29/2005 10:32:10 AM
 1 10/29/2005 10:32:11 AM
 1 10/29/2005 10:32:15 AM
 1 10/29/2005 10:32:16 AM
 1 10/29/2005 10:32:16 AM
 1 10/29/2005 10:32:19 AM
 1 10/29/2005 10:32:20 AM
 1 10/29/2005 10:32:22 AM
 3 10/29/2005 10:32:22 AM
 4 10/29/2005 10:32:22 AM
 1 10/29/2005 10:32:22 AM
 2 10/29/2005 10:32:22 AM
 1 10/29/2005 10:49:21 AM
 1 10/29/2005 10:49:21 AM
 1 10/29/2005 10:49:21 AM
 1 10/29/2005 11:03:54 AM
 1 10/29/2005 11:03:54 AM
 1 10/29/2005 11:05:32 AM
 1 10/29/2005 11:05:33 AM
 1 10/29/2005 11:09:41 AM
 1 10/29/2005 11:09:42 AM
 1 10/29/2005 11:10:13 AM
 1 10/29/2005 11:10:14 AM
 1 10/29/2005 11:13:09 AM
 1 10/29/2005 11:13:10 AM
 1 10/29/2005 11:13:41 AM

SITE 15 OCT 27-29 JAMAR 7

1 10/29/2005 11:13:41 AM
 1 10/29/2005 11:16:55 AM
 1 10/29/2005 11:16:56 AM
 1 10/29/2005 11:25:17 AM
 1 10/29/2005 11:25:18 AM
 1 10/29/2005 11:31:44 AM
 1 10/29/2005 11:31:45 AM
 1 10/29/2005 11:31:46 AM
 1 10/29/2005 11:44:50 AM
 1 10/29/2005 11:44:50 AM
 1 10/29/2005 11:55:26 AM
 1 10/29/2005 11:55:27 AM
 1 10/29/2005 11:55:56 AM
 1 10/29/2005 11:55:57 AM
 1 10/29/2005 11:56:03 AM
 1 10/29/2005 11:56:03 AM
 1 10/29/2005 12:11:56 PM
 1 10/29/2005 12:11:56 PM
 1 10/29/2005 12:24:10 PM
 1 10/29/2005 12:24:11 PM
 1 10/29/2005 12:24:53 PM
 1 10/29/2005 12:24:53 PM
 1 10/29/2005 12:24:54 PM
 1 10/29/2005 12:24:54 PM
 1 10/29/2005 12:41:48 PM
 1 10/29/2005 12:41:48 PM
 1 10/29/2005 12:41:49 PM
 1 10/29/2005 12:41:49 PM
 1 10/29/2005 12:43:33 PM
 1 10/29/2005 12:43:33 PM
 1 10/29/2005 12:54:07 PM
 1 10/29/2005 12:54:08 PM
 1 10/29/2005 12:54:08 PM
 1 10/29/2005 1:00:13 PM
 1 10/29/2005 1:00:13 PM
 1 10/29/2005 1:08:36 PM
 1 10/29/2005 1:12:05 PM
 1 10/29/2005 1:12:06 PM
 1 10/29/2005 1:17:01 PM
 1 10/29/2005 1:29:31 PM
 1 10/29/2005 1:29:31 PM
 1 10/29/2005 1:31:31 PM
 1 10/29/2005 1:31:32 PM
 1 10/29/2005 1:34:00 PM
 1 10/29/2005 1:34:00 PM
 1 10/29/2005 1:39:19 PM
 1 10/29/2005 1:39:20 PM
 1 10/29/2005 1:39:23 PM
 1 10/29/2005 1:39:23 PM
 1 10/29/2005 1:50:03 PM
 1 10/29/2005 1:50:04 PM
 1 10/29/2005 2:02:25 PM
 1 10/29/2005 2:02:25 PM
 1 10/29/2005 2:06:53 PM
 1 10/29/2005 2:06:53 PM
 1 10/29/2005 2:07:36 PM
 1 10/29/2005 2:07:36 PM
 1 10/29/2005 2:09:52 PM
 1 10/29/2005 2:11:39 PM
 1 10/29/2005 2:11:39 PM
 1 10/29/2005 2:11:40 PM
 1 10/29/2005 2:17:50 PM
 1 10/29/2005 2:17:51 PM
 1 10/29/2005 2:20:43 PM
 1 10/29/2005 2:20:45 PM
 1 10/29/2005 2:20:48 PM
 1 10/29/2005 2:20:48 PM
 1 10/29/2005 2:20:48 PM
 1 10/29/2005 2:20:48 PM
 1 10/29/2005 2:20:49 PM
 1 10/29/2005 2:20:51 PM
 1 10/29/2005 2:20:55 PM
 1 10/29/2005 2:20:59 PM
 1 10/29/2005 2:21:03 PM
 1 10/29/2005 2:21:03 PM
 1 10/29/2005 2:21:04 PM
 1 10/29/2005 2:21:07 PM
 1 10/29/2005 2:21:07 PM
 1 10/29/2005 2:21:07 PM
 1 10/29/2005 2:21:07 PM
 1 10/29/2005 2:39:34 PM
 1 10/29/2005 2:39:34 PM
 1 10/29/2005 2:46:57 PM
 1 10/29/2005 2:46:58 PM
 1 10/29/2005 2:51:24 PM
 1 10/29/2005 2:51:25 PM
 1 10/29/2005 2:55:04 PM
 1 10/29/2005 2:55:04 PM
 1 10/29/2005 3:05:02 PM
 1 10/29/2005 3:05:02 PM
 1 10/29/2005 3:07:47 PM
 1 10/29/2005 3:07:48 PM
 1 10/29/2005 3:16:25 PM
 1 10/29/2005 3:16:26 PM
 1 10/29/2005 3:18:11 PM
 1 10/29/2005 3:18:11 PM
 1 10/29/2005 3:18:34 PM
 1 10/29/2005 3:18:35 PM
 1 10/29/2005 3:18:35 PM
 1 10/29/2005 3:18:35 PM
 1 10/29/2005 3:23:24 PM
 1 10/29/2005 3:23:25 PM
 1 10/29/2005 3:24:02 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/29/2005 3:24:02 PM
1 10/29/2005 3:27:55 PM
1 10/29/2005 3:27:55 PM
1 10/29/2005 3:39:29 PM
1 10/29/2005 3:39:29 PM
1 10/29/2005 3:43:44 PM
1 10/29/2005 3:43:44 PM
1 10/29/2005 3:43:45 PM
1 10/29/2005 3:43:45 PM
1 10/29/2005 3:46:33 PM
1 10/29/2005 3:48:34 PM
1 10/29/2005 3:49:26 PM
1 10/29/2005 3:49:27 PM
1 10/29/2005 3:50:34 PM
1 10/29/2005 3:50:35 PM
1 10/29/2005 3:54:37 PM
1 10/29/2005 3:54:38 PM
1 10/29/2005 3:54:38 PM
1 10/29/2005 3:56:03 PM
1 10/29/2005 3:56:04 PM
1 10/29/2005 4:04:11 PM
1 10/29/2005 4:04:11 PM
1 10/29/2005 4:04:37 PM
1 10/29/2005 4:04:37 PM
1 10/29/2005 4:04:38 PM
1 10/29/2005 4:04:38 PM
1 10/29/2005 4:13:57 PM
1 10/29/2005 4:13:57 PM
1 10/29/2005 4:16:26 PM
1 10/29/2005 4:16:27 PM
1 10/29/2005 4:16:29 PM
1 10/29/2005 4:16:30 PM
1 10/29/2005 4:16:58 PM
1 10/29/2005 4:16:59 PM
1 10/29/2005 4:34:44 PM
1 10/29/2005 4:34:45 PM
1 10/29/2005 4:35:35 PM
1 10/29/2005 4:37:56 PM
1 10/29/2005 4:37:57 PM
1 10/29/2005 4:52:56 PM
1 10/29/2005 4:52:57 PM
1 10/29/2005 4:53:43 PM
1 10/29/2005 4:53:44 PM
1 10/29/2005 4:57:42 PM
1 10/29/2005 4:57:42 PM
1 10/29/2005 5:01:04 PM
1 10/29/2005 5:01:05 PM
1 10/29/2005 5:08:11 PM
1 10/29/2005 5:08:11 PM
1 10/29/2005 5:12:59 PM
1 10/29/2005 5:27:33 PM
1 10/29/2005 5:27:34 PM
1 10/29/2005 5:34:12 PM
1 10/29/2005 5:34:13 PM
1 10/29/2005 5:36:59 PM
1 10/29/2005 5:37:00 PM
1 10/29/2005 5:40:49 PM
1 10/29/2005 5:49:12 PM
1 10/29/2005 5:49:13 PM
1 10/29/2005 5:56:56 PM
1 10/29/2005 5:58:47 PM
1 10/29/2005 5:58:48 PM
1 10/29/2005 6:10:34 PM
1 10/29/2005 6:10:34 PM
1 10/29/2005 6:11:12 PM
1 10/29/2005 6:11:12 PM
1 10/29/2005 6:13:15 PM
1 10/29/2005 6:13:16 PM
1 10/29/2005 6:14:43 PM
1 10/29/2005 6:14:43 PM
1 10/29/2005 6:14:43 PM
1 10/29/2005 6:21:39 PM
1 10/29/2005 6:21:40 PM
1 10/29/2005 6:21:58 PM
1 10/29/2005 6:21:58 PM
1 10/29/2005 6:21:59 PM
1 10/29/2005 6:21:59 PM
1 10/29/2005 6:22:34 PM
1 10/29/2005 6:22:35 PM
1 10/29/2005 6:28:10 PM
1 10/29/2005 6:28:11 PM
1 10/29/2005 6:31:21 PM
1 10/29/2005 6:31:22 PM
1 10/29/2005 6:33:21 PM
1 10/29/2005 6:33:22 PM
1 10/29/2005 6:33:22 PM
1 10/29/2005 6:35:51 PM
1 10/29/2005 6:35:51 PM
1 10/29/2005 6:39:57 PM
1 10/29/2005 6:46:01 PM
1 10/29/2005 6:46:01 PM
1 10/29/2005 6:49:34 PM
1 10/29/2005 6:49:35 PM
1 10/29/2005 6:55:13 PM
1 10/29/2005 6:55:13 PM
1 10/29/2005 6:57:33 PM
1 10/29/2005 6:57:34 PM
1 10/29/2005 7:12:13 PM
1 10/29/2005 7:12:14 PM
1 10/29/2005 7:14:40 PM
1 10/29/2005 7:14:41 PM
1 10/29/2005 7:14:47 PM

SITE 15 OCT 27-29 JAMAR 7

1 10/29/2005 7:14:48 PM
1 10/29/2005 7:29:42 PM
1 10/29/2005 7:29:43 PM
1 10/29/2005 7:31:47 PM
1 10/29/2005 7:31:47 PM
1 10/29/2005 7:44:56 PM
1 10/29/2005 7:44:56 PM
1 10/29/2005 8:19:20 PM
1 10/29/2005 8:19:47 PM
1 10/29/2005 8:19:48 PM
1 10/29/2005 8:33:38 PM
1 10/29/2005 8:33:39 PM
1 10/29/2005 8:45:43 PM
1 10/29/2005 8:45:43 PM
1 10/29/2005 8:45:43 PM
1 10/29/2005 8:45:43 PM
1 10/29/2005 8:54:45 PM
1 10/29/2005 8:54:45 PM
1 10/29/2005 9:05:04 PM
1 10/29/2005 9:05:04 PM
1 10/29/2005 9:29:21 PM
1 10/29/2005 9:29:21 PM
1 10/29/2005 9:29:22 PM
1 10/29/2005 9:29:22 PM
1 10/29/2005 9:30:29 PM
1 10/29/2005 9:30:29 PM
1 10/29/2005 10:29:12 PM
1 10/29/2005 10:29:13 PM
1 10/29/2005 10:52:57 PM
1 10/29/2005 10:52:58 PM
1 10/29/2005 11:07:11 PM
1 10/29/2005 11:07:12 PM
1 10/29/2005 11:07:39 PM
1 10/29/2005 11:07:39 PM
1 10/29/2005 11:07:39 PM
1 10/29/2005 11:07:39 PM
1 10/29/2005 11:10:07 PM
1 10/29/2005 11:36:29 PM
1 10/29/2005 11:36:29 PM
1 10/29/2005 11:36:29 PM
1 10/29/2005 11:42:23 PM
1 10/29/2005 11:42:24 PM
1 10/29/2005 11:52:26 PM
1 10/29/2005 11:52:26 PM
1 10/29/2005 11:58:40 PM
1 10/29/2005 11:58:41 PM

210 Results of axles divided by 2

SITE 15 OCT 27-29 TRAFX EQ03

TRAFX Dock V1.0g S/N41221 (c)2004
Factory:767.RCT:RM1:232&IR:CTS0:B115200:W^Z4

*Serial Number :0509BD
*Counter name :EQ 3
*Mode :Vehicle (VEH-4d)
*Ball. voltage :4.7
*Stored records :04341

10/27/2005	0:02:30	1
10/27/2005	1:19:03	2
10/27/2005	2:37:28	3
10/27/2005	2:51:06	4
10/27/2005	4:04:59	5
10/27/2005	4:49:37	6
10/27/2005	4:50:25	7
10/27/2005	5:18:11	8
10/27/2005	5:36:58	9
10/27/2005	6:06:57	10
10/27/2005	6:08:33	11
10/27/2005	6:09:56	12
10/27/2005	6:10:34	13
10/27/2005	6:22:08	14
10/27/2005	6:27:23	15
10/27/2005	6:33:41	16
10/27/2005	6:40:44	17
10/27/2005	6:49:43	18
10/27/2005	6:57:40	19
10/27/2005	7:13:24	20
10/27/2005	7:17:50	21
10/27/2005	7:28:03	22
10/27/2005	7:29:50	23
10/27/2005	7:39:09	24
10/27/2005	7:43:36	25
10/27/2005	7:54:22	26
10/27/2005	7:59:10	27
10/27/2005	8:23:23	28
10/27/2005	8:35:37	29
10/27/2005	8:42:44	30
10/27/2005	8:42:55	31
10/27/2005	8:43:25	32
10/27/2005	8:49:16	33
10/27/2005	8:50:01	34
10/27/2005	8:52:58	35
10/27/2005	8:59:19	36
10/27/2005	9:36:57	37
10/27/2005	9:49:46	38
10/27/2005	10:12:58	39
10/27/2005	10:16:44	40
10/27/2005	10:25:46	41
10/27/2005	10:32:14	42
10/27/2005	10:33:24	43
10/27/2005	10:33:41	44
10/27/2005	10:34:13	45
10/27/2005	10:37:37	46
10/27/2005	10:39:20	47
10/27/2005	10:43:05	48
10/27/2005	10:47:31	49
10/27/2005	10:48:40	50
10/27/2005	10:48:56	51
10/27/2005	11:00:32	52
10/27/2005	11:05:55	53
10/27/2005	11:17:47	54
10/27/2005	11:54:09	55
10/27/2005	11:55:11	56
10/27/2005	11:58:48	57
10/27/2005	12:03:53	58
10/27/2005	12:04:21	59
10/27/2005	12:09:46	60
10/27/2005	12:12:30	61
10/27/2005	12:12:47	62
10/27/2005	12:19:01	63
10/27/2005	12:19:41	64
10/27/2005	12:23:36	65
10/27/2005	12:27:01	66
10/27/2005	12:30:58	67
10/27/2005	12:35:01	68
10/27/2005	12:43:20	69
10/27/2005	12:48:16	70
10/27/2005	12:57:02	71
10/27/2005	12:58:18	72
10/27/2005	13:02:53	73
10/27/2005	13:07:20	74
10/27/2005	13:07:56	75
10/27/2005	13:21:04	76
10/27/2005	13:33:34	77
10/27/2005	13:34:41	78
10/27/2005	13:40:36	79
10/27/2005	13:46:25	80
10/27/2005	13:47:04	81
10/27/2005	13:54:30	82
10/27/2005	13:58:38	83
10/27/2005	14:09:05	84
10/27/2005	14:10:40	85
10/27/2005	14:21:56	86
10/27/2005	14:23:42	87
10/27/2005	14:25:13	88
10/27/2005	14:26:11	89
10/27/2005	14:29:30	90
10/27/2005	14:30:55	91
10/27/2005	14:31:08	92

SITE 15 OCT 27-29 TRAFX EQ03

10/27/2005	14:31:33	93
10/27/2005	14:31:53	94
10/27/2005	14:32:34	95
10/27/2005	14:41:34	96
10/27/2005	14:54:11	97
10/27/2005	14:55:13	98
10/27/2005	14:56:38	99
10/27/2005	15:02:08	100
10/27/2005	15:03:56	101
10/27/2005	15:16:01	102
10/27/2005	15:19:58	103
10/27/2005	15:20:25	104
10/27/2005	15:20:44	105
10/27/2005	15:22:08	106
10/27/2005	15:25:55	107
10/27/2005	15:27:07	108
10/27/2005	15:30:21	109
10/27/2005	15:30:32	110
10/27/2005	15:33:30	111
10/27/2005	15:33:49	112
10/27/2005	15:34:31	113
10/27/2005	15:35:40	114
10/27/2005	15:39:13	115
10/27/2005	15:39:53	116
10/27/2005	15:43:49	117
10/27/2005	15:55:40	118
10/27/2005	15:56:31	119
10/27/2005	15:58:40	120
10/27/2005	16:02:36	121
10/27/2005	16:11:52	122
10/27/2005	16:13:14	123
10/27/2005	16:14:05	124
10/27/2005	16:18:56	125
10/27/2005	16:19:15	126
10/27/2005	16:20:43	127
10/27/2005	16:21:02	128
10/27/2005	16:21:14	129
10/27/2005	16:21:28	130
10/27/2005	16:22:30	131
10/27/2005	16:25:39	132
10/27/2005	16:28:17	133
10/27/2005	16:33:39	134
10/27/2005	16:40:50	135
10/27/2005	16:48:07	136
10/27/2005	16:48:35	137
10/27/2005	16:49:13	138
10/27/2005	16:51:02	139
10/27/2005	16:53:28	140
10/27/2005	16:54:20	141
10/27/2005	16:57:22	142
10/27/2005	17:03:26	143
10/27/2005	17:04:38	144
10/27/2005	17:06:17	145
10/27/2005	17:06:42	146
10/27/2005	17:07:33	147
10/27/2005	17:10:09	148
10/27/2005	17:13:46	149
10/27/2005	17:15:25	150
10/27/2005	17:15:56	151
10/27/2005	17:16:10	152
10/27/2005	17:28:15	153
10/27/2005	17:29:31	154
10/27/2005	17:33:29	155
10/27/2005	17:34:14	156
10/27/2005	17:35:05	157
10/27/2005	17:35:57	158
10/27/2005	17:47:49	159
10/27/2005	17:48:09	160
10/27/2005	17:56:02	161
10/27/2005	17:58:18	162
10/27/2005	18:01:26	163
10/27/2005	18:04:04	164
10/27/2005	18:10:24	165
10/27/2005	18:21:06	166
10/27/2005	18:26:49	167
10/27/2005	18:32:57	168
10/27/2005	18:33:33	169
10/27/2005	18:33:50	170
10/27/2005	18:44:11	171
10/27/2005	18:52:48	172
10/27/2005	19:00:22	173
10/27/2005	19:00:33	174
10/27/2005	19:05:09	175
10/27/2005	19:12:16	176
10/27/2005	19:14:22	177
10/27/2005	19:16:00	178
10/27/2005	19:20:03	179
10/27/2005	19:37:13	180
10/27/2005	19:39:00	181
10/27/2005	19:44:11	182
10/27/2005	19:52:07	183
10/27/2005	20:14:11	184
10/27/2005	20:26:08	185
10/27/2005	20:41:16	186
10/27/2005	21:12:31	187
10/27/2005	21:17:37	188
10/27/2005	21:29:12	189
10/27/2005	22:14:44	190
10/27/2005	22:40:07	191
10/28/2005	0:11:20	1
10/28/2005	0:15:09	2

SITE 15 OCT 27-29 TRAFX EQ03

10/28/2005	0:41:05	3
10/28/2005	3:46:28	4
10/28/2005	4:44:07	5
10/28/2005	5:41:07	6
10/28/2005	5:41:19	7
10/28/2005	6:56:54	8
10/28/2005	7:04:33	9
10/28/2005	7:15:46	10
10/28/2005	7:16:06	11
10/28/2005	7:32:58	12
10/28/2005	7:44:29	13
10/28/2005	7:57:20	14
10/28/2005	7:58:49	15
10/28/2005	8:34:19	16
10/28/2005	8:40:39	17
10/28/2005	8:54:08	18
10/28/2005	9:16:20	19
10/28/2005	9:19:01	20
10/28/2005	9:27:15	21
10/28/2005	9:29:37	22
10/28/2005	9:34:35	23
10/28/2005	9:35:02	24
10/28/2005	9:39:41	25
10/28/2005	9:44:28	26
10/28/2005	9:44:41	27
10/28/2005	10:04:01	28
10/28/2005	10:19:38	29
10/28/2005	10:32:31	30
10/28/2005	10:47:02	31
10/28/2005	10:50:05	32
10/28/2005	10:50:53	33
10/28/2005	10:54:15	34
10/28/2005	10:54:39	35
10/28/2005	10:54:51	36
10/28/2005	10:55:01	37
10/28/2005	11:03:10	38
10/28/2005	11:12:22	39
10/28/2005	11:15:22	40
10/28/2005	11:22:45	41
10/28/2005	11:24:08	42
10/28/2005	11:30:07	43
10/28/2005	11:30:17	44
10/28/2005	11:30:58	45
10/28/2005	11:35:08	46
10/28/2005	11:36:37	47
10/28/2005	11:47:39	48
10/28/2005	11:50:14	49
10/28/2005	11:52:20	50
10/28/2005	11:52:59	51
10/28/2005	11:54:06	52
10/28/2005	11:59:42	53
10/28/2005	12:17:20	54
10/28/2005	12:37:11	55
10/28/2005	12:49:48	56
10/28/2005	12:50:34	57
10/28/2005	13:19:41	58
10/28/2005	13:22:02	59
10/28/2005	13:24:08	60
10/28/2005	13:24:46	61
10/28/2005	13:28:21	62
10/28/2005	13:29:48	63
10/28/2005	13:36:30	64
10/28/2005	13:40:17	65
10/28/2005	13:41:07	66
10/28/2005	14:00:24	67
10/28/2005	14:30:59	68
10/28/2005	14:32:07	69
10/28/2005	14:38:00	70
10/28/2005	14:52:03	71
10/28/2005	14:53:13	72
10/28/2005	14:53:25	73
10/28/2005	14:53:58	74
10/28/2005	14:59:04	75
10/28/2005	15:00:38	76
10/28/2005	15:02:13	77
10/28/2005	15:04:05	78
10/28/2005	15:04:58	79
10/28/2005	15:08:35	80
10/28/2005	15:14:37	81
10/28/2005	15:16:47	82
10/28/2005	15:17:59	83
10/28/2005	15:18:16	84
10/28/2005	15:18:57	85
10/28/2005	15:21:30	86
10/28/2005	15:22:38	87
10/28/2005	15:28:34	88
10/28/2005	16:30:24	89
10/28/2005	16:37:27	90
10/28/2005	16:40:03	91
10/28/2005	16:43:32	92
10/28/2005	16:45:32	93
10/28/2005	16:45:46	94
10/28/2005	16:52:15	95
10/28/2005	16:58:44	96
10/28/2005	17:00:23	97
10/28/2005	17:02:25	98
10/28/2005	17:08:57	99
10/28/2005	17:10:03	100
10/28/2005	17:20:05	101
10/28/2005	17:20:52	102
10/28/2005	17:21:09	103
10/28/2005	17:21:33	104

SITE 15 OCT 27-29 TRAFX EQ03

10/28/2005	17:36:45	105
10/28/2005	17:42:28	106
10/28/2005	17:43:10	107
10/28/2005	17:44:14	108
10/28/2005	17:48:04	109
10/28/2005	17:50:00	110
10/28/2005	17:58:37	111
10/28/2005	18:01:25	112
10/28/2005	18:02:06	113
10/28/2005	18:03:49	114
10/28/2005	18:07:04	115
10/28/2005	18:08:25	116
10/28/2005	18:08:55	117
10/28/2005	18:09:34	118
10/28/2005	18:09:54	119
10/28/2005	18:11:15	120
10/28/2005	18:20:34	121
10/28/2005	18:29:04	122
10/28/2005	18:29:54	123
10/28/2005	18:40:57	124
10/28/2005	18:42:40	125
10/28/2005	18:44:12	126
10/28/2005	18:48:19	127
10/28/2005	18:53:56	128
10/28/2005	18:54:10	129
10/28/2005	18:54:31	130
10/28/2005	19:00:34	131
10/28/2005	19:00:57	132
10/28/2005	19:04:30	133
10/28/2005	19:39:37	134
10/28/2005	19:48:52	135
10/28/2005	20:00:24	136
10/28/2005	20:31:49	137
10/28/2005	20:58:33	138
10/28/2005	20:58:48	139
10/28/2005	20:59:02	140
10/28/2005	21:07:17	141
10/28/2005	21:09:51	142
10/28/2005	21:13:41	143
10/28/2005	21:13:52	144
10/28/2005	21:15:06	145
10/28/2005	21:39:14	146
10/28/2005	22:09:49	147
10/28/2005	22:41:42	148
10/28/2005	22:45:30	149
10/28/2005	22:48:08	150
10/28/2005	23:01:28	151
10/28/2005	23:06:13	152
10/28/2005	23:09:01	153
10/28/2005	23:44:54	154
10/28/2005	23:49:04	155
10/29/2005	0:03:32	1
10/29/2005	0:06:41	2
10/29/2005	0:24:26	3
10/29/2005	0:35:34	4
10/29/2005	0:37:39	5
10/29/2005	1:16:03	6
10/29/2005	1:43:26	7
10/29/2005	1:44:35	8
10/29/2005	1:48:01	9
10/29/2005	1:56:53	10
10/29/2005	1:58:37	11
10/29/2005	2:19:03	12
10/29/2005	2:38:46	13
10/29/2005	3:04:36	14
10/29/2005	3:06:01	15
10/29/2005	3:14:41	16
10/29/2005	4:01:41	17
10/29/2005	5:20:40	18
10/29/2005	5:22:36	19
10/29/2005	6:21:03	20
10/29/2005	6:35:57	21
10/29/2005	6:52:23	22
10/29/2005	6:55:32	23
10/29/2005	7:03:05	24
10/29/2005	7:17:36	25
10/29/2005	7:31:22	26
10/29/2005	7:42:32	27
10/29/2005	8:00:11	28
10/29/2005	8:11:01	29
10/29/2005	8:14:27	30
10/29/2005	8:15:57	31
10/29/2005	8:16:14	32
10/29/2005	8:19:50	33
10/29/2005	8:20:26	34
10/29/2005	8:23:33	35
10/29/2005	8:25:26	36
10/29/2005	8:29:08	37
10/29/2005	8:30:01	38
10/29/2005	8:42:59	39
10/29/2005	8:49:45	40
10/29/2005	9:01:59	41
10/29/2005	9:06:29	42
10/29/2005	9:08:39	43
10/29/2005	9:26:35	44
10/29/2005	9:27:31	45
10/29/2005	9:28:46	46
10/29/2005	9:32:20	47
10/29/2005	9:33:08	48
10/29/2005	9:35:10	49
10/29/2005	9:40:28	50

SITE 15 OCT 27-29 TRAFX EQ03

10/29/2005	9:41:13	51
10/29/2005	9:49:40	52
10/29/2005	9:53:20	53
10/29/2005	9:55:29	54
10/29/2005	10:06:17	55
10/29/2005	10:12:35	56
10/29/2005	10:20:22	57
10/29/2005	10:30:16	58
10/29/2005	10:31:08	59
10/29/2005	10:31:19	60
10/29/2005	10:31:32	61
10/29/2005	10:31:43	62
10/29/2005	10:47:44	63
10/29/2005	11:02:13	64
10/29/2005	11:03:55	65
10/29/2005	11:08:01	66
10/29/2005	11:08:36	67
10/29/2005	11:12:01	68
10/29/2005	11:15:14	69
10/29/2005	11:23:40	70
10/29/2005	11:30:04	71
10/29/2005	11:43:11	72
10/29/2005	11:53:46	73
10/29/2005	11:54:18	74
10/29/2005	12:01:24	75
10/29/2005	12:05:43	76
10/29/2005	12:10:19	77
10/29/2005	12:22:30	78
10/29/2005	12:23:13	79
10/29/2005	12:40:08	80
10/29/2005	12:41:53	81
10/29/2005	12:52:28	82
10/29/2005	12:58:36	83
10/29/2005	13:06:57	84
10/29/2005	13:10:28	85
10/29/2005	13:15:21	86
10/29/2005	13:25:12	87
10/29/2005	13:29:50	88
10/29/2005	13:32:20	89
10/29/2005	13:37:42	90
10/29/2005	13:48:23	91
10/29/2005	14:00:45	92
10/29/2005	14:05:13	93
10/29/2005	14:05:59	94
10/29/2005	14:08:12	95
10/29/2005	14:10:02	96
10/29/2005	14:16:10	97
10/29/2005	14:18:49	98
10/29/2005	14:19:58	99
10/29/2005	14:37:57	100
10/29/2005	14:49:45	101
10/29/2005	14:53:27	102
10/29/2005	15:03:21	103
10/29/2005	15:06:08	104
10/29/2005	15:14:43	105
10/29/2005	15:16:30	106
10/29/2005	15:21:44	107
10/29/2005	15:22:25	108
10/29/2005	15:25:10	109
10/29/2005	15:25:33	110
10/29/2005	15:26:18	111
10/29/2005	15:32:49	112
10/29/2005	15:37:49	113
10/29/2005	15:42:04	114
10/29/2005	15:46:52	115
10/29/2005	15:47:45	116
10/29/2005	15:48:56	117
10/29/2005	15:50:09	118
10/29/2005	15:53:00	119
10/29/2005	15:54:23	120
10/29/2005	16:01:35	121
10/29/2005	16:02:33	122
10/29/2005	16:02:57	123
10/29/2005	16:12:20	124
10/29/2005	16:14:46	125
10/29/2005	16:15:19	126
10/29/2005	16:25:05	127
10/29/2005	16:29:36	128
10/29/2005	16:33:55	129
10/29/2005	16:36:19	130
10/29/2005	16:51:20	131
10/29/2005	16:52:06	132
10/29/2005	16:56:01	133
10/29/2005	17:06:33	134
10/29/2005	17:11:22	135
10/29/2005	17:20:33	136
10/29/2005	17:25:53	137
10/29/2005	17:32:32	138
10/29/2005	17:35:21	139
10/29/2005	17:39:04	140
10/29/2005	17:55:17	141
10/29/2005	17:57:07	142
10/29/2005	18:07:25	143
10/29/2005	18:11:36	144
10/29/2005	18:13:02	145
10/29/2005	18:19:59	146
10/29/2005	18:20:19	147
10/29/2005	18:20:57	148
10/29/2005	18:26:30	149
10/29/2005	18:29:41	150
10/29/2005	18:31:44	151
10/29/2005	18:34:11	152

SITE 15 OCT 27-29 TRAFX EQ03

10/29/2005	18:38:16	153
10/29/2005	18:44:23	154
10/29/2005	18:47:54	155
10/29/2005	18:53:31	156
10/29/2005	18:55:53	157
10/29/2005	19:10:33	158
10/29/2005	19:11:24	159
10/29/2005	19:13:03	160
10/29/2005	19:28:05	161
10/29/2005	19:30:07	162
10/29/2005	19:43:15	163
10/29/2005	20:17:38	164
10/29/2005	20:18:07	165
10/29/2005	20:32:02	166
10/29/2005	20:44:04	167
10/29/2005	20:53:05	168
10/29/2005	21:03:23	169
10/29/2005	21:27:40	170
10/29/2005	22:27:34	171
10/29/2005	22:51:16	172
10/29/2005	22:57:16	173
10/29/2005	23:05:33	174
10/29/2005	23:06:01	175
10/29/2005	23:08:26	176
10/29/2005	23:34:51	177
10/29/2005	23:40:47	178
10/29/2005	23:57:00	179

N_name	S_elect	V_iew
D_ownload	E_rase	L_aunch!
++ ENTER COMMAND ++>> V		

*Serial Number :0509BD
*Counter name :EQ 3
*Mode :Vehicle (VEH-4d)
*Ball_voltage :4.7
*Stored records :04341

=TIME (yy-m) 13:00:12
=START(yy-m) 19:00
PERIOD (1/24/0=Timestamps) :000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

N_name	S_elect	V_iew
D_ownload	E_rase	L_aunch!
++ ENTER COMMAND ++>>>		

SITE 17 OCT 27-29 TRAFX EQ02

TRAFX Dock G2 V1.0g S/N41221 (c)2004
 Factory:767:RCT:RM1:232&IR:CTS0:B115200:W*:Z4

*Serial Number :0509AZ
 *Counter name :EQ 2
 *Mode :Vehicle (VEH-4d)
 *Batt. voltage :4.5
 *Stored records :02015

=TIME (yy-mm-dd h 12:58:02
 =START (yy-mm-dd 19:00
 PERIOD (1/24/0=Timestamps):000
 DELAY (see manual) :064
 THRESHOLD (see manual) :010
 RATE (Fast/Slow) :S

10/27/2005	0:40:36	1
10/27/2005	0:50:38	2
10/27/2005	0:55:40	3
10/27/2005	8:08:11	4
10/27/2005	9:19:21	5
10/27/2005	9:23:35	6
10/27/2005	9:25:36	7
10/27/2005	9:28:18	8
10/27/2005	9:29:41	9
10/27/2005	9:38:50	10
10/27/2005	9:49:32	11
10/27/2005	10:29:23	12
10/27/2005	10:41:22	13
10/27/2005	11:01:27	14
10/27/2005	11:11:14	15
10/27/2005	12:21:16	16
10/27/2005	12:22:29	17
10/27/2005	12:23:59	18
10/27/2005	12:28:57	19
10/27/2005	12:31:58	20
10/27/2005	12:37:35	21
10/27/2005	12:37:48	22
10/27/2005	12:45:17	23
10/27/2005	12:50:52	24
10/27/2005	12:53:49	25
10/27/2005	13:08:03	26
10/27/2005	13:42:17	27
10/27/2005	13:48:22	28
10/27/2005	14:08:27	29
10/27/2005	14:15:54	30
10/27/2005	14:16:08	31
10/27/2005	14:25:49	32
10/27/2005	14:30:20	33
10/27/2005	14:40:54	34
10/27/2005	14:53:05	35
10/27/2005	14:53:27	36
10/27/2005	14:53:40	37
10/27/2005	15:38:57	38
10/27/2005	15:38:38	39
10/27/2005	15:46:47	40
10/27/2005	16:18:09	41
10/27/2005	16:31:57	42
10/27/2005	16:40:50	43
10/27/2005	16:43:05	44
10/27/2005	16:52:59	45
10/27/2005	17:06:13	46
10/27/2005	17:07:12	47
10/27/2005	17:10:43	48
10/27/2005	17:16:47	49
10/27/2005	17:28:40	50
10/27/2005	17:51:20	51
10/27/2005	17:51:45	52
10/27/2005	17:57:41	53
10/27/2005	18:32:26	54
10/27/2005	18:46:09	55
10/27/2005	18:54:00	56
10/27/2005	18:56:48	57
10/27/2005	20:22:17	58
10/27/2005	21:58:02	59
10/27/2005	23:49:20	60
10/28/2005	0:00:04	1
10/28/2005	1:35:46	2
10/28/2005	2:00:26	3
10/28/2005	4:33:26	4
10/28/2005	4:54:44	5
10/28/2005	5:44:28	6
10/28/2005	7:38:10	7
10/28/2005	7:41:08	8
10/28/2005	8:01:47	9
10/28/2005	8:08:00	10
10/28/2005	8:20:57	11
10/28/2005	8:21:44	12
10/28/2005	8:22:50	13
10/28/2005	8:28:31	14
10/28/2005	8:33:29	15
10/28/2005	8:33:42	16
10/28/2005	8:38:26	17
10/28/2005	9:03:16	18
10/28/2005	9:10:10	19
10/28/2005	9:10:27	20
10/28/2005	9:10:52	21
10/28/2005	9:31:45	22
10/28/2005	9:48:46	23

SITE 17 OCT 27-29 TRAFX EQ02

10/28/2005	9:49:13	24
10/28/2005	9:55:05	25
10/28/2005	9:55:33	26
10/28/2005	10:00:12	27
10/28/2005	10:01:07	28
10/28/2005	10:01:17	29
10/28/2005	10:33:11	30
10/28/2005	11:18:28	31
10/28/2005	11:18:38	32
10/28/2005	11:18:58	33
10/28/2005	11:26:42	34
10/28/2005	11:27:05	35
10/28/2005	11:28:56	36
10/28/2005	12:18:53	37
10/28/2005	12:41:01	38
10/28/2005	12:54:14	39
10/28/2005	12:54:26	40
10/28/2005	13:04:56	41
10/28/2005	13:50:36	42
10/28/2005	14:04:56	43
10/28/2005	14:07:58	44
10/28/2005	14:12:21	45
10/28/2005	14:17:45	46
10/28/2005	14:18:37	47
10/28/2005	14:20:20	48
10/28/2005	14:59:08	49
10/28/2005	15:05:03	50
10/28/2005	15:08:23	51
10/28/2005	15:08:34	52
10/28/2005	15:08:45	53
10/28/2005	15:18:19	54
10/28/2005	15:53:09	55
10/28/2005	15:53:58	56
10/28/2005	16:03:16	57
10/28/2005	16:03:35	58
10/28/2005	16:12:55	59
10/28/2005	16:13:06	60
10/28/2005	16:20:50	61
10/28/2005	16:22:09	62
10/28/2005	16:38:57	63
10/28/2005	16:41:26	64
10/28/2005	16:54:52	65
10/28/2005	17:15:24	66
10/28/2005	17:16:27	67
10/28/2005	17:17:57	68
10/28/2005	17:19:13	69
10/28/2005	17:32:20	70
10/28/2005	17:40:40	71
10/28/2005	17:41:23	72
10/28/2005	17:55:08	73
10/28/2005	18:18:23	74
10/28/2005	18:32:16	75
10/28/2005	19:05:29	76
10/28/2005	19:38:28	77
10/28/2005	21:26:59	78
10/28/2005	21:27:47	79
10/28/2005	21:58:24	80
10/28/2005	22:05:30	81
10/28/2005	22:27:56	82
10/28/2005	23:07:45	83
10/28/2005	23:13:13	84
10/28/2005	23:27:46	85
10/28/2005	23:55:18	86
10/29/2005	3:00:16	1
10/29/2005	3:08:32	2
10/29/2005	4:19:35	3
10/29/2005	7:34:58	4
10/29/2005	8:13:40	5
10/29/2005	8:23:54	6
10/29/2005	8:25:43	7
10/29/2005	8:44:30	8
10/29/2005	9:20:13	9
10/29/2005	9:38:45	10
10/29/2005	9:43:44	11
10/29/2005	9:48:42	12
10/29/2005	9:49:13	13
10/29/2005	9:49:24	14
10/29/2005	9:49:55	15
10/29/2005	9:57:16	16
10/29/2005	9:58:13	17
10/29/2005	9:59:19	18
10/29/2005	10:05:46	19
10/29/2005	10:24:19	20
10/29/2005	10:32:12	21
10/29/2005	10:35:47	22
10/29/2005	10:41:44	23
10/29/2005	10:48:10	24
10/29/2005	10:51:49	25
10/29/2005	11:00:22	26
10/29/2005	11:02:32	27
10/29/2005	11:08:32	28
10/29/2005	11:08:44	29
10/29/2005	11:09:12	30
10/29/2005	11:10:34	31
10/29/2005	11:12:41	32
10/29/2005	11:13:58	33
10/29/2005	11:15:19	34
10/29/2005	11:21:59	35
10/29/2005	11:27:00	36
10/29/2005	11:30:06	37
10/29/2005	11:39:59	38

SITE 17 OCT 27-29 TRAFX EQ02

10/29/2005	11:48:46	39
10/29/2005	11:50:05	40
10/29/2005	11:50:19	41
10/29/2005	11:59:16	42
10/29/2005	12:09:26	43
10/29/2005	12:13:12	44
10/29/2005	12:19:24	45
10/29/2005	12:20:15	46
10/29/2005	12:21:09	47
10/29/2005	12:21:48	48
10/29/2005	12:22:21	49
10/29/2005	12:28:51	50
10/29/2005	12:30:06	51
10/29/2005	12:31:35	52
10/29/2005	12:32:22	53
10/29/2005	12:36:37	54
10/29/2005	12:43:35	55
10/29/2005	12:43:52	56
10/29/2005	12:44:04	57
10/29/2005	12:44:45	58
10/29/2005	12:55:45	59
10/29/2005	12:58:48	60
10/29/2005	13:00:51	61
10/29/2005	13:06:24	62
10/29/2005	13:06:39	63
10/29/2005	13:13:53	64
10/29/2005	13:17:10	65
10/29/2005	13:24:12	66
10/29/2005	13:25:47	67
10/29/2005	13:26:04	68
10/29/2005	13:29:45	69
10/29/2005	13:32:44	70
10/29/2005	13:35:02	71
10/29/2005	13:39:38	72
10/29/2005	13:44:05	73
10/29/2005	13:55:28	74
10/29/2005	13:57:06	75
10/29/2005	13:58:15	76
10/29/2005	14:06:59	77
10/29/2005	14:11:15	78
10/29/2005	14:12:45	79
10/29/2005	14:19:58	80
10/29/2005	14:20:30	81
10/29/2005	14:21:15	82
10/29/2005	14:22:09	83
10/29/2005	14:22:38	84
10/29/2005	14:23:40	85
10/29/2005	14:26:36	86
10/29/2005	14:26:52	87
10/29/2005	14:37:22	88
10/29/2005	14:38:24	89
10/29/2005	14:38:39	90
10/29/2005	14:39:02	91
10/29/2005	14:39:23	92
10/29/2005	14:42:53	93
10/29/2005	14:43:53	94
10/29/2005	14:44:16	95
10/29/2005	14:47:53	96
10/29/2005	14:49:00	97
10/29/2005	14:51:05	98
10/29/2005	14:58:15	99
10/29/2005	15:02:06	100
10/29/2005	15:13:09	101
10/29/2005	15:13:25	102
10/29/2005	15:15:29	103
10/29/2005	15:26:21	104
10/29/2005	15:26:34	105
10/29/2005	15:26:52	106
10/29/2005	15:31:14	107
10/29/2005	15:32:18	108
10/29/2005	15:33:30	109
10/29/2005	15:50:58	110
10/29/2005	15:54:04	111
10/29/2005	15:55:49	112
10/29/2005	15:58:34	113
10/29/2005	16:05:04	114
10/29/2005	16:45:07	115
10/29/2005	17:14:00	116
10/29/2005	17:23:22	117
10/29/2005	17:46:14	118
10/29/2005	18:05:51	119
10/29/2005	18:11:20	120
10/29/2005	18:20:42	121
10/29/2005	18:21:55	122
10/29/2005	18:27:01	123
10/29/2005	18:28:29	124
10/29/2005	19:07:19	125
10/29/2005	19:08:14	126
10/29/2005	19:12:16	127
10/29/2005	20:05:05	128
10/29/2005	20:05:26	129
10/29/2005	20:06:36	130
10/29/2005	20:44:33	131
10/29/2005	20:47:52	132
10/29/2005	21:56:29	133
10/29/2005	21:56:42	134
10/29/2005	22:02:13	135
10/29/2005	22:07:05	136
10/29/2005	22:19:06	137
10/29/2005	23:36:42	138
10/29/2005	23:47:48	139

SITE 17 OCT 27-29 TRAFX EQ02

N_name S_elect V_jew
D_ownload E_rase L_launch!
++ ENTER COMMAND ++>> V

*Serial Number :0509AZ
*Counter name :EQ 2
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.5
*Stored records :02015

=TIME (yy-mm-dd) 12:58:18
=START(yy-mm-dd) 19:00
PERIOD (1/24/0=Timestamps):000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

N_name S_elect V_jew
D_ownload E_rase L_launch!
++ ENTER COMMAND ++>>

SITE 18 OCT 27-29 JAMAR 6

Sensor	Date	Time	Count
1	10/27/2005	9:23:37 AM	1
1	10/27/2005	9:23:37 AM	1
1	10/27/2005	9:23:38 AM	2
1	10/27/2005	9:23:42 AM	1
1	10/27/2005	9:23:42 AM	1
1	10/27/2005	9:23:42 AM	3
1	10/27/2005	9:23:42 AM	1
1	10/27/2005	9:23:42 AM	4
1	10/27/2005	9:23:42 AM	1
1	10/27/2005	9:23:45 AM	5
1	10/27/2005	9:23:45 AM	1
1	10/27/2005	9:23:45 AM	6
1	10/27/2005	9:23:46 AM	1
1	10/27/2005	9:23:46 AM	7
1	10/27/2005	9:23:46 AM	1
1	10/27/2005	9:23:51 AM	8
1	10/27/2005	9:23:53 AM	1
1	10/27/2005	1:18:29 PM	9
1	10/27/2005	2:32:30 PM	10
1	10/27/2005	2:32:31 PM	1
1	10/27/2005	2:37:49 PM	11
1	10/27/2005	2:37:49 PM	1
1	10/27/2005	2:48:06 PM	12
1	10/27/2005	4:21:05 PM	13
1	10/27/2005	4:24:07 PM	14
1	10/27/2005	4:24:07 PM	1
1	10/27/2005	6:26:01 PM	15
1	10/27/2005	6:26:02 PM	1
1	10/27/2005	6:26:02 PM	1
1	10/27/2005	6:26:02 PM	16
1	10/27/2005	6:29:02 PM	1
1	10/27/2005	6:29:02 PM	17
1	10/27/2005	6:29:03 PM	1
1	10/27/2005	10:05:01 PM	18
1	10/27/2005	10:05:01 PM	1
1	10/27/2005	10:05:02 PM	1
1	10/28/2005	7:45:57 AM	1
1	10/28/2005	8:06:21 AM	2
1	10/28/2005	8:06:39 AM	3
1	10/28/2005	8:06:40 AM	1
1	10/28/2005	9:53:59 AM	4
1	10/28/2005	9:54:06 AM	1
1	10/28/2005	9:54:06 AM	1
1	10/28/2005	1:58:44 PM	5
1	10/28/2005	2:09:01 PM	6
1	10/28/2005	2:09:06 PM	7
1	10/28/2005	2:09:09 PM	1
1	10/28/2005	5:20:50 PM	8
1	10/28/2005	8:09:42 PM	9
1	10/28/2005	8:09:42 PM	1
1	10/28/2005	8:09:43 PM	10
1	10/28/2005	8:10:08 PM	11
1	10/28/2005	8:10:08 PM	1
1	10/28/2005	8:10:08 PM	1
1	10/28/2005	9:26:07 PM	12
1	10/28/2005	9:26:07 PM	1
1	10/28/2005	9:26:08 PM	1
1	10/28/2005	11:09:40 PM	13
1	10/28/2005	11:09:41 PM	1
1	10/28/2005	11:09:41 PM	1
1	10/28/2005	11:54:27 PM	14
1	10/28/2005	11:54:27 PM	1
1	10/28/2005	11:54:27 PM	1
1	10/29/2005	4:25:17 AM	1
1	10/29/2005	4:25:18 AM	1
1	10/29/2005	7:33:26 AM	2
1	10/29/2005	9:43:57 AM	3
1	10/29/2005	9:44:21 AM	4
1	10/29/2005	9:44:24 AM	1
1	10/29/2005	11:15:04 AM	5
1	10/29/2005	11:31:03 AM	6
1	10/29/2005	11:31:03 AM	1
1	10/29/2005	11:46:24 AM	7
1	10/29/2005	11:46:24 AM	1
1	10/29/2005	11:49:37 AM	8
1	10/29/2005	11:49:37 AM	1
1	10/29/2005	12:09:41 PM	9
1	10/29/2005	12:19:53 PM	10
1	10/29/2005	12:22:57 PM	11
1	10/29/2005	1:00:56 PM	12
1	10/29/2005	1:17:02 PM	13
1	10/29/2005	1:17:03 PM	1
1	10/29/2005	1:36:11 PM	14
1	10/29/2005	1:36:12 PM	1
1	10/29/2005	1:39:03 PM	15
1	10/29/2005	1:39:06 PM	1
1	10/29/2005	1:39:08 PM	1
1	10/29/2005	1:59:09 PM	16
1	10/29/2005	1:59:10 PM	1
1	10/29/2005	2:41:23 PM	17
1	10/29/2005	2:50:02 PM	18
1	10/29/2005	2:52:29 PM	19
1	10/29/2005	2:52:29 PM	1
1	10/29/2005	3:16:48 PM	20
1	10/29/2005	3:16:49 PM	1
1	10/29/2005	3:16:53 PM	21
1	10/29/2005	3:16:53 PM	1
1	10/29/2005	3:18:03 PM	22
1	10/29/2005	3:58:44 PM	23
1	10/29/2005	3:58:45 PM	1
1	10/29/2005	4:01:34 PM	24

SITE 18 OCT 27-29 JAMAR 6

1	10/29/2005	4:01:34 PM	
1	10/29/2005	4:01:35 PM	25
1	10/29/2005	4:01:35 PM	
1	10/29/2005	6:03:16 PM	26
1	10/29/2005	6:32:40 PM	27
1	10/29/2005	6:32:42 PM	
1	10/29/2005	7:05:34 PM	26
1	10/29/2005	7:05:34 PM	
1	10/29/2005	7:05:35 PM	29
1	10/29/2005	7:06:03 PM	30
1	10/29/2005	7:06:04 PM	

SITE 19 OCT 27-29 JAMAR 5

Sensor	Date	Time	Count
1	10/26/2005	6:29:01 AM	1
1	10/26/2005	6:29:02 AM	1
1	10/26/2005	6:53:38 AM	2
1	10/26/2005	6:53:38 AM	1
1	10/26/2005	7:01:52 AM	3
1	10/26/2005	7:01:52 AM	1
1	10/26/2005	7:01:52 AM	1
1	10/26/2005	7:01:52 AM	1
1	10/26/2005	8:59:25 AM	5
1	10/26/2005	8:59:26 AM	1
1	10/26/2005	9:06:52 AM	6
1	10/26/2005	9:06:52 AM	1
1	10/26/2005	9:06:53 AM	1
1	10/26/2005	9:07:02 AM	7
1	10/26/2005	9:07:03 AM	1
1	10/26/2005	9:17:10 AM	8
1	10/26/2005	9:17:11 AM	1
1	10/26/2005	9:26:07 AM	9
1	10/26/2005	9:26:07 AM	1
1	10/26/2005	9:26:07 AM	1
1	10/26/2005	10:47:14 AM	10
1	10/26/2005	10:47:15 AM	1
1	10/26/2005	11:04:51 AM	11
1	10/26/2005	11:04:51 AM	1
1	10/26/2005	11:04:51 AM	12
1	10/26/2005	11:04:51 AM	1
1	10/26/2005	11:05:44 AM	13
1	10/26/2005	11:05:49 AM	1
1	10/26/2005	11:05:52 AM	1
1	10/26/2005	11:06:38 AM	14
1	10/26/2005	11:06:39 AM	1
1	10/26/2005	11:06:39 AM	1
1	10/26/2005	11:56:11 AM	15
1	10/26/2005	11:56:11 AM	1
1	10/26/2005	12:55:07 PM	16
1	10/26/2005	12:55:07 PM	1
1	10/26/2005	12:55:08 PM	17
1	10/26/2005	12:55:08 PM	1
1	10/26/2005	2:15:34 PM	18
1	10/26/2005	2:15:36 PM	1
1	10/26/2005	2:15:36 PM	1
1	10/26/2005	2:47:36 PM	19
1	10/26/2005	2:49:25 PM	20
1	10/26/2005	2:49:26 PM	1
1	10/26/2005	2:50:09 PM	21
1	10/26/2005	2:50:09 PM	1
1	10/26/2005	2:50:09 PM	22
1	10/26/2005	2:50:09 PM	1
1	10/26/2005	2:50:09 PM	23
1	10/26/2005	2:50:10 PM	1
1	10/26/2005	2:50:10 PM	24
1	10/26/2005	2:50:10 PM	1
1	10/26/2005	2:58:27 PM	25
1	10/26/2005	2:58:27 PM	1
1	10/26/2005	4:33:47 PM	26
1	10/26/2005	4:33:47 PM	1
1	10/26/2005	4:34:21 PM	27
1	10/26/2005	4:34:21 PM	1
1	10/26/2005	4:37:27 PM	28
1	10/26/2005	4:37:28 PM	1
1	10/26/2005	4:37:28 PM	1
1	10/27/2005	6:31:04 AM	1
1	10/27/2005	6:31:04 AM	1
1	10/27/2005	6:31:05 AM	2
1	10/27/2005	6:33:36 AM	3
1	10/27/2005	6:33:37 AM	1
1	10/27/2005	6:54:05 AM	4
1	10/27/2005	6:54:06 AM	1
1	10/27/2005	6:56:24 AM	5
1	10/27/2005	6:56:25 AM	1
1	10/27/2005	7:05:44 AM	6
1	10/27/2005	7:05:45 AM	1
1	10/27/2005	7:07:11 AM	7
1	10/27/2005	7:07:12 AM	1
1	10/27/2005	8:48:20 AM	8
1	10/27/2005	8:48:20 AM	1
1	10/27/2005	8:48:20 AM	9
1	10/27/2005	8:48:20 AM	1
1	10/27/2005	9:10:17 AM	10
1	10/27/2005	9:10:17 AM	1
1	10/27/2005	9:16:40 AM	11
1	10/27/2005	9:16:41 AM	1
1	10/27/2005	9:17:02 AM	12
1	10/27/2005	9:17:10 AM	1
1	10/27/2005	9:18:08 AM	1
1	10/27/2005	10:56:49 AM	13
1	10/27/2005	10:56:49 AM	1
1	10/27/2005	11:00:34 AM	14
1	10/27/2005	11:00:34 AM	1
1	10/27/2005	11:11:49 AM	15
1	10/27/2005	11:11:49 AM	1
1	10/27/2005	11:19:49 AM	16
1	10/27/2005	11:19:49 AM	1
1	10/27/2005	11:19:49 AM	1
1	10/27/2005	11:29:31 AM	17
1	10/27/2005	11:29:32 AM	1
1	10/27/2005	11:50:53 AM	18
1	10/27/2005	11:50:54 AM	1
1	10/27/2005	11:50:54 AM	1
1	10/27/2005	12:03:23 PM	19

SITE 19 OCT 27-29 JAMAR 5

1	10/27/2005	12:03:23 PM	
1	10/27/2005	12:44:41 PM	20
1	10/27/2005	12:44:42 PM	
1	10/27/2005	12:49:46 PM	21
1	10/27/2005	12:49:46 PM	
1	10/27/2005	12:49:46 PM	
1	10/27/2005	1:32:31 PM	22
1	10/27/2005	1:32:33 PM	
1	10/27/2005	1:32:33 PM	23
1	10/27/2005	1:32:33 PM	
1	10/27/2005	1:34:18 PM	24
1	10/27/2005	1:34:20 PM	
1	10/27/2005	1:47:04 PM	25
1	10/27/2005	1:47:04 PM	
1	10/27/2005	1:47:04 PM	26
1	10/27/2005	1:47:04 PM	
1	10/27/2005	1:47:04 PM	
1	10/27/2005	1:51:43 PM	27
1	10/27/2005	1:51:43 PM	
1	10/27/2005	1:51:43 PM	
1	10/27/2005	2:23:12 PM	28
1	10/27/2005	2:23:12 PM	
1	10/27/2005	2:33:44 PM	29
1	10/27/2005	2:33:45 PM	
1	10/27/2005	2:33:51 PM	30
1	10/27/2005	2:34:10 PM	
1	10/27/2005	2:34:13 PM	
1	10/27/2005	2:34:18 PM	31
1	10/27/2005	2:44:02 PM	32
1	10/27/2005	2:44:02 PM	
1	10/27/2005	2:44:03 PM	33
1	10/27/2005	2:44:03 PM	
1	10/27/2005	3:45:14 PM	34
1	10/27/2005	3:45:14 PM	
1	10/27/2005	8:21:33 PM	35
1	10/27/2005	8:21:34 PM	
1	10/28/2005	6:30:23 AM	1
1	10/28/2005	6:30:23 AM	
1	10/28/2005	6:30:23 AM	
1	10/28/2005	6:48:56 AM	2
1	10/28/2005	6:48:56 AM	
1	10/28/2005	6:48:56 AM	
1	10/28/2005	6:53:19 AM	3
1	10/28/2005	6:53:19 AM	
1	10/28/2005	6:53:20 AM	4
1	10/28/2005	6:53:20 AM	
1	10/28/2005	7:07:35 AM	5
1	10/28/2005	7:07:36 AM	
1	10/28/2005	7:09:19 AM	6
1	10/28/2005	7:22:47 AM	7
1	10/28/2005	7:22:48 AM	
1	10/28/2005	7:24:08 AM	8
1	10/28/2005	7:24:10 AM	
1	10/28/2005	7:26:39 AM	9
1	10/28/2005	7:26:40 AM	
1	10/28/2005	7:30:42 AM	10
1	10/28/2005	7:30:43 AM	
1	10/28/2005	8:07:50 AM	11
1	10/28/2005	8:07:50 AM	
1	10/28/2005	8:07:51 AM	
1	10/28/2005	8:51:34 AM	12
1	10/28/2005	8:51:34 AM	
1	10/28/2005	8:52:32 AM	13
1	10/28/2005	8:52:33 AM	
1	10/28/2005	9:44:01 AM	14
1	10/28/2005	9:44:01 AM	
1	10/28/2005	9:44:24 AM	15
1	10/28/2005	9:44:29 AM	
1	10/28/2005	9:44:32 AM	
1	10/28/2005	9:45:35 AM	16
1	10/28/2005	9:45:36 AM	
1	10/28/2005	10:54:03 AM	17
1	10/28/2005	10:54:03 AM	
1	10/28/2005	10:54:04 AM	
1	10/28/2005	11:09:45 AM	18
1	10/28/2005	11:09:45 AM	
1	10/28/2005	11:17:18 AM	19
1	10/28/2005	11:17:18 AM	
1	10/28/2005	11:19:55 AM	20
1	10/28/2005	11:19:55 AM	
1	10/28/2005	11:19:56 AM	21
1	10/28/2005	11:19:56 AM	
1	10/28/2005	11:20:01 AM	22
1	10/28/2005	11:20:02 AM	
1	10/28/2005	11:57:41 AM	23
1	10/28/2005	11:57:42 AM	
1	10/28/2005	12:21:12 PM	24
1	10/28/2005	1:10:29 PM	25
1	10/28/2005	1:10:29 PM	
1	10/28/2005	1:10:29 PM	
1	10/28/2005	1:10:42 PM	26
1	10/28/2005	1:10:43 PM	
1	10/28/2005	2:01:58 PM	27
1	10/28/2005	2:21:59 PM	28
1	10/28/2005	2:22:00 PM	
1	10/28/2005	2:28:27 PM	29
1	10/28/2005	2:28:26 PM	
1	10/28/2005	2:35:36 PM	30
1	10/28/2005	2:35:36 PM	
1	10/28/2005	2:55:55 PM	31
1	10/28/2005	2:55:56 PM	

SITE 19 OCT 27-29 JAMAR 5

1	10/28/2005	2:58:24 PM	32
1	10/28/2005	2:59:53 PM	33
1	10/28/2005	2:59:53 PM	
1	10/28/2005	5:22:00 PM	34
1	10/28/2005	5:22:00 PM	
1	10/28/2005	5:22:00 PM	
1	10/28/2005	5:24:22 PM	35
1	10/29/2005	6:26:14 AM	1
1	10/29/2005	6:26:15 AM	
1	10/29/2005	7:33:05 AM	2
1	10/29/2005	7:33:06 AM	
1	10/29/2005	7:55:00 AM	3
1	10/29/2005	7:55:00 AM	
1	10/29/2005	7:55:00 AM	
1	10/29/2005	8:16:08 AM	4
1	10/29/2005	8:16:08 AM	
1	10/29/2005	8:46:10 AM	5
1	10/29/2005	8:46:10 AM	
1	10/29/2005	8:46:10 AM	6
1	10/29/2005	8:46:10 AM	
1	10/29/2005	9:25:27 AM	7
1	10/29/2005	9:25:27 AM	
1	10/29/2005	9:25:28 AM	8
1	10/29/2005	9:35:17 AM	9
1	10/29/2005	9:35:17 AM	
1	10/29/2005	9:35:17 AM	10
1	10/29/2005	9:35:19 AM	
1	10/29/2005	9:35:41 AM	11
1	10/29/2005	9:36:13 AM	12
1	10/29/2005	9:36:15 AM	
1	10/29/2005	9:36:18 AM	
1	10/29/2005	10:59:23 AM	13
1	10/29/2005	10:59:23 AM	
1	10/29/2005	10:59:23 AM	
1	10/29/2005	11:24:08 AM	14
1	10/29/2005	11:24:08 AM	
1	10/29/2005	11:24:08 AM	15
1	10/29/2005	11:24:08 AM	
1	10/29/2005	11:24:08 AM	16
1	10/29/2005	11:57:51 AM	
1	10/29/2005	11:57:51 AM	
1	10/29/2005	11:57:52 AM	17
1	10/29/2005	11:57:52 AM	
1	10/29/2005	11:57:52 AM	
1	10/29/2005	1:29:22 PM	18
1	10/29/2005	1:29:22 PM	
1	10/29/2005	1:29:41 PM	19
1	10/29/2005	1:29:49 PM	
1	10/29/2005	1:29:51 PM	
1	10/29/2005	1:37:00 PM	20
1	10/29/2005	1:37:02 PM	
1	10/29/2005	1:37:02 PM	21
1	10/29/2005	1:37:02 PM	
1	10/29/2005	2:06:20 PM	22
1	10/29/2005	2:06:20 PM	
1	10/29/2005	2:06:22 PM	23
1	10/29/2005	2:06:22 PM	
1	10/29/2005	2:06:22 PM	24
1	10/29/2005	2:08:06 PM	
1	10/29/2005	2:08:08 PM	
1	10/29/2005	2:08:08 PM	
1	10/29/2005	2:41:21 PM	25
1	10/29/2005	3:03:00 PM	26
1	10/29/2005	3:03:00 PM	
1	10/29/2005	3:03:00 PM	
1	10/29/2005	3:20:46 PM	27
1	10/29/2005	3:20:46 PM	
1	10/29/2005	3:20:47 PM	
1	10/29/2005	4:28:12 PM	28
1	10/29/2005	4:42:57 PM	29
1	10/29/2005	4:42:57 PM	
1	10/29/2005	4:48:31 PM	30
1	10/29/2005	10:57:20 PM	31
1	10/29/2005	10:57:20 PM	
1	10/29/2005	10:57:20 PM	32
1	10/29/2005	10:57:20 PM	

SITE 20 OCT 27-29 TRAFX EQ01

TRAFX Dock I V1.0g S/N41221 (c)2004
 Factory:767:RC1:RM1:232&IR:CTS0:B115200:W".Z4

```

=====
*Serial Number :0509BF
*Counter name :EQ 1
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.5
*Stored records :02107
*Serial Number :0509BF
*Counter name :EQ 1
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.5
*Stored records :02107
10/27/2005 4:56:57 1
10/27/2005 7:52:57 2
10/27/2005 9:09:00 3
10/27/2005 10:04:43 4
10/27/2005 12:05:18 5
10/27/2005 14:01:31 6
10/27/2005 14:23:56 7
10/27/2005 14:24:32 8
10/27/2005 14:24:43 9
10/27/2005 14:26:54 10
10/27/2005 15:03:25 11
10/27/2005 15:11:25 12
10/27/2005 15:19:22 13
10/27/2005 15:54:09 14
10/27/2005 16:30:38 15
10/27/2005 18:34:20 16
10/27/2005 18:49:52 17
10/27/2005 18:56:48 18
10/27/2005 20:07:54 19

```

```

10/28/2005 4:39:44 1
10/28/2005 7:46:37 2
10/28/2005 9:34:30 3
10/28/2005 9:35:52 4
10/28/2005 11:04:28 5
10/28/2005 11:16:25 6
10/28/2005 12:22:52 7
10/28/2005 12:23:33 8
10/28/2005 13:26:56 9
10/28/2005 13:54:08 10
10/28/2005 13:56:19 11
10/28/2005 14:04:31 12
10/28/2005 14:26:56 13
10/28/2005 14:30:18 14
10/28/2005 15:02:52 15
10/28/2005 15:33:24 16
10/28/2005 16:54:25 17
10/28/2005 18:18:22 18
10/28/2005 18:24:02 19
10/28/2005 22:09:32 20

```

```

10/29/2005 3:03:58 1
10/29/2005 4:37:08 2
10/29/2005 8:30:59 3
10/29/2005 8:32:31 4
10/29/2005 8:51:50 5
10/29/2005 9:02:46 6
10/29/2005 9:28:00 7
10/29/2005 9:28:24 8
10/29/2005 9:28:55 9
10/29/2005 9:39:33 10
10/29/2005 10:27:06 11
10/29/2005 12:24:01 12
10/29/2005 12:59:29 13
10/29/2005 13:12:28 14
10/29/2005 13:13:27 15
10/29/2005 13:13:48 16
10/29/2005 13:15:13 17
10/29/2005 13:17:30 18
10/29/2005 13:21:46 19
10/29/2005 13:39:53 20
10/29/2005 13:52:56 21
10/29/2005 15:17:12 22
10/29/2005 16:30:46 23
10/29/2005 17:01:24 24
10/29/2005 17:17:06 25
10/29/2005 17:45:56 26
10/29/2005 19:03:46 27
10/29/2005 21:54:44 28

```

```

N_ame S_elect V_iew
D_ownload E_rase L_aunch!
++ ENTER COMMAND +++>> V

```

```

*Serial Number :0509BF
*Counter name :EQ 1
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.5
*Stored records :02107

```

```

=TIME (yy-mr 12:55:26
=START(yy-r 19:00
PERIOD (1/24/0=Timestamps) :000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

```


SITE 20 OCT 27-29 TRAFX EQ01
N_ame S_elect V_iew
D_ownload E_rase L_aunch!
++ ENTER COMMAND ++>>

SITE 21 OCT 27-29 JAMAR 4

Sensor	Date	Time	Count
1	10/26/2005	11:01:47 AM	1
1	10/26/2005	11:02:01 AM	2
1	10/26/2005	11:02:02 AM	
1	10/26/2005	11:02:02 AM	
1	10/26/2005	11:02:04 AM	3
1	10/26/2005	11:02:07 AM	
1	10/26/2005	11:02:29 AM	
1	10/26/2005	3:24:21 PM	4
1	10/26/2005	3:24:22 PM	
1	10/26/2005	5:48:30 PM	5
1	10/26/2005	5:48:31 PM	
1	10/26/2005	6:12:34 PM	6
1	10/26/2005	6:12:35 PM	
1	10/26/2005	6:13:35 PM	7
1	10/26/2005	6:13:36 PM	
1	10/26/2005	11:09:19 PM	8
1	10/26/2005	11:09:21 PM	
1	10/26/2005	11:09:21 PM	
1	10/27/2005	9:12:01 AM	1
1	10/27/2005	9:12:25 AM	
1	10/27/2005	9:12:33 AM	
1	10/27/2005	2:29:56 PM	2
1	10/27/2005	2:30:18 PM	
1	10/27/2005	2:30:23 PM	
1	10/27/2005	4:18:44 PM	3
1	10/27/2005	4:18:44 PM	
1	10/27/2005	5:01:03 PM	4
1	10/27/2005	5:01:03 PM	
1	10/27/2005	5:01:03 PM	5
1	10/27/2005	5:01:03 PM	
1	10/27/2005	5:01:03 PM	
1	10/27/2005	7:27:12 PM	6
1	10/27/2005	7:27:12 PM	
1	10/27/2005	7:27:12 PM	
1	10/28/2005	9:39:00 AM	1
1	10/28/2005	9:39:00 AM	
1	10/28/2005	9:39:01 AM	2
1	10/28/2005	9:39:01 AM	
1	10/28/2005	9:39:30 AM	
1	10/28/2005	9:39:37 AM	3
1	10/28/2005	9:39:37 AM	
1	10/28/2005	1:58:38 PM	4
1	10/28/2005	1:58:39 PM	
1	10/28/2005	1:58:55 PM	5
1	10/28/2005	1:58:56 PM	
1	10/28/2005	1:58:59 PM	6
1	10/28/2005	1:59:01 PM	
1	10/29/2005	9:31:45 AM	1
1	10/29/2005	9:32:03 AM	
1	10/29/2005	9:32:07 AM	2
1	10/29/2005	9:32:09 AM	
1	10/29/2005	12:21:16 PM	3
1	10/29/2005	12:21:16 PM	
1	10/29/2005	12:21:16 PM	
1	10/29/2005	1:25:00 PM	4
1	10/29/2005	1:25:13 PM	
1	10/29/2005	1:25:14 PM	5
1	10/29/2005	1:25:14 PM	
1	10/29/2005	1:25:20 PM	6
1	10/29/2005	1:25:20 PM	
1	10/29/2005	3:06:39 PM	7
1	10/29/2005	3:06:40 PM	
1	10/29/2005	4:25:52 PM	8
1	10/29/2005	6:02:57 PM	9
1	10/29/2005	6:02:57 PM	
1	10/29/2005	6:02:56 PM	

SITE 22 OCT 27-29 JAMAR 3

Sensor	Date	Time	Count
1	10/26/2005	5:58:31 AM	1
1	10/26/2005	5:58:32 AM	
1	10/26/2005	6:10:34 AM	1
1	10/26/2005	6:10:35 AM	
1	10/26/2005	6:10:35 AM	1
1	10/26/2005	6:10:36 AM	
1	10/26/2005	6:10:36 AM	1
1	10/26/2005	6:50:03 AM	1
1	10/26/2005	6:50:04 AM	
1	10/26/2005	6:50:04 AM	1
1	10/26/2005	6:50:04 AM	
1	10/26/2005	6:52:01 AM	1
1	10/26/2005	6:52:01 AM	
1	10/26/2005	7:00:09 AM	1
1	10/26/2005	7:00:09 AM	
1	10/26/2005	7:00:09 AM	1
1	10/26/2005	7:09:35 AM	1
1	10/26/2005	7:09:35 AM	
1	10/26/2005	7:09:35 AM	1
1	10/26/2005	7:10:24 AM	1
1	10/26/2005	7:10:24 AM	
1	10/26/2005	7:10:24 AM	1
1	10/26/2005	7:13:41 AM	1
1	10/26/2005	7:13:42 AM	
1	10/26/2005	8:31:18 AM	1
1	10/26/2005	8:31:18 AM	
1	10/26/2005	8:31:18 AM	1
1	10/26/2005	8:31:18 AM	
1	10/26/2005	8:57:15 AM	1
1	10/26/2005	8:57:15 AM	
1	10/26/2005	8:57:16 AM	1
1	10/26/2005	8:57:16 AM	
1	10/26/2005	9:57:03 AM	1
1	10/26/2005	9:57:04 AM	
1	10/26/2005	10:14:04 AM	1
1	10/26/2005	10:14:05 AM	
1	10/26/2005	10:14:22 AM	1
1	10/26/2005	10:14:23 AM	
1	10/26/2005	10:40:42 AM	1
1	10/26/2005	10:40:42 AM	
1	10/26/2005	10:45:31 AM	1
1	10/26/2005	10:45:32 AM	
1	10/26/2005	10:45:48 AM	
1	10/26/2005	10:45:53 AM	1
1	10/26/2005	10:45:53 AM	
1	10/26/2005	10:45:56 AM	1
1	10/26/2005	10:45:56 AM	
1	10/26/2005	10:50:37 AM	1
1	10/26/2005	10:50:37 AM	
1	10/26/2005	10:50:38 AM	1
1	10/26/2005	10:50:38 AM	
1	10/26/2005	11:36:47 AM	1
1	10/26/2005	11:36:47 AM	
1	10/26/2005	11:36:47 AM	
1	10/26/2005	12:02:11 PM	1
1	10/26/2005	12:02:12 PM	
1	10/26/2005	12:02:13 PM	1
1	10/26/2005	12:02:13 PM	
1	10/26/2005	12:20:43 PM	1
1	10/26/2005	12:20:43 PM	
1	10/26/2005	12:50:06 PM	1
1	10/26/2005	12:50:06 PM	
1	10/26/2005	12:50:07 PM	
1	10/26/2005	1:32:15 PM	1
1	10/26/2005	1:32:15 PM	
1	10/26/2005	1:34:20 PM	1
1	10/26/2005	1:34:20 PM	
1	10/26/2005	3:56:53 PM	1
1	10/26/2005	3:56:53 PM	
1	10/26/2005	4:02:43 PM	1
1	10/26/2005	4:02:43 PM	
1	10/26/2005	4:17:41 PM	1
1	10/26/2005	4:23:02 PM	1
1	10/26/2005	4:23:02 PM	
1	10/26/2005	5:12:36 PM	1
1	10/26/2005	5:12:36 PM	
1	10/26/2005	5:12:36 PM	
1	10/26/2005	6:27:22 PM	1
1	10/26/2005	6:27:22 PM	
1	10/26/2005	6:27:23 PM	1
1	10/26/2005	6:27:23 PM	
1	10/26/2005	9:45:33 PM	1
1	10/26/2005	9:45:33 PM	
1	10/26/2005	10:31:20 PM	1
1	10/26/2005	10:31:20 PM	
1	10/26/2005	10:31:21 PM	1
1	10/26/2005	10:31:21 PM	
			43
1	10/27/2005	6:45:20 AM	1
1	10/27/2005	6:45:20 AM	
1	10/27/2005	6:45:20 AM	1
1	10/27/2005	6:50:38 AM	1
1	10/27/2005	6:50:38 AM	
1	10/27/2005	6:55:41 AM	1
1	10/27/2005	6:55:42 AM	
1	10/27/2005	6:55:45 AM	1
1	10/27/2005	6:55:45 AM	
1	10/27/2005	8:40:13 AM	1

SITE 22 OCT 27-29 JAMAR 3

1	10/27/2005	8:40:14 AM	
1	10/27/2005	8:42:05 AM	1
1	10/27/2005	8:42:06 AM	
1	10/27/2005	8:45:11 AM	1
1	10/27/2005	8:45:12 AM	
1	10/27/2005	8:45:12 AM	
1	10/27/2005	8:51:35 AM	1
1	10/27/2005	8:51:36 AM	
1	10/27/2005	8:51:36 AM	
1	10/27/2005	9:01:02 AM	1
1	10/27/2005	9:01:02 AM	
1	10/27/2005	9:01:02 AM	
1	10/27/2005	9:06:39 AM	1
1	10/27/2005	9:06:39 AM	
1	10/27/2005	9:06:56 AM	1
1	10/27/2005	9:06:58 AM	
1	10/27/2005	9:06:59 AM	1
1	10/27/2005	9:07:00 AM	
1	10/27/2005	9:07:00 AM	1
1	10/27/2005	9:07:02 AM	
1	10/27/2005	9:07:03 AM	1
1	10/27/2005	9:07:03 AM	
1	10/27/2005	9:28:34 AM	1
1	10/27/2005	9:28:34 AM	
1	10/27/2005	9:28:35 AM	1
1	10/27/2005	9:28:36 AM	
1	10/27/2005	9:28:36 AM	1
1	10/27/2005	9:28:36 AM	
1	10/27/2005	9:28:36 AM	1
1	10/27/2005	9:28:36 AM	
1	10/27/2005	10:02:12 AM	1
1	10/27/2005	10:02:13 AM	
1	10/27/2005	10:08:37 AM	1
1	10/27/2005	10:08:37 AM	
1	10/27/2005	10:08:37 AM	1
1	10/27/2005	10:08:37 AM	
1	10/27/2005	10:22:28 AM	1
1	10/27/2005	10:22:28 AM	
1	10/27/2005	10:32:40 AM	1
1	10/27/2005	10:32:40 AM	
1	10/27/2005	10:47:49 AM	1
1	10/27/2005	10:47:50 AM	
1	10/27/2005	11:53:08 AM	1
1	10/27/2005	12:25:13 PM	1
1	10/27/2005	12:25:13 PM	
1	10/27/2005	12:27:29 PM	1
1	10/27/2005	12:27:29 PM	
1	10/27/2005	1:07:00 PM	1
1	10/27/2005	1:07:01 PM	
1	10/27/2005	1:07:08 PM	1
1	10/27/2005	1:07:09 PM	
1	10/27/2005	1:46:30 PM	1
1	10/27/2005	1:46:30 PM	
1	10/27/2005	1:58:26 PM	1
1	10/27/2005	1:58:26 PM	
1	10/27/2005	2:17:39 PM	1
1	10/27/2005	2:17:40 PM	
1	10/27/2005	2:21:20 PM	1
1	10/27/2005	2:21:20 PM	
1	10/27/2005	2:22:49 PM	1
1	10/27/2005	3:27:55 PM	1
1	10/27/2005	4:40:44 PM	1
1	10/27/2005	4:40:44 PM	
1	10/27/2005	4:40:44 PM	
1	10/27/2005	4:55:46 PM	1
1	10/27/2005	4:55:46 PM	
1	10/27/2005	5:25:10 PM	1
1	10/27/2005	5:25:10 PM	
1	10/27/2005	7:23:06 PM	1
1	10/27/2005	7:23:06 PM	
1	10/27/2005	7:31:51 PM	1
1	10/27/2005	7:31:51 PM	
1	10/27/2005	7:31:51 PM	1
1	10/27/2005	7:31:52 PM	
1	10/27/2005	7:32:53 PM	1
1	10/27/2005	7:32:54 PM	
1	10/27/2005	9:54:33 PM	1
1	10/27/2005	9:54:49 PM	1
1	10/27/2005	9:54:49 PM	
1	10/27/2005	9:54:49 PM	1
1	10/27/2005	9:54:49 PM	
1	10/27/2005	10:01:28 PM	1
1	10/27/2005	10:01:28 PM	
1	10/27/2005	10:01:29 PM	1
1	10/27/2005	10:01:29 PM	
47			
1	10/28/2005	9:14:35 AM	1
1	10/28/2005	9:15:49 AM	1
1	10/28/2005	9:15:49 AM	
1	10/28/2005	9:15:50 AM	1
1	10/28/2005	9:15:50 AM	
1	10/28/2005	9:32:59 AM	1
1	10/28/2005	9:33:04 AM	
1	10/28/2005	9:33:05 AM	
1	10/28/2005	9:47:47 AM	1
1	10/28/2005	9:47:47 AM	
1	10/28/2005	10:12:07 AM	1
1	10/28/2005	10:12:07 AM	
1	10/28/2005	10:12:08 AM	1
1	10/28/2005	10:12:08 AM	
1	10/28/2005	10:41:20 AM	1
1	10/28/2005	10:43:41 AM	1
1	10/28/2005	10:43:41 AM	

SITE 22 OCT 27-29 JAMAR 3

1	10/28/2005	10:43:41 AM	1
1	10/28/2005	10:43:42 AM	
1	10/28/2005	10:56:41 AM	1
1	10/28/2005	10:56:41 AM	
1	10/28/2005	10:56:41 AM	1
1	10/28/2005	10:56:42 AM	
1	10/28/2005	10:56:42 AM	
1	10/28/2005	10:56:42 AM	
1	10/28/2005	11:06:33 AM	1
1	10/28/2005	11:06:33 AM	
1	10/28/2005	11:23:30 AM	1
1	10/28/2005	11:23:31 AM	
1	10/28/2005	11:23:31 AM	1
1	10/28/2005	11:23:31 AM	
1	10/28/2005	11:23:33 AM	
1	10/28/2005	11:32:11 AM	1
1	10/28/2005	11:32:11 AM	
1	10/28/2005	11:34:36 AM	1
1	10/28/2005	11:34:36 AM	
1	10/28/2005	11:34:36 AM	1
1	10/28/2005	11:34:37 AM	
1	10/28/2005	11:34:37 AM	1
1	10/28/2005	11:34:37 AM	
1	10/28/2005	11:34:37 AM	1
1	10/28/2005	11:34:37 AM	
1	10/28/2005	11:37:16 AM	1
1	10/28/2005	11:37:16 AM	
1	10/28/2005	11:37:16 AM	1
1	10/28/2005	11:37:16 AM	
1	10/28/2005	11:37:16 AM	1
1	10/28/2005	11:57:30 AM	1
1	10/28/2005	11:57:30 AM	
1	10/28/2005	11:57:30 AM	1
1	10/28/2005	11:57:30 AM	
1	10/28/2005	12:37:54 PM	1
1	10/28/2005	12:55:56 PM	1
1	10/28/2005	12:55:56 PM	
1	10/28/2005	12:55:56 PM	
1	10/28/2005	12:59:43 PM	1
1	10/28/2005	1:28:12 PM	1
1	10/28/2005	1:32:20 PM	1
1	10/28/2005	1:32:20 PM	
1	10/28/2005	1:32:20 PM	
1	10/28/2005	1:55:32 PM	1
1	10/28/2005	1:55:36 PM	1
1	10/28/2005	1:55:38 PM	
1	10/28/2005	2:05:07 PM	1
1	10/28/2005	3:43:37 PM	1
1	10/28/2005	3:43:38 PM	
1	10/28/2005	4:15:02 PM	1
1	10/28/2005	4:15:02 PM	
1	10/28/2005	4:57:02 PM	1
1	10/28/2005	4:57:02 PM	
1	10/28/2005	5:04:11 PM	1
1	10/28/2005	5:04:11 PM	
1	10/28/2005	5:04:11 PM	1
1	10/28/2005	5:04:11 PM	
1	10/28/2005	5:49:54 PM	1
1	10/28/2005	7:10:12 PM	1
1	10/28/2005	7:10:13 PM	
1	10/28/2005	7:32:59 PM	1
1	10/28/2005	7:32:59 PM	
1	10/28/2005	8:59:50 PM	1
1	10/28/2005	8:59:50 PM	
1	10/28/2005	8:59:51 PM	1
1	10/28/2005	8:59:51 PM	
1	10/28/2005	11:06:58 PM	1
1	10/28/2005	11:06:59 PM	
1	10/28/2005	11:57:13 PM	1
1	10/28/2005	11:57:13 PM	
1	10/28/2005	11:57:13 PM	1
			45
1	10/29/2005	8:03:53 AM	1
1	10/29/2005	8:03:54 AM	
1	10/29/2005	8:04:39 AM	1
1	10/29/2005	8:04:40 AM	
1	10/29/2005	8:04:40 AM	
1	10/29/2005	8:05:05 AM	1
1	10/29/2005	8:05:06 AM	
1	10/29/2005	8:05:06 AM	
1	10/29/2005	8:08:53 AM	1
1	10/29/2005	8:08:54 AM	
1	10/29/2005	9:26:40 AM	1
1	10/29/2005	9:26:55 AM	
1	10/29/2005	9:26:58 AM	1
1	10/29/2005	9:26:59 AM	
1	10/29/2005	9:27:00 AM	1
1	10/29/2005	9:27:01 AM	
1	10/29/2005	9:27:23 AM	1
1	10/29/2005	9:27:23 AM	
1	10/29/2005	9:51:01 AM	1
1	10/29/2005	9:51:01 AM	
1	10/29/2005	9:51:01 AM	1
1	10/29/2005	9:51:01 AM	
1	10/29/2005	9:51:05 AM	1
1	10/29/2005	9:51:06 AM	
1	10/29/2005	9:51:06 AM	
1	10/29/2005	9:58:16 AM	1
1	10/29/2005	9:58:16 AM	
1	10/29/2005	9:58:16 AM	1
1	10/29/2005	9:58:16 AM	
1	10/29/2005	9:58:16 AM	1
1	10/29/2005	9:58:16 AM	

SITE 22 OCT 27-29 JAMAR 3

1	10/29/2005	10:15:06 AM	1
1	10/29/2005	10:15:06 AM	
1	10/29/2005	10:15:06 AM	
1	10/29/2005	10:23:31 AM	1
1	10/29/2005	10:23:31 AM	
1	10/29/2005	10:23:32 AM	1
1	10/29/2005	10:23:32 AM	
1	10/29/2005	11:16:15 AM	1
1	10/29/2005	11:16:16 AM	
1	10/29/2005	11:22:56 AM	1
1	10/29/2005	11:22:56 AM	
1	10/29/2005	11:22:56 AM	1
1	10/29/2005	11:22:57 AM	
1	10/29/2005	11:24:52 AM	1
1	10/29/2005	11:24:52 AM	
1	10/29/2005	11:24:52 AM	
1	10/29/2005	1:03:56 PM	1
1	10/29/2005	1:03:57 PM	
1	10/29/2005	1:09:08 PM	1
1	10/29/2005	1:09:09 PM	
1	10/29/2005	1:20:21 PM	1
1	10/29/2005	1:20:26 PM	
1	10/29/2005	1:20:26 PM	
1	10/29/2005	1:20:27 PM	1
1	10/29/2005	1:20:27 PM	
1	10/29/2005	1:29:05 PM	1
1	10/29/2005	1:29:05 PM	
1	10/29/2005	1:29:05 PM	
1	10/29/2005	1:41:49 PM	1
1	10/29/2005	1:44:17 PM	1
1	10/29/2005	1:44:17 PM	
1	10/29/2005	2:00:50 PM	1
1	10/29/2005	2:00:50 PM	
1	10/29/2005	2:00:53 PM	1
1	10/29/2005	2:00:53 PM	
1	10/29/2005	2:00:54 PM	1
1	10/29/2005	2:00:54 PM	
1	10/29/2005	2:10:30 PM	1
1	10/29/2005	2:10:30 PM	
1	10/29/2005	2:53:57 PM	1
1	10/29/2005	2:53:57 PM	
1	10/29/2005	2:53:58 PM	
1	10/29/2005	2:58:19 PM	1
1	10/29/2005	2:58:19 PM	
1	10/29/2005	2:58:19 PM	
1	10/29/2005	3:02:54 PM	1
1	10/29/2005	3:02:55 PM	
1	10/29/2005	5:28:50 PM	1
1	10/29/2005	5:28:51 PM	
1	10/29/2005	5:36:46 PM	1
1	10/29/2005	5:36:47 PM	
1	10/29/2005	5:39:56 PM	1
1	10/29/2005	5:39:56 PM	
1	10/29/2005	5:39:57 PM	1
1	10/29/2005	5:39:57 PM	
1	10/29/2005	5:39:57 PM	
1	10/29/2005	5:47:54 PM	1
1	10/29/2005	5:47:54 PM	
1	10/29/2005	5:47:54 PM	1
1	10/29/2005	5:47:54 PM	
1	10/29/2005	5:51:10 PM	1
1	10/29/2005	5:51:10 PM	
1	10/29/2005	6:01:05 PM	1
1	10/29/2005	6:01:06 PM	
1	10/29/2005	6:03:27 PM	1
1	10/29/2005	6:03:28 PM	
1	10/29/2005	7:43:17 PM	1
1	10/29/2005	7:43:18 PM	
1	10/29/2005	7:43:18 PM	
1	10/29/2005	10:10:46 PM	1
1	10/29/2005	10:10:47 PM	

SITE 23 OCT 27-29 JAMAR 2

Sensor	Date	Time	Count
1	10/26/2005	5:16:12 AM	1
1	10/26/2005	5:16:12 AM	1
1	10/26/2005	5:16:13 AM	2
1	10/26/2005	5:16:13 AM	1
1	10/26/2005	5:16:52 AM	3
1	10/26/2005	5:16:52 AM	1
1	10/26/2005	10:40:57 AM	4
1	10/26/2005	10:40:57 AM	1
1	10/26/2005	10:40:58 AM	1
1	10/26/2005	10:41:13 AM	5
1	10/26/2005	10:41:19 AM	6
1	10/26/2005	10:41:20 AM	1
1	10/26/2005	1:16:46 PM	7
1	10/26/2005	1:16:47 PM	1
1	10/26/2005	1:16:47 PM	8
1	10/26/2005	1:16:48 PM	1
1	10/26/2005	1:16:48 PM	1
1	10/26/2005	1:44:57 PM	9
1	10/26/2005	1:44:58 PM	1
1	10/26/2005	2:10:35 PM	10
1	10/26/2005	2:10:36 PM	1
1	10/27/2005	6:25:07 AM	1
1	10/27/2005	6:25:07 AM	1
1	10/27/2005	6:25:08 AM	2
1	10/27/2005	6:25:08 AM	1
1	10/27/2005	6:26:16 AM	3
1	10/27/2005	6:26:17 AM	1
1	10/27/2005	8:41:01 AM	4
1	10/27/2005	8:41:02 AM	1
1	10/27/2005	9:01:01 AM	5
1	10/27/2005	9:01:02 AM	1
1	10/27/2005	9:02:05 AM	6
1	10/27/2005	9:02:05 AM	1
1	10/27/2005	9:02:08 AM	7
1	10/27/2005	9:02:12 AM	1
1	10/27/2005	9:02:19 AM	8
1	10/27/2005	9:02:19 AM	1
1	10/27/2005	9:02:20 AM	1
1	10/27/2005	11:47:22 AM	9
1	10/27/2005	11:47:22 AM	1
1	10/27/2005	11:47:22 AM	10
1	10/27/2005	11:47:22 AM	1
1	10/27/2005	2:14:35 PM	11
1	10/27/2005	2:14:40 PM	1
1	10/27/2005	2:14:41 PM	12
1	10/27/2005	2:14:42 PM	1
1	10/27/2005	3:26:38 PM	13
1	10/27/2005	3:26:39 PM	1
1	10/27/2005	4:03:35 PM	14
1	10/27/2005	4:03:35 PM	1
1	10/27/2005	8:28:27 PM	15
1	10/27/2005	8:28:27 PM	1
1	10/28/2005	6:15:13 AM	1
1	10/28/2005	6:15:13 AM	1
1	10/28/2005	6:15:14 AM	2
1	10/28/2005	6:15:14 AM	1
1	10/28/2005	6:15:52 AM	3
1	10/28/2005	6:15:53 AM	1
1	10/28/2005	7:33:59 AM	4
1	10/28/2005	7:33:59 AM	1
1	10/28/2005	7:34:00 AM	5
1	10/28/2005	7:34:00 AM	1
1	10/28/2005	7:34:00 AM	6
1	10/28/2005	7:34:00 AM	1
1	10/28/2005	7:35:31 AM	7
1	10/28/2005	7:35:32 AM	1
1	10/28/2005	7:35:32 AM	1
1	10/28/2005	9:25:36 AM	8
1	10/28/2005	9:25:37 AM	1
1	10/28/2005	9:26:04 AM	9
1	10/28/2005	9:26:06 AM	1
1	10/28/2005	9:26:15 AM	1
1	10/28/2005	11:52:34 AM	10
1	10/28/2005	11:52:35 AM	1
1	10/28/2005	12:07:07 PM	11
1	10/28/2005	12:07:07 PM	1
1	10/28/2005	12:07:08 PM	12
1	10/28/2005	12:07:08 PM	1
1	10/28/2005	12:07:09 PM	13
1	10/28/2005	12:07:09 PM	1
1	10/28/2005	12:07:10 PM	14
1	10/28/2005	12:07:10 PM	1
1	10/28/2005	1:49:59 PM	15
1	10/28/2005	1:50:00 PM	1
1	10/28/2005	1:50:17 PM	1
1	10/28/2005	1:50:18 PM	16
1	10/28/2005	1:50:18 PM	1
1	10/28/2005	1:50:23 PM	17
1	10/28/2005	1:50:23 PM	1
1	10/28/2005	2:13:19 PM	18
1	10/28/2005	2:13:20 PM	1
1	10/28/2005	2:13:20 PM	1
1	10/28/2005	2:13:21 PM	19
1	10/28/2005	2:13:21 PM	1
1	10/28/2005	2:13:21 PM	1
1	10/28/2005	2:13:21 PM	20
1	10/28/2005	2:13:21 PM	1
1	10/28/2005	3:36:08 PM	21
1	10/28/2005	3:36:08 PM	1
1	10/28/2005	3:36:09 PM	1

SITE 23 OCT 27-29 JAMAR 2

1	10/29/2005	4:33:22 PM	22
1	10/29/2005	4:33:22 PM	
1	10/29/2005	6:12:55 AM	1
1	10/29/2005	6:12:55 AM	
1	10/29/2005	6:12:55 AM	2
1	10/29/2005	6:12:55 AM	
1	10/29/2005	6:13:36 AM	3
1	10/29/2005	6:13:36 AM	
1	10/29/2005	9:22:07 AM	4
1	10/29/2005	9:22:28 AM	
1	10/29/2005	9:22:28 AM	
1	10/29/2005	9:22:29 AM	
1	10/29/2005	9:54:45 AM	5
1	10/29/2005	9:54:46 AM	
1	10/29/2005	9:54:46 AM	6
1	10/29/2005	9:54:47 AM	
1	10/29/2005	9:54:47 AM	7
1	10/29/2005	9:54:47 AM	
1	10/29/2005	1:11:01 PM	8
1	10/29/2005	1:11:07 PM	
1	10/29/2005	1:11:07 PM	9
1	10/29/2005	1:11:08 PM	
1	10/29/2005	1:20:38 PM	10
1	10/29/2005	1:20:38 PM	
1	10/29/2005	1:20:39 PM	11
1	10/29/2005	1:20:39 PM	
1	10/29/2005	2:27:49 PM	12
1	10/29/2005	2:27:49 PM	
1	10/29/2005	2:27:50 PM	13
1	10/29/2005	2:27:50 PM	
1	10/29/2005	2:27:51 PM	14
1	10/29/2005	2:27:51 PM	
1	10/29/2005	2:27:51 PM	

SITE 24 OCT 27-29 JAMAR 1

Sensor	Date	Time	Count
1	10/26/2005	3:05:02 AM	1
1	10/26/2005	3:05:03 AM	
1	10/26/2005	3:05:03 AM	1
1	10/26/2005	3:05:03 AM	
1	10/26/2005	3:05:03 AM	
1	10/26/2005	6:00:03 AM	1
1	10/26/2005	6:00:04 AM	
1	10/26/2005	6:38:50 AM	1
1	10/26/2005	6:38:50 AM	
1	10/26/2005	7:40:44 AM	1
1	10/26/2005	7:40:44 AM	
1	10/26/2005	8:19:16 AM	1
1	10/26/2005	8:19:16 AM	
1	10/26/2005	8:19:17 AM	
1	10/26/2005	8:20:44 AM	1
1	10/26/2005	8:20:44 AM	
1	10/26/2005	8:20:45 AM	1
1	10/26/2005	8:20:45 AM	
1	10/26/2005	8:51:08 AM	1
1	10/26/2005	8:51:08 AM	
1	10/26/2005	9:08:08 AM	1
1	10/26/2005	9:08:09 AM	
1	10/26/2005	9:50:32 AM	1
1	10/26/2005	9:50:32 AM	
1	10/26/2005	9:50:33 AM	1
1	10/26/2005	9:50:33 AM	
1	10/26/2005	10:32:17 AM	1
1	10/26/2005	10:32:17 AM	
1	10/26/2005	10:32:42 AM	1
1	10/26/2005	10:32:57 AM	
1	10/26/2005	10:32:57 AM	
1	10/26/2005	10:35:43 AM	1
1	10/26/2005	10:35:43 AM	
1	10/26/2005	10:35:43 AM	1
1	10/26/2005	10:35:43 AM	
1	10/26/2005	11:10:48 AM	1
1	10/26/2005	11:10:50 AM	
1	10/26/2005	11:10:50 AM	1
1	10/26/2005	11:10:51 AM	
1	10/26/2005	11:28:14 AM	1
1	10/26/2005	11:28:14 AM	
1	10/26/2005	11:28:14 AM	1
1	10/26/2005	11:28:14 AM	
1	10/26/2005	11:59:06 AM	1
1	10/26/2005	11:59:06 AM	
1	10/26/2005	11:59:07 AM	1
1	10/26/2005	11:59:07 AM	
1	10/26/2005	12:02:52 PM	1
1	10/26/2005	12:02:53 PM	
1	10/26/2005	12:06:56 PM	1
1	10/26/2005	12:06:56 PM	
1	10/26/2005	12:06:56 PM	1
1	10/26/2005	12:06:56 PM	
1	10/26/2005	12:18:51 PM	1
1	10/26/2005	12:18:52 PM	
1	10/26/2005	12:18:52 PM	1
1	10/26/2005	12:18:52 PM	
1	10/26/2005	12:29:50 PM	1
1	10/26/2005	12:29:50 PM	
1	10/26/2005	12:29:51 PM	1
1	10/26/2005	12:29:51 PM	
1	10/26/2005	12:29:51 PM	
1	10/26/2005	1:10:36 PM	1
1	10/26/2005	1:10:36 PM	
1	10/26/2005	1:10:36 PM	1
1	10/26/2005	1:10:36 PM	
1	10/26/2005	1:12:54 PM	1
1	10/26/2005	1:12:54 PM	
1	10/26/2005	1:12:54 PM	1
1	10/26/2005	1:12:54 PM	
1	10/26/2005	1:14:48 PM	1
1	10/26/2005	1:14:48 PM	
1	10/26/2005	1:21:14 PM	1
1	10/26/2005	1:21:14 PM	
1	10/26/2005	1:21:14 PM	1
1	10/26/2005	1:21:14 PM	
1	10/26/2005	1:25:10 PM	1
1	10/26/2005	1:25:10 PM	
1	10/26/2005	1:25:10 PM	1
1	10/26/2005	1:25:10 PM	
1	10/26/2005	2:12:41 PM	1
1	10/26/2005	2:12:41 PM	
1	10/26/2005	2:12:42 PM	1
1	10/26/2005	2:12:42 PM	
1	10/26/2005	2:20:47 PM	1
1	10/26/2005	2:20:47 PM	
1	10/26/2005	2:20:48 PM	
1	10/26/2005	2:57:34 PM	1
1	10/26/2005	2:57:34 PM	
1	10/26/2005	2:57:35 PM	1
1	10/26/2005	2:57:35 PM	
1	10/26/2005	3:08:55 PM	1
1	10/26/2005	3:08:55 PM	
1	10/26/2005	3:08:56 PM	1
1	10/26/2005	3:08:56 PM	
1	10/26/2005	3:21:48 PM	1
1	10/26/2005	3:21:48 PM	
1	10/26/2005	3:21:49 PM	1
1	10/26/2005	3:21:49 PM	
1	10/26/2005	3:29:47 PM	1
1	10/26/2005	3:29:47 PM	
1	10/26/2005	3:33:25 PM	1

SITE 24 OCT 27-29 JAMAR 1

1	10/26/2005	3:33:25 PM	
1	10/26/2005	3:35:57 PM	1
1	10/26/2005	3:35:57 PM	
1	10/26/2005	3:55:19 PM	1
1	10/26/2005	3:55:19 PM	
1	10/26/2005	3:55:19 PM	1
1	10/26/2005	3:55:19 PM	
1	10/26/2005	3:55:39 PM	1
1	10/26/2005	3:55:40 PM	
1	10/26/2005	3:58:10 PM	1
1	10/26/2005	3:58:10 PM	
1	10/26/2005	3:58:10 PM	1
1	10/26/2005	3:58:10 PM	
1	10/26/2005	4:02:40 PM	1
1	10/26/2005	4:02:40 PM	
1	10/26/2005	4:02:41 PM	1
1	10/26/2005	4:02:41 PM	
1	10/26/2005	4:02:41 PM	1
1	10/26/2005	4:21:50 PM	1
1	10/26/2005	4:21:51 PM	
1	10/26/2005	4:29:15 PM	1
1	10/26/2005	4:29:16 PM	
1	10/26/2005	4:29:16 PM	1
1	10/26/2005	4:53:38 PM	
1	10/26/2005	4:53:38 PM	1
1	10/26/2005	4:53:39 PM	
1	10/26/2005	4:53:39 PM	1
1	10/26/2005	4:59:58 PM	1
1	10/26/2005	4:59:58 PM	
1	10/26/2005	4:59:59 PM	1
1	10/26/2005	4:59:59 PM	
1	10/26/2005	5:14:33 PM	1
1	10/26/2005	5:14:33 PM	
1	10/26/2005	5:16:59 PM	1
1	10/26/2005	5:16:59 PM	
1	10/26/2005	5:16:59 PM	1
1	10/26/2005	5:16:59 PM	
1	10/26/2005	5:20:55 PM	1
1	10/26/2005	5:20:56 PM	
1	10/26/2005	5:43:33 PM	1
1	10/26/2005	5:43:33 PM	
1	10/26/2005	5:43:34 PM	1
1	10/26/2005	5:43:51 PM	
1	10/26/2005	5:43:51 PM	1
1	10/26/2005	5:43:52 PM	
1	10/26/2005	5:43:52 PM	1
1	10/26/2005	5:58:46 PM	1
1	10/26/2005	5:58:46 PM	
1	10/26/2005	5:58:47 PM	1
1	10/26/2005	5:58:47 PM	
1	10/26/2005	7:51:53 PM	1
1	10/26/2005	7:51:53 PM	
1	10/26/2005	7:51:53 PM	1
1	10/26/2005	7:51:53 PM	
1	10/26/2005	8:52:21 PM	1
1	10/26/2005	8:52:21 PM	
1	10/26/2005	8:52:21 PM	1
1	10/26/2005	8:52:21 PM	
1	10/26/2005	9:43:19 PM	1
1	10/26/2005	9:43:19 PM	
1	10/26/2005	10:12:01 PM	1
1	10/26/2005	10:12:01 PM	
			77
1	10/27/2005	3:17:50 AM	1
1	10/27/2005	3:17:50 AM	
1	10/27/2005	3:17:51 AM	1
1	10/27/2005	3:17:51 AM	
1	10/27/2005	6:30:04 AM	1
1	10/27/2005	6:30:04 AM	
1	10/27/2005	6:30:05 AM	1
1	10/27/2005	6:30:05 AM	
1	10/27/2005	6:30:54 AM	1
1	10/27/2005	6:30:54 AM	
1	10/27/2005	6:30:54 AM	1
1	10/27/2005	6:46:43 AM	
1	10/27/2005	6:46:44 AM	1
1	10/27/2005	6:50:31 AM	
1	10/27/2005	6:50:31 AM	1
1	10/27/2005	6:50:32 AM	
1	10/27/2005	6:50:32 AM	1
1	10/27/2005	6:50:32 AM	
1	10/27/2005	7:11:25 AM	1
1	10/27/2005	7:11:25 AM	
1	10/27/2005	7:11:25 AM	1
1	10/27/2005	7:27:20 AM	
1	10/27/2005	7:27:20 AM	1
1	10/27/2005	7:27:20 AM	
1	10/27/2005	7:27:20 AM	1
1	10/27/2005	7:27:20 AM	
1	10/27/2005	7:28:24 AM	1
1	10/27/2005	7:28:24 AM	
1	10/27/2005	7:28:25 AM	1
1	10/27/2005	7:28:25 AM	
1	10/27/2005	7:28:25 AM	1
1	10/27/2005	7:29:01 AM	
1	10/27/2005	7:29:01 AM	1
1	10/27/2005	7:29:02 AM	
1	10/27/2005	7:29:02 AM	1
1	10/27/2005	7:36:04 AM	
1	10/27/2005	7:36:04 AM	1
1	10/27/2005	7:36:05 AM	
1	10/27/2005	8:09:19 AM	1
1	10/27/2005	8:09:19 AM	

SITE 24 OCT 27-29 JAMAR 1

1	10/27/2005	8:09:20 AM	1
1	10/27/2005	8:09:20 AM	
1	10/27/2005	8:30:00 AM	1
1	10/27/2005	8:30:00 AM	
1	10/27/2005	8:30:00 AM	
1	10/27/2005	8:30:15 AM	1
1	10/27/2005	8:30:15 AM	
1	10/27/2005	8:30:15 AM	1
1	10/27/2005	8:30:15 AM	
1	10/27/2005	8:36:01 AM	1
1	10/27/2005	8:36:01 AM	
1	10/27/2005	8:36:01 AM	1
1	10/27/2005	8:36:01 AM	
1	10/27/2005	8:36:05 AM	1
1	10/27/2005	8:36:05 AM	
1	10/27/2005	8:49:55 AM	1
1	10/27/2005	8:49:55 AM	
1	10/27/2005	8:49:56 AM	
1	10/27/2005	8:51:33 AM	1
1	10/27/2005	8:51:34 AM	
1	10/27/2005	8:56:24 AM	1
1	10/27/2005	8:56:25 AM	
1	10/27/2005	8:59:29 AM	
1	10/27/2005	9:04:59 AM	1
1	10/27/2005	9:05:00 AM	
1	10/27/2005	9:05:24 AM	1
1	10/27/2005	9:05:24 AM	
1	10/27/2005	9:05:25 AM	1
1	10/27/2005	9:05:25 AM	
1	10/27/2005	9:05:25 AM	
1	10/27/2005	9:07:32 AM	1
1	10/27/2005	9:07:33 AM	
1	10/27/2005	9:38:13 AM	1
1	10/27/2005	9:38:13 AM	
1	10/27/2005	9:39:35 AM	1
1	10/27/2005	9:39:35 AM	
1	10/27/2005	9:39:37 AM	1
1	10/27/2005	9:39:37 AM	
1	10/27/2005	10:15:50 AM	1
1	10/27/2005	10:15:50 AM	
1	10/27/2005	10:40:08 AM	1
1	10/27/2005	10:40:11 AM	
1	10/27/2005	10:42:33 AM	1
1	10/27/2005	10:42:33 AM	
1	10/27/2005	10:42:34 AM	1
1	10/27/2005	10:42:34 AM	
1	10/27/2005	10:42:34 AM	1
1	10/27/2005	10:42:34 AM	
1	10/27/2005	10:42:36 AM	1
1	10/27/2005	10:42:36 AM	
1	10/27/2005	10:42:36 AM	1
1	10/27/2005	10:42:36 AM	
1	10/27/2005	10:42:36 AM	1
1	10/27/2005	10:42:36 AM	
1	10/27/2005	10:48:03 AM	1
1	10/27/2005	10:48:04 AM	
1	10/27/2005	10:48:05 AM	
1	10/27/2005	10:57:07 AM	1
1	10/27/2005	10:57:07 AM	
1	10/27/2005	10:57:07 AM	1
1	10/27/2005	10:57:07 AM	
1	10/27/2005	10:57:08 AM	1
1	10/27/2005	10:57:08 AM	
1	10/27/2005	10:57:08 AM	
1	10/27/2005	10:59:44 AM	1
1	10/27/2005	10:59:44 AM	
1	10/27/2005	11:38:21 AM	1
1	10/27/2005	11:38:21 AM	
1	10/27/2005	11:38:21 AM	
1	10/27/2005	11:45:54 AM	1
1	10/27/2005	11:45:54 AM	
1	10/27/2005	11:45:55 AM	
1	10/27/2005	12:00:26 PM	1
1	10/27/2005	12:00:27 PM	
1	10/27/2005	12:00:27 PM	
1	10/27/2005	12:01:03 PM	1
1	10/27/2005	12:01:04 PM	
1	10/27/2005	12:01:05 PM	
1	10/27/2005	12:14:35 PM	1
1	10/27/2005	12:14:35 PM	
1	10/27/2005	12:14:36 PM	1
1	10/27/2005	12:14:36 PM	
1	10/27/2005	12:20:19 PM	1
1	10/27/2005	12:20:19 PM	
1	10/27/2005	12:24:59 PM	1
1	10/27/2005	12:24:59 PM	
1	10/27/2005	12:24:59 PM	1
1	10/27/2005	12:24:59 PM	
1	10/27/2005	12:33:06 PM	1
1	10/27/2005	12:33:06 PM	
1	10/27/2005	12:33:06 PM	1
1	10/27/2005	12:33:07 PM	
1	10/27/2005	12:33:07 PM	1
1	10/27/2005	12:33:07 PM	
1	10/27/2005	12:40:53 PM	1
1	10/27/2005	12:40:54 PM	
1	10/27/2005	12:42:16 PM	1
1	10/27/2005	12:42:16 PM	
1	10/27/2005	12:42:16 PM	1
1	10/27/2005	12:56:36 PM	1
1	10/27/2005	12:56:36 PM	
1	10/27/2005	12:56:37 PM	1

SITE 2# OCT 27-29 JAMAR 1

1	10/27/2005	12:56:37 PM	
1	10/27/2005	12:56:38 PM	1
1	10/27/2005	12:56:38 PM	
1	10/27/2005	12:58:23 PM	1
1	10/27/2005	12:58:24 PM	
1	10/27/2005	1:01:32 PM	1
1	10/27/2005	1:01:32 PM	
1	10/27/2005	1:49:32 PM	1
1	10/27/2005	2:06:43 PM	1
1	10/27/2005	2:06:43 PM	
1	10/27/2005	2:07:24 PM	1
1	10/27/2005	2:07:24 PM	
1	10/27/2005	2:07:25 PM	1
1	10/27/2005	2:07:36 PM	
1	10/27/2005	2:07:36 PM	
1	10/27/2005	2:07:37 PM	
1	10/27/2005	2:17:56 PM	1
1	10/27/2005	2:17:56 PM	
1	10/27/2005	2:44:45 PM	1
1	10/27/2005	2:49:42 PM	1
1	10/27/2005	2:49:43 PM	
1	10/27/2005	2:51:32 PM	1
1	10/27/2005	2:51:33 PM	
1	10/27/2005	2:52:22 PM	1
1	10/27/2005	2:52:22 PM	
1	10/27/2005	3:02:59 PM	1
1	10/27/2005	3:02:59 PM	
1	10/27/2005	3:19:53 PM	1
1	10/27/2005	3:19:54 PM	
1	10/27/2005	4:02:23 PM	1
1	10/27/2005	4:02:23 PM	
1	10/27/2005	4:02:23 PM	
1	10/27/2005	4:19:30 PM	1
1	10/27/2005	4:19:31 PM	
1	10/27/2005	4:19:44 PM	1
1	10/27/2005	4:19:45 PM	
1	10/27/2005	4:21:38 PM	1
1	10/27/2005	4:21:38 PM	
1	10/27/2005	4:21:39 PM	
1	10/27/2005	4:47:14 PM	1
1	10/27/2005	4:47:15 PM	
1	10/27/2005	4:51:59 PM	1
1	10/27/2005	4:51:59 PM	
1	10/27/2005	5:23:46 PM	1
1	10/27/2005	5:23:46 PM	
1	10/27/2005	5:32:54 PM	1
1	10/27/2005	5:34:35 PM	1
1	10/27/2005	5:34:36 PM	
1	10/27/2005	5:45:03 PM	1
1	10/27/2005	5:45:04 PM	
1	10/27/2005	5:45:05 PM	1
1	10/27/2005	5:45:05 PM	
1	10/27/2005	5:45:05 PM	
1	10/27/2005	6:03:08 PM	1
1	10/27/2005	6:03:09 PM	
1	10/27/2005	7:30:43 PM	1
1	10/27/2005	7:30:43 PM	
1	10/27/2005	8:40:44 PM	1
1	10/27/2005	8:40:44 PM	
			91
1	10/28/2005	3:04:04 AM	1
1	10/28/2005	3:04:04 AM	
1	10/28/2005	3:18:33 AM	1
1	10/28/2005	3:18:34 AM	
1	10/28/2005	3:21:45 AM	1
1	10/28/2005	3:21:45 AM	
1	10/28/2005	6:22:23 AM	1
1	10/28/2005	6:22:23 AM	
1	10/28/2005	6:22:23 AM	1
1	10/28/2005	6:22:23 AM	
1	10/28/2005	9:17:41 AM	1
1	10/28/2005	9:17:41 AM	
1	10/28/2005	9:17:47 AM	1
1	10/28/2005	9:17:50 AM	
1	10/28/2005	9:21:59 AM	1
1	10/28/2005	9:22:00 AM	
1	10/28/2005	9:37:30 AM	1
1	10/28/2005	9:37:31 AM	
1	10/28/2005	9:37:31 AM	1
1	10/28/2005	9:37:31 AM	
1	10/28/2005	9:37:31 AM	1
1	10/28/2005	9:37:31 AM	
1	10/28/2005	9:37:33 AM	1
1	10/28/2005	9:43:27 AM	
1	10/28/2005	9:43:28 AM	
1	10/28/2005	9:43:29 AM	
1	10/28/2005	9:43:31 AM	1
1	10/28/2005	9:43:31 AM	
1	10/28/2005	9:46:38 AM	1
1	10/28/2005	9:46:38 AM	
1	10/28/2005	9:49:17 AM	1
1	10/28/2005	9:49:17 AM	
1	10/28/2005	9:49:17 AM	
1	10/28/2005	9:55:55 AM	1
1	10/28/2005	9:55:55 AM	
1	10/28/2005	9:55:56 AM	1
1	10/28/2005	9:55:56 AM	
1	10/28/2005	10:07:40 AM	1
1	10/28/2005	10:07:40 AM	
1	10/28/2005	10:07:41 AM	1
1	10/28/2005	10:07:41 AM	
1	10/28/2005	10:43:22 AM	1

SITE 24 OCT 27-29 JAMAR 1

1	10/28/2005	10:43:22 AM	1
1	10/28/2005	10:51:06 AM	
1	10/28/2005	10:51:07 AM	
1	10/28/2005	10:51:07 AM	
1	10/28/2005	10:51:07 AM	
1	10/28/2005	10:51:08 AM	1
1	10/28/2005	10:51:08 AM	
1	10/28/2005	10:51:09 AM	1
1	10/28/2005	10:51:09 AM	
1	10/28/2005	10:51:10 AM	1
1	10/28/2005	10:51:10 AM	
1	10/28/2005	10:51:10 AM	1
1	10/28/2005	10:51:10 AM	
1	10/28/2005	10:51:10 AM	
1	10/28/2005	10:54:14 AM	1
1	10/28/2005	10:54:14 AM	
1	10/28/2005	10:54:15 AM	1
1	10/28/2005	10:54:15 AM	
1	10/28/2005	11:40:54 AM	1
1	10/28/2005	11:40:54 AM	
1	10/28/2005	11:40:55 AM	1
1	10/28/2005	11:40:55 AM	
1	10/28/2005	11:40:55 AM	
1	10/28/2005	11:45:43 AM	1
1	10/28/2005	11:45:43 AM	
1	10/28/2005	11:47:10 AM	1
1	10/28/2005	11:47:10 AM	
1	10/28/2005	11:58:38 AM	1
1	10/28/2005	11:58:38 AM	
1	10/28/2005	11:58:38 AM	1
1	10/28/2005	11:58:39 AM	
1	10/28/2005	12:01:57 PM	1
1	10/28/2005	12:01:57 PM	
1	10/28/2005	12:35:26 PM	1
1	10/28/2005	12:35:26 PM	
1	10/28/2005	12:36:08 PM	1
1	10/28/2005	12:36:09 PM	
1	10/28/2005	12:37:38 PM	1
1	10/28/2005	12:37:39 PM	
1	10/28/2005	12:49:08 PM	1
1	10/28/2005	12:49:08 PM	
1	10/28/2005	12:49:09 PM	
1	10/28/2005	1:00:43 PM	1
1	10/28/2005	1:00:43 PM	
1	10/28/2005	1:00:43 PM	
1	10/28/2005	1:19:05 PM	1
1	10/28/2005	1:19:05 PM	
1	10/28/2005	1:24:29 PM	1
1	10/28/2005	1:24:29 PM	
1	10/28/2005	1:29:00 PM	1
1	10/28/2005	1:29:00 PM	
1	10/28/2005	1:34:26 PM	1
1	10/28/2005	1:34:26 PM	
1	10/28/2005	1:41:38 PM	1
1	10/28/2005	1:41:38 PM	
1	10/28/2005	1:41:38 PM	
1	10/28/2005	1:42:09 PM	1
1	10/28/2005	1:42:10 PM	
1	10/28/2005	1:42:15 PM	1
1	10/28/2005	1:42:16 PM	
1	10/28/2005	1:42:18 PM	1
1	10/28/2005	1:42:19 PM	
1	10/28/2005	1:42:20 PM	
1	10/28/2005	1:58:17 PM	1
1	10/28/2005	1:58:18 PM	
1	10/28/2005	2:23:40 PM	1
1	10/28/2005	2:23:40 PM	
1	10/28/2005	2:26:32 PM	1
1	10/28/2005	2:26:32 PM	
1	10/28/2005	2:38:29 PM	1
1	10/28/2005	2:38:29 PM	
1	10/28/2005	2:38:29 PM	
1	10/28/2005	2:38:48 PM	1
1	10/28/2005	2:38:48 PM	
1	10/28/2005	2:38:48 PM	
1	10/28/2005	3:00:24 PM	1
1	10/28/2005	3:00:25 PM	
1	10/28/2005	3:18:17 PM	1
1	10/28/2005	3:18:17 PM	
1	10/28/2005	3:37:24 PM	1
1	10/28/2005	3:41:55 PM	1
1	10/28/2005	3:41:55 PM	
1	10/28/2005	3:41:56 PM	1
1	10/28/2005	3:41:56 PM	
1	10/28/2005	3:41:56 PM	
1	10/28/2005	4:19:46 PM	1
1	10/28/2005	4:19:47 PM	
1	10/28/2005	4:24:27 PM	1
1	10/28/2005	4:24:28 PM	
1	10/28/2005	5:28:17 PM	1
1	10/28/2005	5:28:17 PM	
1	10/28/2005	6:02:38 PM	1
1	10/28/2005	6:02:38 PM	
1	10/28/2005	6:04:43 PM	1
1	10/28/2005	6:04:43 PM	
1	10/28/2005	6:10:41 PM	1
1	10/28/2005	6:10:42 PM	
1	10/28/2005	6:44:58 PM	1
1	10/28/2005	6:44:58 PM	
1	10/28/2005	6:45:00 PM	1
1	10/28/2005	6:45:00 PM	
1	10/28/2005	6:52:30 PM	1

SITE 24 OCT 27-29 JAMAR 1

1	10/28/2005	6:52:30 PM	
1	10/28/2005	6:52:30 PM	1
1	10/28/2005	6:52:30 PM	
1	10/28/2005	7:35:43 PM	1
1	10/28/2005	7:35:44 PM	
1	10/28/2005	7:37:39 PM	1
1	10/28/2005	7:37:39 PM	
1	10/28/2005	7:37:39 PM	1
1	10/28/2005	7:37:39 PM	
1	10/28/2005	7:59:24 PM	1
1	10/28/2005	7:59:24 PM	
1	10/28/2005	7:59:24 PM	1
1	10/28/2005	8:45:25 PM	
1	10/28/2005	8:45:25 PM	1
1	10/28/2005	9:10:11 PM	
1	10/28/2005	9:10:11 PM	1
1	10/28/2005	9:10:12 PM	
1	10/28/2005	9:10:12 PM	1
1	10/28/2005	9:40:09 PM	
1	10/28/2005	9:40:09 PM	1
			75
1	10/29/2005	12:41:17 AM	1
1	10/29/2005	12:41:18 AM	
1	10/29/2005	1:32:27 AM	1
1	10/29/2005	1:32:27 AM	
1	10/29/2005	3:11:38 AM	1
1	10/29/2005	3:11:38 AM	
1	10/29/2005	3:11:39 AM	1
1	10/29/2005	3:11:39 AM	
1	10/29/2005	3:11:39 AM	1
1	10/29/2005	3:18:05 AM	
1	10/29/2005	3:18:05 AM	1
1	10/29/2005	7:23:04 AM	
1	10/29/2005	7:23:04 AM	1
1	10/29/2005	9:05:14 AM	
1	10/29/2005	9:05:15 AM	1
1	10/29/2005	9:15:51 AM	
1	10/29/2005	9:16:05 AM	1
1	10/29/2005	9:16:08 AM	
1	10/29/2005	9:16:11 AM	1
1	10/29/2005	9:16:11 AM	
1	10/29/2005	9:16:11 AM	1
1	10/29/2005	9:16:11 AM	
1	10/29/2005	9:24:26 AM	1
1	10/29/2005	9:24:27 AM	
1	10/29/2005	9:24:27 AM	1
1	10/29/2005	9:24:27 AM	
1	10/29/2005	9:31:14 AM	1
1	10/29/2005	9:31:14 AM	
1	10/29/2005	10:04:21 AM	1
1	10/29/2005	10:04:22 AM	
1	10/29/2005	10:04:22 AM	1
1	10/29/2005	10:10:20 AM	
1	10/29/2005	10:10:20 AM	1
1	10/29/2005	10:10:21 AM	
1	10/29/2005	10:10:21 AM	1
1	10/29/2005	10:15:09 AM	
1	10/29/2005	10:15:09 AM	1
1	10/29/2005	10:15:09 AM	
1	10/29/2005	10:17:57 AM	1
1	10/29/2005	10:17:58 AM	
1	10/29/2005	10:17:58 AM	1
1	10/29/2005	10:30:11 AM	
1	10/29/2005	10:30:11 AM	1
1	10/29/2005	10:52:55 AM	
1	10/29/2005	10:52:56 AM	1
1	10/29/2005	10:57:18 AM	
1	10/29/2005	10:57:19 AM	1
1	10/29/2005	11:03:08 AM	
1	10/29/2005	11:03:09 AM	1
1	10/29/2005	11:22:53 AM	
1	10/29/2005	11:22:54 AM	1
1	10/29/2005	11:32:27 AM	
1	10/29/2005	11:32:28 AM	1
1	10/29/2005	11:32:40 AM	
1	10/29/2005	11:32:41 AM	1
1	10/29/2005	12:12:05 PM	
1	10/29/2005	12:12:06 PM	1
1	10/29/2005	12:17:42 PM	
1	10/29/2005	12:17:42 PM	1
1	10/29/2005	12:17:42 PM	
1	10/29/2005	12:17:42 PM	1
1	10/29/2005	12:59:19 PM	
1	10/29/2005	12:59:20 PM	1
1	10/29/2005	12:59:27 PM	
1	10/29/2005	12:59:28 PM	1
1	10/29/2005	1:03:31 PM	
1	10/29/2005	1:03:47 PM	1
1	10/29/2005	1:03:49 PM	
1	10/29/2005	1:03:51 PM	1
1	10/29/2005	1:03:53 PM	
1	10/29/2005	1:03:54 PM	1
1	10/29/2005	1:04:31 PM	
1	10/29/2005	1:04:32 PM	1
1	10/29/2005	1:10:42 PM	
1	10/29/2005	1:10:42 PM	1
1	10/29/2005	1:21:33 PM	
1	10/29/2005	1:21:34 PM	1
1	10/29/2005	1:21:34 PM	
1	10/29/2005	1:21:36 PM	1
1	10/29/2005	1:21:36 PM	
1	10/29/2005	1:28:57 PM	1
1	10/29/2005	1:28:58 PM	
1	10/29/2005	1:59:32 PM	1
1	10/29/2005	1:59:32 PM	

SITE 24 OCT 27-29 JAMAR 1

1	10/29/2005	2:02:24 PM	1
1	10/29/2005	2:02:25 PM	
1	10/29/2005	2:32:03 PM	1
1	10/29/2005	2:32:03 PM	
1	10/29/2005	2:45:34 PM	1
1	10/29/2005	2:45:34 PM	
1	10/29/2005	3:08:55 PM	1
1	10/29/2005	3:08:56 PM	
1	10/29/2005	3:12:57 PM	1
1	10/29/2005	3:12:57 PM	
1	10/29/2005	3:12:57 PM	
1	10/29/2005	3:58:16 PM	1
1	10/29/2005	3:58:17 PM	
1	10/29/2005	4:03:52 PM	1
1	10/29/2005	4:03:52 PM	
1	10/29/2005	4:12:46 PM	1
1	10/29/2005	4:12:47 PM	
1	10/29/2005	4:28:59 PM	1
1	10/29/2005	4:29:00 PM	
1	10/29/2005	4:29:00 PM	
1	10/29/2005	4:50:14 PM	1
1	10/29/2005	4:50:14 PM	
1	10/29/2005	5:43:36 PM	1
1	10/29/2005	5:43:37 PM	
1	10/29/2005	5:45:34 PM	1
1	10/29/2005	5:45:34 PM	
1	10/29/2005	5:50:13 PM	1
1	10/29/2005	5:50:14 PM	
1	10/29/2005	6:03:39 PM	1
1	10/29/2005	6:03:40 PM	
1	10/29/2005	6:46:54 PM	1
1	10/29/2005	6:46:54 PM	
1	10/29/2005	6:46:54 PM	
1	10/29/2005	7:43:43 PM	1
1	10/29/2005	7:43:43 PM	
1	10/29/2005	7:43:44 PM	1
1	10/29/2005	7:43:44 PM	
1	10/29/2005	8:22:10 PM	1
1	10/29/2005	8:22:10 PM	
1	10/29/2005	8:24:43 PM	1
1	10/29/2005	8:24:43 PM	
1	10/29/2005	11:29:36 PM	1
1	10/29/2005	11:29:37 PM	

55

SITE 25 OCT 20-22 JAMAR 3

Sensor	Date	Time	Count
1	10/20/2005	6:49:12 AM	1
1	10/20/2005	7:43:59 AM	2
1	10/20/2005	7:43:59 AM	
1	10/20/2005	8:14:10 AM	3
1	10/20/2005	8:14:10 AM	
1	10/20/2005	8:14:10 AM	4
1	10/20/2005	8:14:10 AM	
1	10/20/2005	8:14:11 AM	5
1	10/20/2005	8:14:11 AM	
1	10/20/2005	8:33:12 AM	6
1	10/20/2005	8:33:12 AM	
1	10/20/2005	8:33:13 AM	7
1	10/20/2005	8:33:13 AM	
1	10/20/2005	9:31:01 AM	8
1	10/20/2005	9:31:09 AM	
1	10/20/2005	9:31:16 AM	9
1	10/20/2005	11:06:53 AM	10
1	10/20/2005	11:06:54 AM	
1	10/20/2005	11:06:54 AM	
1	10/20/2005	6:32:53 PM	11
1	10/20/2005	6:32:53 PM	
1	10/20/2005	6:32:55 PM	12
1	10/20/2005	6:32:55 PM	
1	10/20/2005	7:18:11 PM	13
1	10/20/2005	7:18:11 PM	
1	10/21/2005	8:54:43 AM	1
1	10/21/2005	8:54:43 AM	
1	10/21/2005	8:54:58 AM	
1	10/21/2005	8:55:02 AM	2
1	10/21/2005	8:55:03 AM	
1	10/21/2005	8:55:07 AM	3
1	10/21/2005	8:55:08 AM	
1	10/21/2005	8:55:35 AM	4
1	10/21/2005	12:18:54 PM	5
1	10/21/2005	2:16:17 PM	6
1	10/21/2005	2:16:18 PM	
1	10/21/2005	3:28:54 PM	7
1	10/21/2005	3:28:54 PM	
1	10/21/2005	3:53:26 PM	8
1	10/21/2005	3:53:27 PM	
1	10/21/2005	4:02:49 PM	9
1	10/21/2005	4:02:50 PM	
1	10/21/2005	5:04:33 PM	10
1	10/21/2005	5:04:33 PM	
1	10/21/2005	5:04:47 PM	11
1	10/21/2005	5:04:53 PM	
1	10/21/2005	5:04:56 PM	12
1	10/21/2005	6:07:14 PM	13
1	10/21/2005	6:07:14 PM	
1	10/21/2005	6:07:14 PM	
1	10/21/2005	6:09:09 PM	14
1	10/21/2005	6:09:09 PM	
1	10/21/2005	6:09:09 PM	15
1	10/21/2005	6:09:09 PM	
1	10/21/2005	6:20:41 PM	16
1	10/21/2005	6:20:41 PM	
1	10/21/2005	6:20:41 PM	17
1	10/21/2005	6:20:42 PM	
1	10/21/2005	6:20:42 PM	
1	10/22/2005	5:45:40 AM	1
1	10/22/2005	5:45:40 AM	
1	10/22/2005	5:45:40 AM	
1	10/22/2005	5:45:41 AM	2
1	10/22/2005	5:45:41 AM	
1	10/22/2005	7:46:22 AM	3
1	10/22/2005	7:46:23 AM	
1	10/22/2005	7:46:23 AM	
1	10/22/2005	11:02:34 AM	4
1	10/22/2005	11:02:34 AM	
1	10/22/2005	11:02:51 AM	5
1	10/22/2005	11:02:51 AM	
1	10/22/2005	11:02:54 AM	
1	10/22/2005	12:32:33 PM	6
1	10/22/2005	5:41:06 PM	7
1	10/23/2005	2:10:24 AM	1
1	10/23/2005	2:10:25 AM	
1	10/23/2005	10:31:08 AM	2
1	10/23/2005	10:31:08 AM	
1	10/23/2005	10:31:09 AM	3
1	10/23/2005	10:31:09 AM	
1	10/23/2005	10:57:05 AM	4
1	10/23/2005	10:57:06 AM	
1	10/23/2005	11:03:56 AM	5
1	10/23/2005	11:03:56 AM	
1	10/23/2005	11:12:18 AM	6
1	10/23/2005	11:12:18 AM	
1	10/23/2005	11:12:18 AM	7
1	10/23/2005	11:12:18 AM	
1	10/23/2005	11:39:59 AM	8
1	10/23/2005	11:43:08 AM	9
1	10/23/2005	11:43:09 AM	
1	10/23/2005	3:06:15 PM	10

SITE 25 OCT 20-22 JAMAR 2

Sensor	Date	Time	Count
1	10/20/2005	5:11:42 AM	1
1	10/20/2005	5:11:43 AM	1
1	10/20/2005	5:36:24 AM	1
1	10/20/2005	5:36:24 AM	1
1	10/20/2005	5:46:11 AM	1
1	10/20/2005	5:46:11 AM	1
1	10/20/2005	5:46:11 AM	1
1	10/20/2005	6:00:02 AM	1
1	10/20/2005	6:00:02 AM	1
1	10/20/2005	6:31:08 AM	1
1	10/20/2005	6:31:09 AM	1
1	10/20/2005	6:59:31 AM	1
1	10/20/2005	6:59:32 AM	1
1	10/20/2005	7:06:45 AM	1
1	10/20/2005	7:06:46 AM	1
1	10/20/2005	7:06:46 AM	1
1	10/20/2005	7:44:07 AM	1
1	10/20/2005	7:44:07 AM	1
1	10/20/2005	7:54:32 AM	1
1	10/20/2005	7:54:33 AM	1
1	10/20/2005	8:07:31 AM	1
1	10/20/2005	8:07:31 AM	1
1	10/20/2005	8:07:32 AM	1
1	10/20/2005	8:07:32 AM	1
1	10/20/2005	8:07:32 AM	1
1	10/20/2005	8:11:18 AM	1
1	10/20/2005	8:11:19 AM	1
1	10/20/2005	8:11:19 AM	1
1	10/20/2005	8:11:19 AM	1
1	10/20/2005	8:43:09 AM	1
1	10/20/2005	8:43:11 AM	1
1	10/20/2005	8:46:37 AM	1
1	10/20/2005	8:46:38 AM	1
1	10/20/2005	8:46:45 AM	1
1	10/20/2005	8:46:47 AM	1
1	10/20/2005	9:28:52 AM	1
1	10/20/2005	9:29:37 AM	1
1	10/20/2005	9:29:47 AM	1
1	10/20/2005	9:29:53 AM	1
1	10/20/2005	9:42:38 AM	1
1	10/20/2005	9:42:39 AM	1
1	10/20/2005	9:52:40 AM	1
1	10/20/2005	9:52:40 AM	1
1	10/20/2005	9:52:41 AM	1
1	10/20/2005	9:52:41 AM	1
1	10/20/2005	11:06:03 AM	3
1	10/20/2005	11:06:03 AM	1
1	10/20/2005	11:13:42 AM	1
1	10/20/2005	11:13:43 AM	1
1	10/20/2005	11:17:59 AM	1
1	10/20/2005	11:18:00 AM	1
1	10/20/2005	11:19:03 AM	1
1	10/20/2005	11:19:04 AM	1
1	10/20/2005	11:56:05 AM	1
1	10/20/2005	11:56:06 AM	1
1	10/20/2005	12:12:25 PM	1
1	10/20/2005	12:12:25 PM	1
1	10/20/2005	12:12:26 PM	1
1	10/20/2005	12:12:26 PM	1
1	10/20/2005	12:12:26 PM	1
1	10/20/2005	1:30:19 PM	1
1	10/20/2005	1:30:19 PM	1
1	10/20/2005	1:30:21 PM	1
1	10/20/2005	1:30:21 PM	1
1	10/20/2005	2:07:58 PM	1
1	10/20/2005	2:07:58 PM	1
1	10/20/2005	2:07:59 PM	1
1	10/20/2005	2:08:01 PM	1
1	10/20/2005	2:08:01 PM	1
1	10/20/2005	2:08:02 PM	1
1	10/20/2005	2:08:02 PM	1
1	10/20/2005	2:14:22 PM	1
1	10/20/2005	2:14:36 PM	1
1	10/20/2005	2:40:07 PM	1
1	10/20/2005	2:40:07 PM	1
1	10/20/2005	2:40:08 PM	1
1	10/20/2005	2:41:28 PM	1
1	10/20/2005	2:41:28 PM	1
1	10/20/2005	2:41:28 PM	1
1	10/20/2005	2:41:28 PM	1
1	10/20/2005	2:58:44 PM	1
1	10/20/2005	2:58:44 PM	1
1	10/20/2005	3:41:05 PM	1
1	10/20/2005	3:41:05 PM	1
1	10/20/2005	3:41:06 PM	1
1	10/20/2005	3:41:06 PM	1
1	10/20/2005	4:07:56 PM	1
1	10/20/2005	4:32:44 PM	1
1	10/20/2005	4:32:44 PM	1
1	10/20/2005	4:32:45 PM	1
1	10/20/2005	4:32:45 PM	1
1	10/20/2005	4:38:21 PM	1
1	10/20/2005	4:38:22 PM	1
1	10/20/2005	4:44:38 PM	1
1	10/20/2005	4:44:38 PM	1
1	10/20/2005	4:44:39 PM	1
1	10/20/2005	4:44:39 PM	1
1	10/20/2005	4:52:14 PM	1
1	10/20/2005	4:52:14 PM	1
1	10/20/2005	4:52:14 PM	1

SITE 26 OCT 20-22 JAMAR 2

1	10/20/2005	4:59:10 PM	1
1	10/20/2005	4:59:10 PM	
1	10/20/2005	4:59:10 PM	1
1	10/20/2005	4:59:10 PM	
1	10/20/2005	5:22:26 PM	1
1	10/20/2005	5:22:27 PM	
1	10/20/2005	5:34:06 PM	1
1	10/20/2005	5:34:06 PM	
1	10/20/2005	5:47:57 PM	1
1	10/20/2005	5:47:58 PM	
1	10/20/2005	5:56:29 PM	1
1	10/20/2005	5:56:30 PM	
1	10/20/2005	6:02:40 PM	1
1	10/20/2005	6:02:41 PM	
1	10/20/2005	7:02:27 PM	1
1	10/20/2005	7:02:28 PM	
1	10/20/2005	7:44:34 PM	1
1	10/20/2005	7:44:34 PM	
1	10/20/2005	7:44:35 PM	
1	10/20/2005	7:50:30 PM	1
1	10/20/2005	7:50:30 PM	
1	10/20/2005	7:50:31 PM	
1	10/20/2005	7:52:15 PM	1
1	10/20/2005	7:52:15 PM	
1	10/20/2005	7:52:29 PM	1
1	10/20/2005	7:52:30 PM	
1	10/20/2005	8:04:53 PM	1
1	10/20/2005	8:04:53 PM	
1	10/20/2005	8:04:54 PM	1
1	10/20/2005	8:04:54 PM	
1	10/20/2005	8:29:03 PM	1
1	10/20/2005	8:29:03 PM	
1	10/20/2005	8:29:04 PM	
1	10/20/2005	8:37:05 PM	1
1	10/20/2005	8:37:05 PM	
1	10/20/2005	8:37:06 PM	
1	10/20/2005	8:41:03 PM	1
1	10/20/2005	8:41:03 PM	
1	10/20/2005	8:41:04 PM	1
1	10/20/2005	8:41:04 PM	
1	10/20/2005	9:52:55 PM	1
1	10/20/2005	9:52:55 PM	
1	10/20/2005	9:52:55 PM	1
1	10/20/2005	9:54:56 PM	
1	10/20/2005	9:54:57 PM	1
1	10/20/2005	9:54:57 PM	
			72 Vehicles
1	10/21/2005	5:39:34 AM	1
1	10/21/2005	5:39:34 AM	
1	10/21/2005	5:45:51 AM	1
1	10/21/2005	5:45:52 AM	
1	10/21/2005	5:50:16 AM	1
1	10/21/2005	5:50:16 AM	
1	10/21/2005	7:13:10 AM	1
1	10/21/2005	7:13:10 AM	
1	10/21/2005	7:13:11 AM	
1	10/21/2005	7:50:51 AM	1
1	10/21/2005	7:50:51 AM	
1	10/21/2005	7:50:51 AM	
1	10/21/2005	7:53:59 AM	1
1	10/21/2005	7:53:59 AM	
1	10/21/2005	8:14:40 AM	1
1	10/21/2005	8:14:40 AM	
1	10/21/2005	8:14:41 AM	
1	10/21/2005	8:19:22 AM	1
1	10/21/2005	8:19:23 AM	
1	10/21/2005	8:25:08 AM	1
1	10/21/2005	8:25:08 AM	
1	10/21/2005	8:31:41 AM	1
1	10/21/2005	8:31:42 AM	
1	10/21/2005	8:41:26 AM	1
1	10/21/2005	8:41:26 AM	
1	10/21/2005	8:49:26 AM	1
1	10/21/2005	8:49:27 AM	
1	10/21/2005	8:53:19 AM	1
1	10/21/2005	8:53:40 AM	1
1	10/21/2005	8:53:40 AM	
1	10/21/2005	8:53:40 AM	
1	10/21/2005	8:53:43 AM	1
1	10/21/2005	8:57:43 AM	
1	10/21/2005	8:57:44 AM	
1	10/21/2005	8:58:21 AM	1
1	10/21/2005	8:58:22 AM	
1	10/21/2005	8:58:30 AM	1
1	10/21/2005	8:58:31 AM	
1	10/21/2005	9:19:41 AM	1
1	10/21/2005	9:19:41 AM	
1	10/21/2005	10:40:43 AM	1
1	10/21/2005	10:40:45 AM	
1	10/21/2005	11:13:53 AM	1
1	10/21/2005	11:13:53 AM	
1	10/21/2005	11:13:54 AM	
1	10/21/2005	11:16:28 AM	1
1	10/21/2005	11:16:29 AM	
1	10/21/2005	12:02:28 PM	1
1	10/21/2005	12:02:29 PM	
1	10/21/2005	12:31:05 PM	1
1	10/21/2005	12:31:06 PM	
1	10/21/2005	12:45:52 PM	1
1	10/21/2005	12:45:52 PM	
1	10/21/2005	1:02:14 PM	1
1	10/21/2005	1:02:14 PM	

SITE 26 OCT 20-22 JAMAR 2

1	10/21/2005	1:02:14 PM	1
1	10/21/2005	1:02:14 PM	
1	10/21/2005	1:27:39 PM	1
1	10/21/2005	1:27:39 PM	
1	10/21/2005	1:27:40 PM	
1	10/21/2005	2:02:23 PM	1
1	10/21/2005	2:02:24 PM	
1	10/21/2005	2:02:41 PM	1
1	10/21/2005	2:02:42 PM	
1	10/21/2005	2:38:40 PM	1
1	10/21/2005	2:38:40 PM	
1	10/21/2005	2:38:40 PM	
1	10/21/2005	2:38:54 PM	1
1	10/21/2005	2:38:54 PM	
1	10/21/2005	3:01:14 PM	1
1	10/21/2005	3:01:14 PM	
1	10/21/2005	3:01:14 PM	
1	10/21/2005	3:03:53 PM	1
1	10/21/2005	3:03:53 PM	
1	10/21/2005	3:21:26 PM	1
1	10/21/2005	3:21:27 PM	
1	10/21/2005	3:59:13 PM	1
1	10/21/2005	3:59:13 PM	
1	10/21/2005	4:34:55 PM	1
1	10/21/2005	4:34:56 PM	
1	10/21/2005	4:34:57 PM	1
1	10/21/2005	4:34:57 PM	
1	10/21/2005	5:03:26 PM	1
1	10/21/2005	5:03:27 PM	
1	10/21/2005	5:03:27 PM	
1	10/21/2005	5:04:19 PM	1
1	10/21/2005	5:04:20 PM	
1	10/21/2005	5:09:35 PM	1
1	10/21/2005	5:09:35 PM	
1	10/21/2005	5:12:54 PM	1
1	10/21/2005	5:12:55 PM	
1	10/21/2005	5:43:57 PM	1
1	10/21/2005	5:43:58 PM	
1	10/21/2005	5:45:44 PM	1
1	10/21/2005	5:45:45 PM	
1	10/21/2005	6:21:54 PM	1
1	10/21/2005	6:21:55 PM	
1	10/21/2005	6:49:26 PM	1
1	10/21/2005	6:49:26 PM	
1	10/21/2005	6:49:27 PM	
1	10/21/2005	9:15:55 PM	1
1	10/21/2005	9:15:56 PM	
1	10/21/2005	10:13:00 PM	1
1	10/21/2005	10:13:00 PM	
1	10/21/2005	10:13:00 PM	
			47
1	10/22/2005	5:45:01 AM	1
1	10/22/2005	5:45:02 AM	
1	10/22/2005	7:18:55 AM	1
1	10/22/2005	7:18:55 AM	
1	10/22/2005	7:53:02 AM	1
1	10/22/2005	7:53:02 AM	
1	10/22/2005	7:53:03 AM	
1	10/22/2005	7:54:48 AM	1
1	10/22/2005	7:54:48 AM	
1	10/22/2005	7:54:48 AM	
1	10/22/2005	8:32:04 AM	1
1	10/22/2005	8:32:06 AM	
1	10/22/2005	8:32:08 AM	1
1	10/22/2005	8:32:08 AM	
1	10/22/2005	8:33:38 AM	1
1	10/22/2005	8:33:40 AM	
1	10/22/2005	8:39:57 AM	1
1	10/22/2005	8:39:57 AM	
1	10/22/2005	9:00:05 AM	1
1	10/22/2005	9:00:06 AM	
1	10/22/2005	9:21:07 AM	1
1	10/22/2005	9:21:07 AM	
1	10/22/2005	9:21:08 AM	1
1	10/22/2005	9:21:08 AM	
1	10/22/2005	9:23:00 AM	1
1	10/22/2005	9:23:01 AM	
1	10/22/2005	9:46:17 AM	1
1	10/22/2005	9:46:17 AM	
1	10/22/2005	9:46:18 AM	1
1	10/22/2005	9:46:18 AM	
1	10/22/2005	9:46:19 AM	1
1	10/22/2005	9:46:19 AM	
1	10/22/2005	10:11:11 AM	1
1	10/22/2005	10:11:11 AM	
1	10/22/2005	10:11:11 AM	
1	10/22/2005	10:12:28 AM	1
1	10/22/2005	10:12:29 AM	
1	10/22/2005	10:12:59 AM	1
1	10/22/2005	10:13:00 AM	
1	10/22/2005	10:35:45 AM	1
1	10/22/2005	10:35:45 AM	
1	10/22/2005	10:36:04 AM	1
1	10/22/2005	10:36:05 AM	
1	10/22/2005	11:00:33 AM	1
1	10/22/2005	11:00:33 AM	
1	10/22/2005	11:00:48 AM	1
1	10/22/2005	11:00:50 AM	
1	10/22/2005	11:00:51 AM	1
1	10/22/2005	11:00:53 AM	
1	10/22/2005	12:48:25 PM	1
1	10/22/2005	12:48:25 PM	

SITE 26 OCT 20-22 JAMAR 2

1	10/22/2005	12:48:26 PM	1
1	10/22/2005	12:48:26 PM	
1	10/22/2005	12:48:37 PM	1
1	10/22/2005	12:48:38 PM	
1	10/22/2005	12:49:35 PM	1
1	10/22/2005	12:49:35 PM	
1	10/22/2005	12:53:18 PM	1
1	10/22/2005	12:53:19 PM	
1	10/22/2005	2:13:20 PM	1
1	10/22/2005	2:13:21 PM	
1	10/22/2005	2:13:21 PM	
1	10/22/2005	2:15:46 PM	1
1	10/22/2005	2:15:46 PM	
1	10/22/2005	2:15:46 PM	
1	10/22/2005	2:59:08 PM	1
1	10/22/2005	2:59:08 PM	
1	10/22/2005	3:46:30 PM	1
1	10/22/2005	3:46:30 PM	
1	10/22/2005	3:46:31 PM	1
1	10/22/2005	3:46:31 PM	
1	10/22/2005	3:50:20 PM	1
1	10/22/2005	3:50:42 PM	1
1	10/22/2005	3:52:43 PM	
1	10/22/2005	4:02:21 PM	1
1	10/22/2005	4:02:21 PM	
1	10/22/2005	4:02:22 PM	1
1	10/22/2005	4:02:22 PM	
1	10/22/2005	4:48:32 PM	1
1	10/22/2005	4:48:32 PM	
1	10/22/2005	4:53:04 PM	1
1	10/22/2005	4:53:05 PM	
1	10/22/2005	4:53:05 PM	1
1	10/22/2005	5:38:06 PM	
1	10/22/2005	5:38:07 PM	1
1	10/22/2005	5:38:09 PM	
1	10/22/2005	5:38:09 PM	1
1	10/22/2005	5:38:09 PM	
1	10/22/2005	5:38:09 PM	
1	10/22/2005	5:42:25 PM	1
1	10/22/2005	5:42:25 PM	
1	10/22/2005	5:48:35 PM	1
1	10/22/2005	5:48:36 PM	
1	10/22/2005	6:06:42 PM	1
1	10/22/2005	6:06:42 PM	
1	10/22/2005	6:11:32 PM	1
1	10/22/2005	6:11:32 PM	
1	10/22/2005	6:21:55 PM	1
1	10/22/2005	6:21:55 PM	
1	10/22/2005	6:21:56 PM	1
1	10/22/2005	6:21:56 PM	
1	10/22/2005	6:22:49 PM	1
1	10/22/2005	6:22:49 PM	
1	10/22/2005	6:22:50 PM	1
1	10/22/2005	6:22:50 PM	
1	10/22/2005	6:25:06 PM	1
1	10/22/2005	6:25:06 PM	
1	10/22/2005	6:25:06 PM	
1	10/22/2005	6:31:11 PM	1
1	10/22/2005	6:31:12 PM	
1	10/22/2005	7:40:47 PM	1
1	10/22/2005	7:40:47 PM	
1	10/22/2005	7:40:48 PM	1
1	10/22/2005	7:40:48 PM	
1	10/22/2005	7:42:07 PM	1
1	10/22/2005	7:42:07 PM	
1	10/22/2005	7:42:07 PM	
1	10/22/2005	8:28:54 PM	1
1	10/22/2005	8:28:55 PM	
1	10/22/2005	9:08:48 PM	1
1	10/22/2005	10:36:14 PM	1
1	10/22/2005	10:36:14 PM	
1	10/22/2005	10:36:14 PM	1
1	10/22/2005	10:43:03 PM	1
1	10/22/2005	10:43:04 PM	
1	10/22/2005	10:45:36 PM	1
1	10/22/2005	10:45:36 PM	
1	10/22/2005	11:30:23 PM	1
1	10/22/2005	11:30:23 PM	
1	10/22/2005	11:30:23 PM	
1	10/22/2005	11:57:42 PM	1
1	10/22/2005	11:57:43 PM	
			63
1	10/23/2005	12:07:48 AM	1 After Count - Sunday
1	10/23/2005	12:24:45 AM	1
1	10/23/2005	12:24:45 AM	
1	10/23/2005	12:25:12 AM	1
1	10/23/2005	12:25:12 AM	
1	10/23/2005	12:37:24 AM	1
1	10/23/2005	12:37:24 AM	
1	10/23/2005	1:58:59 AM	1
1	10/23/2005	1:59:01 AM	
1	10/23/2005	6:07:35 AM	1
1	10/23/2005	6:07:35 AM	
1	10/23/2005	7:53:05 AM	1
1	10/23/2005	7:53:05 AM	
1	10/23/2005	8:51:06 AM	1
1	10/23/2005	8:51:07 AM	
1	10/23/2005	9:03:33 AM	1
1	10/23/2005	9:03:33 AM	
1	10/23/2005	9:03:33 AM	

SITE 26 OCT 20-22 JAMAR 2

1	10/23/2005	9:06:23 AM	1
1	10/23/2005	9:06:23 AM	
1	10/23/2005	9:26:40 AM	1
1	10/23/2005	9:26:41 AM	
1	10/23/2005	9:49:05 AM	1
1	10/23/2005	9:49:05 AM	
1	10/23/2005	10:16:13 AM	1
1	10/23/2005	10:16:14 AM	
1	10/23/2005	10:16:14 AM	
1	10/23/2005	10:42:03 AM	1
1	10/23/2005	10:42:04 AM	
1	10/23/2005	10:43:26 AM	1
1	10/23/2005	10:43:27 AM	
1	10/23/2005	11:37:20 AM	1
1	10/23/2005	11:37:20 AM	
1	10/23/2005	11:37:21 AM	1
1	10/23/2005	11:37:21 AM	
1	10/23/2005	12:25:09 PM	1
1	10/23/2005	12:25:09 PM	
1	10/23/2005	12:25:10 PM	
1	10/23/2005	12:29:19 PM	1
1	10/23/2005	12:29:19 PM	
1	10/23/2005	12:29:19 PM	
1	10/23/2005	12:29:23 PM	1
1	10/23/2005	12:29:23 PM	
1	10/23/2005	12:29:24 PM	1
1	10/23/2005	12:29:24 PM	
1	10/23/2005	12:48:40 PM	1
1	10/23/2005	12:48:40 PM	
1	10/23/2005	12:48:40 PM	
1	10/23/2005	12:56:10 PM	1
1	10/23/2005	12:56:11 PM	
1	10/23/2005	1:01:56 PM	1
1	10/23/2005	1:01:57 PM	
1	10/23/2005	1:01:57 PM	
1	10/23/2005	1:02:00 PM	1
1	10/23/2005	1:02:01 PM	
1	10/23/2005	1:16:15 PM	1
1	10/23/2005	1:16:16 PM	
1	10/23/2005	1:19:19 PM	1
1	10/23/2005	1:19:19 PM	
1	10/23/2005	1:19:20 PM	1
1	10/23/2005	1:19:20 PM	
1	10/23/2005	1:31:37 PM	1
1	10/23/2005	1:31:38 PM	
1	10/23/2005	1:31:38 PM	1
1	10/23/2005	1:31:41 PM	
1	10/23/2005	1:31:41 PM	1
1	10/23/2005	1:31:41 PM	
1	10/23/2005	1:31:41 PM	
1	10/23/2005	1:39:56 PM	1
1	10/23/2005	1:39:57 PM	
1	10/23/2005	1:44:28 PM	1
1	10/23/2005	1:44:29 PM	
1	10/23/2005	1:57:55 PM	1
1	10/23/2005	1:57:56 PM	
1	10/23/2005	2:02:02 PM	1
1	10/23/2005	2:02:02 PM	
1	10/23/2005	2:02:02 PM	
1	10/23/2005	2:57:34 PM	1
1	10/23/2005	2:57:34 PM	
1	10/23/2005	2:57:34 PM	
1	10/23/2005	3:04:28 PM	1
1	10/23/2005	3:04:42 PM	
1	10/23/2005	3:04:50 PM	1
1	10/23/2005	3:04:51 PM	
1	10/23/2005	3:04:51 PM	
1	10/23/2005	3:17:38 PM	1
1	10/23/2005	3:17:38 PM	
1	10/23/2005	3:17:39 PM	1
1	10/23/2005	3:17:39 PM	
1	10/23/2005	3:18:40 PM	1
1	10/23/2005	3:18:40 PM	
1	10/23/2005	3:18:40 PM	1
1	10/23/2005	3:18:40 PM	
1	10/23/2005	3:30:19 PM	1
1	10/23/2005	3:30:20 PM	
1	10/23/2005	3:30:20 PM	
1	10/23/2005	3:36:47 PM	1
1	10/23/2005	3:36:48 PM	
1	10/23/2005	3:36:48 PM	
1	10/23/2005	3:39:52 PM	1
1	10/23/2005	3:39:53 PM	
1	10/23/2005	3:39:53 PM	
1	10/23/2005	4:04:49 PM	1
1	10/23/2005	4:04:50 PM	
1	10/23/2005	4:10:30 PM	1
1	10/23/2005	4:10:30 PM	
1	10/23/2005	4:10:31 PM	1
1	10/23/2005	4:10:31 PM	
1	10/23/2005	4:51:46 PM	1
1	10/23/2005	4:51:47 PM	
1	10/23/2005	5:02:55 PM	1
1	10/23/2005	5:02:55 PM	
1	10/23/2005	5:02:56 PM	
1	10/23/2005	5:06:13 PM	1
1	10/23/2005	5:06:13 PM	
1	10/23/2005	5:08:27 PM	1
1	10/23/2005	5:08:27 PM	
1	10/23/2005	5:08:28 PM	1
1	10/23/2005	5:08:28 PM	

SITE 26 OCT 20-22 JAMAR 2

1	10/23/2005	5:27:46 PM	1
1	10/23/2005	5:27:46 PM	
1	10/23/2005	5:27:47 PM	1
1	10/23/2005	5:27:47 PM	
1	10/23/2005	5:52:29 PM	1
1	10/23/2005	5:52:31 PM	
1	10/23/2005	5:54:33 PM	1
1	10/23/2005	5:54:34 PM	
1	10/23/2005	6:13:33 PM	1
1	10/23/2005	6:13:34 PM	
1	10/23/2005	6:51:06 PM	1
1	10/23/2005	6:51:07 PM	
1	10/23/2005	7:11:39 PM	1
1	10/23/2005	7:11:39 PM	
1	10/23/2005	7:11:39 PM	1
1	10/23/2005	7:11:40 PM	
1	10/23/2005	7:13:16 PM	1
1	10/23/2005	7:13:17 PM	
1	10/23/2005	8:36:07 PM	1
1	10/23/2005	8:36:08 PM	

64

SITE 27 OCT 20-22 JAMAR 1

Sensor	Date	Time	Count
1	10/20/2005	9:23:22 AM	1
1	10/20/2005	9:23:22 AM	
1	10/20/2005	9:23:23 AM	2
1	10/20/2005	9:23:23 AM	
1	10/20/2005	9:23:27 AM	3
1	10/20/2005	9:24:01 AM	4
1	10/20/2005	9:24:03 AM	
1	10/20/2005	2:09:55 PM	5
1	10/20/2005	2:09:57 PM	
1	10/20/2005	3:25:46 PM	6
1	10/20/2005	3:25:47 PM	
1	10/20/2005	4:14:57 PM	7
1	10/20/2005	4:14:57 PM	
1	10/20/2005	4:14:57 PM	
1	10/20/2005	4:39:31 PM	8
1	10/20/2005	4:39:32 PM	
1	10/21/2005	8:47:47 AM	1
1	10/21/2005	8:48:10 AM	2
1	10/21/2005	8:48:16 AM	3
1	10/21/2005	8:48:17 AM	
1	10/21/2005	8:48:18 AM	
1	10/21/2005	9:08:37 AM	4
1	10/21/2005	9:08:37 AM	
1	10/21/2005	9:08:37 AM	5
1	10/21/2005	9:08:37 AM	
1	10/21/2005	9:08:56 AM	6
1	10/21/2005	9:08:57 AM	
1	10/21/2005	9:46:22 AM	7
1	10/21/2005	9:46:22 AM	
1	10/21/2005	9:46:23 AM	8
1	10/21/2005	9:46:23 AM	
1	10/21/2005	4:58:01 PM	9
1	10/21/2005	4:58:11 PM	
1	10/22/2005	10:54:50 AM	1
1	10/22/2005	10:55:14 AM	2
1	10/22/2005	10:55:17 AM	
1	10/22/2005	10:55:23 AM	3
1	10/22/2005	10:56:44 AM	4
1	10/22/2005	3:44:48 PM	5
1	10/22/2005	3:45:08 PM	
1	10/22/2005	3:45:13 PM	6
1	10/22/2005	3:45:13 PM	
1	10/22/2005	3:45:14 PM	7
1	10/22/2005	3:45:15 PM	
1	10/22/2005	3:45:15 PM	8
1	10/22/2005	3:45:16 PM	
1	10/22/2005	3:45:16 PM	
1	10/22/2005	3:45:20 PM	9
1	10/22/2005	3:45:34 PM	10
1	10/22/2005	3:45:35 PM	
1	10/22/2005	4:35:57 PM	11
1	10/22/2005	4:35:57 PM	
1	10/22/2005	4:36:53 PM	12
1	10/22/2005	4:36:54 PM	
1	10/23/2005	2:59:39 PM	1
1	10/23/2005	3:00:16 PM	2
1	10/23/2005	3:00:43 PM	3
1	10/23/2005	3:00:43 PM	
1	10/23/2005	4:23:07 PM	4
1	10/23/2005	4:23:07 PM	
1	10/23/2005	8:12:03 PM	5
1	10/23/2005	8:12:04 PM	
1	10/23/2005	8:12:04 PM	

SITE 31 OCT 20-22 JAMAR 6

Sensor	Date	Time	Count
1	10/20/2005	5:23:23 AM	1
1	10/20/2005	5:23:23 AM	1
1	10/20/2005	5:52:53 AM	1
1	10/20/2005	5:52:54 AM	1
1	10/20/2005	6:08:50 AM	1
1	10/20/2005	6:08:51 AM	1
1	10/20/2005	6:09:24 AM	1
1	10/20/2005	6:09:25 AM	1
1	10/20/2005	6:33:07 AM	1
1	10/20/2005	6:33:08 AM	1
1	10/20/2005	6:33:48 AM	1
1	10/20/2005	6:33:49 AM	1
1	10/20/2005	6:47:45 AM	1
1	10/20/2005	6:47:45 AM	1
1	10/20/2005	6:47:45 AM	1
1	10/20/2005	6:51:42 AM	1
1	10/20/2005	6:51:42 AM	1
1	10/20/2005	6:54:16 AM	1
1	10/20/2005	6:54:16 AM	1
1	10/20/2005	6:59:31 AM	1
1	10/20/2005	6:59:31 AM	1
1	10/20/2005	7:06:09 AM	1
1	10/20/2005	7:06:10 AM	1
1	10/20/2005	7:22:21 AM	1
1	10/20/2005	7:22:21 AM	1
1	10/20/2005	7:25:31 AM	1
1	10/20/2005	7:25:31 AM	1
1	10/20/2005	7:26:27 AM	1
1	10/20/2005	7:26:27 AM	1
1	10/20/2005	7:50:40 AM	1
1	10/20/2005	7:50:41 AM	1
1	10/20/2005	7:50:41 AM	1
1	10/20/2005	7:50:41 AM	1
1	10/20/2005	8:00:05 AM	1
1	10/20/2005	8:00:05 AM	1
1	10/20/2005	8:31:31 AM	1
1	10/20/2005	8:31:32 AM	1
1	10/20/2005	8:31:32 AM	1
1	10/20/2005	8:36:12 AM	1
1	10/20/2005	8:36:13 AM	1
1	10/20/2005	9:00:40 AM	1
1	10/20/2005	9:10:22 AM	1
1	10/20/2005	9:10:22 AM	1
1	10/20/2005	9:14:00 AM	1
1	10/20/2005	9:14:01 AM	1
1	10/20/2005	9:23:16 AM	1
1	10/20/2005	9:23:17 AM	1
1	10/20/2005	9:46:52 AM	1
1	10/20/2005	9:46:52 AM	1
1	10/20/2005	9:49:45 AM	1
1	10/20/2005	9:49:46 AM	1
1	10/20/2005	10:03:44 AM	1
1	10/20/2005	10:03:44 AM	1
1	10/20/2005	10:03:57 AM	1
1	10/20/2005	10:04:04 AM	1
1	10/20/2005	10:04:54 AM	1
1	10/20/2005	10:04:55 AM	1
1	10/20/2005	10:21:58 AM	1
1	10/20/2005	10:21:58 AM	1
1	10/20/2005	10:25:07 AM	1
1	10/20/2005	10:25:08 AM	1
1	10/20/2005	10:54:42 AM	1
1	10/20/2005	10:54:42 AM	1
1	10/20/2005	10:55:36 AM	1
1	10/20/2005	10:55:37 AM	1
1	10/20/2005	10:57:17 AM	1
1	10/20/2005	11:03:44 AM	1
1	10/20/2005	11:03:44 AM	1
1	10/20/2005	11:06:27 AM	1
1	10/20/2005	11:09:32 AM	1
1	10/20/2005	11:09:33 AM	1
1	10/20/2005	11:55:00 AM	1
1	10/20/2005	11:55:01 AM	1
1	10/20/2005	11:55:31 AM	1
1	10/20/2005	11:55:32 AM	1
1	10/20/2005	11:59:36 AM	1
1	10/20/2005	11:59:36 AM	1
1	10/20/2005	12:18:36 PM	1
1	10/20/2005	12:18:37 PM	1
1	10/20/2005	12:18:37 PM	1
1	10/20/2005	12:38:08 PM	1
1	10/20/2005	12:38:08 PM	1
1	10/20/2005	12:46:17 PM	1
1	10/20/2005	12:46:17 PM	1
1	10/20/2005	1:08:07 PM	1
1	10/20/2005	1:08:08 PM	1
1	10/20/2005	1:08:08 PM	1
1	10/20/2005	1:12:07 PM	1
1	10/20/2005	1:12:08 PM	1
1	10/20/2005	1:40:29 PM	1
1	10/20/2005	1:40:29 PM	1
1	10/20/2005	1:44:04 PM	1
1	10/20/2005	1:44:05 PM	1
1	10/20/2005	2:13:42 PM	1
1	10/20/2005	2:13:42 PM	1
1	10/20/2005	2:16:35 PM	1
1	10/20/2005	2:16:35 PM	1
1	10/20/2005	2:20:05 PM	1
1	10/20/2005	2:20:05 PM	1
1	10/20/2005	2:20:05 PM	1
1	10/20/2005	2:31:11 PM	1

SITE 31 OCT 20-22 JAMAR 6

1	10/20/2005	2:31:12 PM	
1	10/20/2005	2:32:46 PM	1
1	10/20/2005	2:32:45 PM	
1	10/20/2005	2:32:45 PM	
1	10/20/2005	2:38:24 PM	1
1	10/20/2005	2:38:24 PM	
1	10/20/2005	2:42:10 PM	1
1	10/20/2005	2:42:10 PM	
1	10/20/2005	3:09:05 PM	1
1	10/20/2005	3:09:05 PM	
1	10/20/2005	3:11:16 PM	1
1	10/20/2005	3:11:16 PM	
1	10/20/2005	3:13:13 PM	1
1	10/20/2005	3:13:13 PM	
1	10/20/2005	3:14:05 PM	1
1	10/20/2005	3:14:22 PM	1
1	10/20/2005	3:14:23 PM	
1	10/20/2005	3:14:45 PM	1
1	10/20/2005	3:27:12 PM	1
1	10/20/2005	3:27:13 PM	
1	10/20/2005	3:37:40 PM	1
1	10/20/2005	3:37:40 PM	
1	10/20/2005	3:37:40 PM	
1	10/20/2005	3:41:24 PM	1
1	10/20/2005	3:41:24 PM	
1	10/20/2005	3:44:28 PM	1
1	10/20/2005	3:44:29 PM	
1	10/20/2005	3:47:15 PM	1
1	10/20/2005	3:47:16 PM	
1	10/20/2005	3:49:28 PM	1
1	10/20/2005	3:49:28 PM	
1	10/20/2005	4:17:37 PM	1
1	10/20/2005	4:17:38 PM	
1	10/20/2005	4:17:38 PM	
1	10/20/2005	4:21:47 PM	1
1	10/20/2005	4:21:48 PM	
1	10/20/2005	4:26:59 PM	1
1	10/20/2005	4:26:59 PM	
1	10/20/2005	4:27:00 PM	
1	10/20/2005	4:51:56 PM	1
1	10/20/2005	4:51:57 PM	
1	10/20/2005	4:57:43 PM	1
1	10/20/2005	4:57:43 PM	
1	10/20/2005	4:57:43 PM	
1	10/20/2005	5:31:12 PM	1
1	10/20/2005	5:31:12 PM	
1	10/20/2005	6:56:36 PM	1
1	10/20/2005	6:56:36 PM	
			70
1	10/21/2005	6:18:57 AM	1
1	10/21/2005	6:18:57 AM	
1	10/21/2005	6:31:32 AM	1
1	10/21/2005	6:31:32 AM	
1	10/21/2005	6:31:32 AM	
1	10/21/2005	6:32:29 AM	1
1	10/21/2005	6:32:29 AM	
1	10/21/2005	6:33:06 AM	1
1	10/21/2005	6:33:07 AM	
1	10/21/2005	6:33:13 AM	1
1	10/21/2005	6:33:14 AM	
1	10/21/2005	6:38:42 AM	1
1	10/21/2005	6:38:43 AM	
1	10/21/2005	6:38:43 AM	
1	10/21/2005	6:38:47 AM	1
1	10/21/2005	6:38:47 AM	
1	10/21/2005	6:48:13 AM	1
1	10/21/2005	6:48:14 AM	
1	10/21/2005	6:48:20 AM	1
1	10/21/2005	6:48:20 AM	
1	10/21/2005	6:48:20 AM	
1	10/21/2005	6:48:30 AM	1
1	10/21/2005	6:48:31 AM	
1	10/21/2005	7:18:25 AM	1
1	10/21/2005	7:18:25 AM	
1	10/21/2005	7:52:31 AM	1
1	10/21/2005	7:52:31 AM	
1	10/21/2005	7:52:31 AM	
1	10/21/2005	8:01:10 AM	1
1	10/21/2005	8:01:11 AM	
1	10/21/2005	8:02:41 AM	1
1	10/21/2005	8:02:41 AM	
1	10/21/2005	8:42:11 AM	1
1	10/21/2005	8:42:12 AM	
1	10/21/2005	8:43:44 AM	1
1	10/21/2005	8:43:44 AM	
1	10/21/2005	8:44:32 AM	1
1	10/21/2005	8:44:33 AM	
1	10/21/2005	9:01:11 AM	1
1	10/21/2005	9:01:11 AM	
1	10/21/2005	9:05:14 AM	1
1	10/21/2005	9:05:14 AM	
1	10/21/2005	9:28:21 AM	1
1	10/21/2005	9:28:21 AM	
1	10/21/2005	9:28:36 AM	1
1	10/21/2005	9:28:39 AM	
1	10/21/2005	9:28:50 AM	
1	10/21/2005	9:29:12 AM	1
1	10/21/2005	9:35:56 AM	1
1	10/21/2005	9:35:56 AM	
1	10/21/2005	9:37:27 AM	1
1	10/21/2005	9:37:28 AM	
1	10/21/2005	9:44:02 AM	1
1	10/21/2005	9:44:03 AM	

SITE 31 OCT 20-22 JAMAR 6

1	10/21/2005	10:07:16 AM	1
1	10/21/2005	10:07:17 AM	
1	10/21/2005	10:12:29 AM	1
1	10/21/2005	10:12:30 AM	
1	10/21/2005	10:21:23 AM	1
1	10/21/2005	10:21:24 AM	
1	10/21/2005	10:45:23 AM	1
1	10/21/2005	10:45:23 AM	
1	10/21/2005	11:53:11 AM	1
1	10/21/2005	11:53:12 AM	
1	10/21/2005	11:57:26 AM	1
1	10/21/2005	11:57:26 AM	
1	10/21/2005	11:59:00 AM	1
1	10/21/2005	11:59:01 AM	
1	10/21/2005	12:06:03 PM	1
1	10/21/2005	12:06:03 PM	
1	10/21/2005	12:06:23 PM	1
1	10/21/2005	12:06:23 PM	
1	10/21/2005	12:06:24 PM	
1	10/21/2005	12:06:30 PM	1
1	10/21/2005	12:06:31 PM	
1	10/21/2005	12:06:42 PM	1
1	10/21/2005	12:06:43 PM	
1	10/21/2005	12:06:46 PM	1
1	10/21/2005	12:06:47 PM	
1	10/21/2005	12:15:45 PM	1
1	10/21/2005	12:15:46 PM	
1	10/21/2005	12:18:37 PM	1
1	10/21/2005	12:18:37 PM	
1	10/21/2005	12:48:26 PM	1
1	10/21/2005	12:57:48 PM	1
1	10/21/2005	12:57:48 PM	
1	10/21/2005	1:01:29 PM	1
1	10/21/2005	1:01:29 PM	
1	10/21/2005	1:13:07 PM	1
1	10/21/2005	1:13:08 PM	
1	10/21/2005	1:14:22 PM	1
1	10/21/2005	1:14:22 PM	
1	10/21/2005	1:25:05 PM	1
1	10/21/2005	1:25:06 PM	
1	10/21/2005	1:57:40 PM	1
1	10/21/2005	1:57:41 PM	
1	10/21/2005	1:59:26 PM	1
1	10/21/2005	1:59:27 PM	
1	10/21/2005	2:22:21 PM	1
1	10/21/2005	2:22:23 PM	
1	10/21/2005	2:44:32 PM	1
1	10/21/2005	2:45:50 PM	1
1	10/21/2005	2:45:51 PM	
1	10/21/2005	2:46:21 PM	1
1	10/21/2005	2:46:21 PM	
1	10/21/2005	2:46:50 PM	1
1	10/21/2005	2:46:51 PM	
1	10/21/2005	2:59:20 PM	1
1	10/21/2005	2:59:21 PM	
1	10/21/2005	2:59:21 PM	
1	10/21/2005	2:59:23 PM	1
1	10/21/2005	2:59:24 PM	
1	10/21/2005	4:10:18 PM	1
1	10/21/2005	4:10:18 PM	
1	10/21/2005	5:37:23 PM	1
1	10/21/2005	5:37:23 PM	
1	10/21/2005	5:37:41 PM	1
1	10/21/2005	5:37:47 PM	
1	10/21/2005	5:38:25 PM	1
1	10/21/2005	5:38:25 PM	
1	10/21/2005	5:38:25 PM	
1	10/21/2005	6:09:09 PM	1
1	10/21/2005	6:09:09 PM	
1	10/21/2005	8:28:10 PM	1
1	10/21/2005	8:28:10 PM	
1	10/21/2005	9:31:38 PM	1
1	10/21/2005	9:31:38 PM	
1	10/21/2005	9:31:38 PM	1
1	10/21/2005	9:31:38 PM	
1	10/21/2005	9:31:38 PM	
1	10/21/2005	10:41:18 PM	1
1	10/21/2005	10:41:19 PM	
			63
1	10/22/2005	6:02:32 AM	1
1	10/22/2005	6:02:33 AM	
1	10/22/2005	7:31:43 AM	1
1	10/22/2005	7:31:44 AM	
1	10/22/2005	9:10:02 AM	1
1	10/22/2005	9:10:02 AM	
1	10/22/2005	9:10:02 AM	
1	10/22/2005	9:47:04 AM	1
1	10/22/2005	9:47:04 AM	
1	10/22/2005	9:48:02 AM	1
1	10/22/2005	9:48:02 AM	
1	10/22/2005	10:42:47 AM	1
1	10/22/2005	10:42:48 AM	
1	10/22/2005	11:12:27 AM	1
1	10/22/2005	11:12:28 AM	
1	10/22/2005	11:40:57 AM	1
1	10/22/2005	11:40:57 AM	
1	10/22/2005	11:41:13 AM	1
1	10/22/2005	11:41:15 AM	
1	10/22/2005	11:41:20 AM	1
1	10/22/2005	11:41:20 AM	
1	10/22/2005	11:42:21 AM	
1	10/22/2005	11:58:01 AM	1

SITE 31 OCT 20-22 JAMAR 6

1	10/22/2005	11:58:02 AM	
1	10/22/2005	12:22:20 PM	1
1	10/22/2005	12:22:21 PM	
1	10/22/2005	12:45:21 PM	1
1	10/22/2005	12:45:22 PM	
1	10/22/2005	12:45:24 PM	1
1	10/22/2005	12:45:25 PM	
1	10/22/2005	1:25:21 PM	1
1	10/22/2005	1:25:21 PM	
1	10/22/2005	4:19:17 PM	1
1	10/22/2005	4:19:33 PM	
1	10/22/2005	4:19:49 PM	
1	10/22/2005	4:20:40 PM	1
1	10/22/2005	4:32:49 PM	
1	10/22/2005	4:32:49 PM	
1	10/22/2005	4:49:45 PM	1
1	10/22/2005	5:06:10 PM	1
1	10/22/2005	5:06:10 PM	
1	10/22/2005	7:09:48 PM	1
1	10/22/2005	7:09:48 PM	
1	10/22/2005	8:20:24 PM	1
1	10/22/2005	8:20:25 PM	
			21
1	10/23/2005	12:31:18 PM	1
1	10/23/2005	12:31:18 PM	
1	10/23/2005	12:33:32 PM	1
1	10/23/2005	12:33:32 PM	
1	10/23/2005	12:33:32 PM	1
1	10/23/2005	12:33:32 PM	
1	10/23/2005	1:12:17 PM	1
1	10/23/2005	1:13:16 PM	1
1	10/23/2005	1:13:16 PM	
1	10/23/2005	1:13:16 PM	
1	10/23/2005	1:21:15 PM	1
1	10/23/2005	1:26:38 PM	1
1	10/23/2005	1:26:38 PM	
1	10/23/2005	1:26:38 PM	1
1	10/23/2005	1:26:38 PM	
1	10/23/2005	3:14:39 PM	1
1	10/23/2005	3:14:39 PM	
1	10/23/2005	3:15:05 PM	1
1	10/23/2005	3:15:05 PM	
1	10/23/2005	3:15:06 PM	1
1	10/23/2005	3:15:06 PM	
1	10/23/2005	3:28:27 PM	1
1	10/23/2005	3:28:27 PM	
1	10/23/2005	3:28:27 PM	1
1	10/23/2005	3:28:27 PM	
1	10/23/2005	3:39:39 PM	1
1	10/23/2005	3:39:39 PM	
1	10/23/2005	3:40:43 PM	1
1	10/23/2005	3:40:43 PM	
1	10/23/2005	3:41:21 PM	
1	10/23/2005	4:18:55 PM	1
1	10/23/2005	4:18:56 PM	
1	10/23/2005	5:08:46 PM	1
1	10/23/2005	5:08:47 PM	
1	10/23/2005	5:20:08 PM	1
1	10/23/2005	5:20:08 PM	
1	10/23/2005	5:23:19 PM	1
1	10/23/2005	5:23:19 PM	
1	10/23/2005	6:11:00 PM	1
1	10/23/2005	6:11:00 PM	
1	10/23/2005	7:04:12 PM	1
1	10/23/2005	7:04:13 PM	
1	10/23/2005	8:49:01 PM	1
1	10/23/2005	8:49:01 PM	
1	10/23/2005	8:49:02 PM	1
1	10/23/2005	8:49:02 PM	
			23

SITE 32 OCT 20-22 JAMAR 4

Sensor	Date	Time	Count
1	10/20/2005	8:01:29 AM	1
1	10/20/2005	8:01:30 AM	
1	10/20/2005	8:01:30 AM	
1	10/20/2005	9:37:58 AM	2
1	10/20/2005	10:14:46 AM	3
1	10/20/2005	10:14:46 AM	
1	10/20/2005	10:14:46 AM	4
1	10/20/2005	10:14:46 AM	
1	10/20/2005	2:43:56 PM	5
1	10/20/2005	2:43:58 PM	
1	10/20/2005	2:44:14 PM	6
1	10/20/2005	2:44:23 PM	7
1	10/20/2005	2:44:25 PM	
1	10/20/2005	3:09:43 PM	8
1	10/20/2005	3:09:43 PM	
1	10/20/2005	4:53:05 PM	9
1	10/20/2005	8:25:00 PM	10
1	10/20/2005	8:25:04 PM	11
1	10/20/2005	8:25:04 PM	
1	10/20/2005	8:25:04 PM	12
1	10/20/2005	8:25:04 PM	
1	10/20/2005	8:25:04 PM	
1	10/21/2005	8:03:15 AM	1
1	10/21/2005	8:03:15 AM	
1	10/21/2005	8:03:15 AM	2
1	10/21/2005	8:03:15 AM	
1	10/21/2005	8:44:01 AM	3
1	10/21/2005	8:51:54 AM	4
1	10/21/2005	8:51:54 AM	
1	10/21/2005	9:09:43 AM	5
1	10/21/2005	9:09:48 AM	
1	10/21/2005	9:10:04 AM	
1	10/21/2005	9:10:06 AM	
1	10/21/2005	9:10:09 AM	6
1	10/21/2005	9:10:10 AM	
1	10/21/2005	9:10:11 AM	
1	10/21/2005	9:10:14 AM	7
1	10/21/2005	9:10:14 AM	
1	10/21/2005	9:10:18 AM	
1	10/21/2005	12:25:07 PM	8
1	10/21/2005	12:25:07 PM	
1	10/21/2005	12:25:07 PM	9
1	10/21/2005	12:25:07 PM	
1	10/21/2005	2:23:58 PM	10
1	10/21/2005	2:23:58 PM	
1	10/21/2005	2:23:58 PM	11
1	10/21/2005	2:23:58 PM	
1	10/21/2005	3:14:08 PM	12
1	10/21/2005	3:14:08 PM	
1	10/21/2005	5:10:06 PM	13
1	10/21/2005	5:10:12 PM	
1	10/21/2005	5:10:15 PM	
1	10/21/2005	5:10:17 PM	
1	10/21/2005	5:10:18 PM	
1	10/21/2005	6:10:32 PM	14
1	10/21/2005	6:10:32 PM	
1	10/22/2005	11:20:17 AM	1
1	10/22/2005	11:20:21 AM	
1	10/22/2005	11:20:22 AM	
1	10/22/2005	11:20:24 AM	2
1	10/22/2005	11:20:24 AM	
1	10/22/2005	4:00:38 PM	3
1	10/22/2005	4:00:43 PM	
1	10/23/2005	11:25:51 AM	1
1	10/23/2005	11:25:51 AM	
1	10/23/2005	11:25:52 AM	
1	10/23/2005	3:13:59 PM	2
1	10/23/2005	3:14:00 PM	
1	10/23/2005	3:14:01 PM	
1	10/23/2005	3:14:02 PM	3
1	10/23/2005	3:14:05 PM	
1	10/23/2005	3:14:05 PM	
1	10/23/2005	3:14:05 PM	4
1	10/23/2005	3:14:07 PM	

SITE 32 OCT 20-22 TRAFX EQ01

*Serial Number :0609BF
*Counter name :EQ 1
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.6
*Stored records :01487

=TIME (yy-mm) 1:09:55
=START(yy-mm) 19:00
PERIOD (1/24/0=Timestamps) :000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

Calibration:02988

10/20/2005	8:01:41	1
10/20/2005	9:38:11	2
10/20/2005	9:39:26	3
10/20/2005	10:14:59	4
10/20/2005	14:43:25	5
10/20/2005	14:43:36	6
10/20/2005	14:44:08	7
10/20/2005	14:50:37	8
10/20/2005	14:53:52	9
10/20/2005	15:09:55	10
10/20/2005	15:26:04	11
10/20/2005	16:53:20	12
10/21/2005	8:03:27	1
10/21/2005	8:44:14	2
10/21/2005	8:52:09	3
10/21/2005	9:09:36	4
10/21/2005	9:11:10	5
10/21/2005	12:25:22	6
10/21/2005	14:24:13	7
10/21/2005	15:14:20	8
10/21/2005	17:10:00	9
10/21/2005	17:11:01	10
10/21/2005	18:10:44	11
10/22/2005	11:20:07	1
10/22/2005	11:21:17	2
10/22/2005	15:59:59	3
10/22/2005	16:01:36	4
10/23/2005	11:26:02	1 Post Day Count
10/23/2005	14:19:47	2
10/23/2005	15:13:47	3
10/23/2005	15:15:09	4
10/23/2005	15:42:02	5

END OF DATA
-close data file
-then check R

N_ame	S_elect	V_low
D_ownload	E_rase	L_aunch!

++ ENTER COMMAND +++>>

SITE 33 OCT 20-22 JAMAR 5

Sensor	Date	Time	Count
1	10/20/2005	12:17:13 AM	
1	10/20/2005	12:17:14 AM	
1	10/20/2005	12:24:41 AM	
1	10/20/2005	12:24:41 AM	
1	10/20/2005	12:24:42 AM	
1	10/20/2005	12:24:42 AM	
1	10/20/2005	12:49:25 AM	
1	10/20/2005	12:49:25 AM	
1	10/20/2005	12:49:25 AM	
1	10/20/2005	1:14:13 AM	
1	10/20/2005	1:20:23 AM	
1	10/20/2005	1:20:23 AM	
1	10/20/2005	3:47:42 AM	
1	10/20/2005	4:13:00 AM	
1	10/20/2005	4:13:01 AM	
1	10/20/2005	4:49:39 AM	
1	10/20/2005	4:49:39 AM	
1	10/20/2005	4:54:49 AM	
1	10/20/2005	4:54:49 AM	
1	10/20/2005	4:54:49 AM	
1	10/20/2005	4:54:49 AM	
1	10/20/2005	5:44:03 AM	
1	10/20/2005	5:44:04 AM	
1	10/20/2005	6:09:40 AM	
1	10/20/2005	6:09:40 AM	
1	10/20/2005	6:09:41 AM	
1	10/20/2005	6:09:41 AM	
1	10/20/2005	6:15:06 AM	
1	10/20/2005	6:15:07 AM	
1	10/20/2005	6:26:47 AM	
1	10/20/2005	6:26:47 AM	
1	10/20/2005	6:26:48 AM	
1	10/20/2005	6:26:48 AM	
1	10/20/2005	6:27:32 AM	
1	10/20/2005	6:27:32 AM	
1	10/20/2005	6:27:32 AM	
1	10/20/2005	6:29:13 AM	
1	10/20/2005	6:29:13 AM	
1	10/20/2005	6:34:47 AM	
1	10/20/2005	6:34:48 AM	
1	10/20/2005	6:40:31 AM	
1	10/20/2005	6:40:32 AM	
1	10/20/2005	6:40:46 AM	
1	10/20/2005	6:40:46 AM	
1	10/20/2005	6:42:46 AM	
1	10/20/2005	6:42:46 AM	
1	10/20/2005	6:44:38 AM	
1	10/20/2005	6:44:38 AM	
1	10/20/2005	6:46:16 AM	
1	10/20/2005	6:46:16 AM	
1	10/20/2005	6:46:17 AM	
1	10/20/2005	6:47:19 AM	
1	10/20/2005	6:47:19 AM	
1	10/20/2005	6:50:28 AM	
1	10/20/2005	6:50:28 AM	
1	10/20/2005	6:50:58 AM	
1	10/20/2005	6:50:58 AM	
1	10/20/2005	6:50:58 AM	
1	10/20/2005	6:57:06 AM	
1	10/20/2005	6:57:06 AM	
1	10/20/2005	7:01:25 AM	
1	10/20/2005	7:01:26 AM	
1	10/20/2005	7:01:26 AM	
1	10/20/2005	7:02:59 AM	
1	10/20/2005	7:02:59 AM	
1	10/20/2005	7:06:46 AM	
1	10/20/2005	7:06:47 AM	
1	10/20/2005	7:10:37 AM	
1	10/20/2005	7:10:37 AM	
1	10/20/2005	7:10:38 AM	
1	10/20/2005	7:17:24 AM	
1	10/20/2005	7:17:25 AM	
1	10/20/2005	7:20:41 AM	
1	10/20/2005	7:20:42 AM	
1	10/20/2005	7:22:58 AM	
1	10/20/2005	7:22:59 AM	
1	10/20/2005	7:23:43 AM	
1	10/20/2005	7:23:43 AM	
1	10/20/2005	7:23:43 AM	
1	10/20/2005	7:32:04 AM	
1	10/20/2005	7:32:04 AM	
1	10/20/2005	7:39:09 AM	
1	10/20/2005	7:39:48 AM	
1	10/20/2005	7:39:49 AM	
1	10/20/2005	7:40:56 AM	
1	10/20/2005	7:40:56 AM	
1	10/20/2005	7:44:31 AM	
1	10/20/2005	7:44:32 AM	
1	10/20/2005	7:44:52 AM	
1	10/20/2005	7:44:53 AM	
1	10/20/2005	7:52:49 AM	
1	10/20/2005	7:52:49 AM	
1	10/20/2005	7:53:21 AM	
1	10/20/2005	7:53:21 AM	
1	10/20/2005	7:54:22 AM	
1	10/20/2005	7:54:22 AM	
1	10/20/2005	7:54:32 AM	
1	10/20/2005	7:54:32 AM	
1	10/20/2005	7:54:49 AM	
1	10/20/2005	7:55:54 AM	
1	10/20/2005	7:55:55 AM	

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 7:59:12 AM
1 10/20/2005 7:59:12 AM
1 10/20/2005 8:00:59 AM
1 10/20/2005 8:00:59 AM
1 10/20/2005 8:00:59 AM
1 10/20/2005 8:05:18 AM
1 10/20/2005 8:05:19 AM
1 10/20/2005 8:08:37 AM
1 10/20/2005 8:08:37 AM
1 10/20/2005 8:09:13 AM
1 10/20/2005 8:09:13 AM
1 10/20/2005 8:09:14 AM
1 10/20/2005 8:09:46 AM
1 10/20/2005 8:09:46 AM
1 10/20/2005 8:13:17 AM
1 10/20/2005 8:13:17 AM
1 10/20/2005 8:13:23 AM
1 10/20/2005 8:13:23 AM
1 10/20/2005 8:20:36 AM
1 10/20/2005 8:20:38 AM
1 10/20/2005 8:20:39 AM
1 10/20/2005 8:20:42 AM
1 10/20/2005 8:20:42 AM
1 10/20/2005 8:21:21 AM
1 10/20/2005 8:21:21 AM
1 10/20/2005 8:21:22 AM
1 10/20/2005 8:21:23 AM
1 10/20/2005 8:22:58 AM
1 10/20/2005 8:22:58 AM
1 10/20/2005 8:22:59 AM
1 10/20/2005 8:24:04 AM
1 10/20/2005 8:24:04 AM
1 10/20/2005 8:24:30 AM
1 10/20/2005 8:24:31 AM
1 10/20/2005 8:24:46 AM
1 10/20/2005 8:24:47 AM
1 10/20/2005 8:25:15 AM
1 10/20/2005 8:25:15 AM
1 10/20/2005 8:29:39 AM
1 10/20/2005 8:29:39 AM
1 10/20/2005 8:32:00 AM
1 10/20/2005 8:32:00 AM
1 10/20/2005 8:32:00 AM
1 10/20/2005 8:37:06 AM
1 10/20/2005 8:38:28 AM
1 10/20/2005 8:38:28 AM
1 10/20/2005 8:38:28 AM
1 10/20/2005 8:38:28 AM
1 10/20/2005 8:41:00 AM
1 10/20/2005 8:41:00 AM
1 10/20/2005 8:41:00 AM
1 10/20/2005 8:41:31 AM
1 10/20/2005 8:41:31 AM
1 10/20/2005 8:42:39 AM
1 10/20/2005 8:42:39 AM
1 10/20/2005 8:42:39 AM
1 10/20/2005 8:45:57 AM
1 10/20/2005 8:45:57 AM
1 10/20/2005 8:46:27 AM
1 10/20/2005 8:46:28 AM
1 10/20/2005 8:47:00 AM
1 10/20/2005 8:47:00 AM
1 10/20/2005 8:48:50 AM
1 10/20/2005 8:48:53 AM
1 10/20/2005 8:48:54 AM
1 10/20/2005 8:48:57 AM
1 10/20/2005 8:48:57 AM
1 10/20/2005 8:48:57 AM
1 10/20/2005 8:50:32 AM
1 10/20/2005 8:50:35 AM
1 10/20/2005 8:50:35 AM
1 10/20/2005 8:50:35 AM
1 10/20/2005 8:53:30 AM
1 10/20/2005 8:53:31 AM
1 10/20/2005 8:55:22 AM
1 10/20/2005 8:59:03 AM
1 10/20/2005 8:59:10 AM
1 10/20/2005 8:59:10 AM
1 10/20/2005 9:01:24 AM
1 10/20/2005 9:01:24 AM
1 10/20/2005 9:01:25 AM
1 10/20/2005 9:01:58 AM
1 10/20/2005 9:01:58 AM
1 10/20/2005 9:01:59 AM
1 10/20/2005 9:03:14 AM
1 10/20/2005 9:03:14 AM
1 10/20/2005 9:03:19 AM
1 10/20/2005 9:03:19 AM
1 10/20/2005 9:03:21 AM
1 10/20/2005 9:03:21 AM
1 10/20/2005 9:03:21 AM
1 10/20/2005 9:04:06 AM
1 10/20/2005 9:04:08 AM
1 10/20/2005 9:04:22 AM
1 10/20/2005 9:04:22 AM
1 10/20/2005 9:04:22 AM
1 10/20/2005 9:04:22 AM
1 10/20/2005 9:04:29 AM
1 10/20/2005 9:05:13 AM
1 10/20/2005 9:05:13 AM
1 10/20/2005 9:07:37 AM
1 10/20/2005 9:07:37 AM
1 10/20/2005 9:07:38 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 9:08:21 AM
1 10/20/2005 9:08:21 AM
1 10/20/2005 9:08:21 AM
1 10/20/2005 9:08:43 AM
1 10/20/2005 9:14:27 AM
1 10/20/2005 9:14:28 AM
1 10/20/2005 9:18:54 AM
1 10/20/2005 9:18:55 AM
1 10/20/2005 9:21:16 AM
1 10/20/2005 9:21:16 AM
1 10/20/2005 9:22:12 AM
1 10/20/2005 9:22:12 AM
1 10/20/2005 9:23:38 AM
1 10/20/2005 9:23:38 AM
1 10/20/2005 9:23:39 AM
1 10/20/2005 9:23:39 AM
1 10/20/2005 9:24:11 AM
1 10/20/2005 9:24:12 AM
1 10/20/2005 9:25:59 AM
1 10/20/2005 9:26:00 AM
1 10/20/2005 9:26:04 AM
1 10/20/2005 9:26:04 AM
1 10/20/2005 9:26:05 AM
1 10/20/2005 9:26:19 AM
1 10/20/2005 9:26:19 AM
1 10/20/2005 9:30:09 AM
1 10/20/2005 9:30:09 AM
1 10/20/2005 9:31:00 AM
1 10/20/2005 9:31:01 AM
1 10/20/2005 9:33:59 AM
1 10/20/2005 9:34:00 AM
1 10/20/2005 9:38:28 AM
1 10/20/2005 9:38:29 AM
1 10/20/2005 9:39:58 AM
1 10/20/2005 9:39:59 AM
1 10/20/2005 9:40:00 AM
1 10/20/2005 9:42:50 AM
1 10/20/2005 9:43:18 AM
1 10/20/2005 9:43:18 AM
1 10/20/2005 9:43:40 AM
1 10/20/2005 9:43:41 AM
1 10/20/2005 9:43:45 AM
1 10/20/2005 9:45:22 AM
1 10/20/2005 9:45:22 AM
1 10/20/2005 9:46:52 AM
1 10/20/2005 9:48:31 AM
1 10/20/2005 9:48:31 AM
1 10/20/2005 9:48:43 AM
1 10/20/2005 9:48:43 AM
1 10/20/2005 9:48:43 AM
1 10/20/2005 9:48:50 AM
1 10/20/2005 9:48:50 AM
1 10/20/2005 9:50:48 AM
1 10/20/2005 9:50:48 AM
1 10/20/2005 9:50:49 AM
1 10/20/2005 9:50:49 AM
1 10/20/2005 9:51:26 AM
1 10/20/2005 9:51:27 AM
1 10/20/2005 9:52:06 AM
1 10/20/2005 9:52:07 AM
1 10/20/2005 10:02:57 AM
1 10/20/2005 10:02:57 AM
1 10/20/2005 10:02:57 AM
1 10/20/2005 10:02:57 AM
1 10/20/2005 10:05:08 AM
1 10/20/2005 10:05:09 AM
1 10/20/2005 10:06:59 AM
1 10/20/2005 10:06:59 AM
1 10/20/2005 10:10:47 AM
1 10/20/2005 10:10:47 AM
1 10/20/2005 10:16:04 AM
1 10/20/2005 10:16:04 AM
1 10/20/2005 10:16:05 AM
1 10/20/2005 10:16:30 AM
1 10/20/2005 10:16:30 AM
1 10/20/2005 10:17:12 AM
1 10/20/2005 10:17:12 AM
1 10/20/2005 10:17:12 AM
1 10/20/2005 10:17:36 AM
1 10/20/2005 10:17:37 AM
1 10/20/2005 10:17:38 AM
1 10/20/2005 10:18:17 AM
1 10/20/2005 10:18:18 AM
1 10/20/2005 10:19:18 AM
1 10/20/2005 10:19:18 AM
1 10/20/2005 10:19:18 AM
1 10/20/2005 10:19:59 AM
1 10/20/2005 10:19:59 AM
1 10/20/2005 10:20:00 AM
1 10/20/2005 10:20:00 AM
1 10/20/2005 10:21:16 AM
1 10/20/2005 10:22:15 AM
1 10/20/2005 10:22:15 AM
1 10/20/2005 10:24:04 AM
1 10/20/2005 10:28:33 AM
1 10/20/2005 10:28:33 AM
1 10/20/2005 10:28:38 AM
1 10/20/2005 10:28:39 AM
1 10/20/2005 10:28:42 AM
1 10/20/2005 10:28:42 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 10:28:42 AM
1 10/20/2005 10:28:42 AM
1 10/20/2005 10:28:52 AM
1 10/20/2005 10:28:52 AM
1 10/20/2005 10:28:52 AM
1 10/20/2005 10:28:53 AM
1 10/20/2005 10:31:25 AM
1 10/20/2005 10:31:26 AM
1 10/20/2005 10:32:57 AM
1 10/20/2005 10:32:58 AM
1 10/20/2005 10:33:43 AM
1 10/20/2005 10:33:43 AM
1 10/20/2005 10:33:43 AM
1 10/20/2005 10:35:20 AM
1 10/20/2005 10:35:20 AM
1 10/20/2005 10:35:20 AM
1 10/20/2005 10:35:20 AM
1 10/20/2005 10:35:53 AM
1 10/20/2005 10:35:53 AM
1 10/20/2005 10:35:54 AM
1 10/20/2005 10:35:54 AM
1 10/20/2005 10:38:11 AM
1 10/20/2005 10:38:11 AM
1 10/20/2005 10:39:12 AM
1 10/20/2005 10:39:13 AM
1 10/20/2005 10:44:06 AM
1 10/20/2005 10:44:06 AM
1 10/20/2005 10:46:02 AM
1 10/20/2005 10:46:03 AM
1 10/20/2005 10:46:03 AM
1 10/20/2005 10:46:24 AM
1 10/20/2005 10:46:24 AM
1 10/20/2005 10:46:48 AM
1 10/20/2005 10:47:40 AM
1 10/20/2005 10:47:40 AM
1 10/20/2005 10:49:20 AM
1 10/20/2005 10:49:20 AM
1 10/20/2005 10:52:11 AM
1 10/20/2005 10:52:12 AM
1 10/20/2005 10:52:25 AM
1 10/20/2005 10:52:26 AM
1 10/20/2005 10:52:26 AM
1 10/20/2005 10:52:28 AM
1 10/20/2005 10:56:11 AM
1 10/20/2005 10:56:12 AM
1 10/20/2005 10:56:12 AM
1 10/20/2005 10:56:15 AM
1 10/20/2005 10:56:16 AM
1 10/20/2005 10:57:53 AM
1 10/20/2005 10:57:54 AM
1 10/20/2005 10:58:10 AM
1 10/20/2005 10:58:10 AM
1 10/20/2005 10:58:30 AM
1 10/20/2005 10:58:30 AM
1 10/20/2005 10:59:25 AM
1 10/20/2005 10:59:25 AM
1 10/20/2005 11:01:07 AM
1 10/20/2005 11:01:07 AM
1 10/20/2005 11:01:08 AM
1 10/20/2005 11:02:05 AM
1 10/20/2005 11:02:05 AM
1 10/20/2005 11:02:07 AM
1 10/20/2005 11:02:27 AM
1 10/20/2005 11:02:27 AM
1 10/20/2005 11:05:19 AM
1 10/20/2005 11:05:19 AM
1 10/20/2005 11:05:19 AM
1 10/20/2005 11:07:14 AM
1 10/20/2005 11:07:15 AM
1 10/20/2005 11:07:28 AM
1 10/20/2005 11:07:29 AM
1 10/20/2005 11:07:39 AM
1 10/20/2005 11:12:11 AM
1 10/20/2005 11:12:12 AM
1 10/20/2005 11:14:08 AM
1 10/20/2005 11:14:09 AM
1 10/20/2005 11:19:40 AM
1 10/20/2005 11:19:42 AM
1 10/20/2005 11:20:27 AM
1 10/20/2005 11:20:27 AM
1 10/20/2005 11:23:23 AM
1 10/20/2005 11:23:24 AM
1 10/20/2005 11:23:34 AM
1 10/20/2005 11:25:34 AM
1 10/20/2005 11:25:34 AM
1 10/20/2005 11:27:45 AM
1 10/20/2005 11:27:45 AM
1 10/20/2005 11:28:57 AM
1 10/20/2005 11:28:58 AM
1 10/20/2005 11:29:45 AM
1 10/20/2005 11:29:45 AM
1 10/20/2005 11:30:05 AM
1 10/20/2005 11:30:06 AM
1 10/20/2005 11:34:16 AM
1 10/20/2005 11:34:16 AM
1 10/20/2005 11:34:36 AM
1 10/20/2005 11:34:37 AM
1 10/20/2005 11:34:41 AM
1 10/20/2005 11:34:42 AM
1 10/20/2005 11:36:14 AM
1 10/20/2005 11:37:57 AM
1 10/20/2005 11:37:58 AM
1 10/20/2005 11:38:18 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 11:38:18 AM
1 10/20/2005 11:38:19 AM
1 10/20/2005 11:38:19 AM
1 10/20/2005 11:39:05 AM
1 10/20/2005 11:39:06 AM
1 10/20/2005 11:40:02 AM
1 10/20/2005 11:40:03 AM
1 10/20/2005 11:41:50 AM
1 10/20/2005 11:41:50 AM
1 10/20/2005 11:42:37 AM
1 10/20/2005 11:42:38 AM
1 10/20/2005 11:44:10 AM
1 10/20/2005 11:44:11 AM
1 10/20/2005 11:44:30 AM
1 10/20/2005 11:44:30 AM
1 10/20/2005 11:45:28 AM
1 10/20/2005 11:45:29 AM
1 10/20/2005 11:47:53 AM
1 10/20/2005 11:47:54 AM
1 10/20/2005 11:47:54 AM
1 10/20/2005 11:49:25 AM
1 10/20/2005 11:49:26 AM
1 10/20/2005 11:49:31 AM
1 10/20/2005 11:49:31 AM
1 10/20/2005 11:50:36 AM
1 10/20/2005 11:50:36 AM
1 10/20/2005 11:51:20 AM
1 10/20/2005 11:51:21 AM
1 10/20/2005 11:51:40 AM
1 10/20/2005 11:51:40 AM
1 10/20/2005 11:51:40 AM
1 10/20/2005 11:52:23 AM
1 10/20/2005 11:52:24 AM
1 10/20/2005 11:52:42 AM
1 10/20/2005 11:52:43 AM
1 10/20/2005 11:53:36 AM
1 10/20/2005 11:53:37 AM
1 10/20/2005 11:57:06 AM
1 10/20/2005 11:57:06 AM
1 10/20/2005 11:57:51 AM
1 10/20/2005 11:57:52 AM
1 10/20/2005 11:58:23 AM
1 10/20/2005 11:58:23 AM
1 10/20/2005 11:58:23 AM
1 10/20/2005 11:59:23 AM
1 10/20/2005 11:59:24 AM
1 10/20/2005 11:59:48 AM
1 10/20/2005 11:59:49 AM
1 10/20/2005 12:01:55 PM
1 10/20/2005 12:02:20 PM
1 10/20/2005 12:02:20 PM
1 10/20/2005 12:02:21 PM
1 10/20/2005 12:02:21 PM
1 10/20/2005 12:03:00 PM
1 10/20/2005 12:03:01 PM
1 10/20/2005 12:03:17 PM
1 10/20/2005 12:03:17 PM
1 10/20/2005 12:03:21 PM
1 10/20/2005 12:03:21 PM
1 10/20/2005 12:05:25 PM
1 10/20/2005 12:05:25 PM
1 10/20/2005 12:05:25 PM
1 10/20/2005 12:06:02 PM
1 10/20/2005 12:06:02 PM
1 10/20/2005 12:06:39 PM
1 10/20/2005 12:08:23 PM
1 10/20/2005 12:08:24 PM
1 10/20/2005 12:09:10 PM
1 10/20/2005 12:12:20 PM
1 10/20/2005 12:12:21 PM
1 10/20/2005 12:16:05 PM
1 10/20/2005 12:16:05 PM
1 10/20/2005 12:16:05 PM
1 10/20/2005 12:17:13 PM
1 10/20/2005 12:17:14 PM
1 10/20/2005 12:17:29 PM
1 10/20/2005 12:17:29 PM
1 10/20/2005 12:17:40 PM
1 10/20/2005 12:17:41 PM
1 10/20/2005 12:17:46 PM
1 10/20/2005 12:17:46 PM
1 10/20/2005 12:18:08 PM
1 10/20/2005 12:18:08 PM
1 10/20/2005 12:18:15 PM
1 10/20/2005 12:18:16 PM
1 10/20/2005 12:18:16 PM
1 10/20/2005 12:19:23 PM
1 10/20/2005 12:19:23 PM
1 10/20/2005 12:19:23 PM
1 10/20/2005 12:20:35 PM
1 10/20/2005 12:20:35 PM
1 10/20/2005 12:21:28 PM
1 10/20/2005 12:22:00 PM
1 10/20/2005 12:22:01 PM
1 10/20/2005 12:23:40 PM
1 10/20/2005 12:23:41 PM
1 10/20/2005 12:26:11 PM
1 10/20/2005 12:26:11 PM
1 10/20/2005 12:26:18 PM
1 10/20/2005 12:26:18 PM
1 10/20/2005 12:27:47 PM
1 10/20/2005 12:27:48 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 12:28:30 PM
1 10/20/2005 12:28:30 PM
1 10/20/2005 12:30:41 PM
1 10/20/2005 12:30:41 PM
1 10/20/2005 12:30:41 PM
1 10/20/2005 12:31:43 PM
1 10/20/2005 12:31:43 PM
1 10/20/2005 12:31:43 PM
1 10/20/2005 12:32:56 PM
1 10/20/2005 12:32:57 PM
1 10/20/2005 12:35:16 PM
1 10/20/2005 12:35:16 PM
1 10/20/2005 12:35:16 PM
1 10/20/2005 12:37:57 PM
1 10/20/2005 12:37:57 PM
1 10/20/2005 12:38:13 PM
1 10/20/2005 12:38:13 PM
1 10/20/2005 12:38:14 PM
1 10/20/2005 12:38:14 PM
1 10/20/2005 12:39:49 PM
1 10/20/2005 12:39:49 PM
1 10/20/2005 12:39:49 PM
1 10/20/2005 12:39:56 PM
1 10/20/2005 12:39:56 PM
1 10/20/2005 12:40:04 PM
1 10/20/2005 12:40:04 PM
1 10/20/2005 12:40:04 PM
1 10/20/2005 12:40:04 PM
1 10/20/2005 12:43:24 PM
1 10/20/2005 12:43:25 PM
1 10/20/2005 12:43:25 PM
1 10/20/2005 12:44:32 PM
1 10/20/2005 12:44:32 PM
1 10/20/2005 12:45:52 PM
1 10/20/2005 12:45:53 PM
1 10/20/2005 12:45:54 PM
1 10/20/2005 12:45:54 PM
1 10/20/2005 12:46:01 PM
1 10/20/2005 12:46:02 PM
1 10/20/2005 12:48:40 PM
1 10/20/2005 12:48:40 PM
1 10/20/2005 12:49:47 PM
1 10/20/2005 12:49:47 PM
1 10/20/2005 12:50:04 PM
1 10/20/2005 12:50:04 PM
1 10/20/2005 12:50:04 PM
1 10/20/2005 12:51:34 PM
1 10/20/2005 12:52:03 PM
1 10/20/2005 12:52:03 PM
1 10/20/2005 12:52:27 PM
1 10/20/2005 12:52:27 PM
1 10/20/2005 12:52:27 PM
1 10/20/2005 12:52:56 PM
1 10/20/2005 12:52:57 PM
1 10/20/2005 12:53:58 PM
1 10/20/2005 12:53:58 PM
1 10/20/2005 12:54:27 PM
1 10/20/2005 12:54:29 PM
1 10/20/2005 12:55:26 PM
1 10/20/2005 12:55:26 PM
1 10/20/2005 12:55:28 PM
1 10/20/2005 12:56:20 PM
1 10/20/2005 12:56:20 PM
1 10/20/2005 12:56:39 PM
1 10/20/2005 12:56:40 PM
1 10/20/2005 12:57:06 PM
1 10/20/2005 12:57:07 PM
1 10/20/2005 12:57:53 PM
1 10/20/2005 12:57:54 PM
1 10/20/2005 12:58:34 PM
1 10/20/2005 12:58:35 PM
1 10/20/2005 12:58:41 PM
1 10/20/2005 12:58:42 PM
1 10/20/2005 12:59:26 PM
1 10/20/2005 12:59:26 PM
1 10/20/2005 12:59:30 PM
1 10/20/2005 12:59:30 PM
1 10/20/2005 12:59:35 PM
1 10/20/2005 12:59:35 PM
1 10/20/2005 1:04:05 PM
1 10/20/2005 1:04:05 PM
1 10/20/2005 1:04:29 PM
1 10/20/2005 1:04:29 PM
1 10/20/2005 1:05:56 PM
1 10/20/2005 1:05:56 PM
1 10/20/2005 1:07:32 PM
1 10/20/2005 1:07:32 PM
1 10/20/2005 1:07:37 PM
1 10/20/2005 1:07:38 PM
1 10/20/2005 1:10:12 PM
1 10/20/2005 1:10:12 PM
1 10/20/2005 1:10:12 PM
1 10/20/2005 1:13:31 PM
1 10/20/2005 1:13:31 PM
1 10/20/2005 1:13:58 PM
1 10/20/2005 1:13:59 PM
1 10/20/2005 1:16:00 PM
1 10/20/2005 1:16:00 PM
1 10/20/2005 1:16:52 PM
1 10/20/2005 1:16:52 PM
1 10/20/2005 1:19:39 PM
1 10/20/2005 1:19:39 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 1:20:34 PM
1 10/20/2005 1:20:35 PM
1 10/20/2005 1:20:40 PM
1 10/20/2005 1:20:40 PM
1 10/20/2005 1:20:40 PM
1 10/20/2005 1:21:46 PM
1 10/20/2005 1:21:47 PM
1 10/20/2005 1:24:39 PM
1 10/20/2005 1:24:39 PM
1 10/20/2005 1:29:17 PM
1 10/20/2005 1:29:17 PM
1 10/20/2005 1:30:15 PM
1 10/20/2005 1:30:15 PM
1 10/20/2005 1:30:33 PM
1 10/20/2005 1:30:33 PM
1 10/20/2005 1:33:06 PM
1 10/20/2005 1:33:06 PM
1 10/20/2005 1:34:03 PM
1 10/20/2005 1:34:03 PM
1 10/20/2005 1:34:17 PM
1 10/20/2005 1:34:17 PM
1 10/20/2005 1:38:56 PM
1 10/20/2005 1:38:56 PM
1 10/20/2005 1:39:29 PM
1 10/20/2005 1:39:30 PM
1 10/20/2005 1:40:55 PM
1 10/20/2005 1:40:56 PM
1 10/20/2005 1:41:59 PM
1 10/20/2005 1:41:59 PM
1 10/20/2005 1:43:54 PM
1 10/20/2005 1:43:55 PM
1 10/20/2005 1:44:10 PM
1 10/20/2005 1:45:40 PM
1 10/20/2005 1:45:41 PM
1 10/20/2005 1:46:10 PM
1 10/20/2005 1:46:10 PM
1 10/20/2005 1:48:20 PM
1 10/20/2005 1:48:20 PM
1 10/20/2005 1:48:41 PM
1 10/20/2005 1:53:32 PM
1 10/20/2005 1:53:32 PM
1 10/20/2005 1:54:09 PM
1 10/20/2005 1:54:10 PM
1 10/20/2005 1:54:43 PM
1 10/20/2005 1:54:44 PM
1 10/20/2005 1:56:52 PM
1 10/20/2005 1:56:52 PM
1 10/20/2005 1:56:53 PM
1 10/20/2005 1:57:35 PM
1 10/20/2005 1:57:35 PM
1 10/20/2005 2:01:58 PM
1 10/20/2005 2:01:58 PM
1 10/20/2005 2:01:58 PM
1 10/20/2005 2:01:58 PM
1 10/20/2005 2:02:23 PM
1 10/20/2005 2:02:24 PM
1 10/20/2005 2:02:24 PM
1 10/20/2005 2:11:50 PM
1 10/20/2005 2:11:51 PM
1 10/20/2005 2:11:51 PM
1 10/20/2005 2:12:02 PM
1 10/20/2005 2:12:03 PM
1 10/20/2005 2:15:40 PM
1 10/20/2005 2:15:41 PM
1 10/20/2005 2:16:46 PM
1 10/20/2005 2:16:46 PM
1 10/20/2005 2:17:33 PM
1 10/20/2005 2:17:34 PM
1 10/20/2005 2:17:37 PM
1 10/20/2005 2:17:38 PM
1 10/20/2005 2:19:44 PM
1 10/20/2005 2:19:44 PM
1 10/20/2005 2:19:45 PM
1 10/20/2005 2:19:55 PM
1 10/20/2005 2:19:55 PM
1 10/20/2005 2:21:15 PM
1 10/20/2005 2:21:15 PM
1 10/20/2005 2:21:15 PM
1 10/20/2005 2:23:20 PM
1 10/20/2005 2:23:21 PM
1 10/20/2005 2:23:21 PM
1 10/20/2005 2:23:23 PM
1 10/20/2005 2:23:24 PM
1 10/20/2005 2:23:33 PM
1 10/20/2005 2:23:34 PM
1 10/20/2005 2:23:35 PM
1 10/20/2005 2:23:35 PM
1 10/20/2005 2:23:38 PM
1 10/20/2005 2:23:39 PM
1 10/20/2005 2:25:39 PM
1 10/20/2005 2:25:39 PM
1 10/20/2005 2:25:39 PM
1 10/20/2005 2:25:39 PM
1 10/20/2005 2:25:40 PM
1 10/20/2005 2:26:23 PM
1 10/20/2005 2:26:23 PM
1 10/20/2005 2:26:24 PM
1 10/20/2005 2:26:24 PM
1 10/20/2005 2:27:33 PM
1 10/20/2005 2:27:35 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 2:31:43 PM
 1 10/20/2005 2:31:44 PM
 1 10/20/2005 2:31:54 PM
 1 10/20/2005 2:31:54 PM
 1 10/20/2005 2:32:41 PM
 1 10/20/2005 2:32:41 PM
 1 10/20/2005 2:32:59 PM
 1 10/20/2005 2:33:11 PM
 1 10/20/2005 2:34:41 PM
 1 10/20/2005 2:40:53 PM
 1 10/20/2005 2:40:54 PM
 1 10/20/2005 2:40:58 PM
 1 10/20/2005 2:46:01 PM
 1 10/20/2005 2:46:01 PM
 1 10/20/2005 2:46:06 PM
 1 10/20/2005 2:46:06 PM
 1 10/20/2005 2:46:06 PM
 1 10/20/2005 2:47:12 PM
 1 10/20/2005 2:47:12 PM
 1 10/20/2005 2:47:12 PM
 1 10/20/2005 2:53:17 PM
 1 10/20/2005 2:53:17 PM
 1 10/20/2005 2:54:01 PM
 1 10/20/2005 2:54:01 PM
 1 10/20/2005 2:54:02 PM
 1 10/20/2005 2:54:02 PM
 1 10/20/2005 2:54:21 PM
 1 10/20/2005 2:54:21 PM
 1 10/20/2005 2:54:22 PM
 1 10/20/2005 2:54:52 PM
 1 10/20/2005 2:54:54 PM
 1 10/20/2005 2:54:58 PM
 1 10/20/2005 2:54:59 PM
 1 10/20/2005 2:55:17 PM
 1 10/20/2005 2:55:17 PM
 1 10/20/2005 2:55:49 PM
 1 10/20/2005 2:55:49 PM
 1 10/20/2005 2:55:49 PM
 1 10/20/2005 2:57:20 PM
 1 10/20/2005 2:57:21 PM
 1 10/20/2005 2:59:20 PM
 1 10/20/2005 2:59:21 PM
 1 10/20/2005 3:00:23 PM
 1 10/20/2005 3:00:23 PM
 1 10/20/2005 3:01:53 PM
 1 10/20/2005 3:02:10 PM
 1 10/20/2005 3:03:04 PM
 1 10/20/2005 3:03:04 PM
 1 10/20/2005 3:05:33 PM
 1 10/20/2005 3:05:34 PM
 1 10/20/2005 3:05:46 PM
 1 10/20/2005 3:05:46 PM
 1 10/20/2005 3:06:02 PM
 1 10/20/2005 3:06:02 PM
 1 10/20/2005 3:07:12 PM
 1 10/20/2005 3:07:12 PM
 1 10/20/2005 3:07:21 PM
 1 10/20/2005 3:07:21 PM
 1 10/20/2005 3:07:39 PM
 1 10/20/2005 3:08:30 PM
 1 10/20/2005 3:08:31 PM
 1 10/20/2005 3:08:31 PM
 1 10/20/2005 3:09:55 PM
 1 10/20/2005 3:09:56 PM
 1 10/20/2005 3:11:05 PM
 1 10/20/2005 3:11:40 PM
 1 10/20/2005 3:11:40 PM
 1 10/20/2005 3:12:11 PM
 1 10/20/2005 3:12:12 PM
 1 10/20/2005 3:13:22 PM
 1 10/20/2005 3:13:22 PM
 1 10/20/2005 3:19:49 PM
 1 10/20/2005 3:19:49 PM
 1 10/20/2005 3:19:50 PM
 1 10/20/2005 3:19:51 PM
 1 10/20/2005 3:23:21 PM
 1 10/20/2005 3:23:22 PM
 1 10/20/2005 3:23:50 PM
 1 10/20/2005 3:23:50 PM
 1 10/20/2005 3:24:19 PM
 1 10/20/2005 3:24:19 PM
 1 10/20/2005 3:24:50 PM
 1 10/20/2005 3:27:19 PM
 1 10/20/2005 3:27:20 PM
 1 10/20/2005 3:28:32 PM
 1 10/20/2005 3:28:33 PM
 1 10/20/2005 3:28:33 PM
 1 10/20/2005 3:29:16 PM
 1 10/20/2005 3:29:17 PM
 1 10/20/2005 3:29:23 PM
 1 10/20/2005 3:29:23 PM
 1 10/20/2005 3:31:22 PM
 1 10/20/2005 3:31:22 PM
 1 10/20/2005 3:31:23 PM
 1 10/20/2005 3:31:40 PM
 1 10/20/2005 3:31:40 PM
 1 10/20/2005 3:31:41 PM
 1 10/20/2005 3:31:41 PM
 1 10/20/2005 3:31:44 PM
 1 10/20/2005 3:31:44 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 3:31:44 PM
1 10/20/2005 3:32:10 PM
1 10/20/2005 3:32:10 PM
1 10/20/2005 3:32:15 PM
1 10/20/2005 3:32:15 PM
1 10/20/2005 3:32:15 PM
1 10/20/2005 3:32:15 PM
1 10/20/2005 3:32:17 PM
1 10/20/2005 3:32:18 PM
1 10/20/2005 3:32:37 PM
1 10/20/2005 3:32:37 PM
1 10/20/2005 3:32:37 PM
1 10/20/2005 3:32:37 PM
1 10/20/2005 3:32:54 PM
1 10/20/2005 3:32:54 PM
1 10/20/2005 3:32:54 PM
1 10/20/2005 3:32:54 PM
1 10/20/2005 3:33:00 PM
1 10/20/2005 3:33:00 PM
1 10/20/2005 3:33:15 PM
1 10/20/2005 3:33:32 PM
1 10/20/2005 3:33:33 PM
1 10/20/2005 3:33:33 PM
1 10/20/2005 3:33:46 PM
1 10/20/2005 3:33:46 PM
1 10/20/2005 3:33:50 PM
1 10/20/2005 3:33:51 PM
1 10/20/2005 3:33:51 PM
1 10/20/2005 3:34:04 PM
1 10/20/2005 3:34:04 PM
1 10/20/2005 3:34:05 PM
1 10/20/2005 3:34:05 PM
1 10/20/2005 3:34:12 PM
1 10/20/2005 3:34:13 PM
1 10/20/2005 3:34:13 PM
1 10/20/2005 3:34:17 PM
1 10/20/2005 3:34:17 PM
1 10/20/2005 3:34:17 PM
1 10/20/2005 3:34:20 PM
1 10/20/2005 3:34:20 PM
1 10/20/2005 3:34:30 PM
1 10/20/2005 3:34:30 PM
1 10/20/2005 3:34:31 PM
1 10/20/2005 3:34:31 PM
1 10/20/2005 3:35:33 PM
1 10/20/2005 3:35:33 PM
1 10/20/2005 3:35:33 PM
1 10/20/2005 3:36:04 PM
1 10/20/2005 3:36:05 PM
1 10/20/2005 3:36:09 PM
1 10/20/2005 3:36:09 PM
1 10/20/2005 3:36:29 PM
1 10/20/2005 3:36:29 PM
1 10/20/2005 3:36:30 PM
1 10/20/2005 3:36:30 PM
1 10/20/2005 3:36:34 PM
1 10/20/2005 3:36:35 PM
1 10/20/2005 3:37:41 PM
1 10/20/2005 3:37:41 PM
1 10/20/2005 3:37:42 PM
1 10/20/2005 3:37:42 PM
1 10/20/2005 3:38:18 PM
1 10/20/2005 3:38:19 PM
1 10/20/2005 3:38:20 PM
1 10/20/2005 3:38:20 PM
1 10/20/2005 3:38:43 PM
1 10/20/2005 3:38:43 PM
1 10/20/2005 3:38:55 PM
1 10/20/2005 3:38:55 PM
1 10/20/2005 3:38:56 PM
1 10/20/2005 3:39:23 PM
1 10/20/2005 3:39:24 PM
1 10/20/2005 3:39:24 PM
1 10/20/2005 3:39:34 PM
1 10/20/2005 3:39:35 PM
1 10/20/2005 3:39:48 PM
1 10/20/2005 3:39:48 PM
1 10/20/2005 3:40:24 PM
1 10/20/2005 3:40:25 PM
1 10/20/2005 3:40:27 PM
1 10/20/2005 3:40:28 PM
1 10/20/2005 3:41:23 PM
1 10/20/2005 3:42:09 PM
1 10/20/2005 3:42:10 PM
1 10/20/2005 3:43:04 PM
1 10/20/2005 3:43:04 PM
1 10/20/2005 3:43:04 PM
1 10/20/2005 3:44:43 PM
1 10/20/2005 3:44:43 PM
1 10/20/2005 3:44:43 PM
1 10/20/2005 3:45:34 PM
1 10/20/2005 3:45:34 PM
1 10/20/2005 3:45:42 PM
1 10/20/2005 3:45:43 PM
1 10/20/2005 3:46:00 PM
1 10/20/2005 3:46:00 PM
1 10/20/2005 3:46:01 PM
1 10/20/2005 3:47:01 PM
1 10/20/2005 3:47:02 PM
1 10/20/2005 3:47:50 PM
1 10/20/2005 3:47:50 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 3:50:32 PM
1 10/20/2005 3:50:32 PM
1 10/20/2005 3:50:32 PM
1 10/20/2005 3:51:11 PM
1 10/20/2005 3:51:11 PM
1 10/20/2005 3:51:12 PM
1 10/20/2005 3:53:52 PM
1 10/20/2005 3:53:52 PM
1 10/20/2005 3:53:52 PM
1 10/20/2005 3:53:53 PM
1 10/20/2005 3:53:54 PM
1 10/20/2005 3:55:42 PM
1 10/20/2005 3:55:43 PM
1 10/20/2005 3:56:17 PM
1 10/20/2005 3:56:17 PM
1 10/20/2005 3:59:01 PM
1 10/20/2005 3:59:02 PM
1 10/20/2005 3:59:17 PM
1 10/20/2005 3:59:17 PM
1 10/20/2005 3:59:25 PM
1 10/20/2005 3:59:26 PM
1 10/20/2005 3:59:42 PM
1 10/20/2005 3:59:42 PM
1 10/20/2005 3:59:42 PM
1 10/20/2005 4:03:07 PM
1 10/20/2005 4:03:07 PM
1 10/20/2005 4:03:13 PM
1 10/20/2005 4:03:13 PM
1 10/20/2005 4:03:51 PM
1 10/20/2005 4:03:51 PM
1 10/20/2005 4:05:01 PM
1 10/20/2005 4:06:51 PM
1 10/20/2005 4:06:52 PM
1 10/20/2005 4:11:52 PM
1 10/20/2005 4:11:52 PM
1 10/20/2005 4:13:17 PM
1 10/20/2005 4:13:18 PM
1 10/20/2005 4:22:03 PM
1 10/20/2005 4:22:20 PM
1 10/20/2005 4:22:20 PM
1 10/20/2005 4:22:34 PM
1 10/20/2005 4:22:35 PM
1 10/20/2005 4:22:35 PM
1 10/20/2005 4:23:28 PM
1 10/20/2005 4:23:29 PM
1 10/20/2005 4:25:44 PM
1 10/20/2005 4:29:41 PM
1 10/20/2005 4:29:41 PM
1 10/20/2005 4:32:51 PM
1 10/20/2005 4:32:51 PM
1 10/20/2005 4:33:23 PM
1 10/20/2005 4:33:23 PM
1 10/20/2005 4:33:25 PM
1 10/20/2005 4:33:26 PM
1 10/20/2005 4:34:49 PM
1 10/20/2005 4:34:49 PM
1 10/20/2005 4:34:49 PM
1 10/20/2005 4:34:49 PM
1 10/20/2005 4:35:34 PM
1 10/20/2005 4:35:34 PM
1 10/20/2005 4:35:34 PM
1 10/20/2005 4:35:52 PM
1 10/20/2005 4:35:52 PM
1 10/20/2005 4:37:14 PM
1 10/20/2005 4:37:15 PM
1 10/20/2005 4:39:06 PM
1 10/20/2005 4:39:06 PM
1 10/20/2005 4:39:06 PM
1 10/20/2005 4:40:18 PM
1 10/20/2005 4:40:19 PM
1 10/20/2005 4:41:11 PM
1 10/20/2005 4:41:12 PM
1 10/20/2005 4:44:44 PM
1 10/20/2005 4:44:44 PM
1 10/20/2005 4:45:06 PM
1 10/20/2005 4:45:06 PM
1 10/20/2005 4:45:06 PM
1 10/20/2005 4:47:36 PM
1 10/20/2005 4:47:54 PM
1 10/20/2005 4:47:54 PM
1 10/20/2005 4:48:43 PM
1 10/20/2005 4:48:43 PM
1 10/20/2005 4:49:25 PM
1 10/20/2005 4:49:25 PM
1 10/20/2005 4:49:25 PM
1 10/20/2005 4:51:15 PM
1 10/20/2005 4:51:16 PM
1 10/20/2005 4:55:16 PM
1 10/20/2005 4:55:16 PM
1 10/20/2005 4:55:19 PM
1 10/20/2005 4:55:19 PM
1 10/20/2005 4:58:33 PM
1 10/20/2005 4:58:33 PM
1 10/20/2005 4:58:33 PM
1 10/20/2005 4:58:59 PM
1 10/20/2005 4:59:00 PM
1 10/20/2005 4:59:02 PM
1 10/20/2005 4:59:03 PM
1 10/20/2005 4:59:03 PM
1 10/20/2005 4:59:12 PM
1 10/20/2005 4:59:12 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 5:03:24 PM
 1 10/20/2005 5:03:24 PM
 1 10/20/2005 5:03:48 PM
 1 10/20/2005 5:03:48 PM
 1 10/20/2005 5:03:56 PM
 1 10/20/2005 5:03:56 PM
 1 10/20/2005 5:07:46 PM
 1 10/20/2005 5:07:47 PM
 1 10/20/2005 5:07:47 PM
 1 10/20/2005 5:09:18 PM
 1 10/20/2005 5:09:19 PM
 1 10/20/2005 5:10:12 PM
 1 10/20/2005 5:10:12 PM
 1 10/20/2005 5:10:12 PM
 1 10/20/2005 5:14:46 PM
 1 10/20/2005 5:14:46 PM
 1 10/20/2005 5:17:54 PM
 1 10/20/2005 5:17:55 PM
 1 10/20/2005 5:18:49 PM
 1 10/20/2005 5:18:49 PM
 1 10/20/2005 5:19:28 PM
 1 10/20/2005 5:19:29 PM
 1 10/20/2005 5:21:51 PM
 1 10/20/2005 5:21:52 PM
 1 10/20/2005 5:22:44 PM
 1 10/20/2005 5:24:20 PM
 1 10/20/2005 5:24:20 PM
 1 10/20/2005 5:24:23 PM
 1 10/20/2005 5:24:24 PM
 1 10/20/2005 5:26:40 PM
 1 10/20/2005 5:27:15 PM
 1 10/20/2005 5:27:16 PM
 1 10/20/2005 5:27:37 PM
 1 10/20/2005 5:28:34 PM
 1 10/20/2005 5:28:42 PM
 1 10/20/2005 5:28:42 PM
 1 10/20/2005 5:28:50 PM
 1 10/20/2005 5:28:50 PM
 1 10/20/2005 5:28:50 PM
 1 10/20/2005 5:29:02 PM
 1 10/20/2005 5:29:03 PM
 1 10/20/2005 5:29:46 PM
 1 10/20/2006 5:30:48 PM
 1 10/20/2005 5:31:11 PM
 1 10/20/2005 5:31:11 PM
 1 10/20/2005 5:32:37 PM
 1 10/20/2005 5:35:33 PM
 1 10/20/2005 5:35:33 PM
 1 10/20/2005 5:35:33 PM
 1 10/20/2005 5:35:43 PM
 1 10/20/2005 5:35:44 PM
 1 10/20/2005 5:37:20 PM
 1 10/20/2005 5:38:39 PM
 1 10/20/2005 5:38:39 PM
 1 10/20/2005 5:38:39 PM
 1 10/20/2005 5:40:56 PM
 1 10/20/2005 5:40:56 PM
 1 10/20/2005 5:41:05 PM
 1 10/20/2005 5:41:06 PM
 1 10/20/2005 5:41:33 PM
 1 10/20/2005 5:41:33 PM
 1 10/20/2005 5:43:19 PM
 1 10/20/2005 5:43:20 PM
 1 10/20/2005 5:44:24 PM
 1 10/20/2005 5:44:25 PM
 1 10/20/2005 5:46:09 PM
 1 10/20/2005 5:46:09 PM
 1 10/20/2005 5:48:06 PM
 1 10/20/2005 5:48:54 PM
 1 10/20/2005 5:48:55 PM
 1 10/20/2005 5:50:21 PM
 1 10/20/2005 5:50:21 PM
 1 10/20/2005 5:52:40 PM
 1 10/20/2005 5:52:40 PM
 1 10/20/2005 5:52:57 PM
 1 10/20/2005 5:52:57 PM
 1 10/20/2005 5:54:22 PM
 1 10/20/2005 5:54:23 PM
 1 10/20/2005 5:57:21 PM
 1 10/20/2005 5:57:21 PM
 1 10/20/2005 5:58:07 PM
 1 10/20/2005 5:58:08 PM
 1 10/20/2005 5:58:08 PM
 1 10/20/2005 6:00:12 PM
 1 10/20/2005 6:00:12 PM
 1 10/20/2005 6:00:13 PM
 1 10/20/2005 6:00:13 PM
 1 10/20/2005 6:05:14 PM
 1 10/20/2005 6:05:15 PM
 1 10/20/2005 6:05:43 PM
 1 10/20/2005 6:05:43 PM
 1 10/20/2005 6:06:09 PM
 1 10/20/2005 6:06:09 PM
 1 10/20/2005 6:06:15 PM
 1 10/20/2005 6:06:15 PM
 1 10/20/2005 6:06:16 PM
 1 10/20/2005 6:06:16 PM
 1 10/20/2005 6:06:37 PM
 1 10/20/2005 6:06:37 PM
 1 10/20/2005 6:10:13 PM
 1 10/20/2005 6:12:57 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 6:12:58 PM
1 10/20/2005 6:13:04 PM
1 10/20/2005 6:13:04 PM
1 10/20/2005 6:13:05 PM
1 10/20/2005 6:13:37 PM
1 10/20/2005 6:13:38 PM
1 10/20/2005 6:14:37 PM
1 10/20/2005 6:14:38 PM
1 10/20/2005 6:18:13 PM
1 10/20/2005 6:18:14 PM
1 10/20/2005 6:18:14 PM
1 10/20/2005 6:20:48 PM
1 10/20/2005 6:20:49 PM
1 10/20/2005 6:21:53 PM
1 10/20/2005 6:21:54 PM
1 10/20/2005 6:22:17 PM
1 10/20/2005 6:22:17 PM
1 10/20/2005 6:26:01 PM
1 10/20/2005 6:26:01 PM
1 10/20/2005 6:26:13 PM
1 10/20/2005 6:26:13 PM
1 10/20/2005 6:30:38 PM
1 10/20/2005 6:30:38 PM
1 10/20/2005 6:30:38 PM
1 10/20/2005 6:30:38 PM
1 10/20/2005 6:31:07 PM
1 10/20/2005 6:31:07 PM
1 10/20/2005 6:31:07 PM
1 10/20/2005 6:35:12 PM
1 10/20/2005 6:35:12 PM
1 10/20/2005 6:35:37 PM
1 10/20/2005 6:35:37 PM
1 10/20/2005 6:38:11 PM
1 10/20/2005 6:38:11 PM
1 10/20/2005 6:38:13 PM
1 10/20/2005 6:38:13 PM
1 10/20/2005 6:41:23 PM
1 10/20/2005 6:41:23 PM
1 10/20/2005 6:42:16 PM
1 10/20/2005 6:42:16 PM
1 10/20/2005 6:48:23 PM
1 10/20/2005 6:48:23 PM
1 10/20/2005 6:48:24 PM
1 10/20/2005 6:48:24 PM
1 10/20/2005 6:58:16 PM
1 10/20/2005 6:58:17 PM
1 10/20/2005 6:59:13 PM
1 10/20/2005 6:59:14 PM
1 10/20/2005 7:00:35 PM
1 10/20/2005 7:05:35 PM
1 10/20/2005 7:05:35 PM
1 10/20/2005 7:12:30 PM
1 10/20/2005 7:13:39 PM
1 10/20/2005 7:13:40 PM
1 10/20/2005 7:18:41 PM
1 10/20/2005 7:21:14 PM
1 10/20/2005 7:21:14 PM
1 10/20/2005 7:30:32 PM
1 10/20/2005 7:30:32 PM
1 10/20/2005 7:39:49 PM
1 10/20/2005 7:39:49 PM
1 10/20/2005 7:42:46 PM
1 10/20/2005 7:42:46 PM
1 10/20/2005 7:45:58 PM
1 10/20/2005 7:45:59 PM
1 10/20/2005 7:52:43 PM
1 10/20/2005 7:54:18 PM
1 10/20/2005 7:54:18 PM
1 10/20/2005 7:57:51 PM
1 10/20/2005 7:57:51 PM
1 10/20/2005 8:05:58 PM
1 10/20/2005 8:06:00 PM
1 10/20/2005 8:09:26 PM
1 10/20/2005 8:09:26 PM
1 10/20/2005 8:09:26 PM
1 10/20/2005 8:15:16 PM
1 10/20/2005 8:15:16 PM
1 10/20/2005 8:15:16 PM
1 10/20/2005 8:15:23 PM
1 10/20/2005 8:15:24 PM
1 10/20/2005 8:19:56 PM
1 10/20/2005 8:19:56 PM
1 10/20/2005 8:21:31 PM
1 10/20/2005 8:21:32 PM
1 10/20/2005 8:21:35 PM
1 10/20/2005 8:21:35 PM
1 10/20/2005 8:23:12 PM
1 10/20/2005 8:23:12 PM
1 10/20/2005 8:23:52 PM
1 10/20/2005 8:23:52 PM
1 10/20/2005 8:23:52 PM
1 10/20/2005 8:23:52 PM
1 10/20/2005 8:25:42 PM
1 10/20/2005 8:25:43 PM
1 10/20/2005 8:26:56 PM
1 10/20/2005 8:26:57 PM
1 10/20/2005 8:28:53 PM
1 10/20/2005 8:28:54 PM
1 10/20/2005 8:32:03 PM
1 10/20/2005 8:32:03 PM
1 10/20/2005 8:32:04 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/20/2005 8:34:05 PM
 1 10/20/2005 8:34:05 PM
 1 10/20/2005 8:34:05 PM
 1 10/20/2005 8:34:33 PM
 1 10/20/2005 8:34:33 PM
 1 10/20/2005 8:35:06 PM
 1 10/20/2005 8:36:06 PM
 1 10/20/2005 8:39:23 PM
 1 10/20/2005 8:39:23 PM
 1 10/20/2005 8:41:05 PM
 1 10/20/2005 8:41:05 PM
 1 10/20/2005 8:41:05 PM
 1 10/20/2005 8:41:05 PM
 1 10/20/2005 8:42:40 PM
 1 10/20/2005 8:42:40 PM
 1 10/20/2005 8:42:40 PM
 1 10/20/2005 8:42:40 PM
 1 10/20/2005 8:42:51 PM
 1 10/20/2005 8:50:30 PM
 1 10/20/2005 8:50:30 PM
 1 10/20/2005 8:50:40 PM
 1 10/20/2005 8:50:40 PM
 1 10/20/2005 8:51:15 PM
 1 10/20/2005 8:51:32 PM
 1 10/20/2005 8:51:33 PM
 1 10/20/2005 8:51:33 PM
 1 10/20/2005 8:55:56 PM
 1 10/20/2005 8:55:57 PM
 1 10/20/2005 9:04:22 PM
 1 10/20/2005 9:04:22 PM
 1 10/20/2005 9:04:43 PM
 1 10/20/2005 9:04:44 PM
 1 10/20/2005 9:13:47 PM
 1 10/20/2005 9:13:48 PM
 1 10/20/2005 9:16:11 PM
 1 10/20/2005 9:16:11 PM
 1 10/20/2005 9:25:22 PM
 1 10/20/2005 9:25:23 PM
 1 10/20/2005 9:25:47 PM
 1 10/20/2005 9:25:47 PM
 1 10/20/2005 9:25:47 PM
 1 10/20/2005 9:27:51 PM
 1 10/20/2005 9:27:51 PM
 1 10/20/2005 9:31:24 PM
 1 10/20/2005 9:31:25 PM
 1 10/20/2005 9:31:25 PM
 1 10/20/2005 9:31:29 PM
 1 10/20/2005 9:31:29 PM
 1 10/20/2005 9:31:29 PM
 1 10/20/2005 9:36:28 PM
 1 10/20/2005 9:37:19 PM
 1 10/20/2005 9:37:19 PM
 1 10/20/2005 9:40:48 PM
 1 10/20/2005 9:40:48 PM
 1 10/20/2005 9:45:25 PM
 1 10/20/2005 9:45:25 PM
 1 10/20/2005 10:07:02 PM
 1 10/20/2005 10:12:08 PM
 1 10/20/2005 10:12:09 PM
 1 10/20/2005 10:17:12 PM
 1 10/20/2005 11:09:43 PM
 1 10/20/2005 11:09:43 PM
 1 10/20/2005 11:10:20 PM
 1 10/20/2005 11:20:46 PM
 1 10/20/2005 11:20:46 PM

644 Divide axle counts by 2

1 10/21/2005 4:10:58 AM
 1 10/21/2005 4:10:59 AM
 1 10/21/2005 4:36:23 AM
 1 10/21/2005 4:36:23 AM
 1 10/21/2005 6:07:12 AM
 1 10/21/2005 6:07:12 AM
 1 10/21/2005 6:29:34 AM
 1 10/21/2005 6:29:34 AM
 1 10/21/2005 6:34:53 AM
 1 10/21/2005 6:34:53 AM
 1 10/21/2005 6:36:48 AM
 1 10/21/2005 6:36:48 AM
 1 10/21/2005 6:36:48 AM
 1 10/21/2005 6:41:06 AM
 1 10/21/2005 6:41:06 AM
 1 10/21/2005 6:43:41 AM
 1 10/21/2005 6:43:41 AM
 1 10/21/2005 6:43:41 AM
 1 10/21/2005 6:44:16 AM
 1 10/21/2005 6:44:16 AM
 1 10/21/2005 6:44:16 AM
 1 10/21/2005 6:44:16 AM
 1 10/21/2005 6:45:46 AM
 1 10/21/2005 6:45:47 AM
 1 10/21/2005 6:47:42 AM
 1 10/21/2005 6:47:42 AM
 1 10/21/2005 6:47:43 AM
 1 10/21/2005 6:47:43 AM
 1 10/21/2005 6:48:28 AM
 1 10/21/2005 6:48:29 AM
 1 10/21/2005 6:49:31 AM
 1 10/21/2005 6:49:31 AM
 1 10/21/2005 6:49:59 AM
 1 10/21/2005 6:49:59 AM
 1 10/21/2005 6:53:05 AM
 1 10/21/2005 6:53:05 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 6:54:53 AM
 1 10/21/2005 6:54:53 AM
 1 10/21/2005 6:54:54 AM
 1 10/21/2005 6:55:39 AM
 1 10/21/2005 6:55:39 AM
 1 10/21/2005 6:55:55 AM
 1 10/21/2005 6:59:20 AM
 1 10/21/2005 6:59:20 AM
 1 10/21/2005 6:59:26 AM
 1 10/21/2005 6:59:26 AM
 1 10/21/2005 7:01:30 AM
 1 10/21/2005 7:01:30 AM
 1 10/21/2005 7:05:15 AM
 1 10/21/2005 7:05:15 AM
 1 10/21/2005 7:10:44 AM
 1 10/21/2005 7:10:44 AM
 1 10/21/2005 7:15:02 AM
 1 10/21/2005 7:15:50 AM
 1 10/21/2005 7:15:50 AM
 1 10/21/2005 7:15:51 AM
 1 10/21/2005 7:15:51 AM
 1 10/21/2005 7:19:23 AM
 1 10/21/2005 7:19:23 AM
 1 10/21/2005 7:19:23 AM
 1 10/21/2005 7:19:23 AM
 1 10/21/2005 7:21:59 AM
 1 10/21/2005 7:22:00 AM
 1 10/21/2005 7:26:14 AM
 1 10/21/2005 7:26:14 AM
 1 10/21/2005 7:26:41 AM
 1 10/21/2005 7:26:41 AM
 1 10/21/2005 7:26:42 AM
 1 10/21/2005 7:26:42 AM
 1 10/21/2005 7:30:10 AM
 1 10/21/2005 7:30:10 AM
 1 10/21/2005 7:33:40 AM
 1 10/21/2005 7:33:40 AM
 1 10/21/2005 7:36:49 AM
 1 10/21/2005 7:37:05 AM
 1 10/21/2005 7:37:05 AM
 1 10/21/2005 7:37:40 AM
 1 10/21/2005 7:37:40 AM
 1 10/21/2005 7:37:40 AM
 1 10/21/2005 7:37:57 AM
 1 10/21/2005 7:37:57 AM
 1 10/21/2005 7:39:18 AM
 1 10/21/2005 7:39:18 AM
 1 10/21/2005 7:39:18 AM
 1 10/21/2005 7:39:18 AM
 1 10/21/2005 7:39:25 AM
 1 10/21/2005 7:39:25 AM
 1 10/21/2005 7:39:25 AM
 1 10/21/2005 7:40:00 AM
 1 10/21/2005 7:40:01 AM
 1 10/21/2005 7:41:48 AM
 1 10/21/2005 7:41:48 AM
 1 10/21/2005 7:48:32 AM
 1 10/21/2005 7:48:32 AM
 1 10/21/2005 7:48:57 AM
 1 10/21/2005 7:48:58 AM
 1 10/21/2005 7:53:40 AM
 1 10/21/2005 7:53:40 AM
 1 10/21/2005 7:54:17 AM
 1 10/21/2005 7:54:17 AM
 1 10/21/2005 7:58:09 AM
 1 10/21/2005 7:58:10 AM
 1 10/21/2005 7:59:16 AM
 1 10/21/2005 7:59:17 AM
 1 10/21/2005 8:02:46 AM
 1 10/21/2005 8:02:51 AM
 1 10/21/2005 8:02:52 AM
 1 10/21/2005 8:04:50 AM
 1 10/21/2005 8:04:50 AM
 1 10/21/2005 8:09:23 AM
 1 10/21/2005 8:09:24 AM
 1 10/21/2005 8:09:06 AM
 1 10/21/2005 8:09:07 AM
 1 10/21/2005 8:09:17 AM
 1 10/21/2005 8:09:17 AM
 1 10/21/2005 8:10:33 AM
 1 10/21/2005 8:10:33 AM
 1 10/21/2005 8:11:21 AM
 1 10/21/2005 8:11:21 AM
 1 10/21/2005 8:11:46 AM
 1 10/21/2005 8:11:46 AM
 1 10/21/2005 8:11:46 AM
 1 10/21/2005 8:11:46 AM
 1 10/21/2005 8:12:08 AM
 1 10/21/2005 8:12:36 AM
 1 10/21/2005 8:12:36 AM
 1 10/21/2005 8:13:55 AM
 1 10/21/2005 8:13:55 AM
 1 10/21/2005 8:14:04 AM
 1 10/21/2005 8:14:04 AM
 1 10/21/2005 8:14:24 AM
 1 10/21/2005 8:14:24 AM
 1 10/21/2005 8:14:24 AM
 1 10/21/2005 8:16:33 AM
 1 10/21/2005 8:16:40 AM
 1 10/21/2005 8:20:45 AM
 1 10/21/2005 8:20:46 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 8:20:54 AM
 1 10/21/2005 8:20:54 AM
 1 10/21/2005 8:20:55 AM
 1 10/21/2005 8:21:16 AM
 1 10/21/2005 8:21:16 AM
 1 10/21/2005 8:24:19 AM
 1 10/21/2005 8:24:20 AM
 1 10/21/2005 8:27:34 AM
 1 10/21/2005 8:27:34 AM
 1 10/21/2005 8:28:24 AM
 1 10/21/2005 8:28:24 AM
 1 10/21/2005 8:30:58 AM
 1 10/21/2005 8:30:59 AM
 1 10/21/2005 8:32:32 AM
 1 10/21/2005 8:32:32 AM
 1 10/21/2005 8:32:33 AM
 1 10/21/2005 8:34:09 AM
 1 10/21/2005 8:34:09 AM
 1 10/21/2005 8:35:26 AM
 1 10/21/2005 8:35:26 AM
 1 10/21/2005 8:36:18 AM
 1 10/21/2005 8:36:18 AM
 1 10/21/2005 8:36:48 AM
 1 10/21/2005 8:36:49 AM
 1 10/21/2005 8:37:05 AM
 1 10/21/2005 8:37:05 AM
 1 10/21/2005 8:41:02 AM
 1 10/21/2005 8:41:02 AM
 1 10/21/2005 8:42:20 AM
 1 10/21/2005 8:42:21 AM
 1 10/21/2005 8:44:13 AM
 1 10/21/2005 8:44:20 AM
 1 10/21/2005 8:44:21 AM
 1 10/21/2005 8:44:36 AM
 1 10/21/2005 8:44:46 AM
 1 10/21/2005 8:44:47 AM
 1 10/21/2005 8:44:54 AM
 1 10/21/2005 8:44:54 AM
 1 10/21/2005 8:45:31 AM
 1 10/21/2005 8:45:31 AM
 1 10/21/2005 8:45:31 AM
 1 10/21/2005 8:45:55 AM
 1 10/21/2005 8:45:56 AM
 1 10/21/2005 8:46:05 AM
 1 10/21/2005 8:46:05 AM
 1 10/21/2005 8:46:07 AM
 1 10/21/2005 8:46:45 AM
 1 10/21/2005 8:46:45 AM
 1 10/21/2005 8:48:09 AM
 1 10/21/2005 8:48:10 AM
 1 10/21/2005 8:48:38 AM
 1 10/21/2005 8:48:38 AM
 1 10/21/2005 8:49:34 AM
 1 10/21/2005 8:49:34 AM
 1 10/21/2005 8:49:34 AM
 1 10/21/2005 8:49:50 AM
 1 10/21/2005 8:49:50 AM
 1 10/21/2005 8:49:51 AM
 1 10/21/2005 8:49:58 AM
 1 10/21/2005 8:49:58 AM
 1 10/21/2005 8:53:18 AM
 1 10/21/2005 8:53:19 AM
 1 10/21/2005 8:54:37 AM
 1 10/21/2005 8:54:37 AM
 1 10/21/2005 8:54:38 AM
 1 10/21/2005 8:54:38 AM
 1 10/21/2005 8:55:19 AM
 1 10/21/2005 8:55:20 AM
 1 10/21/2005 8:56:14 AM
 1 10/21/2005 8:56:19 AM
 1 10/21/2005 8:56:20 AM
 1 10/21/2005 8:56:25 AM
 1 10/21/2005 8:57:00 AM
 1 10/21/2005 8:57:00 AM
 1 10/21/2005 8:57:00 AM
 1 10/21/2005 8:57:04 AM
 1 10/21/2005 8:57:05 AM
 1 10/21/2005 8:59:19 AM
 1 10/21/2005 8:59:20 AM
 1 10/21/2005 8:59:22 AM
 1 10/21/2005 8:59:22 AM
 1 10/21/2005 9:01:16 AM
 1 10/21/2005 9:03:02 AM
 1 10/21/2005 9:03:02 AM
 1 10/21/2005 9:03:02 AM
 1 10/21/2005 9:04:47 AM
 1 10/21/2005 9:04:47 AM
 1 10/21/2005 9:04:57 AM
 1 10/21/2005 9:04:58 AM
 1 10/21/2005 9:05:10 AM
 1 10/21/2005 9:05:11 AM
 1 10/21/2005 9:05:11 AM
 1 10/21/2005 9:05:40 AM
 1 10/21/2005 9:05:40 AM
 1 10/21/2005 9:06:14 AM
 1 10/21/2005 9:06:14 AM
 1 10/21/2005 9:07:21 AM
 1 10/21/2005 9:07:21 AM
 1 10/21/2005 9:08:29 AM
 1 10/21/2005 9:08:29 AM
 1 10/21/2005 9:08:29 AM
 1 10/21/2005 9:08:29 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 9:08:29 AM
1 10/21/2005 9:08:36 AM
1 10/21/2005 9:08:37 AM
1 10/21/2005 9:09:41 AM
1 10/21/2005 9:09:41 AM
1 10/21/2005 9:09:41 AM
1 10/21/2005 9:10:55 AM
1 10/21/2005 9:10:55 AM
1 10/21/2005 9:11:05 AM
1 10/21/2005 9:11:05 AM
1 10/21/2005 9:11:07 AM
1 10/21/2005 9:11:07 AM
1 10/21/2005 9:11:07 AM
1 10/21/2005 9:11:21 AM
1 10/21/2005 9:12:13 AM
1 10/21/2005 9:12:16 AM
1 10/21/2005 9:13:42 AM
1 10/21/2005 9:13:43 AM
1 10/21/2005 9:13:46 AM
1 10/21/2005 9:13:47 AM
1 10/21/2005 9:14:11 AM
1 10/21/2005 9:14:20 AM
1 10/21/2005 9:14:23 AM
1 10/21/2005 9:14:23 AM
1 10/21/2005 9:14:38 AM
1 10/21/2005 9:16:40 AM
1 10/21/2005 9:16:40 AM
1 10/21/2005 9:19:56 AM
1 10/21/2005 9:19:56 AM
1 10/21/2005 9:20:27 AM
1 10/21/2005 9:20:27 AM
1 10/21/2005 9:20:28 AM
1 10/21/2005 9:20:28 AM
1 10/21/2005 9:22:05 AM
1 10/21/2005 9:22:05 AM
1 10/21/2005 9:24:32 AM
1 10/21/2005 9:24:32 AM
1 10/21/2005 9:28:00 AM
1 10/21/2005 9:28:01 AM
1 10/21/2005 9:29:06 AM
1 10/21/2005 9:29:06 AM
1 10/21/2005 9:29:06 AM
1 10/21/2005 9:29:22 AM
1 10/21/2005 9:29:22 AM
1 10/21/2005 9:29:48 AM
1 10/21/2005 9:29:48 AM
1 10/21/2005 9:31:03 AM
1 10/21/2005 9:31:03 AM
1 10/21/2005 9:31:46 AM
1 10/21/2005 9:31:47 AM
1 10/21/2005 9:33:33 AM
1 10/21/2005 9:33:33 AM
1 10/21/2005 9:37:13 AM
1 10/21/2005 9:37:14 AM
1 10/21/2005 9:37:35 AM
1 10/21/2005 9:37:35 AM
1 10/21/2005 9:40:34 AM
1 10/21/2005 9:40:35 AM
1 10/21/2005 9:41:06 AM
1 10/21/2005 9:41:07 AM
1 10/21/2005 9:43:44 AM
1 10/21/2005 9:43:45 AM
1 10/21/2005 9:43:45 AM
1 10/21/2005 9:47:48 AM
1 10/21/2005 9:47:49 AM
1 10/21/2005 9:48:38 AM
1 10/21/2005 9:48:39 AM
1 10/21/2005 9:51:47 AM
1 10/21/2005 9:52:27 AM
1 10/21/2005 9:52:27 AM
1 10/21/2005 9:52:27 AM
1 10/21/2005 9:54:28 AM
1 10/21/2005 9:54:28 AM
1 10/21/2005 9:56:42 AM
1 10/21/2005 9:56:42 AM
1 10/21/2005 10:03:35 AM
1 10/21/2005 10:03:36 AM
1 10/21/2005 10:15:41 AM
1 10/21/2005 10:15:41 AM
1 10/21/2005 10:18:09 AM
1 10/21/2005 10:18:09 AM
1 10/21/2005 10:18:10 AM
1 10/21/2005 10:19:36 AM
1 10/21/2005 10:19:36 AM
1 10/21/2005 10:19:37 AM
1 10/21/2005 10:19:57 AM
1 10/21/2005 10:19:57 AM
1 10/21/2005 10:19:57 AM
1 10/21/2005 10:22:20 AM
1 10/21/2005 10:23:08 AM
1 10/21/2005 10:23:08 AM
1 10/21/2005 10:25:11 AM
1 10/21/2005 10:25:26 AM
1 10/21/2005 10:25:26 AM
1 10/21/2005 10:25:26 AM
1 10/21/2005 10:27:00 AM
1 10/21/2005 10:27:01 AM
1 10/21/2005 10:35:26 AM
1 10/21/2005 10:35:26 AM
1 10/21/2005 10:35:27 AM
1 10/21/2005 10:39:43 AM
1 10/21/2005 10:39:43 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 10:39:44 AM
1 10/21/2005 10:39:44 AM
1 10/21/2005 10:42:11 AM
1 10/21/2005 10:42:11 AM
1 10/21/2005 10:45:50 AM
1 10/21/2005 10:45:51 AM
1 10/21/2005 10:47:40 AM
1 10/21/2005 10:47:40 AM
1 10/21/2005 10:47:40 AM
1 10/21/2005 10:48:16 AM
1 10/21/2005 10:48:17 AM
1 10/21/2005 10:48:52 AM
1 10/21/2005 10:48:53 AM
1 10/21/2005 10:52:24 AM
1 10/21/2005 10:53:31 AM
1 10/21/2005 10:56:29 AM
1 10/21/2005 10:56:30 AM
1 10/21/2005 10:56:52 AM
1 10/21/2005 10:56:52 AM
1 10/21/2005 11:02:40 AM
1 10/21/2005 11:02:40 AM
1 10/21/2005 11:02:41 AM
1 10/21/2005 11:02:41 AM
1 10/21/2005 11:02:59 AM
1 10/21/2005 11:02:59 AM
1 10/21/2005 11:02:59 AM
1 10/21/2005 11:04:23 AM
1 10/21/2005 11:06:46 AM
1 10/21/2005 11:06:49 AM
1 10/21/2005 11:08:29 AM
1 10/21/2005 11:08:29 AM
1 10/21/2005 11:08:50 AM
1 10/21/2005 11:08:51 AM
1 10/21/2005 11:10:26 AM
1 10/21/2005 11:10:26 AM
1 10/21/2005 11:10:27 AM
1 10/21/2005 11:13:48 AM
1 10/21/2005 11:13:48 AM
1 10/21/2005 11:15:05 AM
1 10/21/2005 11:17:23 AM
1 10/21/2005 11:17:24 AM
1 10/21/2005 11:21:19 AM
1 10/21/2005 11:21:20 AM
1 10/21/2005 11:21:39 AM
1 10/21/2005 11:21:40 AM
1 10/21/2005 11:21:40 AM
1 10/21/2005 11:21:42 AM
1 10/21/2005 11:21:42 AM
1 10/21/2005 11:22:46 AM
1 10/21/2005 11:22:47 AM
1 10/21/2005 11:23:15 AM
1 10/21/2005 11:23:16 AM
1 10/21/2005 11:24:04 AM
1 10/21/2005 11:24:05 AM
1 10/21/2005 11:24:05 AM
1 10/21/2005 11:24:19 AM
1 10/21/2005 11:24:19 AM
1 10/21/2005 11:24:19 AM
1 10/21/2005 11:27:56 AM
1 10/21/2005 11:27:56 AM
1 10/21/2005 11:30:22 AM
1 10/21/2005 11:30:23 AM
1 10/21/2005 11:33:54 AM
1 10/21/2005 11:33:54 AM
1 10/21/2005 11:34:52 AM
1 10/21/2005 11:34:53 AM
1 10/21/2005 11:36:08 AM
1 10/21/2005 11:36:09 AM
1 10/21/2005 11:36:44 AM
1 10/21/2005 11:37:16 AM
1 10/21/2005 11:37:17 AM
1 10/21/2005 11:38:20 AM
1 10/21/2005 11:38:21 AM
1 10/21/2005 11:38:50 AM
1 10/21/2005 11:38:50 AM
1 10/21/2005 11:41:00 AM
1 10/21/2005 11:41:00 AM
1 10/21/2005 11:41:01 AM
1 10/21/2005 11:41:01 AM
1 10/21/2005 11:42:27 AM
1 10/21/2005 11:42:27 AM
1 10/21/2005 11:42:27 AM
1 10/21/2005 11:44:56 AM
1 10/21/2005 11:44:56 AM
1 10/21/2005 11:46:23 AM
1 10/21/2005 11:46:23 AM
1 10/21/2005 11:46:24 AM
1 10/21/2005 11:46:30 AM
1 10/21/2005 11:46:30 AM
1 10/21/2005 11:46:31 AM
1 10/21/2005 11:47:32 AM
1 10/21/2005 11:47:32 AM
1 10/21/2005 11:47:47 AM
1 10/21/2005 11:47:48 AM
1 10/21/2005 11:49:44 AM
1 10/21/2005 11:52:01 AM
1 10/21/2005 11:53:22 AM
1 10/21/2005 11:53:22 AM
1 10/21/2005 11:53:51 AM
1 10/21/2005 11:53:51 AM
1 10/21/2005 11:54:21 AM
1 10/21/2005 11:54:21 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 11:54:22 AM
 1 10/21/2005 11:54:22 AM
 1 10/21/2005 11:58:32 AM
 1 10/21/2005 11:58:32 AM
 1 10/21/2005 11:58:40 AM
 1 10/21/2005 11:58:41 AM
 1 10/21/2005 11:58:44 AM
 1 10/21/2005 11:59:05 AM
 1 10/21/2005 11:59:05 AM
 1 10/21/2005 11:59:07 AM
 1 10/21/2005 11:59:53 AM
 1 10/21/2005 11:59:53 AM
 1 10/21/2005 11:59:53 AM
 1 10/21/2005 12:00:01 PM
 1 10/21/2005 12:00:01 PM
 1 10/21/2005 12:00:01 PM
 1 10/21/2005 12:00:53 PM
 1 10/21/2005 12:00:53 PM
 1 10/21/2005 12:00:53 PM
 1 10/21/2005 12:00:53 PM
 1 10/21/2005 12:00:53 PM
 1 10/21/2005 12:02:14 PM
 1 10/21/2005 12:02:15 PM
 1 10/21/2005 12:02:39 PM
 1 10/21/2005 12:02:40 PM
 1 10/21/2005 12:04:13 PM
 1 10/21/2005 12:08:49 PM
 1 10/21/2005 12:08:49 PM
 1 10/21/2005 12:08:49 PM
 1 10/21/2005 12:10:29 PM
 1 10/21/2005 12:10:30 PM
 1 10/21/2005 12:12:20 PM
 1 10/21/2005 12:12:20 PM
 1 10/21/2005 12:12:51 PM
 1 10/21/2005 12:13:23 PM
 1 10/21/2005 12:13:26 PM
 1 10/21/2005 12:13:26 PM
 1 10/21/2005 12:13:45 PM
 1 10/21/2005 12:13:45 PM
 1 10/21/2005 12:16:10 PM
 1 10/21/2005 12:16:10 PM
 1 10/21/2005 12:18:40 PM
 1 10/21/2005 12:19:37 PM
 1 10/21/2005 12:19:37 PM
 1 10/21/2005 12:25:21 PM
 1 10/21/2005 12:25:22 PM
 1 10/21/2005 12:27:16 PM
 1 10/21/2005 12:27:16 PM
 1 10/21/2005 12:27:16 PM
 1 10/21/2005 12:28:09 PM
 1 10/21/2005 12:28:10 PM
 1 10/21/2005 12:28:12 PM
 1 10/21/2005 12:28:13 PM
 1 10/21/2005 12:28:29 PM
 1 10/21/2005 12:28:30 PM
 1 10/21/2005 12:28:59 PM
 1 10/21/2005 12:29:00 PM
 1 10/21/2005 12:30:37 PM
 1 10/21/2005 12:30:37 PM
 1 10/21/2005 12:33:15 PM
 1 10/21/2005 12:33:16 PM
 1 10/21/2005 12:37:13 PM
 1 10/21/2005 12:37:13 PM
 1 10/21/2005 12:39:38 PM
 1 10/21/2005 12:39:38 PM
 1 10/21/2005 12:41:04 PM
 1 10/21/2005 12:41:04 PM
 1 10/21/2005 12:41:04 PM
 1 10/21/2005 12:46:31 PM
 1 10/21/2005 12:47:13 PM
 1 10/21/2005 12:47:14 PM
 1 10/21/2005 12:47:14 PM
 1 10/21/2005 12:47:16 PM
 1 10/21/2005 12:47:16 PM
 1 10/21/2005 12:47:16 PM
 1 10/21/2005 12:49:51 PM
 1 10/21/2005 12:49:51 PM
 1 10/21/2005 12:49:52 PM
 1 10/21/2005 12:49:52 PM
 1 10/21/2005 12:50:25 PM
 1 10/21/2005 12:50:25 PM
 1 10/21/2005 12:51:43 PM
 1 10/21/2005 12:51:43 PM
 1 10/21/2005 12:51:43 PM
 1 10/21/2005 12:51:43 PM
 1 10/21/2005 12:53:02 PM
 1 10/21/2005 12:53:02 PM
 1 10/21/2005 12:55:20 PM
 1 10/21/2005 12:57:33 PM
 1 10/21/2005 12:57:34 PM
 1 10/21/2005 12:59:42 PM
 1 10/21/2005 1:00:16 PM
 1 10/21/2005 1:00:16 PM
 1 10/21/2005 1:00:17 PM
 1 10/21/2005 1:02:44 PM
 1 10/21/2005 1:03:21 PM
 1 10/21/2005 1:03:22 PM
 1 10/21/2005 1:04:28 PM
 1 10/21/2005 1:04:28 PM
 1 10/21/2005 1:04:29 PM
 1 10/21/2005 1:04:29 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 1:05:52 PM
 1 10/21/2005 1:05:53 PM
 1 10/21/2005 1:06:01 PM
 1 10/21/2005 1:06:05 PM
 1 10/21/2005 1:06:06 PM
 1 10/21/2005 1:06:16 PM
 1 10/21/2005 1:06:17 PM
 1 10/21/2005 1:07:11 PM
 1 10/21/2005 1:13:36 PM
 1 10/21/2005 1:13:36 PM
 1 10/21/2005 1:13:37 PM
 1 10/21/2005 1:13:42 PM
 1 10/21/2005 1:13:42 PM
 1 10/21/2005 1:13:42 PM
 1 10/21/2005 1:14:12 PM
 1 10/21/2005 1:14:12 PM
 1 10/21/2005 1:14:31 PM
 1 10/21/2005 1:15:27 PM
 1 10/21/2005 1:15:28 PM
 1 10/21/2005 1:16:20 PM
 1 10/21/2005 1:16:21 PM
 1 10/21/2005 1:18:03 PM
 1 10/21/2005 1:23:25 PM
 1 10/21/2005 1:23:25 PM
 1 10/21/2005 1:25:26 PM
 1 10/21/2005 1:25:26 PM
 1 10/21/2005 1:26:33 PM
 1 10/21/2005 1:26:34 PM
 1 10/21/2005 1:27:19 PM
 1 10/21/2005 1:29:41 PM
 1 10/21/2005 1:29:42 PM
 1 10/21/2005 1:29:50 PM
 1 10/21/2005 1:29:50 PM
 1 10/21/2005 1:31:47 PM
 1 10/21/2005 1:31:59 PM
 1 10/21/2005 1:31:59 PM
 1 10/21/2005 1:33:00 PM
 1 10/21/2005 1:33:01 PM
 1 10/21/2005 1:41:13 PM
 1 10/21/2005 1:41:14 PM
 1 10/21/2005 1:42:02 PM
 1 10/21/2005 1:42:02 PM
 1 10/21/2005 1:43:29 PM
 1 10/21/2005 1:43:29 PM
 1 10/21/2005 1:47:44 PM
 1 10/21/2005 1:47:44 PM
 1 10/21/2005 1:51:24 PM
 1 10/21/2005 1:53:17 PM
 1 10/21/2005 1:53:18 PM
 1 10/21/2005 1:53:18 PM
 1 10/21/2005 1:53:46 PM
 1 10/21/2005 1:53:47 PM
 1 10/21/2005 1:54:02 PM
 1 10/21/2005 1:54:02 PM
 1 10/21/2005 1:54:03 PM
 1 10/21/2005 1:54:14 PM
 1 10/21/2005 1:54:14 PM
 1 10/21/2005 1:54:34 PM
 1 10/21/2005 1:54:34 PM
 1 10/21/2005 1:56:07 PM
 1 10/21/2005 1:56:07 PM
 1 10/21/2005 1:56:29 PM
 1 10/21/2005 1:56:30 PM
 1 10/21/2005 1:56:30 PM
 1 10/21/2005 1:58:24 PM
 1 10/21/2005 1:58:25 PM
 1 10/21/2005 1:58:38 PM
 1 10/21/2005 1:58:38 PM
 1 10/21/2005 1:58:38 PM
 1 10/21/2005 1:59:21 PM
 1 10/21/2005 1:59:21 PM
 1 10/21/2005 2:00:38 PM
 1 10/21/2005 2:00:39 PM
 1 10/21/2005 2:00:54 PM
 1 10/21/2005 2:00:55 PM
 1 10/21/2005 2:04:08 PM
 1 10/21/2005 2:04:08 PM
 1 10/21/2005 2:04:08 PM
 1 10/21/2005 2:08:01 PM
 1 10/21/2005 2:08:02 PM
 1 10/21/2005 2:08:26 PM
 1 10/21/2005 2:08:26 PM
 1 10/21/2005 2:09:38 PM
 1 10/21/2005 2:09:38 PM
 1 10/21/2005 2:10:11 PM
 1 10/21/2005 2:10:11 PM
 1 10/21/2005 2:11:35 PM
 1 10/21/2005 2:11:36 PM
 1 10/21/2005 2:12:07 PM
 1 10/21/2005 2:12:08 PM
 1 10/21/2005 2:12:19 PM
 1 10/21/2005 2:12:19 PM
 1 10/21/2005 2:13:09 PM
 1 10/21/2005 2:13:10 PM
 1 10/21/2005 2:13:11 PM
 1 10/21/2005 2:13:58 PM
 1 10/21/2005 2:13:58 PM
 1 10/21/2005 2:17:40 PM
 1 10/21/2005 2:17:40 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 2:17:40 PM
 1 10/21/2005 2:17:40 PM
 1 10/21/2005 2:20:37 PM
 1 10/21/2005 2:20:38 PM
 1 10/21/2005 2:21:16 PM
 1 10/21/2005 2:21:16 PM
 1 10/21/2005 2:21:37 PM
 1 10/21/2005 2:21:37 PM
 1 10/21/2005 2:22:42 PM
 1 10/21/2005 2:22:43 PM
 1 10/21/2005 2:26:16 PM
 1 10/21/2005 2:26:16 PM
 1 10/21/2005 2:27:23 PM
 1 10/21/2005 2:27:23 PM
 1 10/21/2005 2:27:23 PM
 1 10/21/2005 2:27:53 PM
 1 10/21/2005 2:27:53 PM
 1 10/21/2005 2:30:37 PM
 1 10/21/2005 2:30:37 PM
 1 10/21/2005 2:31:16 PM
 1 10/21/2005 2:31:16 PM
 1 10/21/2005 2:31:22 PM
 1 10/21/2005 2:31:22 PM
 1 10/21/2005 2:34:49 PM
 1 10/21/2005 2:34:49 PM
 1 10/21/2005 2:36:17 PM
 1 10/21/2005 2:36:18 PM
 1 10/21/2005 2:39:18 PM
 1 10/21/2005 2:39:18 PM
 1 10/21/2005 2:39:53 PM
 1 10/21/2005 2:39:53 PM
 1 10/21/2005 2:41:12 PM
 1 10/21/2005 2:41:13 PM
 1 10/21/2005 2:45:24 PM
 1 10/21/2005 2:45:24 PM
 1 10/21/2005 2:47:46 PM
 1 10/21/2005 2:47:46 PM
 1 10/21/2005 2:48:34 PM
 1 10/21/2005 2:48:34 PM
 1 10/21/2005 2:48:35 PM
 1 10/21/2005 2:48:35 PM
 1 10/21/2005 2:49:14 PM
 1 10/21/2005 2:49:16 PM
 1 10/21/2005 2:49:20 PM
 1 10/21/2005 2:49:21 PM
 1 10/21/2005 2:51:14 PM
 1 10/21/2005 2:51:15 PM
 1 10/21/2005 2:51:20 PM
 1 10/21/2005 2:51:20 PM
 1 10/21/2005 2:51:20 PM
 1 10/21/2005 2:52:00 PM
 1 10/21/2005 2:52:00 PM
 1 10/21/2005 2:52:00 PM
 1 10/21/2005 2:52:00 PM
 1 10/21/2005 2:52:44 PM
 1 10/21/2005 2:52:45 PM
 1 10/21/2005 2:52:49 PM
 1 10/21/2005 2:52:49 PM
 1 10/21/2005 2:54:33 PM
 1 10/21/2005 2:54:33 PM
 1 10/21/2005 2:54:33 PM
 1 10/21/2005 2:59:57 PM
 1 10/21/2005 2:59:57 PM
 1 10/21/2005 3:00:10 PM
 1 10/21/2005 3:00:10 PM
 1 10/21/2005 3:00:11 PM
 1 10/21/2005 3:02:37 PM
 1 10/21/2005 3:02:38 PM
 1 10/21/2005 3:03:23 PM
 1 10/21/2005 3:03:23 PM
 1 10/21/2005 3:03:52 PM
 1 10/21/2005 3:03:53 PM
 1 10/21/2005 3:03:53 PM
 1 10/21/2005 3:05:26 PM
 1 10/21/2005 3:05:27 PM
 1 10/21/2005 3:06:38 PM
 1 10/21/2005 3:06:39 PM
 1 10/21/2005 3:06:39 PM
 1 10/21/2005 3:06:41 PM
 1 10/21/2005 3:06:41 PM
 1 10/21/2005 3:06:41 PM
 1 10/21/2005 3:07:56 PM
 1 10/21/2005 3:07:56 PM
 1 10/21/2005 3:07:56 PM
 1 10/21/2005 3:08:02 PM
 1 10/21/2005 3:08:03 PM
 1 10/21/2005 3:11:00 PM
 1 10/21/2005 3:11:00 PM
 1 10/21/2005 3:11:08 PM
 1 10/21/2005 3:11:09 PM
 1 10/21/2005 3:11:09 PM
 1 10/21/2005 3:12:33 PM
 1 10/21/2005 3:12:34 PM
 1 10/21/2005 3:13:11 PM
 1 10/21/2005 3:13:12 PM
 1 10/21/2005 3:13:21 PM
 1 10/21/2005 3:13:21 PM
 1 10/21/2005 3:15:26 PM
 1 10/21/2005 3:15:27 PM
 1 10/21/2005 3:16:51 PM
 1 10/21/2005 3:16:52 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 3:17:29 PM
1 10/21/2005 3:17:30 PM
1 10/21/2005 3:17:30 PM
1 10/21/2005 3:17:31 PM
1 10/21/2005 3:17:31 PM
1 10/21/2005 3:18:46 PM
1 10/21/2005 3:18:47 PM
1 10/21/2005 3:19:50 PM
1 10/21/2005 3:19:50 PM
1 10/21/2005 3:19:50 PM
1 10/21/2005 3:20:21 PM
1 10/21/2005 3:20:22 PM
1 10/21/2005 3:21:24 PM
1 10/21/2005 3:21:24 PM
1 10/21/2005 3:22:04 PM
1 10/21/2005 3:22:05 PM
1 10/21/2005 3:22:06 PM
1 10/21/2005 3:22:06 PM
1 10/21/2005 3:22:18 PM
1 10/21/2005 3:22:19 PM
1 10/21/2005 3:22:19 PM
1 10/21/2005 3:22:21 PM
1 10/21/2005 3:22:22 PM
1 10/21/2005 3:23:14 PM
1 10/21/2005 3:23:14 PM
1 10/21/2005 3:23:30 PM
1 10/21/2005 3:23:30 PM
1 10/21/2005 3:24:41 PM
1 10/21/2005 3:24:41 PM
1 10/21/2005 3:24:41 PM
1 10/21/2005 3:24:41 PM
1 10/21/2005 3:24:53 PM
1 10/21/2005 3:24:54 PM
1 10/21/2005 3:27:56 PM
1 10/21/2005 3:28:13 PM
1 10/21/2005 3:28:13 PM
1 10/21/2005 3:28:14 PM
1 10/21/2005 3:28:19 PM
1 10/21/2005 3:28:19 PM
1 10/21/2005 3:28:19 PM
1 10/21/2005 3:28:19 PM
1 10/21/2005 3:29:06 PM
1 10/21/2005 3:29:06 PM
1 10/21/2005 3:29:06 PM
1 10/21/2005 3:29:07 PM
1 10/21/2005 3:29:24 PM
1 10/21/2005 3:30:24 PM
1 10/21/2005 3:30:25 PM
1 10/21/2005 3:30:47 PM
1 10/21/2005 3:30:48 PM
1 10/21/2005 3:30:56 PM
1 10/21/2005 3:30:56 PM
1 10/21/2005 3:31:30 PM
1 10/21/2005 3:31:30 PM
1 10/21/2005 3:31:34 PM
1 10/21/2005 3:31:35 PM
1 10/21/2005 3:31:54 PM
1 10/21/2005 3:31:54 PM
1 10/21/2005 3:31:54 PM
1 10/21/2005 3:31:54 PM
1 10/21/2005 3:32:00 PM
1 10/21/2005 3:32:00 PM
1 10/21/2005 3:32:01 PM
1 10/21/2005 3:32:47 PM
1 10/21/2005 3:32:47 PM
1 10/21/2005 3:32:48 PM
1 10/21/2005 3:32:52 PM
1 10/21/2005 3:32:59 PM
1 10/21/2005 3:32:59 PM
1 10/21/2005 3:33:06 PM
1 10/21/2005 3:33:07 PM
1 10/21/2005 3:33:09 PM
1 10/21/2005 3:33:09 PM
1 10/21/2005 3:33:09 PM
1 10/21/2005 3:33:13 PM
1 10/21/2005 3:33:13 PM
1 10/21/2005 3:33:20 PM
1 10/21/2005 3:33:21 PM
1 10/21/2005 3:34:02 PM
1 10/21/2005 3:34:04 PM
1 10/21/2005 3:34:20 PM
1 10/21/2005 3:34:20 PM
1 10/21/2005 3:34:20 PM
1 10/21/2005 3:34:20 PM
1 10/21/2005 3:35:01 PM
1 10/21/2005 3:35:06 PM
1 10/21/2005 3:35:06 PM
1 10/21/2005 3:35:07 PM
1 10/21/2005 3:35:07 PM
1 10/21/2005 3:35:18 PM
1 10/21/2005 3:35:18 PM
1 10/21/2005 3:35:19 PM
1 10/21/2005 3:35:19 PM
1 10/21/2005 3:35:21 PM
1 10/21/2005 3:35:22 PM
1 10/21/2005 3:35:24 PM
1 10/21/2005 3:35:24 PM
1 10/21/2005 3:35:24 PM
1 10/21/2005 3:35:24 PM
1 10/21/2005 3:35:26 PM
1 10/21/2005 3:35:26 PM
1 10/21/2005 3:35:54 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 3:37:06 PM
1 10/21/2005 3:37:34 PM
1 10/21/2005 3:37:40 PM
1 10/21/2005 3:37:41 PM
1 10/21/2005 3:38:48 PM
1 10/21/2005 3:38:48 PM
1 10/21/2005 3:38:48 PM
1 10/21/2005 3:39:16 PM
1 10/21/2005 3:39:16 PM
1 10/21/2005 3:39:36 PM
1 10/21/2005 3:39:36 PM
1 10/21/2005 3:39:58 PM
1 10/21/2005 3:39:58 PM
1 10/21/2005 3:43:36 PM
1 10/21/2005 3:43:37 PM
1 10/21/2005 3:44:29 PM
1 10/21/2005 3:44:29 PM
1 10/21/2005 3:44:43 PM
1 10/21/2005 3:44:43 PM
1 10/21/2005 3:47:59 PM
1 10/21/2005 3:47:59 PM
1 10/21/2005 3:48:50 PM
1 10/21/2005 3:48:50 PM
1 10/21/2005 3:48:50 PM
1 10/21/2005 3:48:50 PM
1 10/21/2005 3:50:03 PM
1 10/21/2005 3:50:04 PM
1 10/21/2005 3:51:00 PM
1 10/21/2005 3:52:01 PM
1 10/21/2005 3:52:14 PM
1 10/21/2005 3:52:15 PM
1 10/21/2005 3:53:11 PM
1 10/21/2005 3:53:11 PM
1 10/21/2005 3:53:12 PM
1 10/21/2005 3:53:12 PM
1 10/21/2005 3:53:29 PM
1 10/21/2005 3:53:34 PM
1 10/21/2005 3:53:48 PM
1 10/21/2005 3:53:49 PM
1 10/21/2005 3:54:12 PM
1 10/21/2005 3:54:12 PM
1 10/21/2005 3:55:28 PM
1 10/21/2005 3:55:28 PM
1 10/21/2005 3:55:28 PM
1 10/21/2005 3:55:51 PM
1 10/21/2005 3:55:52 PM
1 10/21/2005 3:55:52 PM
1 10/21/2005 3:58:21 PM
1 10/21/2005 3:58:22 PM
1 10/21/2005 3:58:28 PM
1 10/21/2005 3:58:28 PM
1 10/21/2005 3:58:53 PM
1 10/21/2005 3:58:53 PM
1 10/21/2005 3:59:32 PM
1 10/21/2005 3:59:32 PM
1 10/21/2005 4:00:38 PM
1 10/21/2005 4:01:27 PM
1 10/21/2005 4:01:27 PM
1 10/21/2005 4:01:28 PM
1 10/21/2005 4:02:07 PM
1 10/21/2005 4:02:07 PM
1 10/21/2005 4:05:28 PM
1 10/21/2005 4:05:29 PM
1 10/21/2005 4:05:29 PM
1 10/21/2005 4:08:15 PM
1 10/21/2005 4:08:16 PM
1 10/21/2005 4:08:48 PM
1 10/21/2005 4:08:49 PM
1 10/21/2005 4:09:45 PM
1 10/21/2005 4:09:46 PM
1 10/21/2005 4:12:59 PM
1 10/21/2005 4:12:59 PM
1 10/21/2005 4:15:06 PM
1 10/21/2005 4:15:06 PM
1 10/21/2005 4:15:06 PM
1 10/21/2005 4:16:47 PM
1 10/21/2005 4:16:48 PM
1 10/21/2005 4:17:25 PM
1 10/21/2005 4:17:25 PM
1 10/21/2005 4:19:12 PM
1 10/21/2005 4:19:12 PM
1 10/21/2005 4:19:12 PM
1 10/21/2005 4:19:39 PM
1 10/21/2005 4:19:40 PM
1 10/21/2005 4:19:40 PM
1 10/21/2005 4:19:53 PM
1 10/21/2005 4:19:53 PM
1 10/21/2005 4:22:50 PM
1 10/21/2005 4:22:50 PM
1 10/21/2005 4:23:02 PM
1 10/21/2005 4:23:02 PM
1 10/21/2005 4:24:56 PM
1 10/21/2005 4:25:55 PM
1 10/21/2005 4:28:44 PM
1 10/21/2005 4:28:44 PM
1 10/21/2005 4:29:59 PM
1 10/21/2005 4:29:59 PM
1 10/21/2005 4:30:24 PM
1 10/21/2005 4:30:25 PM
1 10/21/2005 4:30:40 PM
1 10/21/2005 4:31:07 PM
1 10/21/2005 4:31:08 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 4:32:34 PM
 1 10/21/2005 4:32:34 PM
 1 10/21/2005 4:41:40 PM
 1 10/21/2005 4:41:40 PM
 1 10/21/2005 4:41:40 PM
 1 10/21/2005 4:43:01 PM
 1 10/21/2005 4:43:02 PM
 1 10/21/2005 4:43:51 PM
 1 10/21/2005 4:43:51 PM
 1 10/21/2005 4:45:07 PM
 1 10/21/2005 4:45:08 PM
 1 10/21/2005 4:45:59 PM
 1 10/21/2005 4:45:59 PM
 1 10/21/2005 4:46:07 PM
 1 10/21/2005 4:46:07 PM
 1 10/21/2005 4:46:07 PM
 1 10/21/2005 4:46:07 PM
 1 10/21/2005 4:47:53 PM
 1 10/21/2005 4:47:53 PM
 1 10/21/2005 4:48:10 PM
 1 10/21/2005 4:48:10 PM
 1 10/21/2005 4:48:25 PM
 1 10/21/2005 4:49:32 PM
 1 10/21/2005 4:50:28 PM
 1 10/21/2005 4:50:28 PM
 1 10/21/2005 4:51:12 PM
 1 10/21/2005 4:51:12 PM
 1 10/21/2005 4:51:17 PM
 1 10/21/2005 4:51:17 PM
 1 10/21/2005 4:51:47 PM
 1 10/21/2005 4:51:47 PM
 1 10/21/2005 4:51:51 PM
 1 10/21/2005 4:51:52 PM
 1 10/21/2005 4:52:22 PM
 1 10/21/2005 4:52:22 PM
 1 10/21/2005 4:52:24 PM
 1 10/21/2005 4:52:24 PM
 1 10/21/2005 4:53:54 PM
 1 10/21/2005 4:53:54 PM
 1 10/21/2005 4:55:05 PM
 1 10/21/2005 4:55:06 PM
 1 10/21/2005 4:59:18 PM
 1 10/21/2005 4:59:18 PM
 1 10/21/2005 4:59:18 PM
 1 10/21/2005 5:01:15 PM
 1 10/21/2005 5:01:16 PM
 1 10/21/2005 5:01:27 PM
 1 10/21/2005 5:01:28 PM
 1 10/21/2005 5:01:31 PM
 1 10/21/2005 5:01:32 PM
 1 10/21/2005 5:01:53 PM
 1 10/21/2005 5:01:53 PM
 1 10/21/2005 5:02:42 PM
 1 10/21/2005 5:02:43 PM
 1 10/21/2005 5:04:59 PM
 1 10/21/2005 5:05:00 PM
 1 10/21/2005 5:05:03 PM
 1 10/21/2005 5:05:04 PM
 1 10/21/2005 5:05:16 PM
 1 10/21/2005 5:05:17 PM
 1 10/21/2005 5:05:28 PM
 1 10/21/2005 5:05:28 PM
 1 10/21/2005 5:06:50 PM
 1 10/21/2005 5:06:50 PM
 1 10/21/2005 5:06:50 PM
 1 10/21/2005 5:07:35 PM
 1 10/21/2005 5:07:35 PM
 1 10/21/2005 5:08:10 PM
 1 10/21/2005 5:11:47 PM
 1 10/21/2005 5:11:47 PM
 1 10/21/2005 5:12:58 PM
 1 10/21/2005 5:12:58 PM
 1 10/21/2005 5:13:05 PM
 1 10/21/2005 5:13:06 PM
 1 10/21/2005 5:13:39 PM
 1 10/21/2005 5:13:39 PM
 1 10/21/2005 5:15:17 PM
 1 10/21/2005 5:15:17 PM
 1 10/21/2005 5:16:19 PM
 1 10/21/2005 5:16:19 PM
 1 10/21/2005 5:16:20 PM
 1 10/21/2005 5:16:24 PM
 1 10/21/2005 5:16:24 PM
 1 10/21/2005 5:19:06 PM
 1 10/21/2005 5:20:32 PM
 1 10/21/2005 5:20:32 PM
 1 10/21/2005 5:20:32 PM
 1 10/21/2005 5:20:58 PM
 1 10/21/2005 5:21:17 PM
 1 10/21/2005 5:21:21 PM
 1 10/21/2005 5:21:29 PM
 1 10/21/2005 5:21:50 PM
 1 10/21/2005 5:21:51 PM
 1 10/21/2005 5:21:54 PM
 1 10/21/2005 5:21:55 PM
 1 10/21/2005 5:21:58 PM
 1 10/21/2005 5:22:14 PM
 1 10/21/2005 5:22:14 PM
 1 10/21/2005 5:23:01 PM
 1 10/21/2005 5:23:01 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 5:23:29 PM
 1 10/21/2005 5:23:49 PM
 1 10/21/2005 5:24:04 PM
 1 10/21/2005 5:24:24 PM
 1 10/21/2005 5:24:24 PM
 1 10/21/2005 5:24:49 PM
 1 10/21/2005 5:24:49 PM
 1 10/21/2005 5:24:49 PM
 1 10/21/2005 5:27:00 PM
 1 10/21/2005 5:27:01 PM
 1 10/21/2005 5:28:43 PM
 1 10/21/2005 5:28:43 PM
 1 10/21/2005 5:29:16 PM
 1 10/21/2005 5:30:26 PM
 1 10/21/2005 5:30:26 PM
 1 10/21/2005 5:31:25 PM
 1 10/21/2005 5:31:25 PM
 1 10/21/2005 5:32:21 PM
 1 10/21/2005 5:32:21 PM
 1 10/21/2005 5:32:47 PM
 1 10/21/2005 5:32:48 PM
 1 10/21/2005 5:34:57 PM
 1 10/21/2005 5:35:49 PM
 1 10/21/2005 5:35:50 PM
 1 10/21/2005 5:35:58 PM
 1 10/21/2005 5:35:58 PM
 1 10/21/2005 5:35:59 PM
 1 10/21/2005 5:35:59 PM
 1 10/21/2005 5:38:32 PM
 1 10/21/2005 5:38:32 PM
 1 10/21/2005 5:38:32 PM
 1 10/21/2005 5:40:06 PM
 1 10/21/2005 5:40:07 PM
 1 10/21/2005 5:40:07 PM
 1 10/21/2005 5:41:40 PM
 1 10/21/2005 5:41:40 PM
 1 10/21/2005 5:42:48 PM
 1 10/21/2005 5:42:48 PM
 1 10/21/2005 5:44:12 PM
 1 10/21/2005 5:44:13 PM
 1 10/21/2005 5:44:15 PM
 1 10/21/2005 5:44:16 PM
 1 10/21/2005 5:45:32 PM
 1 10/21/2005 5:45:32 PM
 1 10/21/2005 5:45:33 PM
 1 10/21/2005 5:45:33 PM
 1 10/21/2005 5:46:16 PM
 1 10/21/2005 5:48:14 PM
 1 10/21/2005 5:48:15 PM
 1 10/21/2005 5:48:15 PM
 1 10/21/2005 5:48:17 PM
 1 10/21/2005 5:48:18 PM
 1 10/21/2005 5:50:23 PM
 1 10/21/2005 5:53:26 PM
 1 10/21/2005 5:53:26 PM
 1 10/21/2005 5:53:55 PM
 1 10/21/2005 5:53:55 PM
 1 10/21/2005 5:55:10 PM
 1 10/21/2005 5:58:14 PM
 1 10/21/2005 5:58:14 PM
 1 10/21/2005 6:00:04 PM
 1 10/21/2005 6:00:04 PM
 1 10/21/2005 6:04:19 PM
 1 10/21/2005 6:04:47 PM
 1 10/21/2005 6:05:14 PM
 1 10/21/2005 6:05:14 PM
 1 10/21/2005 6:06:26 PM
 1 10/21/2005 6:07:14 PM
 1 10/21/2005 6:07:14 PM
 1 10/21/2005 6:07:14 PM
 1 10/21/2005 6:07:14 PM
 1 10/21/2005 6:07:14 PM
 1 10/21/2005 6:09:24 PM
 1 10/21/2005 6:09:25 PM
 1 10/21/2005 6:10:28 PM
 1 10/21/2005 6:10:29 PM
 1 10/21/2005 6:10:53 PM
 1 10/21/2005 6:10:53 PM
 1 10/21/2005 6:13:37 PM
 1 10/21/2005 6:13:37 PM
 1 10/21/2005 6:13:37 PM
 1 10/21/2005 6:13:43 PM
 1 10/21/2005 6:13:43 PM
 1 10/21/2005 6:13:43 PM
 1 10/21/2005 6:13:43 PM
 1 10/21/2005 6:15:22 PM
 1 10/21/2005 6:15:22 PM
 1 10/21/2005 6:15:22 PM
 1 10/21/2005 6:16:02 PM
 1 10/21/2005 6:16:02 PM
 1 10/21/2005 6:19:28 PM
 1 10/21/2005 6:19:28 PM
 1 10/21/2005 6:19:28 PM
 1 10/21/2005 6:19:50 PM
 1 10/21/2005 6:19:51 PM
 1 10/21/2005 6:20:02 PM
 1 10/21/2005 6:20:13 PM
 1 10/21/2005 6:20:14 PM
 1 10/21/2005 6:22:32 PM
 1 10/21/2005 6:22:33 PM
 1 10/21/2005 6:23:01 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 6:23:02 PM
 1 10/21/2005 6:25:58 PM
 1 10/21/2005 6:25:58 PM
 1 10/21/2005 6:25:58 PM
 1 10/21/2005 6:25:58 PM
 1 10/21/2005 6:26:39 PM
 1 10/21/2005 6:26:40 PM
 1 10/21/2005 6:28:09 PM
 1 10/21/2005 6:28:10 PM
 1 10/21/2005 6:31:39 PM
 1 10/21/2005 6:31:39 PM
 1 10/21/2005 6:32:10 PM
 1 10/21/2005 6:32:10 PM
 1 10/21/2005 6:33:12 PM
 1 10/21/2005 6:33:13 PM
 1 10/21/2005 6:33:39 PM
 1 10/21/2005 6:33:44 PM
 1 10/21/2005 6:33:44 PM
 1 10/21/2005 6:33:45 PM
 1 10/21/2005 6:33:46 PM
 1 10/21/2005 6:33:46 PM
 1 10/21/2005 6:33:46 PM
 1 10/21/2005 6:33:46 PM
 1 10/21/2005 6:34:07 PM
 1 10/21/2005 6:34:07 PM
 1 10/21/2005 6:34:13 PM
 1 10/21/2005 6:34:13 PM
 1 10/21/2005 6:34:13 PM
 1 10/21/2005 6:35:01 PM
 1 10/21/2005 6:35:01 PM
 1 10/21/2005 6:35:01 PM
 1 10/21/2005 6:35:04 PM
 1 10/21/2005 6:35:04 PM
 1 10/21/2005 6:36:44 PM
 1 10/21/2005 6:36:44 PM
 1 10/21/2005 6:36:51 PM
 1 10/21/2005 6:36:52 PM
 1 10/21/2005 6:38:03 PM
 1 10/21/2005 6:38:03 PM
 1 10/21/2005 6:39:21 PM
 1 10/21/2005 6:39:21 PM
 1 10/21/2005 6:39:21 PM
 1 10/21/2005 6:39:21 PM
 1 10/21/2005 6:40:39 PM
 1 10/21/2005 6:40:39 PM
 1 10/21/2005 6:41:51 PM
 1 10/21/2005 6:41:51 PM
 1 10/21/2005 6:44:42 PM
 1 10/21/2005 6:44:42 PM
 1 10/21/2005 6:46:06 PM
 1 10/21/2005 6:51:22 PM
 1 10/21/2005 6:51:56 PM
 1 10/21/2005 6:51:56 PM
 1 10/21/2005 6:51:56 PM
 1 10/21/2005 6:51:56 PM
 1 10/21/2005 6:52:34 PM
 1 10/21/2005 6:52:34 PM
 1 10/21/2005 6:53:44 PM
 1 10/21/2005 6:53:44 PM
 1 10/21/2005 6:53:44 PM
 1 10/21/2005 6:53:44 PM
 1 10/21/2005 6:55:06 PM
 1 10/21/2005 6:55:06 PM
 1 10/21/2005 6:55:06 PM
 1 10/21/2005 6:55:06 PM
 1 10/21/2005 6:55:11 PM
 1 10/21/2005 6:55:12 PM
 1 10/21/2005 6:56:48 PM
 1 10/21/2005 6:57:56 PM
 1 10/21/2005 6:57:56 PM
 1 10/21/2005 7:01:13 PM
 1 10/21/2005 7:01:13 PM
 1 10/21/2005 7:02:34 PM
 1 10/21/2005 7:02:34 PM
 1 10/21/2005 7:03:20 PM
 1 10/21/2005 7:03:20 PM
 1 10/21/2005 7:04:38 PM
 1 10/21/2005 7:04:38 PM
 1 10/21/2005 7:04:38 PM
 1 10/21/2005 7:06:20 PM
 1 10/21/2005 7:06:21 PM
 1 10/21/2005 7:06:28 PM
 1 10/21/2005 7:06:29 PM
 1 10/21/2005 7:09:48 PM
 1 10/21/2005 7:09:48 PM
 1 10/21/2005 7:10:11 PM
 1 10/21/2005 7:11:04 PM
 1 10/21/2005 7:11:05 PM
 1 10/21/2005 7:11:57 PM
 1 10/21/2005 7:11:58 PM
 1 10/21/2005 7:19:53 PM
 1 10/21/2005 7:19:53 PM
 1 10/21/2005 7:19:53 PM
 1 10/21/2005 7:19:53 PM
 1 10/21/2005 7:23:25 PM
 1 10/21/2005 7:25:10 PM
 1 10/21/2005 7:25:10 PM
 1 10/21/2005 7:25:48 PM
 1 10/21/2005 7:25:48 PM
 1 10/21/2005 7:25:59 PM
 1 10/21/2005 7:28:00 PM
 1 10/21/2005 7:28:00 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 7:28:08 PM
 1 10/21/2005 7:28:08 PM
 1 10/21/2005 7:30:21 PM
 1 10/21/2005 7:30:21 PM
 1 10/21/2005 7:31:04 PM
 1 10/21/2005 7:31:12 PM
 1 10/21/2005 7:31:12 PM
 1 10/21/2005 7:33:00 PM
 1 10/21/2005 7:44:20 PM
 1 10/21/2005 7:44:49 PM
 1 10/21/2005 7:44:49 PM
 1 10/21/2005 7:46:26 PM
 1 10/21/2005 7:46:27 PM
 1 10/21/2005 7:49:31 PM
 1 10/21/2005 7:49:40 PM
 1 10/21/2005 7:55:27 PM
 1 10/21/2005 7:55:27 PM
 1 10/21/2005 8:00:46 PM
 1 10/21/2005 8:00:46 PM
 1 10/21/2005 8:03:55 PM
 1 10/21/2005 8:03:55 PM
 1 10/21/2005 8:04:50 PM
 1 10/21/2005 8:04:50 PM
 1 10/21/2005 8:06:51 PM
 1 10/21/2005 8:06:51 PM
 1 10/21/2005 8:08:02 PM
 1 10/21/2005 8:08:03 PM
 1 10/21/2005 8:09:19 PM
 1 10/21/2005 8:09:20 PM
 1 10/21/2005 8:12:09 PM
 1 10/21/2005 8:13:51 PM
 1 10/21/2005 8:13:52 PM
 1 10/21/2005 8:15:51 PM
 1 10/21/2005 8:15:51 PM
 1 10/21/2005 8:18:58 PM
 1 10/21/2005 8:18:59 PM
 1 10/21/2005 8:20:37 PM
 1 10/21/2005 8:20:38 PM
 1 10/21/2005 8:20:45 PM
 1 10/21/2005 8:20:46 PM
 1 10/21/2005 8:22:02 PM
 1 10/21/2005 8:22:02 PM
 1 10/21/2005 8:22:02 PM
 1 10/21/2005 8:22:49 PM
 1 10/21/2005 8:27:52 PM
 1 10/21/2005 8:27:53 PM
 1 10/21/2005 8:30:14 PM
 1 10/21/2005 8:30:14 PM
 1 10/21/2005 8:31:39 PM
 1 10/21/2005 8:31:39 PM
 1 10/21/2005 8:31:40 PM
 1 10/21/2005 8:31:40 PM
 1 10/21/2005 8:32:56 PM
 1 10/21/2005 8:32:56 PM
 1 10/21/2005 8:32:56 PM
 1 10/21/2005 8:32:58 PM
 1 10/21/2005 8:32:58 PM
 1 10/21/2005 8:32:59 PM
 1 10/21/2005 8:32:59 PM
 1 10/21/2005 8:35:00 PM
 1 10/21/2005 8:35:00 PM
 1 10/21/2005 8:35:41 PM
 1 10/21/2005 8:39:35 PM
 1 10/21/2005 8:39:35 PM
 1 10/21/2005 8:46:19 PM
 1 10/21/2005 8:46:20 PM
 1 10/21/2005 8:46:20 PM
 1 10/21/2005 8:54:36 PM
 1 10/21/2005 8:54:36 PM
 1 10/21/2005 8:54:37 PM
 1 10/21/2005 8:54:37 PM
 1 10/21/2005 9:05:16 PM
 1 10/21/2005 9:05:17 PM
 1 10/21/2005 9:05:17 PM
 1 10/21/2005 9:11:12 PM
 1 10/21/2005 9:11:12 PM
 1 10/21/2005 9:11:51 PM
 1 10/21/2005 9:11:51 PM
 1 10/21/2005 9:11:51 PM
 1 10/21/2005 9:11:51 PM
 1 10/21/2005 9:11:58 PM
 1 10/21/2005 9:11:58 PM
 1 10/21/2005 9:13:17 PM
 1 10/21/2005 9:13:17 PM
 1 10/21/2005 9:15:24 PM
 1 10/21/2005 9:15:24 PM
 1 10/21/2005 9:15:58 PM
 1 10/21/2005 9:15:58 PM
 1 10/21/2005 9:22:46 PM
 1 10/21/2005 9:22:47 PM
 1 10/21/2005 9:22:47 PM
 1 10/21/2005 9:23:20 PM
 1 10/21/2005 9:23:20 PM
 1 10/21/2005 9:24:20 PM
 1 10/21/2005 9:24:20 PM
 1 10/21/2005 9:24:20 PM
 1 10/21/2005 9:24:20 PM
 1 10/21/2005 9:26:56 PM
 1 10/21/2005 9:26:56 PM
 1 10/21/2005 9:36:02 PM
 1 10/21/2005 9:43:54 PM
 1 10/21/2005 9:43:55 PM
 1 10/21/2005 9:46:26 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/21/2005 9:48:26 PM
 1 10/21/2005 9:48:57 PM
 1 10/21/2005 9:50:41 PM
 1 10/21/2005 9:50:42 PM
 1 10/21/2005 9:50:42 PM
 1 10/21/2005 10:11:14 PM
 1 10/21/2005 10:11:15 PM
 1 10/21/2005 10:11:15 PM
 1 10/21/2005 10:17:50 PM
 1 10/21/2005 10:17:50 PM
 1 10/21/2005 10:17:51 PM
 1 10/21/2005 10:28:30 PM
 1 10/21/2005 10:28:30 PM
 1 10/21/2005 10:28:30 PM
 1 10/21/2005 10:28:30 PM
 1 10/21/2005 10:29:05 PM
 1 10/21/2005 10:29:05 PM
 1 10/21/2005 10:51:03 PM
 1 10/21/2005 10:51:03 PM
 1 10/21/2005 10:51:07 PM
 1 10/21/2005 10:51:07 PM
 1 10/21/2005 11:17:47 PM
 1 10/21/2005 11:17:47 PM
 1 10/21/2005 11:17:48 PM
 1 10/21/2005 11:18:50 PM
 1 10/21/2005 11:18:50 PM
 1 10/21/2005 11:45:53 PM
 1 10/21/2005 11:45:53 PM

695 Divide axle counts by 2

1 10/22/2005 12:20:41 AM
 1 10/22/2005 12:20:41 AM
 1 10/22/2005 12:43:29 AM
 1 10/22/2005 12:43:30 AM
 1 10/22/2005 12:58:02 AM
 1 10/22/2005 12:58:03 AM
 1 10/22/2005 12:58:08 AM
 1 10/22/2005 12:58:08 AM
 1 10/22/2005 1:03:13 AM
 1 10/22/2005 1:03:14 AM
 1 10/22/2005 1:12:59 AM
 1 10/22/2005 1:12:59 AM
 1 10/22/2005 1:13:37 AM
 1 10/22/2005 1:13:37 AM
 1 10/22/2005 1:52:04 AM
 1 10/22/2005 1:52:04 AM
 1 10/22/2005 1:52:04 AM
 1 10/22/2005 1:52:04 AM
 1 10/22/2005 4:46:00 AM
 1 10/22/2005 4:46:01 AM
 1 10/22/2005 6:15:22 AM
 1 10/22/2005 6:15:22 AM
 1 10/22/2005 6:15:22 AM
 1 10/22/2005 6:51:27 AM
 1 10/22/2005 6:51:27 AM
 1 10/22/2005 7:11:14 AM
 1 10/22/2005 7:11:15 AM
 1 10/22/2005 7:26:16 AM
 1 10/22/2005 7:26:16 AM
 1 10/22/2005 7:26:53 AM
 1 10/22/2005 7:26:53 AM
 1 10/22/2005 7:26:53 AM
 1 10/22/2005 7:27:15 AM
 1 10/22/2005 7:27:15 AM
 1 10/22/2005 7:32:06 AM
 1 10/22/2005 7:32:07 AM
 1 10/22/2005 7:36:13 AM
 1 10/22/2005 7:36:13 AM
 1 10/22/2005 7:39:48 AM
 1 10/22/2005 7:39:48 AM
 1 10/22/2005 7:39:48 AM
 1 10/22/2005 7:43:30 AM
 1 10/22/2005 7:43:30 AM
 1 10/22/2005 7:45:03 AM
 1 10/22/2005 7:45:07 AM
 1 10/22/2005 7:45:07 AM
 1 10/22/2005 7:56:21 AM
 1 10/22/2005 7:56:21 AM
 1 10/22/2005 7:56:21 AM
 1 10/22/2005 7:56:21 AM
 1 10/22/2005 7:59:33 AM
 1 10/22/2005 8:02:09 AM
 1 10/22/2005 8:02:10 AM
 1 10/22/2005 8:02:10 AM
 1 10/22/2005 8:05:58 AM
 1 10/22/2005 8:05:58 AM
 1 10/22/2005 8:10:30 AM
 1 10/22/2005 8:10:30 AM
 1 10/22/2005 8:13:15 AM
 1 10/22/2005 8:13:15 AM
 1 10/22/2005 8:13:28 AM
 1 10/22/2005 8:13:28 AM
 1 10/22/2005 8:13:29 AM
 1 10/22/2005 8:16:57 AM
 1 10/22/2005 8:16:58 AM
 1 10/22/2005 8:16:58 AM
 1 10/22/2005 8:17:35 AM
 1 10/22/2005 8:17:36 AM
 1 10/22/2005 8:23:09 AM
 1 10/22/2005 8:23:09 AM
 1 10/22/2005 8:23:52 AM
 1 10/22/2005 8:23:52 AM
 1 10/22/2005 8:23:53 AM
 1 10/22/2005 8:23:53 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 8:28:03 AM
 1 10/22/2005 8:31:48 AM
 1 10/22/2005 8:31:48 AM
 1 10/22/2005 8:31:48 AM
 1 10/22/2005 8:32:32 AM
 1 10/22/2005 8:32:33 AM
 1 10/22/2005 8:36:48 AM
 1 10/22/2005 8:36:48 AM
 1 10/22/2005 8:36:49 AM
 1 10/22/2005 8:42:36 AM
 1 10/22/2005 8:42:37 AM
 1 10/22/2005 8:56:49 AM
 1 10/22/2005 8:56:49 AM
 1 10/22/2005 8:56:50 AM
 1 10/22/2005 8:58:17 AM
 1 10/22/2005 8:58:18 AM
 1 10/22/2005 8:58:24 AM
 1 10/22/2005 8:58:24 AM
 1 10/22/2005 8:58:26 AM
 1 10/22/2005 8:58:26 AM
 1 10/22/2005 8:58:33 AM
 1 10/22/2005 8:58:34 AM
 1 10/22/2005 9:03:37 AM
 1 10/22/2005 9:03:37 AM
 1 10/22/2005 9:03:37 AM
 1 10/22/2005 9:06:08 AM
 1 10/22/2005 9:08:09 AM
 1 10/22/2005 9:08:10 AM
 1 10/22/2005 9:11:49 AM
 1 10/22/2005 9:11:49 AM
 1 10/22/2005 9:11:50 AM
 1 10/22/2005 9:13:19 AM
 1 10/22/2005 9:13:19 AM
 1 10/22/2005 9:13:19 AM
 1 10/22/2005 9:13:19 AM
 1 10/22/2005 9:13:29 AM
 1 10/22/2005 9:13:30 AM
 1 10/22/2005 9:13:40 AM
 1 10/22/2005 9:13:40 AM
 1 10/22/2005 9:13:40 AM
 1 10/22/2005 9:13:40 AM
 1 10/22/2005 9:14:11 AM
 1 10/22/2005 9:14:12 AM
 1 10/22/2005 9:17:35 AM
 1 10/22/2005 9:17:36 AM
 1 10/22/2005 9:18:52 AM
 1 10/22/2005 9:18:53 AM
 1 10/22/2005 9:22:42 AM
 1 10/22/2005 9:22:43 AM
 1 10/22/2005 9:23:08 AM
 1 10/22/2005 9:23:09 AM
 1 10/22/2005 9:26:21 AM
 1 10/22/2005 9:26:22 AM
 1 10/22/2005 9:26:26 AM
 1 10/22/2005 9:27:04 AM
 1 10/22/2005 9:27:04 AM
 1 10/22/2005 9:27:32 AM
 1 10/22/2005 9:27:33 AM
 1 10/22/2005 9:30:54 AM
 1 10/22/2005 9:30:55 AM
 1 10/22/2005 9:33:16 AM
 1 10/22/2005 9:33:22 AM
 1 10/22/2005 9:33:22 AM
 1 10/22/2005 9:35:52 AM
 1 10/22/2005 9:35:53 AM
 1 10/22/2005 9:36:32 AM
 1 10/22/2005 9:40:04 AM
 1 10/22/2005 9:41:45 AM
 1 10/22/2005 9:41:46 AM
 1 10/22/2005 9:43:24 AM
 1 10/22/2005 9:43:24 AM
 1 10/22/2005 9:43:24 AM
 1 10/22/2005 9:43:24 AM
 1 10/22/2005 9:43:25 AM
 1 10/22/2005 9:43:29 AM
 1 10/22/2005 9:43:29 AM
 1 10/22/2005 9:43:42 AM
 1 10/22/2005 9:43:43 AM
 1 10/22/2005 9:43:43 AM
 1 10/22/2005 9:45:53 AM
 1 10/22/2005 9:45:54 AM
 1 10/22/2005 9:48:00 AM
 1 10/22/2005 9:48:00 AM
 1 10/22/2005 9:48:01 AM
 1 10/22/2005 9:48:02 AM
 1 10/22/2005 9:48:14 AM
 1 10/22/2005 9:48:14 AM
 1 10/22/2005 9:48:14 AM
 1 10/22/2005 9:50:11 AM
 1 10/22/2005 9:50:11 AM
 1 10/22/2005 9:51:46 AM
 1 10/22/2005 9:51:49 AM
 1 10/22/2005 9:53:11 AM
 1 10/22/2005 9:53:12 AM
 1 10/22/2005 10:02:37 AM
 1 10/22/2005 10:02:37 AM
 1 10/22/2005 10:03:24 AM
 1 10/22/2005 10:03:24 AM
 1 10/22/2005 10:05:03 AM
 1 10/22/2005 10:05:04 AM

SITE 93 OCT 20-22 JAMAR 5

1 10/22/2005 10:05:04 AM
1 10/22/2005 10:07:34 AM
1 10/22/2005 10:07:35 AM
1 10/22/2005 10:10:35 AM
1 10/22/2005 10:10:35 AM
1 10/22/2005 10:10:35 AM
1 10/22/2005 10:11:17 AM
1 10/22/2005 10:11:18 AM
1 10/22/2005 10:17:24 AM
1 10/22/2005 10:17:24 AM
1 10/22/2005 10:17:24 AM
1 10/22/2005 10:18:33 AM
1 10/22/2005 10:18:34 AM
1 10/22/2005 10:18:35 AM
1 10/22/2005 10:18:35 AM
1 10/22/2005 10:18:35 AM
1 10/22/2005 10:18:46 AM
1 10/22/2005 10:18:46 AM
1 10/22/2005 10:18:47 AM
1 10/22/2005 10:18:47 AM
1 10/22/2005 10:21:11 AM
1 10/22/2005 10:21:11 AM
1 10/22/2005 10:21:33 AM
1 10/22/2005 10:21:33 AM
1 10/22/2005 10:23:54 AM
1 10/22/2005 10:24:16 AM
1 10/22/2005 10:24:16 AM
1 10/22/2005 10:27:18 AM
1 10/22/2005 10:27:53 AM
1 10/22/2005 10:27:54 AM
1 10/22/2005 10:28:44 AM
1 10/22/2005 10:28:44 AM
1 10/22/2005 10:28:44 AM
1 10/22/2005 10:33:44 AM
1 10/22/2005 10:33:45 AM
1 10/22/2005 10:34:39 AM
1 10/22/2005 10:34:39 AM
1 10/22/2005 10:36:38 AM
1 10/22/2005 10:36:39 AM
1 10/22/2005 10:37:42 AM
1 10/22/2005 10:37:43 AM
1 10/22/2005 10:39:45 AM
1 10/22/2005 10:39:46 AM
1 10/22/2005 10:41:20 AM
1 10/22/2005 10:41:20 AM
1 10/22/2005 10:41:20 AM
1 10/22/2005 10:45:21 AM
1 10/22/2005 10:45:43 AM
1 10/22/2005 10:45:44 AM
1 10/22/2005 10:45:44 AM
1 10/22/2005 10:45:47 AM
1 10/22/2005 10:45:47 AM
1 10/22/2005 10:45:47 AM
1 10/22/2005 10:47:56 AM
1 10/22/2005 10:48:13 AM
1 10/22/2005 10:48:13 AM
1 10/22/2005 10:51:34 AM
1 10/22/2005 10:51:34 AM
1 10/22/2005 10:52:54 AM
1 10/22/2005 10:52:55 AM
1 10/22/2005 10:56:01 AM
1 10/22/2005 10:56:02 AM
1 10/22/2005 10:57:44 AM
1 10/22/2005 10:57:45 AM
1 10/22/2005 11:02:30 AM
1 10/22/2005 11:02:31 AM
1 10/22/2005 11:04:29 AM
1 10/22/2005 11:04:29 AM
1 10/22/2005 11:04:57 AM
1 10/22/2005 11:04:58 AM
1 10/22/2005 11:07:26 AM
1 10/22/2005 11:07:27 AM
1 10/22/2005 11:08:36 AM
1 10/22/2005 11:08:37 AM
1 10/22/2005 11:08:37 AM
1 10/22/2005 11:09:17 AM
1 10/22/2005 11:13:28 AM
1 10/22/2005 11:13:28 AM
1 10/22/2005 11:14:57 AM
1 10/22/2005 11:14:57 AM
1 10/22/2005 11:16:56 AM
1 10/22/2005 11:16:57 AM
1 10/22/2005 11:16:57 AM
1 10/22/2005 11:18:32 AM
1 10/22/2005 11:18:33 AM
1 10/22/2005 11:19:40 AM
1 10/22/2005 11:19:41 AM
1 10/22/2005 11:21:14 AM
1 10/22/2005 11:21:14 AM
1 10/22/2005 11:21:14 AM
1 10/22/2005 11:25:34 AM
1 10/22/2005 11:25:37 AM
1 10/22/2005 11:25:38 AM
1 10/22/2005 11:25:48 AM
1 10/22/2005 11:25:48 AM
1 10/22/2005 11:25:48 AM
1 10/22/2005 11:28:48 AM
1 10/22/2005 11:30:22 AM
1 10/22/2005 11:30:57 AM
1 10/22/2005 11:30:58 AM
1 10/22/2005 11:33:21 AM
1 10/22/2005 11:33:21 AM
1 10/22/2005 11:33:21 AM
1 10/22/2005 11:35:45 AM
1 10/22/2005 11:39:26 AM
1 10/22/2005 11:39:26 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 11:39:30 AM
1 10/22/2005 11:39:30 AM
1 10/22/2005 11:40:13 AM
1 10/22/2005 11:40:13 AM
1 10/22/2005 11:41:07 AM
1 10/22/2005 11:41:08 AM
1 10/22/2005 11:42:55 AM
1 10/22/2005 11:42:55 AM
1 10/22/2005 11:44:00 AM
1 10/22/2005 11:44:00 AM
1 10/22/2005 11:45:30 AM
1 10/22/2005 11:45:30 AM
1 10/22/2005 11:46:03 AM
1 10/22/2005 11:47:54 AM
1 10/22/2005 11:48:24 AM
1 10/22/2005 11:49:37 AM
1 10/22/2005 11:49:37 AM
1 10/22/2005 11:50:01 AM
1 10/22/2005 11:50:01 AM
1 10/22/2005 11:50:02 AM
1 10/22/2005 11:52:06 AM
1 10/22/2005 11:52:14 AM
1 10/22/2005 11:52:15 AM
1 10/22/2005 11:52:27 AM
1 10/22/2005 11:52:28 AM
1 10/22/2005 11:53:56 AM
1 10/22/2005 11:53:56 AM
1 10/22/2005 11:53:57 AM
1 10/22/2005 11:56:50 AM
1 10/22/2005 11:56:50 AM
1 10/22/2005 11:57:40 AM
1 10/22/2005 11:59:16 AM
1 10/22/2005 11:59:17 AM
1 10/22/2005 11:59:17 AM
1 10/22/2005 12:04:17 PM
1 10/22/2005 12:04:17 PM
1 10/22/2005 12:04:17 PM
1 10/22/2005 12:06:33 PM
1 10/22/2005 12:06:36 PM
1 10/22/2005 12:06:36 PM
1 10/22/2005 12:06:36 PM
1 10/22/2005 12:06:36 PM
1 10/22/2005 12:07:14 PM
1 10/22/2005 12:07:14 PM
1 10/22/2005 12:07:15 PM
1 10/22/2005 12:08:00 PM
1 10/22/2005 12:08:00 PM
1 10/22/2005 12:08:00 PM
1 10/22/2005 12:08:00 PM
1 10/22/2005 12:08:08 PM
1 10/22/2005 12:08:09 PM
1 10/22/2005 12:09:44 PM
1 10/22/2005 12:09:44 PM
1 10/22/2005 12:09:45 PM
1 10/22/2005 12:10:50 PM
1 10/22/2005 12:10:50 PM
1 10/22/2005 12:10:50 PM
1 10/22/2005 12:12:21 PM
1 10/22/2005 12:12:22 PM
1 10/22/2005 12:12:54 PM
1 10/22/2005 12:12:54 PM
1 10/22/2005 12:17:15 PM
1 10/22/2005 12:17:16 PM
1 10/22/2005 12:17:35 PM
1 10/22/2005 12:21:42 PM
1 10/22/2005 12:21:43 PM
1 10/22/2005 12:24:34 PM
1 10/22/2005 12:25:58 PM
1 10/22/2005 12:26:56 PM
1 10/22/2005 12:26:57 PM
1 10/22/2005 12:29:00 PM
1 10/22/2005 12:29:00 PM
1 10/22/2005 12:29:01 PM
1 10/22/2005 12:30:30 PM
1 10/22/2005 12:30:30 PM
1 10/22/2005 12:30:46 PM
1 10/22/2005 12:30:47 PM
1 10/22/2005 12:31:56 PM
1 10/22/2005 12:31:56 PM
1 10/22/2005 12:31:56 PM
1 10/22/2005 12:34:06 PM
1 10/22/2005 12:34:06 PM
1 10/22/2005 12:34:06 PM
1 10/22/2005 12:34:06 PM
1 10/22/2005 12:34:06 PM
1 10/22/2005 12:35:20 PM
1 10/22/2005 12:35:20 PM
1 10/22/2005 12:36:41 PM
1 10/22/2005 12:36:42 PM
1 10/22/2005 12:36:56 PM
1 10/22/2005 12:36:56 PM
1 10/22/2005 12:37:23 PM
1 10/22/2005 12:37:32 PM
1 10/22/2005 12:37:32 PM
1 10/22/2005 12:37:45 PM
1 10/22/2005 12:37:46 PM
1 10/22/2005 12:39:25 PM
1 10/22/2005 12:39:26 PM
1 10/22/2005 12:39:42 PM
1 10/22/2005 12:39:49 PM
1 10/22/2005 12:39:56 PM
1 10/22/2005 12:39:56 PM
1 10/22/2005 12:43:00 PM
1 10/22/2005 12:43:00 PM
1 10/22/2005 12:46:47 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 12:46:58 PM
 1 10/22/2005 12:46:59 PM
 1 10/22/2005 12:47:40 PM
 1 10/22/2005 12:47:40 PM
 1 10/22/2005 12:51:28 PM
 1 10/22/2005 12:51:28 PM
 1 10/22/2005 12:52:10 PM
 1 10/22/2005 12:53:14 PM
 1 10/22/2005 12:53:14 PM
 1 10/22/2005 12:54:19 PM
 1 10/22/2005 12:54:19 PM
 1 10/22/2005 12:57:45 PM
 1 10/22/2005 12:57:45 PM
 1 10/22/2005 1:00:17 PM
 1 10/22/2005 1:00:17 PM
 1 10/22/2005 1:00:44 PM
 1 10/22/2005 1:00:45 PM
 1 10/22/2005 1:03:21 PM
 1 10/22/2005 1:03:21 PM
 1 10/22/2005 1:03:42 PM
 1 10/22/2005 1:09:54 PM
 1 10/22/2005 1:09:55 PM
 1 10/22/2005 1:12:18 PM
 1 10/22/2005 1:12:18 PM
 1 10/22/2005 1:12:18 PM
 1 10/22/2005 1:12:18 PM
 1 10/22/2005 1:12:53 PM
 1 10/22/2005 1:14:33 PM
 1 10/22/2005 1:14:34 PM
 1 10/22/2005 1:17:29 PM
 1 10/22/2005 1:17:30 PM
 1 10/22/2005 1:17:41 PM
 1 10/22/2005 1:18:41 PM
 1 10/22/2005 1:19:23 PM
 1 10/22/2005 1:19:23 PM
 1 10/22/2005 1:19:23 PM
 1 10/22/2005 1:21:39 PM
 1 10/22/2005 1:21:39 PM
 1 10/22/2005 1:23:19 PM
 1 10/22/2005 1:23:19 PM
 1 10/22/2005 1:24:11 PM
 1 10/22/2005 1:24:11 PM
 1 10/22/2005 1:24:18 PM
 1 10/22/2005 1:26:26 PM
 1 10/22/2005 1:26:27 PM
 1 10/22/2005 1:26:27 PM
 1 10/22/2005 1:28:18 PM
 1 10/22/2005 1:29:19 PM
 1 10/22/2005 1:29:20 PM
 1 10/22/2005 1:31:05 PM
 1 10/22/2005 1:31:05 PM
 1 10/22/2005 1:31:56 PM
 1 10/22/2005 1:31:56 PM
 1 10/22/2005 1:34:27 PM
 1 10/22/2005 1:36:08 PM
 1 10/22/2005 1:36:08 PM
 1 10/22/2005 1:37:12 PM
 1 10/22/2005 1:37:12 PM
 1 10/22/2005 1:38:12 PM
 1 10/22/2005 1:38:13 PM
 1 10/22/2005 1:38:19 PM
 1 10/22/2005 1:38:35 PM
 1 10/22/2005 1:38:36 PM
 1 10/22/2005 1:41:52 PM
 1 10/22/2005 1:41:52 PM
 1 10/22/2005 1:41:52 PM
 1 10/22/2005 1:51:52 PM
 1 10/22/2005 1:51:52 PM
 1 10/22/2005 1:53:03 PM
 1 10/22/2005 1:53:04 PM
 1 10/22/2005 1:55:38 PM
 1 10/22/2005 1:55:38 PM
 1 10/22/2005 1:55:38 PM
 1 10/22/2005 1:55:38 PM
 1 10/22/2005 1:55:38 PM
 1 10/22/2005 1:55:42 PM
 1 10/22/2005 1:55:43 PM
 1 10/22/2005 1:57:02 PM
 1 10/22/2005 1:57:31 PM
 1 10/22/2005 1:57:46 PM
 1 10/22/2005 1:59:21 PM
 1 10/22/2005 1:59:21 PM
 1 10/22/2005 2:00:45 PM
 1 10/22/2005 2:01:00 PM
 1 10/22/2005 2:01:01 PM
 1 10/22/2005 2:01:56 PM
 1 10/22/2005 2:01:56 PM
 1 10/22/2005 2:01:59 PM
 1 10/22/2005 2:02:00 PM
 1 10/22/2005 2:06:10 PM
 1 10/22/2005 2:08:32 PM
 1 10/22/2005 2:08:32 PM
 1 10/22/2005 2:09:25 PM
 1 10/22/2005 2:09:26 PM
 1 10/22/2005 2:10:11 PM
 1 10/22/2005 2:10:12 PM
 1 10/22/2005 2:10:41 PM
 1 10/22/2005 2:10:41 PM
 1 10/22/2005 2:10:55 PM
 1 10/22/2005 2:10:55 PM
 1 10/22/2005 2:16:22 PM
 1 10/22/2005 2:16:22 PM
 1 10/22/2005 2:17:30 PM
 1 10/22/2005 2:17:31 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 2:18:47 PM
1 10/22/2005 2:18:48 PM
1 10/22/2005 2:19:05 PM
1 10/22/2005 2:22:27 PM
1 10/22/2005 2:26:27 PM
1 10/22/2005 2:26:28 PM
1 10/22/2005 2:27:56 PM
1 10/22/2005 2:27:57 PM
1 10/22/2005 2:29:55 PM
1 10/22/2005 2:29:55 PM
1 10/22/2005 2:30:23 PM
1 10/22/2005 2:30:24 PM
1 10/22/2005 2:31:14 PM
1 10/22/2005 2:31:14 PM
1 10/22/2005 2:31:21 PM
1 10/22/2005 2:33:04 PM
1 10/22/2005 2:33:05 PM
1 10/22/2005 2:34:42 PM
1 10/22/2005 2:34:42 PM
1 10/22/2005 2:36:01 PM
1 10/22/2005 2:36:01 PM
1 10/22/2005 2:38:01 PM
1 10/22/2005 2:38:01 PM
1 10/22/2005 2:38:55 PM
1 10/22/2005 2:38:56 PM
1 10/22/2005 2:39:08 PM
1 10/22/2005 2:39:08 PM
1 10/22/2005 2:39:08 PM
1 10/22/2005 2:42:42 PM
1 10/22/2005 2:47:15 PM
1 10/22/2005 2:47:16 PM
1 10/22/2005 2:47:16 PM
1 10/22/2005 2:47:33 PM
1 10/22/2005 2:47:34 PM
1 10/22/2005 2:47:55 PM
1 10/22/2005 2:47:56 PM
1 10/22/2005 2:48:48 PM
1 10/22/2005 2:48:48 PM
1 10/22/2005 2:50:17 PM
1 10/22/2005 2:50:17 PM
1 10/22/2005 2:50:18 PM
1 10/22/2005 2:50:18 PM
1 10/22/2005 3:00:54 PM
1 10/22/2005 3:07:13 PM
1 10/22/2005 3:07:13 PM
1 10/22/2005 3:08:03 PM
1 10/22/2005 3:08:03 PM
1 10/22/2005 3:08:38 PM
1 10/22/2005 3:08:39 PM
1 10/22/2005 3:09:54 PM
1 10/22/2005 3:09:54 PM
1 10/22/2005 3:11:36 PM
1 10/22/2005 3:11:37 PM
1 10/22/2005 3:13:25 PM
1 10/22/2005 3:13:25 PM
1 10/22/2005 3:18:20 PM
1 10/22/2005 3:18:21 PM
1 10/22/2005 3:18:21 PM
1 10/22/2005 3:19:59 PM
1 10/22/2005 3:19:59 PM
1 10/22/2005 3:22:10 PM
1 10/22/2005 3:22:10 PM
1 10/22/2005 3:22:10 PM
1 10/22/2005 3:22:10 PM
1 10/22/2005 3:29:21 PM
1 10/22/2005 3:29:21 PM
1 10/22/2005 3:30:20 PM
1 10/22/2005 3:30:20 PM
1 10/22/2005 3:30:20 PM
1 10/22/2005 3:32:36 PM
1 10/22/2005 3:32:36 PM
1 10/22/2005 3:34:56 PM
1 10/22/2005 3:34:57 PM
1 10/22/2005 3:35:02 PM
1 10/22/2005 3:35:03 PM
1 10/22/2005 3:35:03 PM
1 10/22/2005 3:35:19 PM
1 10/22/2005 3:35:20 PM
1 10/22/2005 3:37:36 PM
1 10/22/2005 3:37:37 PM
1 10/22/2005 3:37:37 PM
1 10/22/2005 3:38:23 PM
1 10/22/2005 3:38:23 PM
1 10/22/2005 3:38:40 PM
1 10/22/2005 3:38:40 PM
1 10/22/2005 3:38:48 PM
1 10/22/2005 3:38:48 PM
1 10/22/2005 3:39:53 PM
1 10/22/2005 3:39:54 PM
1 10/22/2005 3:40:00 PM
1 10/22/2005 3:40:01 PM
1 10/22/2005 3:43:50 PM
1 10/22/2005 3:43:50 PM
1 10/22/2005 3:47:33 PM
1 10/22/2005 3:47:33 PM
1 10/22/2005 3:47:33 PM
1 10/22/2005 3:47:45 PM
1 10/22/2005 3:47:46 PM
1 10/22/2005 3:47:53 PM
1 10/22/2005 3:47:54 PM
1 10/22/2005 3:48:06 PM
1 10/22/2005 3:48:06 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 3:48:46 PM
 1 10/22/2005 3:48:46 PM
 1 10/22/2005 3:52:39 PM
 1 10/22/2005 3:52:39 PM
 1 10/22/2005 3:52:39 PM
 1 10/22/2005 3:56:08 PM
 1 10/22/2005 3:56:08 PM
 1 10/22/2005 3:58:08 PM
 1 10/22/2005 3:58:08 PM
 1 10/22/2005 3:58:08 PM
 1 10/22/2005 3:58:08 PM
 1 10/22/2005 3:58:30 PM
 1 10/22/2005 3:58:30 PM
 1 10/22/2005 3:58:30 PM
 1 10/22/2005 4:01:35 PM
 1 10/22/2005 4:01:35 PM
 1 10/22/2005 4:04:10 PM
 1 10/22/2005 4:04:28 PM
 1 10/22/2005 4:04:33 PM
 1 10/22/2005 4:10:05 PM
 1 10/22/2005 4:10:05 PM
 1 10/22/2005 4:10:09 PM
 1 10/22/2005 4:10:09 PM
 1 10/22/2005 4:10:09 PM
 1 10/22/2005 4:10:42 PM
 1 10/22/2005 4:10:43 PM
 1 10/22/2005 4:11:50 PM
 1 10/22/2005 4:12:53 PM
 1 10/22/2005 4:12:54 PM
 1 10/22/2005 4:15:01 PM
 1 10/22/2005 4:15:09 PM
 1 10/22/2005 4:15:09 PM
 1 10/22/2005 4:16:10 PM
 1 10/22/2005 4:16:39 PM
 1 10/22/2005 4:16:40 PM
 1 10/22/2005 4:16:53 PM
 1 10/22/2005 4:16:53 PM
 1 10/22/2005 4:18:09 PM
 1 10/22/2005 4:18:10 PM
 1 10/22/2005 4:20:27 PM
 1 10/22/2005 4:20:27 PM
 1 10/22/2005 4:22:01 PM
 1 10/22/2005 4:26:15 PM
 1 10/22/2005 4:26:15 PM
 1 10/22/2005 4:27:31 PM
 1 10/22/2005 4:27:31 PM
 1 10/22/2005 4:30:58 PM
 1 10/22/2005 4:30:59 PM
 1 10/22/2005 4:33:52 PM
 1 10/22/2005 4:34:56 PM
 1 10/22/2005 4:34:56 PM
 1 10/22/2005 4:35:25 PM
 1 10/22/2005 4:35:25 PM
 1 10/22/2005 4:36:15 PM
 1 10/22/2005 4:36:16 PM
 1 10/22/2005 4:37:01 PM
 1 10/22/2005 4:40:05 PM
 1 10/22/2005 4:40:05 PM
 1 10/22/2005 4:40:05 PM
 1 10/22/2005 4:41:16 PM
 1 10/22/2005 4:41:17 PM
 1 10/22/2005 4:42:16 PM
 1 10/22/2005 4:45:56 PM
 1 10/22/2005 4:45:57 PM
 1 10/22/2005 4:47:08 PM
 1 10/22/2005 4:47:08 PM
 1 10/22/2005 4:47:56 PM
 1 10/22/2005 4:47:56 PM
 1 10/22/2005 4:47:57 PM
 1 10/22/2005 4:51:13 PM
 1 10/22/2005 4:51:13 PM
 1 10/22/2005 4:52:15 PM
 1 10/22/2005 4:52:16 PM
 1 10/22/2005 4:53:08 PM
 1 10/22/2005 4:53:08 PM
 1 10/22/2005 4:53:15 PM
 1 10/22/2005 4:53:31 PM
 1 10/22/2005 4:53:31 PM
 1 10/22/2005 4:54:25 PM
 1 10/22/2005 4:54:26 PM
 1 10/22/2005 4:54:26 PM
 1 10/22/2005 4:57:13 PM
 1 10/22/2005 4:57:14 PM
 1 10/22/2005 4:57:14 PM
 1 10/22/2005 5:03:12 PM
 1 10/22/2005 5:03:13 PM
 1 10/22/2005 5:03:42 PM
 1 10/22/2005 5:03:43 PM
 1 10/22/2005 5:04:06 PM
 1 10/22/2005 5:04:07 PM
 1 10/22/2005 5:04:55 PM
 1 10/22/2005 5:05:26 PM
 1 10/22/2005 5:05:27 PM
 1 10/22/2005 5:06:23 PM
 1 10/22/2005 5:06:24 PM
 1 10/22/2005 5:06:48 PM
 1 10/22/2005 5:06:49 PM
 1 10/22/2005 5:09:34 PM
 1 10/22/2005 5:09:34 PM
 1 10/22/2005 5:11:14 PM
 1 10/22/2005 5:11:14 PM
 1 10/22/2005 5:11:15 PM
 1 10/22/2005 5:11:47 PM
 1 10/22/2005 5:11:47 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 5:11:53 PM
 1 10/22/2005 5:11:53 PM
 1 10/22/2005 5:12:14 PM
 1 10/22/2005 5:12:14 PM
 1 10/22/2005 5:12:14 PM
 1 10/22/2005 5:14:50 PM
 1 10/22/2005 5:17:28 PM
 1 10/22/2005 5:17:28 PM
 1 10/22/2005 5:17:51 PM
 1 10/22/2005 5:17:51 PM
 1 10/22/2005 5:17:52 PM
 1 10/22/2005 5:18:25 PM
 1 10/22/2005 5:18:25 PM
 1 10/22/2005 5:18:25 PM
 1 10/22/2005 5:18:25 PM
 1 10/22/2005 5:18:25 PM
 1 10/22/2005 5:20:30 PM
 1 10/22/2005 5:20:30 PM
 1 10/22/2005 5:20:30 PM
 1 10/22/2005 5:20:30 PM
 1 10/22/2005 5:20:55 PM
 1 10/22/2005 5:20:55 PM
 1 10/22/2005 5:28:52 PM
 1 10/22/2005 5:30:47 PM
 1 10/22/2005 5:30:48 PM
 1 10/22/2005 5:31:54 PM
 1 10/22/2005 5:31:54 PM
 1 10/22/2005 5:32:49 PM
 1 10/22/2005 5:32:49 PM
 1 10/22/2005 5:32:50 PM
 1 10/22/2005 5:35:02 PM
 1 10/22/2005 5:35:03 PM
 1 10/22/2005 5:39:11 PM
 1 10/22/2005 5:39:12 PM
 1 10/22/2005 5:41:33 PM
 1 10/22/2005 5:41:33 PM
 1 10/22/2005 5:42:11 PM
 1 10/22/2005 5:42:11 PM
 1 10/22/2005 5:44:45 PM
 1 10/22/2005 5:44:46 PM
 1 10/22/2005 5:46:24 PM
 1 10/22/2005 5:46:24 PM
 1 10/22/2005 5:47:24 PM
 1 10/22/2005 5:47:25 PM
 1 10/22/2005 5:47:45 PM
 1 10/22/2005 5:47:46 PM
 1 10/22/2005 5:49:15 PM
 1 10/22/2005 5:49:15 PM
 1 10/22/2005 5:49:15 PM
 1 10/22/2005 5:49:15 PM
 1 10/22/2005 5:49:50 PM
 1 10/22/2005 5:51:03 PM
 1 10/22/2005 5:51:03 PM
 1 10/22/2005 5:51:06 PM
 1 10/22/2005 5:51:06 PM
 1 10/22/2005 5:51:06 PM
 1 10/22/2005 5:51:29 PM
 1 10/22/2005 5:53:56 PM
 1 10/22/2005 5:53:57 PM
 1 10/22/2005 5:53:57 PM
 1 10/22/2005 5:54:55 PM
 1 10/22/2005 5:56:02 PM
 1 10/22/2005 5:56:03 PM
 1 10/22/2005 5:56:50 PM
 1 10/22/2005 5:56:51 PM
 1 10/22/2005 5:57:02 PM
 1 10/22/2005 5:57:02 PM
 1 10/22/2005 5:59:00 PM
 1 10/22/2005 5:59:00 PM
 1 10/22/2005 5:59:00 PM
 1 10/22/2005 6:00:53 PM
 1 10/22/2005 6:00:53 PM
 1 10/22/2005 6:01:09 PM
 1 10/22/2005 6:01:10 PM
 1 10/22/2005 6:02:38 PM
 1 10/22/2005 6:02:39 PM
 1 10/22/2005 6:04:39 PM
 1 10/22/2005 6:09:29 PM
 1 10/22/2005 6:09:29 PM
 1 10/22/2005 6:09:29 PM
 1 10/22/2005 6:11:35 PM
 1 10/22/2005 6:11:36 PM
 1 10/22/2005 6:12:18 PM
 1 10/22/2005 6:12:18 PM
 1 10/22/2005 6:13:39 PM
 1 10/22/2005 6:13:39 PM
 1 10/22/2005 6:14:29 PM
 1 10/22/2005 6:14:29 PM
 1 10/22/2005 6:14:38 PM
 1 10/22/2005 6:14:39 PM
 1 10/22/2005 6:16:18 PM
 1 10/22/2005 6:16:19 PM
 1 10/22/2005 6:16:19 PM
 1 10/22/2005 6:16:19 PM
 1 10/22/2005 6:18:42 PM
 1 10/22/2005 6:18:43 PM
 1 10/22/2005 6:34:24 PM
 1 10/22/2005 6:34:25 PM
 1 10/22/2005 6:36:07 PM
 1 10/22/2005 6:36:08 PM
 1 10/22/2005 6:36:49 PM
 1 10/22/2005 6:36:49 PM
 1 10/22/2005 6:41:56 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 6:41:57 PM
 1 10/22/2005 6:41:57 PM
 1 10/22/2005 6:44:00 PM
 1 10/22/2005 6:44:01 PM
 1 10/22/2005 6:44:23 PM
 1 10/22/2005 6:44:24 PM
 1 10/22/2005 6:44:37 PM
 1 10/22/2005 6:44:37 PM
 1 10/22/2005 6:44:42 PM
 1 10/22/2005 6:44:42 PM
 1 10/22/2005 6:45:42 PM
 1 10/22/2005 6:49:52 PM
 1 10/22/2005 6:49:52 PM
 1 10/22/2005 6:55:54 PM
 1 10/22/2005 6:59:08 PM
 1 10/22/2005 6:59:08 PM
 1 10/22/2005 6:59:39 PM
 1 10/22/2005 6:59:40 PM
 1 10/22/2005 7:01:52 PM
 1 10/22/2005 7:01:52 PM
 1 10/22/2005 7:01:53 PM
 1 10/22/2005 7:09:33 PM
 1 10/22/2005 7:09:34 PM
 1 10/22/2005 7:18:14 PM
 1 10/22/2005 7:18:14 PM
 1 10/22/2005 7:18:22 PM
 1 10/22/2005 7:18:22 PM
 1 10/22/2005 7:22:57 PM
 1 10/22/2005 7:22:58 PM
 1 10/22/2005 7:22:58 PM
 1 10/22/2005 7:43:31 PM
 1 10/22/2005 7:43:50 PM
 1 10/22/2005 7:43:50 PM
 1 10/22/2005 7:43:50 PM
 1 10/22/2005 7:43:50 PM
 1 10/22/2005 7:47:07 PM
 1 10/22/2005 7:47:08 PM
 1 10/22/2005 7:48:20 PM
 1 10/22/2005 7:48:20 PM
 1 10/22/2005 7:50:57 PM
 1 10/22/2005 7:50:58 PM
 1 10/22/2005 7:53:01 PM
 1 10/22/2005 7:53:01 PM
 1 10/22/2005 7:56:41 PM
 1 10/22/2005 7:56:42 PM
 1 10/22/2005 8:00:43 PM
 1 10/22/2005 8:00:43 PM
 1 10/22/2005 8:05:07 PM
 1 10/22/2005 8:05:08 PM
 1 10/22/2005 8:10:23 PM
 1 10/22/2005 8:10:23 PM
 1 10/22/2005 8:13:26 PM
 1 10/22/2005 8:13:27 PM
 1 10/22/2005 8:15:43 PM
 1 10/22/2005 8:15:44 PM
 1 10/22/2005 8:16:17 PM
 1 10/22/2005 8:16:18 PM
 1 10/22/2005 8:24:14 PM
 1 10/22/2005 8:24:14 PM
 1 10/22/2005 8:28:05 PM
 1 10/22/2005 8:28:05 PM
 1 10/22/2005 8:35:27 PM
 1 10/22/2005 8:35:28 PM
 1 10/22/2005 8:38:08 PM
 1 10/22/2005 8:38:08 PM
 1 10/22/2005 8:38:08 PM
 1 10/22/2005 8:38:08 PM
 1 10/22/2005 8:45:18 PM
 1 10/22/2005 8:45:18 PM
 1 10/22/2005 8:47:02 PM
 1 10/22/2005 8:47:03 PM
 1 10/22/2005 8:54:11 PM
 1 10/22/2005 8:54:11 PM
 1 10/22/2005 8:54:11 PM
 1 10/22/2005 8:54:29 PM
 1 10/22/2005 8:54:29 PM
 1 10/22/2005 9:05:21 PM
 1 10/22/2005 9:05:21 PM
 1 10/22/2005 9:05:22 PM
 1 10/22/2005 9:08:12 PM
 1 10/22/2005 9:08:12 PM
 1 10/22/2005 9:11:56 PM
 1 10/22/2005 9:11:59 PM
 1 10/22/2005 9:11:59 PM
 1 10/22/2005 9:13:26 PM
 1 10/22/2005 9:13:26 PM
 1 10/22/2005 9:19:13 PM
 1 10/22/2005 9:19:13 PM
 1 10/22/2005 9:23:38 PM
 1 10/22/2005 9:23:38 PM
 1 10/22/2005 9:23:52 PM
 1 10/22/2005 9:23:52 PM
 1 10/22/2005 9:24:16 PM
 1 10/22/2005 9:24:16 PM
 1 10/22/2005 9:24:16 PM
 1 10/22/2005 9:25:06 PM
 1 10/22/2005 9:25:07 PM
 1 10/22/2005 9:25:12 PM
 1 10/22/2005 9:25:13 PM
 1 10/22/2005 9:27:53 PM
 1 10/22/2005 9:27:53 PM
 1 10/22/2005 9:28:47 PM
 1 10/22/2005 9:28:47 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/22/2005 9:28:48 PM
1 10/22/2005 9:28:48 PM
1 10/22/2005 9:37:37 PM
1 10/22/2005 9:37:37 PM
1 10/22/2005 9:39:58 PM
1 10/22/2005 9:39:58 PM
1 10/22/2005 9:39:58 PM
1 10/22/2005 10:06:54 PM
1 10/22/2005 10:15:34 PM
1 10/22/2005 10:15:34 PM
1 10/22/2005 10:17:26 PM
1 10/22/2005 10:17:26 PM
1 10/22/2005 10:19:00 PM
1 10/22/2005 10:19:00 PM
1 10/22/2005 10:19:00 PM
1 10/22/2005 10:19:00 PM
1 10/22/2005 10:21:06 PM
1 10/22/2005 10:21:07 PM
1 10/22/2005 10:21:26 PM
1 10/22/2005 10:21:26 PM
1 10/22/2005 10:21:26 PM
1 10/22/2005 10:21:26 PM
1 10/22/2005 10:23:19 PM
1 10/22/2005 10:23:19 PM
1 10/22/2005 10:34:33 PM
1 10/22/2005 10:34:33 PM
1 10/22/2005 10:36:36 PM
1 10/22/2005 10:36:37 PM
1 10/22/2005 11:06:53 PM
1 10/22/2005 11:06:53 PM
1 10/22/2005 11:06:55 PM
1 10/22/2005 11:06:55 PM
1 10/22/2005 11:06:56 PM
1 10/22/2005 11:06:56 PM
1 10/22/2005 11:15:20 PM
1 10/22/2005 11:15:21 PM
1 10/22/2005 11:29:58 PM
1 10/22/2005 11:29:58 PM
1 10/22/2005 11:31:05 PM
1 10/22/2005 11:49:08 PM
1 10/22/2005 11:49:08 PM

465 Divide axle counts by 2

1 10/23/2005 12:08:17 AM
1 10/23/2005 12:08:18 AM
1 10/23/2005 12:14:38 AM
1 10/23/2005 12:14:38 AM
1 10/23/2005 12:14:38 AM
1 10/23/2005 12:14:38 AM
1 10/23/2005 12:14:38 AM
1 10/23/2005 2:50:59 AM
1 10/23/2005 2:50:59 AM
1 10/23/2005 4:43:25 AM
1 10/23/2005 4:43:25 AM
1 10/23/2005 4:43:25 AM
1 10/23/2005 4:43:25 AM
1 10/23/2005 6:54:12 AM
1 10/23/2005 6:54:12 AM
1 10/23/2005 6:54:12 AM
1 10/23/2005 6:54:12 AM
1 10/23/2005 7:19:36 AM
1 10/23/2005 7:19:36 AM
1 10/23/2005 7:27:15 AM
1 10/23/2005 7:27:16 AM
1 10/23/2005 7:33:51 AM
1 10/23/2005 7:33:51 AM
1 10/23/2005 7:36:41 AM
1 10/23/2005 7:36:41 AM
1 10/23/2005 7:54:44 AM
1 10/23/2005 7:54:48 AM
1 10/23/2005 7:56:09 AM
1 10/23/2005 7:56:09 AM
1 10/23/2005 7:57:05 AM
1 10/23/2005 7:57:05 AM
1 10/23/2005 7:57:05 AM
1 10/23/2005 7:57:05 AM
1 10/23/2005 7:58:03 AM
1 10/23/2005 7:58:03 AM
1 10/23/2005 8:05:41 AM
1 10/23/2005 8:05:41 AM
1 10/23/2005 8:10:09 AM
1 10/23/2005 8:10:09 AM
1 10/23/2005 8:11:06 AM
1 10/23/2005 8:11:06 AM
1 10/23/2005 8:16:28 AM
1 10/23/2005 8:17:06 AM
1 10/23/2005 8:22:18 AM
1 10/23/2005 8:22:18 AM
1 10/23/2005 8:24:37 AM
1 10/23/2005 8:24:37 AM
1 10/23/2005 8:28:44 AM
1 10/23/2005 8:28:45 AM
1 10/23/2005 8:33:31 AM
1 10/23/2005 8:33:31 AM
1 10/23/2005 8:33:32 AM
1 10/23/2005 8:33:32 AM
1 10/23/2005 8:35:39 AM
1 10/23/2005 8:35:39 AM
1 10/23/2005 8:36:23 AM
1 10/23/2005 8:36:34 AM
1 10/23/2005 8:36:34 AM
1 10/23/2005 8:39:50 AM
1 10/23/2005 8:39:51 AM
1 10/23/2005 8:42:09 AM
1 10/23/2005 8:42:09 AM
1 10/23/2005 8:44:11 AM
1 10/23/2005 8:44:11 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 8:53:03 AM
 1 10/23/2005 8:53:04 AM
 1 10/23/2005 8:55:47 AM
 1 10/23/2005 8:55:47 AM
 1 10/23/2005 8:55:47 AM
 1 10/23/2005 8:55:50 AM
 1 10/23/2005 8:58:13 AM
 1 10/23/2005 9:00:46 AM
 1 10/23/2005 9:00:46 AM
 1 10/23/2005 9:01:40 AM
 1 10/23/2005 9:01:40 AM
 1 10/23/2005 9:01:40 AM
 1 10/23/2005 9:04:16 AM
 1 10/23/2005 9:04:17 AM
 1 10/23/2005 9:07:10 AM
 1 10/23/2005 9:07:11 AM
 1 10/23/2005 9:09:13 AM
 1 10/23/2005 9:11:18 AM
 1 10/23/2005 9:11:19 AM
 1 10/23/2005 9:18:15 AM
 1 10/23/2005 9:18:16 AM
 1 10/23/2005 9:21:18 AM
 1 10/23/2005 9:21:18 AM
 1 10/23/2005 9:24:44 AM
 1 10/23/2005 9:24:45 AM
 1 10/23/2005 9:25:31 AM
 1 10/23/2005 9:26:51 AM
 1 10/23/2005 9:28:35 AM
 1 10/23/2005 9:28:36 AM
 1 10/23/2005 9:29:51 AM
 1 10/23/2005 9:29:51 AM
 1 10/23/2005 9:33:17 AM
 1 10/23/2005 9:33:17 AM
 1 10/23/2005 9:33:59 AM
 1 10/23/2005 9:33:59 AM
 1 10/23/2005 9:38:35 AM
 1 10/23/2005 9:42:46 AM
 1 10/23/2005 9:42:47 AM
 1 10/23/2005 9:44:09 AM
 1 10/23/2005 9:44:10 AM
 1 10/23/2005 9:45:49 AM
 1 10/23/2005 9:45:50 AM
 1 10/23/2005 9:52:20 AM
 1 10/23/2005 9:53:12 AM
 1 10/23/2005 9:53:13 AM
 1 10/23/2005 9:54:46 AM
 1 10/23/2005 9:54:46 AM
 1 10/23/2005 9:57:20 AM
 1 10/23/2005 9:58:14 AM
 1 10/23/2005 9:58:15 AM
 1 10/23/2005 10:01:38 AM
 1 10/23/2005 10:01:38 AM
 1 10/23/2005 10:01:39 AM
 1 10/23/2005 10:01:39 AM
 1 10/23/2005 10:02:41 AM
 1 10/23/2005 10:02:42 AM
 1 10/23/2005 10:04:50 AM
 1 10/23/2005 10:05:17 AM
 1 10/23/2005 10:05:17 AM
 1 10/23/2005 10:05:17 AM
 1 10/23/2005 10:06:05 AM
 1 10/23/2005 10:06:05 AM
 1 10/23/2005 10:08:35 AM
 1 10/23/2005 10:08:35 AM
 1 10/23/2005 10:08:45 AM
 1 10/23/2005 10:08:45 AM
 1 10/23/2005 10:10:44 AM
 1 10/23/2005 10:10:44 AM
 1 10/23/2005 10:11:48 AM
 1 10/23/2005 10:11:48 AM
 1 10/23/2005 10:12:43 AM
 1 10/23/2005 10:13:28 AM
 1 10/23/2005 10:13:29 AM
 1 10/23/2005 10:15:27 AM
 1 10/23/2005 10:15:27 AM
 1 10/23/2005 10:18:54 AM
 1 10/23/2005 10:18:54 AM
 1 10/23/2005 10:18:54 AM
 1 10/23/2005 10:19:33 AM
 1 10/23/2005 10:19:34 AM
 1 10/23/2005 10:19:37 AM
 1 10/23/2005 10:21:57 AM
 1 10/23/2005 10:21:58 AM
 1 10/23/2005 10:21:58 AM
 1 10/23/2005 10:21:58 AM
 1 10/23/2005 10:22:25 AM
 1 10/23/2005 10:22:25 AM
 1 10/23/2005 10:22:35 AM
 1 10/23/2005 10:22:36 AM
 1 10/23/2005 10:23:26 AM
 1 10/23/2005 10:23:27 AM
 1 10/23/2005 10:25:18 AM
 1 10/23/2005 10:25:18 AM
 1 10/23/2005 10:28:31 AM
 1 10/23/2005 10:28:33 AM
 1 10/23/2005 10:28:34 AM
 1 10/23/2005 10:28:38 AM
 1 10/23/2005 10:30:02 AM
 1 10/23/2005 10:30:02 AM
 1 10/23/2005 10:32:06 AM
 1 10/23/2005 10:32:07 AM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 10:38:15 AM
1 10/23/2005 10:38:16 AM
1 10/23/2005 10:39:48 AM
1 10/23/2005 10:39:48 AM
1 10/23/2005 10:40:00 AM
1 10/23/2005 10:40:24 AM
1 10/23/2005 10:40:25 AM
1 10/23/2005 10:44:14 AM
1 10/23/2005 10:44:15 AM
1 10/23/2005 10:46:16 AM
1 10/23/2005 10:46:35 AM
1 10/23/2005 10:46:35 AM
1 10/23/2005 10:46:35 AM
1 10/23/2005 10:47:01 AM
1 10/23/2005 10:47:01 AM
1 10/23/2005 10:47:01 AM
1 10/23/2005 10:50:17 AM
1 10/23/2005 10:50:18 AM
1 10/23/2005 10:50:18 AM
1 10/23/2005 10:50:18 AM
1 10/23/2005 10:58:11 AM
1 10/23/2005 10:58:11 AM
1 10/23/2005 10:58:03 AM
1 10/23/2005 11:02:14 AM
1 10/23/2005 11:02:15 AM
1 10/23/2005 11:05:46 AM
1 10/23/2005 11:05:46 AM
1 10/23/2005 11:07:18 AM
1 10/23/2005 11:07:18 AM
1 10/23/2005 11:11:30 AM
1 10/23/2005 11:12:36 AM
1 10/23/2005 11:12:36 AM
1 10/23/2005 11:16:03 AM
1 10/23/2005 11:28:17 AM
1 10/23/2005 11:28:18 AM
1 10/23/2005 11:28:18 AM
1 10/23/2005 11:29:15 AM
1 10/23/2005 11:29:16 AM
1 10/23/2005 11:30:36 AM
1 10/23/2005 11:30:36 AM
1 10/23/2005 11:31:30 AM
1 10/23/2005 11:31:30 AM
1 10/23/2005 11:31:31 AM
1 10/23/2005 11:31:31 AM
1 10/23/2005 11:34:22 AM
1 10/23/2005 11:34:22 AM
1 10/23/2005 11:35:31 AM
1 10/23/2005 11:35:32 AM
1 10/23/2005 11:36:06 AM
1 10/23/2005 11:36:07 AM
1 10/23/2005 11:36:12 AM
1 10/23/2005 11:36:12 AM
1 10/23/2005 11:39:01 AM
1 10/23/2005 11:39:01 AM
1 10/23/2005 11:39:13 AM
1 10/23/2005 11:39:13 AM
1 10/23/2005 11:39:14 AM
1 10/23/2005 11:39:14 AM
1 10/23/2005 11:39:52 AM
1 10/23/2005 11:41:18 AM
1 10/23/2005 11:41:19 AM
1 10/23/2005 11:45:22 AM
1 10/23/2005 11:45:23 AM
1 10/23/2005 11:50:26 AM
1 10/23/2005 11:50:26 AM
1 10/23/2005 11:51:51 AM
1 10/23/2005 11:51:52 AM
1 10/23/2005 11:53:27 AM
1 10/23/2005 11:56:11 AM
1 10/23/2005 11:56:11 AM
1 10/23/2005 11:57:03 AM
1 10/23/2005 11:57:03 AM
1 10/23/2005 11:57:07 AM
1 10/23/2005 11:57:07 AM
1 10/23/2005 11:58:09 AM
1 10/23/2005 11:58:10 AM
1 10/23/2005 12:02:23 PM
1 10/23/2005 12:02:23 PM
1 10/23/2005 12:02:55 PM
1 10/23/2005 12:02:55 PM
1 10/23/2005 12:05:46 PM
1 10/23/2005 12:05:47 PM
1 10/23/2005 12:18:51 PM
1 10/23/2005 12:18:51 PM
1 10/23/2005 12:18:55 PM
1 10/23/2005 12:18:56 PM
1 10/23/2005 12:19:50 PM
1 10/23/2005 12:21:41 PM
1 10/23/2005 12:21:41 PM
1 10/23/2005 12:25:35 PM
1 10/23/2005 12:25:35 PM
1 10/23/2005 12:25:55 PM
1 10/23/2005 12:25:56 PM
1 10/23/2005 12:26:15 PM
1 10/23/2005 12:26:16 PM
1 10/23/2005 12:27:28 PM
1 10/23/2005 12:27:28 PM
1 10/23/2005 12:30:20 PM
1 10/23/2005 12:31:00 PM
1 10/23/2005 12:31:00 PM
1 10/23/2005 12:31:00 PM
1 10/23/2005 12:34:18 PM
1 10/23/2005 12:34:19 PM
1 10/23/2005 12:34:41 PM
1 10/23/2005 12:34:42 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 12:34:46 PM
 1 10/23/2005 12:34:46 PM
 1 10/23/2005 12:36:20 PM
 1 10/23/2005 12:36:21 PM
 1 10/23/2005 12:41:58 PM
 1 10/23/2005 12:41:58 PM
 1 10/23/2005 12:43:23 PM
 1 10/23/2005 12:44:22 PM
 1 10/23/2005 12:44:22 PM
 1 10/23/2005 12:46:07 PM
 1 10/23/2005 12:46:07 PM
 1 10/23/2005 12:50:36 PM
 1 10/23/2005 12:50:36 PM
 1 10/23/2005 12:52:04 PM
 1 10/23/2005 12:52:38 PM
 1 10/23/2005 12:52:39 PM
 1 10/23/2005 12:53:33 PM
 1 10/23/2005 1:05:16 PM
 1 10/23/2005 1:08:15 PM
 1 10/23/2005 1:10:33 PM
 1 10/23/2005 1:10:33 PM
 1 10/23/2005 1:11:27 PM
 1 10/23/2005 1:11:27 PM
 1 10/23/2005 1:12:27 PM
 1 10/23/2005 1:18:05 PM
 1 10/23/2005 1:22:31 PM
 1 10/23/2005 1:23:09 PM
 1 10/23/2005 1:23:10 PM
 1 10/23/2005 1:23:35 PM
 1 10/23/2005 1:23:50 PM
 1 10/23/2005 1:28:08 PM
 1 10/23/2005 1:28:08 PM
 1 10/23/2005 1:28:09 PM
 1 10/23/2005 1:29:27 PM
 1 10/23/2005 1:29:28 PM
 1 10/23/2005 1:31:31 PM
 1 10/23/2005 1:31:31 PM
 1 10/23/2005 1:35:05 PM
 1 10/23/2005 1:35:06 PM
 1 10/23/2005 1:35:50 PM
 1 10/23/2005 1:35:50 PM
 1 10/23/2005 1:38:37 PM
 1 10/23/2005 1:38:37 PM
 1 10/23/2005 1:40:33 PM
 1 10/23/2005 1:40:33 PM
 1 10/23/2005 1:41:37 PM
 1 10/23/2005 1:41:37 PM
 1 10/23/2005 1:41:38 PM
 1 10/23/2005 1:51:16 PM
 1 10/23/2005 1:51:16 PM
 1 10/23/2005 1:51:53 PM
 1 10/23/2005 1:51:53 PM
 1 10/23/2005 1:51:53 PM
 1 10/23/2005 1:54:26 PM
 1 10/23/2005 1:54:27 PM
 1 10/23/2005 1:56:59 PM
 1 10/23/2005 1:57:00 PM
 1 10/23/2005 1:57:44 PM
 1 10/23/2005 1:57:44 PM
 1 10/23/2005 2:01:19 PM
 1 10/23/2005 2:01:19 PM
 1 10/23/2005 2:03:13 PM
 1 10/23/2005 2:04:55 PM
 1 10/23/2005 2:04:56 PM
 1 10/23/2005 2:05:40 PM
 1 10/23/2005 2:05:51 PM
 1 10/23/2005 2:05:51 PM
 1 10/23/2005 2:09:56 PM
 1 10/23/2005 2:09:56 PM
 1 10/23/2005 2:13:12 PM
 1 10/23/2005 2:13:12 PM
 1 10/23/2005 2:13:31 PM
 1 10/23/2005 2:14:38 PM
 1 10/23/2005 2:14:38 PM
 1 10/23/2005 2:16:11 PM
 1 10/23/2005 2:16:12 PM
 1 10/23/2005 2:18:02 PM
 1 10/23/2005 2:18:02 PM
 1 10/23/2005 2:18:59 PM
 1 10/23/2005 2:19:00 PM
 1 10/23/2005 2:19:11 PM
 1 10/23/2005 2:20:43 PM
 1 10/23/2005 2:22:37 PM
 1 10/23/2005 2:22:38 PM
 1 10/23/2005 2:22:38 PM
 1 10/23/2005 2:26:06 PM
 1 10/23/2005 2:26:06 PM
 1 10/23/2005 2:27:17 PM
 1 10/23/2005 2:27:38 PM
 1 10/23/2005 2:27:38 PM
 1 10/23/2005 2:27:53 PM
 1 10/23/2005 2:28:30 PM
 1 10/23/2005 2:28:31 PM
 1 10/23/2005 2:28:35 PM
 1 10/23/2005 2:28:35 PM
 1 10/23/2005 2:30:09 PM
 1 10/23/2005 2:30:09 PM
 1 10/23/2005 2:30:24 PM
 1 10/23/2005 2:30:24 PM
 1 10/23/2005 2:33:12 PM
 1 10/23/2005 2:33:13 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 2:33:54 PM
 1 10/23/2005 2:33:55 PM
 1 10/23/2005 2:38:31 PM
 1 10/23/2005 2:38:31 PM
 1 10/23/2005 2:39:21 PM
 1 10/23/2005 2:39:21 PM
 1 10/23/2005 2:39:22 PM
 1 10/23/2005 2:41:11 PM
 1 10/23/2005 2:41:11 PM
 1 10/23/2005 2:42:00 PM
 1 10/23/2005 2:42:00 PM
 1 10/23/2005 2:42:00 PM
 1 10/23/2005 2:45:22 PM
 1 10/23/2005 2:45:23 PM
 1 10/23/2005 2:46:48 PM
 1 10/23/2005 2:47:45 PM
 1 10/23/2005 2:47:45 PM
 1 10/23/2005 2:47:46 PM
 1 10/23/2005 2:49:01 PM
 1 10/23/2005 2:49:16 PM
 1 10/23/2005 2:49:17 PM
 1 10/23/2005 2:51:37 PM
 1 10/23/2005 2:51:37 PM
 1 10/23/2005 2:51:37 PM
 1 10/23/2005 2:51:45 PM
 1 10/23/2005 2:52:32 PM
 1 10/23/2005 2:52:33 PM
 1 10/23/2005 2:58:53 PM
 1 10/23/2005 2:58:54 PM
 1 10/23/2005 3:02:09 PM
 1 10/23/2005 3:04:54 PM
 1 10/23/2005 3:04:54 PM
 1 10/23/2005 3:06:50 PM
 1 10/23/2005 3:06:51 PM
 1 10/23/2005 3:10:05 PM
 1 10/23/2005 3:10:06 PM
 1 10/23/2005 3:12:27 PM
 1 10/23/2005 3:12:28 PM
 1 10/23/2005 3:14:12 PM
 1 10/23/2005 3:14:26 PM
 1 10/23/2005 3:14:26 PM
 1 10/23/2005 3:17:38 PM
 1 10/23/2005 3:17:39 PM
 1 10/23/2005 3:17:40 PM
 1 10/23/2005 3:17:55 PM
 1 10/23/2005 3:18:00 PM
 1 10/23/2005 3:20:30 PM
 1 10/23/2005 3:20:31 PM
 1 10/23/2005 3:20:47 PM
 1 10/23/2005 3:20:48 PM
 1 10/23/2005 3:21:19 PM
 1 10/23/2005 3:21:20 PM
 1 10/23/2005 3:21:43 PM
 1 10/23/2005 3:22:04 PM
 1 10/23/2005 3:23:34 PM
 1 10/23/2005 3:23:35 PM
 1 10/23/2005 3:26:38 PM
 1 10/23/2005 3:26:38 PM
 1 10/23/2005 3:32:41 PM
 1 10/23/2005 3:32:42 PM
 1 10/23/2005 3:32:42 PM
 1 10/23/2005 3:34:35 PM
 1 10/23/2005 3:34:35 PM
 1 10/23/2005 3:34:57 PM
 1 10/23/2005 3:34:57 PM
 1 10/23/2005 3:36:31 PM
 1 10/23/2005 3:36:31 PM
 1 10/23/2005 3:36:31 PM
 1 10/23/2005 3:36:56 PM
 1 10/23/2005 3:36:57 PM
 1 10/23/2005 3:37:49 PM
 1 10/23/2005 3:38:51 PM
 1 10/23/2005 3:38:51 PM
 1 10/23/2005 3:39:03 PM
 1 10/23/2005 3:39:04 PM
 1 10/23/2005 3:40:49 PM
 1 10/23/2005 3:40:49 PM
 1 10/23/2005 3:40:49 PM
 1 10/23/2005 3:40:50 PM
 1 10/23/2005 3:40:54 PM
 1 10/23/2005 3:40:54 PM
 1 10/23/2005 3:42:05 PM
 1 10/23/2005 3:42:44 PM
 1 10/23/2005 3:43:58 PM
 1 10/23/2005 3:44:00 PM
 1 10/23/2005 3:44:00 PM
 1 10/23/2005 3:44:51 PM
 1 10/23/2005 3:44:51 PM
 1 10/23/2005 3:44:51 PM
 1 10/23/2005 3:44:51 PM
 1 10/23/2005 3:45:07 PM
 1 10/23/2005 3:45:07 PM
 1 10/23/2005 3:45:43 PM
 1 10/23/2005 3:45:44 PM
 1 10/23/2005 3:45:50 PM
 1 10/23/2005 3:45:58 PM
 1 10/23/2005 3:49:34 PM
 1 10/23/2005 3:49:35 PM
 1 10/23/2005 3:52:10 PM
 1 10/23/2005 3:52:10 PM
 1 10/23/2005 3:56:05 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 3:56:06 PM
1 10/23/2005 3:58:42 PM
1 10/23/2005 3:58:43 PM
1 10/23/2005 3:58:57 PM
1 10/23/2005 3:58:57 PM
1 10/23/2005 4:00:17 PM
1 10/23/2005 4:00:17 PM
1 10/23/2005 4:00:46 PM
1 10/23/2005 4:04:36 PM
1 10/23/2005 4:04:37 PM
1 10/23/2005 4:04:48 PM
1 10/23/2005 4:04:48 PM
1 10/23/2005 4:04:48 PM
1 10/23/2005 4:06:36 PM
1 10/23/2005 4:06:37 PM
1 10/23/2005 4:08:21 PM
1 10/23/2005 4:09:41 PM
1 10/23/2005 4:09:42 PM
1 10/23/2005 4:15:59 PM
1 10/23/2005 4:15:59 PM
1 10/23/2005 4:15:59 PM
1 10/23/2005 4:19:40 PM
1 10/23/2005 4:19:41 PM
1 10/23/2005 4:20:59 PM
1 10/23/2005 4:20:59 PM
1 10/23/2005 4:21:14 PM
1 10/23/2005 4:21:15 PM
1 10/23/2005 4:22:01 PM
1 10/23/2005 4:22:02 PM
1 10/23/2005 4:23:57 PM
1 10/23/2005 4:23:58 PM
1 10/23/2005 4:24:48 PM
1 10/23/2005 4:24:49 PM
1 10/23/2005 4:25:17 PM
1 10/23/2005 4:28:23 PM
1 10/23/2005 4:35:12 PM
1 10/23/2005 4:35:13 PM
1 10/23/2005 4:36:00 PM
1 10/23/2005 4:36:27 PM
1 10/23/2005 4:36:28 PM
1 10/23/2005 4:41:31 PM
1 10/23/2005 4:41:31 PM
1 10/23/2005 4:48:03 PM
1 10/23/2005 4:48:03 PM
1 10/23/2005 4:51:30 PM
1 10/23/2005 4:51:30 PM
1 10/23/2005 4:51:31 PM
1 10/23/2005 4:52:48 PM
1 10/23/2005 4:52:48 PM
1 10/23/2005 4:53:19 PM
1 10/23/2005 4:53:56 PM
1 10/23/2005 4:53:57 PM
1 10/23/2005 4:54:40 PM
1 10/23/2005 4:54:41 PM
1 10/23/2005 4:55:13 PM
1 10/23/2005 4:58:17 PM
1 10/23/2005 4:59:31 PM
1 10/23/2005 4:59:32 PM
1 10/23/2005 4:59:38 PM
1 10/23/2005 4:59:39 PM
1 10/23/2005 5:00:36 PM
1 10/23/2005 5:00:37 PM
1 10/23/2005 5:01:51 PM
1 10/23/2005 5:01:51 PM
1 10/23/2005 5:02:16 PM
1 10/23/2005 5:02:16 PM
1 10/23/2005 5:02:28 PM
1 10/23/2005 5:02:28 PM
1 10/23/2005 5:03:55 PM
1 10/23/2005 5:07:08 PM
1 10/23/2005 5:07:08 PM
1 10/23/2005 5:12:57 PM
1 10/23/2005 5:12:58 PM
1 10/23/2005 5:14:08 PM
1 10/23/2005 5:14:08 PM
1 10/23/2005 5:14:19 PM
1 10/23/2005 5:14:20 PM
1 10/23/2005 5:16:15 PM
1 10/23/2005 5:16:15 PM
1 10/23/2005 5:18:06 PM
1 10/23/2005 5:18:07 PM
1 10/23/2005 5:18:23 PM
1 10/23/2005 5:18:23 PM
1 10/23/2005 5:18:45 PM
1 10/23/2005 5:18:46 PM
1 10/23/2005 5:20:35 PM
1 10/23/2005 5:20:36 PM
1 10/23/2005 5:23:01 PM
1 10/23/2005 5:23:02 PM
1 10/23/2005 5:23:44 PM
1 10/23/2005 5:23:44 PM
1 10/23/2005 5:29:24 PM
1 10/23/2005 5:29:24 PM
1 10/23/2005 5:31:26 PM
1 10/23/2005 5:31:27 PM
1 10/23/2005 5:31:54 PM
1 10/23/2005 5:38:06 PM
1 10/23/2005 5:38:21 PM
1 10/23/2005 5:38:21 PM
1 10/23/2005 5:42:00 PM
1 10/23/2005 5:42:01 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 5:45:42 PM
 1 10/23/2005 5:45:42 PM
 1 10/23/2005 5:47:42 PM
 1 10/23/2005 5:47:42 PM
 1 10/23/2005 5:51:22 PM
 1 10/23/2005 5:51:23 PM
 1 10/23/2005 5:51:58 PM
 1 10/23/2005 5:51:58 PM
 1 10/23/2005 5:54:29 PM
 1 10/23/2005 5:55:28 PM
 1 10/23/2005 5:57:20 PM
 1 10/23/2005 5:57:20 PM
 1 10/23/2005 5:58:20 PM
 1 10/23/2005 5:58:21 PM
 1 10/23/2005 5:59:38 PM
 1 10/23/2005 5:59:39 PM
 1 10/23/2005 5:59:39 PM
 1 10/23/2005 5:59:39 PM
 1 10/23/2005 5:59:40 PM
 1 10/23/2005 5:59:56 PM
 1 10/23/2005 5:59:56 PM
 1 10/23/2005 6:00:19 PM
 1 10/23/2005 6:00:20 PM
 1 10/23/2005 6:00:23 PM
 1 10/23/2005 6:00:23 PM
 1 10/23/2005 6:02:09 PM
 1 10/23/2005 6:02:10 PM
 1 10/23/2005 6:02:50 PM
 1 10/23/2005 6:02:50 PM
 1 10/23/2005 6:03:17 PM
 1 10/23/2005 6:03:42 PM
 1 10/23/2005 6:03:43 PM
 1 10/23/2005 6:04:18 PM
 1 10/23/2005 6:04:19 PM
 1 10/23/2005 6:04:38 PM
 1 10/23/2005 6:04:39 PM
 1 10/23/2005 6:07:24 PM
 1 10/23/2005 6:07:24 PM
 1 10/23/2005 6:11:32 PM
 1 10/23/2005 6:15:04 PM
 1 10/23/2005 6:15:04 PM
 1 10/23/2005 6:16:44 PM
 1 10/23/2005 6:16:45 PM
 1 10/23/2005 6:16:56 PM
 1 10/23/2005 6:16:57 PM
 1 10/23/2005 6:18:32 PM
 1 10/23/2005 6:18:32 PM
 1 10/23/2005 6:18:54 PM
 1 10/23/2005 6:18:54 PM
 1 10/23/2005 6:21:12 PM
 1 10/23/2005 6:21:12 PM
 1 10/23/2005 6:27:43 PM
 1 10/23/2005 6:27:43 PM
 1 10/23/2005 6:31:01 PM
 1 10/23/2005 6:31:02 PM
 1 10/23/2005 6:34:34 PM
 1 10/23/2005 6:34:34 PM
 1 10/23/2005 6:34:35 PM
 1 10/23/2005 6:42:21 PM
 1 10/23/2005 6:42:21 PM
 1 10/23/2005 6:42:22 PM
 1 10/23/2005 6:42:44 PM
 1 10/23/2005 6:47:21 PM
 1 10/23/2005 6:47:22 PM
 1 10/23/2005 6:47:55 PM
 1 10/23/2005 6:47:55 PM
 1 10/23/2005 6:50:41 PM
 1 10/23/2005 6:55:50 PM
 1 10/23/2005 6:55:50 PM
 1 10/23/2005 6:56:11 PM
 1 10/23/2005 6:56:12 PM
 1 10/23/2005 6:58:16 PM
 1 10/23/2005 6:58:16 PM
 1 10/23/2005 7:09:30 PM
 1 10/23/2005 7:09:30 PM
 1 10/23/2005 7:15:06 PM
 1 10/23/2005 7:15:06 PM
 1 10/23/2005 7:15:06 PM
 1 10/23/2005 7:16:35 PM
 1 10/23/2005 7:16:35 PM
 1 10/23/2005 7:23:09 PM
 1 10/23/2005 7:23:09 PM
 1 10/23/2005 7:28:00 PM
 1 10/23/2005 7:28:00 PM
 1 10/23/2005 7:28:27 PM
 1 10/23/2005 7:28:28 PM
 1 10/23/2005 7:37:22 PM
 1 10/23/2005 7:37:23 PM
 1 10/23/2005 7:38:27 PM
 1 10/23/2005 7:38:27 PM
 1 10/23/2005 7:40:07 PM
 1 10/23/2005 7:40:07 PM
 1 10/23/2005 7:40:07 PM
 1 10/23/2005 7:56:20 PM
 1 10/23/2005 7:56:20 PM
 1 10/23/2005 8:01:36 PM
 1 10/23/2005 8:01:36 PM
 1 10/23/2005 8:03:42 PM
 1 10/23/2005 8:03:42 PM
 1 10/23/2005 8:16:34 PM
 1 10/23/2005 8:16:34 PM

SITE 33 OCT 20-22 JAMAR 5

1 10/23/2005 8:17:26 PM
1 10/23/2005 8:17:27 PM
1 10/23/2005 8:17:34 PM
1 10/23/2005 8:17:35 PM
1 10/23/2005 8:23:46 PM
1 10/23/2005 8:23:46 PM
1 10/23/2005 8:23:46 PM
1 10/23/2005 8:24:46 PM
1 10/23/2005 8:24:46 PM
1 10/23/2005 8:24:46 PM
1 10/23/2005 8:28:55 PM
1 10/23/2005 8:28:55 PM
1 10/23/2005 8:30:51 PM
1 10/23/2005 8:30:52 PM
1 10/23/2005 8:32:46 PM
1 10/23/2005 8:32:47 PM
1 10/23/2005 8:36:05 PM
1 10/23/2005 8:36:05 PM
1 10/23/2005 8:48:36 PM
1 10/23/2005 8:48:36 PM
1 10/23/2005 9:05:31 PM
1 10/23/2005 9:05:31 PM
1 10/23/2005 9:18:31 PM
1 10/23/2005 9:18:32 PM
1 10/23/2005 9:33:54 PM
1 10/23/2005 9:33:54 PM
1 10/23/2005 9:33:55 PM
1 10/23/2005 9:34:33 PM
1 10/23/2005 9:34:33 PM
1 10/23/2005 9:49:47 PM
1 10/23/2005 9:49:48 PM
1 10/23/2005 10:00:43 PM
1 10/23/2005 10:00:43 PM
1 10/23/2005 10:12:26 PM
1 10/23/2005 10:12:27 PM
1 10/23/2005 10:12:47 PM
1 10/23/2005 10:12:48 PM
1 10/23/2005 10:12:59 PM
1 10/23/2005 10:20:13 PM
1 10/23/2005 10:20:13 PM
1 10/23/2005 10:23:25 PM
1 10/23/2005 10:23:25 PM

357 Divide axle counts by 2

SITE 34 OCT 20-22 TRAFX EQ02

*Serial Number :0509AZ
*Counter name :EQ 2
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.6
*Stored records :01275

=TIME (yy-mm) 14:35:34
=START(yy-n) 19:00
PERIOD (1/24/0=Timestamps) :000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

Calibration:04333

10/20/2005	7:09:45	1
10/20/2005	7:28:19	2
10/20/2005	8:56:18	3
10/20/2005	9:02:55	4
10/20/2005	9:04:47	5
10/20/2005	9:15:44	6
10/20/2005	9:45:58	7
10/20/2005	9:46:30	8
10/20/2005	14:47:11	9
10/20/2005	15:01:50	10
10/20/2005	15:18:59	11
10/20/2005	15:31:06	12
10/20/2005	19:44:23	13
10/21/2005	9:16:08	1
10/21/2005	9:16:44	2
10/21/2005	10:59:34	3
10/21/2005	12:25:46	4
10/21/2005	13:27:52	5
10/21/2005	13:41:32	6
10/21/2005	14:21:47	7
10/21/2005	14:49:04	8
10/21/2005	14:49:16	9
10/21/2005	17:13:56	10
10/21/2005	17:23:17	11
10/21/2005	17:26:18	12
10/21/2005	17:26:28	13
10/22/2005	10:46:11	1
10/22/2005	10:52:40	2
10/22/2005	11:27:48	3
10/22/2005	11:28:12	4
10/22/2005	14:02:01	5
10/22/2005	14:02:47	6
10/22/2005	14:06:09	7
10/22/2005	14:06:38	8
10/22/2005	14:16:56	9
10/22/2005	16:07:35	10
10/22/2005	18:14:34	11
10/22/2005	18:15:49	12
10/22/2005	18:37:12	13
10/22/2005	20:08:20	14
10/23/2005	14:28:13	1 Post Day Count
10/23/2005	15:20:22	2
10/23/2005	15:20:58	3

END OF DATA

-close data file
-then check it

N_name S_elect V_view
D_download E_erase L_launch!
++ ENTER COMMAND +++>>

SITE 36 NOV 3-5 JAMAR 1

Sensor	Date	Time	Count
1	11/3/2005	5:55:51 AM	1
1	11/3/2005	6:00:33 AM	1
1	11/3/2005	6:00:33 AM	1
1	11/3/2005	6:07:46 AM	1
1	11/3/2005	6:07:47 AM	1
1	11/3/2005	6:07:47 AM	1
1	11/3/2005	6:08:55 AM	1
1	11/3/2005	6:08:55 AM	1
1	11/3/2005	6:08:56 AM	1
1	11/3/2005	6:08:56 AM	1
1	11/3/2005	6:30:56 AM	1
1	11/3/2005	6:30:57 AM	1
1	11/3/2005	6:32:19 AM	1
1	11/3/2005	6:32:20 AM	1
1	11/3/2005	6:43:16 AM	1
1	11/3/2005	6:48:51 AM	1
1	11/3/2005	6:48:52 AM	1
1	11/3/2005	7:05:40 AM	1
1	11/3/2005	7:05:41 AM	1
1	11/3/2005	7:40:28 AM	1
1	11/3/2005	7:40:28 AM	1
1	11/3/2005	8:04:02 AM	1
1	11/3/2005	8:04:02 AM	1
1	11/3/2005	8:04:02 AM	1
1	11/3/2005	8:05:48 AM	1
1	11/3/2005	8:05:49 AM	1
1	11/3/2005	8:05:49 AM	1
1	11/3/2005	8:05:49 AM	1
1	11/3/2005	8:05:49 AM	1
1	11/3/2005	8:20:07 AM	1
1	11/3/2005	8:42:39 AM	1
1	11/3/2005	8:42:39 AM	1
1	11/3/2005	8:43:19 AM	1
1	11/3/2005	8:43:20 AM	1
1	11/3/2005	8:47:47 AM	1
1	11/3/2005	8:47:48 AM	1
1	11/3/2005	8:49:46 AM	1
1	11/3/2005	8:51:16 AM	1
1	11/3/2005	8:51:16 AM	1
1	11/3/2005	8:51:21 AM	1
1	11/3/2005	8:51:22 AM	1
1	11/3/2005	8:51:26 AM	1
1	11/3/2005	8:51:28 AM	1
1	11/3/2005	8:54:04 AM	1
1	11/3/2005	8:54:05 AM	1
1	11/3/2005	8:59:38 AM	1
1	11/3/2005	9:01:36 AM	1
1	11/3/2005	9:01:37 AM	1
1	11/3/2005	9:04:29 AM	1
1	11/3/2005	9:04:35 AM	1
1	11/3/2005	9:04:35 AM	1
1	11/3/2005	9:04:36 AM	1
1	11/3/2005	9:41:44 AM	1
1	11/3/2005	9:41:45 AM	1
1	11/3/2005	9:41:45 AM	1
1	11/3/2005	10:20:43 AM	1
1	11/3/2005	10:20:43 AM	1
1	11/3/2005	10:20:44 AM	1
1	11/3/2005	10:53:19 AM	1
1	11/3/2005	10:53:39 AM	1
1	11/3/2005	10:53:44 AM	1
1	11/3/2005	10:53:45 AM	1
1	11/3/2005	11:04:37 AM	1
1	11/3/2005	11:04:37 AM	1
1	11/3/2005	11:28:34 AM	1
1	11/3/2005	11:28:34 AM	1
1	11/3/2005	11:28:35 AM	1
1	11/3/2005	11:40:16 AM	1
1	11/3/2005	11:40:16 AM	1
1	11/3/2005	11:40:16 AM	1
1	11/3/2005	11:40:16 AM	1
1	11/3/2005	12:43:28 PM	1
1	11/3/2005	12:43:28 PM	1
1	11/3/2005	12:43:29 PM	1
1	11/3/2005	12:43:29 PM	1
1	11/3/2005	12:45:59 PM	1
1	11/3/2005	12:46:00 PM	1
1	11/3/2005	1:14:51 PM	1
1	11/3/2005	1:14:51 PM	1
1	11/3/2005	1:20:48 PM	1
1	11/3/2005	1:20:48 PM	1
1	11/3/2005	1:20:49 PM	1
1	11/3/2005	1:20:49 PM	1
1	11/3/2005	1:31:46 PM	1
1	11/3/2005	1:34:24 PM	1
1	11/3/2005	1:34:24 PM	1
1	11/3/2005	1:38:57 PM	1
1	11/3/2005	1:38:57 PM	1
1	11/3/2005	1:38:57 PM	1
1	11/3/2005	1:48:40 PM	1
1	11/3/2005	1:56:34 PM	1
1	11/3/2005	1:56:34 PM	1
1	11/3/2005	1:56:34 PM	1
1	11/3/2005	1:56:34 PM	1
1	11/3/2005	2:04:05 PM	1
1	11/3/2005	2:04:06 PM	1
1	11/3/2005	2:08:55 PM	1
1	11/3/2005	2:08:55 PM	1
1	11/3/2005	2:11:33 PM	1
1	11/3/2005	2:11:33 PM	1
1	11/3/2005	2:14:28 PM	1

SITE 36 NOV 3-5 JANAR 1

1	11/3/2005	2:29:55 PM	1
1	11/3/2005	2:29:55 PM	
1	11/3/2005	3:02:13 PM	1
1	11/3/2005	3:02:14 PM	
1	11/3/2005	3:04:37 PM	1
1	11/3/2005	3:04:38 PM	
1	11/3/2005	3:04:38 PM	
1	11/3/2005	3:16:27 PM	1
1	11/3/2005	3:16:27 PM	
1	11/3/2005	3:16:28 PM	1
1	11/3/2005	3:16:28 PM	
1	11/3/2005	3:19:07 PM	1
1	11/3/2005	3:19:07 PM	
1	11/3/2005	3:26:29 PM	1
1	11/3/2005	3:26:29 PM	
1	11/3/2005	3:26:30 PM	
1	11/3/2005	3:28:49 PM	1
1	11/3/2005	3:28:50 PM	
1	11/3/2005	3:32:53 PM	1
1	11/3/2005	3:32:54 PM	
1	11/3/2005	3:36:50 PM	1
1	11/3/2005	3:39:32 PM	
1	11/3/2005	3:44:11 PM	1
1	11/3/2005	3:44:11 PM	
1	11/3/2005	3:44:11 PM	1
1	11/3/2005	3:46:48 PM	1
1	11/3/2005	3:46:48 PM	
1	11/3/2005	3:57:03 PM	1
1	11/3/2005	3:57:04 PM	
1	11/3/2005	4:03:55 PM	1
1	11/3/2005	4:27:10 PM	1
1	11/3/2005	4:27:10 PM	
1	11/3/2005	4:58:01 PM	1
1	11/3/2005	5:03:06 PM	1
1	11/3/2005	5:03:06 PM	
1	11/3/2005	5:03:06 PM	1
1	11/3/2005	5:03:06 PM	
1	11/3/2005	5:19:02 PM	1
1	11/3/2005	5:19:03 PM	
1	11/3/2005	5:22:14 PM	1
1	11/3/2005	5:22:14 PM	
1	11/3/2005	5:22:14 PM	
1	11/3/2005	5:31:00 PM	1
1	11/3/2005	5:33:13 PM	1
1	11/3/2005	5:33:13 PM	
1	11/3/2005	5:33:14 PM	1
1	11/3/2005	5:33:14 PM	
1	11/3/2005	5:34:34 PM	1
1	11/3/2005	5:35:41 PM	1
1	11/3/2005	5:35:41 PM	
1	11/3/2005	5:52:13 PM	1
1	11/3/2005	5:52:13 PM	
1	11/3/2005	6:08:42 PM	1
1	11/3/2005	6:08:42 PM	
1	11/3/2005	6:34:55 PM	1
1	11/3/2005	6:35:02 PM	1
1	11/3/2005	6:42:19 PM	1
1	11/3/2005	6:42:20 PM	
1	11/3/2005	6:43:18 PM	1
1	11/3/2005	6:46:33 PM	1
1	11/3/2005	6:46:34 PM	
1	11/3/2005	6:46:34 PM	
1	11/3/2005	7:01:16 PM	1
1	11/3/2005	7:01:16 PM	
1	11/3/2005	7:01:16 PM	1
1	11/3/2005	7:01:16 PM	
1	11/3/2005	7:38:32 PM	1
1	11/3/2005	7:38:32 PM	
1	11/3/2005	7:44:06 PM	1
1	11/3/2005	7:44:06 PM	
1	11/3/2005	7:54:33 PM	1
1	11/3/2005	7:54:33 PM	
1	11/3/2005	7:59:52 PM	1
1	11/3/2005	8:01:04 PM	1
1	11/3/2005	8:01:12 PM	
1	11/3/2005	8:01:12 PM	
1	11/3/2005	8:44:00 PM	1
1	11/3/2005	9:43:58 PM	1
1	11/3/2005	9:43:58 PM	
1	11/3/2005	10:44:08 PM	1
1	11/3/2005	10:44:09 PM	
			93
1	11/4/2005	2:01:20 AM	1
1	11/4/2005	2:01:20 AM	
1	11/4/2005	5:44:55 AM	1
1	11/4/2005	5:44:56 AM	
1	11/4/2005	5:44:56 AM	
1	11/4/2005	6:29:04 AM	1
1	11/4/2005	6:29:05 AM	
1	11/4/2005	6:41:09 AM	1
1	11/4/2005	6:41:10 AM	
1	11/4/2005	6:57:28 AM	1
1	11/4/2005	6:57:28 AM	
1	11/4/2005	7:06:13 AM	1
1	11/4/2005	7:06:14 AM	
1	11/4/2005	7:25:31 AM	1
1	11/4/2005	7:25:31 AM	
1	11/4/2005	7:25:31 AM	
1	11/4/2005	7:40:23 AM	1

SITE 36 NOV 3-5 JAMAR 1

1	11/4/2005	7:40:24 AM	
1	11/4/2005	7:53:23 AM	1
1	11/4/2005	7:53:23 AM	
1	11/4/2005	7:53:24 AM	
1	11/4/2005	8:30:28 AM	1
1	11/4/2005	8:30:29 AM	
1	11/4/2005	8:34:14 AM	1
1	11/4/2005	8:38:05 AM	1
1	11/4/2005	8:38:26 AM	
1	11/4/2005	8:38:26 AM	1
1	11/4/2005	8:38:27 AM	
1	11/4/2005	8:38:27 AM	
1	11/4/2005	8:38:51 AM	1
1	11/4/2005	8:38:52 AM	
1	11/4/2005	8:39:12 AM	1
1	11/4/2005	8:42:36 AM	1
1	11/4/2005	8:46:57 AM	1
1	11/4/2005	8:46:57 AM	
1	11/4/2005	8:46:58 AM	1
1	11/4/2005	8:49:59 AM	
1	11/4/2005	8:49:59 AM	
1	11/4/2005	8:54:58 AM	1
1	11/4/2005	8:54:58 AM	
1	11/4/2005	8:54:58 AM	
1	11/4/2005	8:57:21 AM	1
1	11/4/2005	8:57:22 AM	
1	11/4/2005	8:58:59 AM	1
1	11/4/2005	9:03:11 AM	1
1	11/4/2005	9:03:11 AM	
1	11/4/2005	9:03:11 AM	1
1	11/4/2005	9:03:11 AM	
1	11/4/2005	9:06:02 AM	1
1	11/4/2005	9:06:03 AM	
1	11/4/2005	9:11:12 AM	1
1	11/4/2005	9:15:21 AM	1
1	11/4/2005	9:15:21 AM	
1	11/4/2005	9:15:21 AM	1
1	11/4/2005	9:15:21 AM	
1	11/4/2005	9:15:21 AM	
1	11/4/2005	9:33:52 AM	1
1	11/4/2005	9:33:58 AM	
1	11/4/2005	9:33:58 AM	
1	11/4/2005	9:56:38 AM	1
1	11/4/2005	9:56:38 AM	
1	11/4/2005	9:56:39 AM	
1	11/4/2005	9:57:16 AM	1
1	11/4/2005	9:57:17 AM	
1	11/4/2005	10:56:07 AM	1
1	11/4/2005	10:56:07 AM	
1	11/4/2005	10:56:08 AM	
1	11/4/2005	11:22:26 AM	1
1	11/4/2005	11:22:27 AM	
1	11/4/2005	11:39:29 AM	1
1	11/4/2005	11:39:30 AM	
1	11/4/2005	12:14:44 PM	1
1	11/4/2005	12:14:44 PM	
1	11/4/2005	12:14:44 PM	
1	11/4/2005	1:06:55 PM	1
1	11/4/2005	1:06:55 PM	
1	11/4/2005	1:06:55 PM	
1	11/4/2005	1:21:02 PM	1
1	11/4/2005	1:21:03 PM	
1	11/4/2005	1:22:59 PM	1
1	11/4/2005	1:28:37 PM	1
1	11/4/2005	1:28:37 PM	
1	11/4/2005	1:32:18 PM	1
1	11/4/2005	1:32:19 PM	
1	11/4/2005	1:33:17 PM	1
1	11/4/2005	1:33:18 PM	
1	11/4/2005	1:51:44 PM	1
1	11/4/2005	1:51:45 PM	
1	11/4/2005	1:53:55 PM	1
1	11/4/2005	1:54:02 PM	
1	11/4/2005	2:23:23 PM	1
1	11/4/2005	2:23:23 PM	
1	11/4/2005	2:23:23 PM	
1	11/4/2005	2:25:47 PM	1
1	11/4/2005	2:25:47 PM	
1	11/4/2005	2:25:47 PM	1
1	11/4/2005	2:35:50 PM	1
1	11/4/2005	2:35:51 PM	
1	11/4/2005	2:48:21 PM	1
1	11/4/2005	2:48:21 PM	
1	11/4/2005	2:49:25 PM	1
1	11/4/2005	2:53:25 PM	1
1	11/4/2005	2:53:25 PM	
1	11/4/2005	2:53:25 PM	1
1	11/4/2005	2:53:25 PM	
1	11/4/2005	2:58:46 PM	1
1	11/4/2005	3:06:04 PM	1
1	11/4/2005	3:06:04 PM	
1	11/4/2005	3:14:45 PM	1
1	11/4/2005	3:15:23 PM	1
1	11/4/2005	3:15:42 PM	1
1	11/4/2005	3:15:42 PM	
1	11/4/2005	3:15:43 PM	
1	11/4/2005	3:19:33 PM	1
1	11/4/2005	3:19:33 PM	
1	11/4/2005	3:26:51 PM	1
1	11/4/2005	3:28:52 PM	
1	11/4/2005	3:32:08 PM	1

SITE 36 NOV 3-5 JAMAR 1

1	11/4/2005	3:32:09 PM	
1	11/4/2005	3:33:48 PM	1
1	11/4/2005	3:33:48 PM	
1	11/4/2005	3:33:49 PM	1
1	11/4/2005	3:33:49 PM	
1	11/4/2005	3:36:17 PM	1
1	11/4/2005	4:11:45 PM	1
1	11/4/2005	4:15:11 PM	1
1	11/4/2005	4:16:28 PM	1
1	11/4/2005	4:16:29 PM	
1	11/4/2005	4:22:46 PM	1
1	11/4/2005	4:59:34 PM	1
1	11/4/2005	5:23:03 PM	1
1	11/4/2005	5:58:35 PM	1
1	11/4/2005	6:03:01 PM	1
1	11/4/2005	6:03:01 PM	
1	11/4/2005	6:03:08 PM	1
1	11/4/2005	6:03:08 PM	
1	11/4/2005	6:03:08 PM	1
1	11/4/2005	6:03:08 PM	
1	11/4/2005	6:03:09 PM	
1	11/4/2005	6:24:06 PM	1
1	11/4/2005	6:24:07 PM	
1	11/4/2005	7:25:59 PM	1
1	11/4/2005	7:30:47 PM	1
1	11/4/2005	8:25:17 PM	1
1	11/4/2005	8:25:17 PM	
1	11/4/2005	8:25:17 PM	1
1	11/4/2005	8:25:17 PM	
1	11/4/2005	8:43:57 PM	1
1	11/4/2005	8:49:57 PM	
1	11/4/2005	11:01:32 PM	1
1	11/4/2005	11:01:32 PM	
			78
1	11/5/2005	12:07:05 AM	1
1	11/5/2005	6:13:43 AM	1
1	11/5/2005	6:13:43 AM	
1	11/5/2005	7:56:29 AM	1
1	11/5/2005	7:56:30 AM	
1	11/5/2005	8:09:46 AM	1
1	11/5/2005	8:09:46 AM	
1	11/5/2005	8:09:46 AM	
1	11/5/2005	8:22:41 AM	1
1	11/5/2005	8:22:41 AM	
1	11/5/2005	8:22:42 AM	1
1	11/5/2005	8:22:42 AM	
1	11/5/2005	8:40:34 AM	1
1	11/5/2005	8:40:34 AM	
1	11/5/2005	8:40:35 AM	
1	11/5/2005	9:05:51 AM	1
1	11/5/2005	9:05:52 AM	
1	11/5/2005	9:23:12 AM	1
1	11/5/2005	9:23:12 AM	
1	11/5/2005	9:23:12 AM	1
1	11/5/2005	9:23:12 AM	
1	11/5/2005	9:26:38 AM	1
1	11/5/2005	9:36:46 AM	1
1	11/5/2005	9:36:46 AM	
1	11/5/2005	9:36:51 AM	1
1	11/5/2005	9:36:51 AM	
1	11/5/2005	9:45:16 AM	1
1	11/5/2005	9:49:04 AM	1
1	11/5/2005	9:49:05 AM	
1	11/5/2005	10:08:56 AM	1
1	11/5/2005	10:08:56 AM	
1	11/5/2005	10:08:57 AM	1
1	11/5/2005	10:08:57 AM	
1	11/5/2005	10:30:05 AM	1
1	11/5/2005	10:30:06 AM	
1	11/5/2005	10:31:17 AM	1
1	11/5/2005	10:31:17 AM	
1	11/5/2005	11:26:30 AM	1
1	11/5/2005	11:26:30 AM	
1	11/5/2005	11:30:31 AM	1
1	11/5/2005	11:30:32 AM	
1	11/5/2005	11:30:32 AM	
1	11/5/2005	11:51:11 AM	1
1	11/5/2005	11:51:12 AM	
1	11/5/2005	11:51:12 AM	
1	11/5/2005	11:58:05 AM	1
1	11/5/2005	11:58:06 AM	
1	11/5/2005	11:58:06 AM	
1	11/5/2005	12:49:41 PM	1
1	11/5/2005	12:49:41 PM	
1	11/5/2005	12:49:41 PM	
1	11/5/2005	12:54:37 PM	1
1	11/5/2005	12:54:38 PM	
1	11/5/2005	12:54:46 PM	
1	11/5/2005	12:59:52 PM	1
1	11/5/2005	12:59:52 PM	
1	11/5/2005	1:51:16 PM	1
1	11/5/2005	1:51:16 PM	
1	11/5/2005	1:51:32 PM	1
1	11/5/2005	1:51:32 PM	
1	11/5/2005	1:51:37 PM	1
1	11/5/2005	1:51:37 PM	
1	11/5/2005	3:00:07 PM	1
1	11/5/2005	3:00:07 PM	
1	11/5/2005	3:03:17 PM	1
1	11/5/2005	3:03:18 PM	
1	11/5/2005	3:06:24 PM	1
1	11/5/2005	3:26:55 PM	1
1	11/5/2005	3:26:55 PM	

SITE 36 NOV 3-5 JAMAR 1

1	11/5/2005	3:53:33 PM	1
1	11/5/2005	3:53:33 PM	
1	11/5/2005	3:56:35 PM	1
1	11/5/2005	3:56:36 PM	
1	11/5/2005	4:44:27 PM	1
1	11/5/2005	4:44:27 PM	
1	11/5/2005	4:44:27 PM	
1	11/5/2005	4:54:27 PM	1
1	11/5/2005	4:54:27 PM	
1	11/5/2005	4:54:27 PM	
1	11/5/2005	5:38:02 PM	1
1	11/5/2005	5:38:03 PM	
1	11/5/2005	5:48:29 PM	1
1	11/5/2005	5:48:29 PM	
1	11/5/2005	5:48:29 PM	
1	11/5/2005	5:48:29 PM	1
1	11/5/2005	6:21:59 PM	1
1	11/5/2005	6:22:00 PM	
1	11/5/2005	7:28:52 PM	1
1	11/5/2005	7:28:53 PM	
1	11/5/2005	7:28:56 PM	1
1	11/5/2005	7:28:57 PM	
1	11/5/2005	7:31:51 PM	1
1	11/5/2005	8:01:53 PM	1
1	11/5/2005	8:11:48 PM	1
1	11/5/2005	8:11:49 PM	
1	11/5/2005	8:19:41 PM	1
1	11/5/2005	8:19:42 PM	
1	11/5/2005	8:19:42 PM	
1	11/5/2005	10:23:18 PM	1
1	11/5/2005	10:23:18 PM	
1	11/5/2005	10:30:05 PM	1
1	11/5/2005	10:30:06 PM	
1	11/5/2005	10:33:37 PM	1
1	11/5/2005	10:33:37 PM	
1	11/5/2005	10:51:16 PM	1
1	11/5/2005	10:51:17 PM	
1	11/5/2005	11:15:33 PM	1
1	11/5/2005	11:15:34 PM	

SITE 36 NOV 3-5 TRAFX EQ01

*Serial Number :0509BF
*Counter name :EQ 1
*Mode :Vehicle (VEH-4d)
*Batt. voltage :4.5
*Stored records :03033

=TIME (yy-mm-dd) 20:28:28
-START(yy-mm-dd) 19:00
PERIOD (1/24/0-Timestamps) :000
DELAY (see manual) :064
THRESHOLD (see manual) :010
RATE (Fast/Slow) :S

Calibration:02988

11/3/2005	5:55:15	1
11/3/2005	5:59:59	2
11/3/2005	6:07:11	3
11/3/2005	6:08:24	4

SITE 36 NOV 3-5 TRAFX EQ01

11/3/2005	6:30:24	5
11/3/2005	6:31:43	6
11/3/2005	6:42:41	7
11/3/2005	6:48:16	8
11/3/2005	7:05:06	9
11/3/2005	7:48:43	10
11/3/2005	8:03:26	11
11/3/2005	8:05:18	12
11/3/2005	8:19:32	13
11/3/2005	8:42:05	14
11/3/2005	8:42:48	15
11/3/2005	8:47:13	16
11/3/2005	8:49:15	17
11/3/2005	8:50:42	18
11/3/2005	8:50:53	19
11/3/2005	8:53:32	20
11/3/2005	8:59:02	21
11/3/2005	9:01:01	22
11/3/2005	9:03:31	23
11/3/2005	9:04:05	24
11/3/2005	9:41:13	25
11/3/2005	10:05:51	26
11/3/2005	10:20:07	27
11/3/2005	10:52:43	28
11/3/2005	10:53:45	29
11/3/2005	11:04:02	30
11/3/2005	11:27:56	31
11/3/2005	11:39:41	32
11/3/2005	11:45:21	33
11/3/2005	11:45:34	34
11/3/2005	11:45:48	35
11/3/2005	12:42:52	36
11/3/2005	12:45:28	37
11/3/2005	13:14:13	38
11/3/2005	13:20:17	39
11/3/2005	13:31:10	40
11/3/2005	13:33:49	41
11/3/2005	13:38:22	42
11/3/2005	13:48:09	43
11/3/2005	13:55:59	44
11/3/2005	14:03:31	45
11/3/2005	14:08:23	46
11/3/2005	14:10:58	47
11/3/2005	14:13:56	48
11/3/2005	14:29:21	49
11/3/2005	15:01:41	50
11/3/2005	15:04:05	51
11/3/2005	15:15:55	52
11/3/2005	15:18:33	53
11/3/2005	15:25:58	54
11/3/2005	15:28:13	55
11/3/2005	15:29:07	56
11/3/2005	15:32:18	57
11/3/2005	15:36:13	58
11/3/2005	15:38:59	59
11/3/2005	15:43:36	60
11/3/2005	15:56:28	61
11/3/2005	16:03:23	62
11/3/2005	16:26:07	63
11/3/2005	16:26:37	64
11/3/2005	16:57:26	65
11/3/2005	17:02:33	66
11/3/2005	17:18:27	67
11/3/2005	17:32:38	68
11/3/2005	17:34:01	69
11/3/2005	17:35:06	70
11/3/2005	17:35:18	71
11/3/2005	17:51:41	72
11/3/2005	18:08:08	73
11/3/2005	18:34:23	74
11/3/2005	18:41:45	75
11/3/2005	18:42:43	76
11/3/2005	18:45:58	77
11/3/2005	19:00:44	78
11/3/2005	19:37:56	79
11/3/2005	19:43:30	80
11/3/2005	19:53:57	81
11/3/2005	19:59:15	82
11/3/2005	20:00:29	83
11/3/2005	20:43:29	84
11/3/2005	21:43:23	85
11/3/2005	22:43:36	86
11/4/2005	2:00:45	1
11/4/2005	5:44:19	2
11/4/2005	6:28:29	3
11/4/2005	6:40:34	4
11/4/2005	6:56:56	5
11/4/2005	7:05:41	6
11/4/2005	7:24:57	7
11/4/2005	7:39:48	8
11/4/2005	7:52:48	9
11/4/2005	8:16:46	10
11/4/2005	8:29:53	11
11/4/2005	8:33:37	12
11/4/2005	8:37:29	13
11/4/2005	8:37:51	14
11/4/2005	8:38:18	15
11/4/2005	8:38:36	16
11/4/2005	8:42:00	17
11/4/2005	8:46:26	18
11/4/2005	8:49:26	19

SITE 36 NOV 3-5 TRAFX EQ01

11/4/2005	8:50:12	20
11/4/2005	8:53:21	21
11/4/2005	8:54:22	22
11/4/2005	8:56:48	23
11/4/2005	8:58:25	24
11/4/2005	9:01:57	25
11/4/2005	9:02:35	26
11/4/2005	9:05:30	27
11/4/2005	9:10:37	28
11/4/2005	9:14:46	29
11/4/2005	9:32:50	30
11/4/2005	9:34:59	31
11/4/2005	9:56:03	32
11/4/2005	10:55:29	33
11/4/2005	11:21:49	34
11/4/2005	11:38:53	35
11/4/2005	12:14:08	36
11/4/2005	12:48:36	37
11/4/2005	12:49:17	38
11/4/2005	13:22:25	39
11/4/2005	13:27:59	40
11/4/2005	13:31:42	41
11/4/2005	13:32:44	42
11/4/2005	13:41:21	43
11/4/2005	13:51:08	44
11/4/2005	13:53:18	45
11/4/2005	14:06:24	46
11/4/2005	14:22:48	47
11/4/2005	14:25:12	48
11/4/2005	14:47:45	49
11/4/2005	14:48:52	50
11/4/2005	14:52:51	51
11/4/2005	14:58:11	52
11/4/2005	15:05:29	53
11/4/2005	15:10:10	54
11/4/2005	15:14:09	55
11/4/2005	15:14:49	56
11/4/2005	15:15:07	57
11/4/2005	15:26:19	58
11/4/2005	15:29:43	59
11/4/2005	15:31:31	60
11/4/2005	15:32:07	61
11/4/2005	15:32:38	62
11/4/2005	15:33:13	63
11/4/2005	15:34:50	64
11/4/2005	15:35:41	65
11/4/2005	16:11:12	66
11/4/2005	16:14:35	67
11/4/2005	16:15:53	68
11/4/2005	16:22:09	69
11/4/2005	17:22:29	70
11/4/2005	18:02:29	71
11/4/2005	19:25:23	72
11/4/2005	19:30:10	73
11/4/2005	20:24:41	74
11/4/2005	20:43:24	75
11/4/2005	23:00:56	76
11/5/2005	0:06:28	1
11/5/2005	6:13:07	2
11/5/2005	7:55:52	3
11/5/2005	8:09:10	4
11/5/2005	8:22:05	5
11/5/2005	8:35:50	6
11/5/2005	8:40:01	7
11/5/2005	9:05:15	8
11/5/2005	9:26:06	9
11/5/2005	9:36:13	10
11/5/2005	9:44:38	11
11/5/2005	9:48:28	12
11/5/2005	10:08:20	13
11/5/2005	10:29:29	14
11/5/2005	10:30:43	15
11/5/2005	10:43:32	16
11/5/2005	11:21:24	17
11/5/2005	11:25:57	18
11/5/2005	11:29:57	19
11/5/2005	11:43:12	20
11/5/2005	11:44:37	21
11/5/2005	11:47:17	22
11/5/2005	11:50:38	23
11/5/2005	11:57:29	24
11/5/2005	12:49:05	25
11/5/2005	12:53:58	26
11/5/2005	12:54:12	27
11/5/2005	12:58:21	28
11/5/2005	12:59:16	29
11/5/2005	13:20:40	30
11/5/2005	13:50:39	31
11/5/2005	13:51:32	32
11/5/2005	13:51:42	33
11/5/2005	13:54:00	34
11/5/2005	13:56:32	35
11/5/2005	13:57:02	36
11/5/2005	14:59:33	37
11/5/2005	15:02:41	38
11/5/2005	15:05:48	39
11/5/2005	15:26:21	40
11/5/2005	15:52:55	41
11/5/2005	15:55:59	42
11/5/2005	16:43:50	43
11/5/2005	16:53:54	44

SITE 36 NOV 3-5 TRAFX EQ01

11/5/2005	17:08:58	45
11/5/2005	17:37:25	46
11/5/2005	18:21:26	47
11/5/2005	19:28:15	48
11/5/2005	19:31:19	49
11/5/2005	20:01:17	50
11/5/2005	20:11:12	51
11/5/2005	20:19:05	52
11/5/2005	20:50:22	53
11/5/2005	22:22:44	54
11/5/2005	22:29:31	55
11/5/2005	22:33:00	56
11/5/2005	22:50:38	57
11/5/2005	23:14:56	58

END OF DATA
-close data file
-then check it

N_ame	S_elect	V_iew
D_ownload	E_rase	L_aunch!

++ ENTER COMMAND ++>>

SITE 37 OCT 20-22 JAMAR 7

Sensor	Date	Time	Count
1	10/20/2005	6:38:53 AM	1
1	10/20/2005	6:38:53 AM	1
1	10/20/2005	7:15:22 AM	1
1	10/20/2005	7:15:23 AM	1
1	10/20/2005	9:58:22 AM	1
1	10/20/2005	9:58:23 AM	1
1	10/20/2005	10:30:02 AM	1
1	10/20/2005	10:30:02 AM	1
1	10/20/2005	10:30:03 AM	1
1	10/20/2005	10:30:03 AM	1
1	10/20/2005	10:31:18 AM	1
1	10/20/2005	10:31:19 AM	1
1	10/20/2005	10:32:29 AM	1
1	10/20/2005	10:32:30 AM	1
1	10/20/2005	10:33:05 AM	1
1	10/20/2005	10:33:06 AM	1
1	10/20/2005	10:33:15 AM	1
1	10/20/2005	10:33:15 AM	1
1	10/20/2005	10:33:20 AM	1
1	10/20/2005	10:33:20 AM	1
1	10/20/2005	10:33:26 AM	1
1	10/20/2005	10:33:26 AM	1
1	10/20/2005	10:33:26 AM	1
1	10/20/2005	10:33:28 AM	1
1	10/20/2005	10:33:29 AM	1
1	10/20/2005	10:34:17 AM	1
1	10/20/2005	12:20:44 PM	1
1	10/20/2005	12:20:44 PM	1
1	10/20/2005	12:20:44 PM	1
1	10/20/2005	12:26:48 PM	1
1	10/20/2005	12:26:48 PM	1
1	10/20/2005	1:21:24 PM	1
1	10/20/2005	1:21:24 PM	1
1	10/20/2005	1:21:24 PM	1
1	10/20/2005	1:21:24 PM	1
1	10/20/2005	2:16:00 PM	1
1	10/20/2005	2:16:00 PM	1
1	10/20/2005	2:16:01 PM	1
1	10/20/2005	2:16:01 PM	1
1	10/20/2005	3:28:14 PM	1
1	10/20/2005	3:28:15 PM	1
1	10/20/2005	3:28:29 PM	1
1	10/20/2005	3:28:30 PM	1
1	10/20/2005	3:28:30 PM	1
1	10/20/2005	3:28:31 PM	1
1	10/20/2005	3:28:31 PM	1
1	10/20/2005	3:28:31 PM	1
1	10/20/2005	3:28:34 PM	1
1	10/20/2005	3:28:34 PM	1
1	10/20/2005	3:28:35 PM	1
1	10/20/2005	3:29:12 PM	1
1	10/20/2005	3:29:23 PM	1
1	10/20/2005	3:29:23 PM	1
1	10/20/2005	3:29:39 PM	1
1	10/20/2005	3:29:44 PM	1
1	10/20/2005	3:29:47 PM	1
1	10/20/2005	3:29:48 PM	1
1	10/20/2005	3:29:52 PM	1
1	10/20/2005	3:29:53 PM	1
1	10/20/2005	3:29:53 PM	1
1	10/20/2005	3:31:08 PM	1
1	10/20/2005	3:31:08 PM	1
1	10/20/2005	3:31:09 PM	1
1	10/20/2005	4:40:47 PM	1
1	10/20/2005	4:40:47 PM	1
1	10/20/2005	4:40:47 PM	1
1	10/20/2005	4:40:47 PM	1
1	10/20/2005	5:54:55 PM	1
1	10/20/2005	5:54:55 PM	1
1	10/20/2005	5:54:56 PM	1
1	10/20/2005	6:02:58 PM	1
1	10/20/2005	6:02:58 PM	1
1	10/20/2005	6:07:32 PM	1
1	10/20/2005	6:07:32 PM	1
1	10/20/2005	6:07:33 PM	1
1	10/20/2005	7:09:22 PM	1
1	10/20/2005	7:09:22 PM	1
1	10/20/2005	7:09:23 PM	1
1	10/20/2005	7:09:23 PM	1
1	10/20/2005	7:09:24 PM	1
1	10/20/2005	7:09:25 PM	1
1	10/20/2005	7:09:25 PM	1
1	10/20/2005	7:09:25 PM	1
1	10/21/2005	6:38:28 AM	1
1	10/21/2005	6:38:28 AM	1
1	10/21/2005	7:03:20 AM	1
1	10/21/2005	7:03:21 AM	1
1	10/21/2005	9:37:20 AM	1
1	10/21/2005	9:37:20 AM	1
1	10/21/2005	9:37:51 AM	1
1	10/21/2005	9:37:52 AM	1
1	10/21/2005	9:37:53 AM	1
1	10/21/2005	9:37:58 AM	1
1	10/21/2005	9:38:01 AM	1
1	10/21/2005	9:38:09 AM	1
1	10/21/2005	9:38:09 AM	1
1	10/21/2005	9:38:10 AM	1
1	10/21/2005	9:38:10 AM	1
1	10/21/2005	9:38:10 AM	1

SITE 37 OCT 20-22 JAMAR 7

1	10/21/2005	9:38:11 AM	
1	10/21/2005	9:38:12 AM	1
1	10/21/2005	9:38:12 AM	
1	10/21/2005	9:38:12 AM	
1	10/21/2005	9:54:14 AM	1
1	10/21/2005	9:54:15 AM	
1	10/21/2005	10:49:54 AM	1
1	10/21/2005	10:49:54 AM	
1	10/21/2005	10:49:54 AM	1
1	10/21/2005	10:49:54 AM	
1	10/21/2005	1:01:00 PM	1
1	10/21/2005	1:01:00 PM	
1	10/21/2005	1:28:05 PM	1
1	10/21/2005	1:28:05 PM	
1	10/21/2005	1:28:05 PM	1
1	10/21/2005	1:28:05 PM	
1	10/21/2005	1:46:49 PM	1
1	10/21/2005	1:46:49 PM	
1	10/21/2005	1:46:49 PM	1
1	10/21/2005	1:46:50 PM	
1	10/21/2005	2:01:26 PM	1
1	10/21/2005	2:01:27 PM	
1	10/21/2005	3:22:41 PM	1
1	10/21/2005	3:22:41 PM	
1	10/21/2005	5:21:12 PM	1
1	10/21/2005	5:21:12 PM	
1	10/21/2005	5:21:12 PM	1
1	10/21/2005	5:21:12 PM	
1	10/21/2005	5:28:02 PM	1
1	10/21/2005	5:28:02 PM	
1	10/21/2005	5:28:02 PM	1
1	10/21/2005	5:28:02 PM	
1	10/21/2005	5:32:55 PM	1
1	10/21/2005	5:32:55 PM	
1	10/21/2005	5:32:55 PM	1
1	10/21/2005	5:32:55 PM	
1	10/21/2005	5:46:11 PM	1
1	10/21/2005	5:46:16 PM	
1	10/21/2005	5:46:16 PM	1
1	10/21/2005	5:46:20 PM	
1	10/21/2005	5:46:36 PM	1
1	10/21/2005	5:46:37 PM	
1	10/21/2005	5:46:37 PM	1
1	10/21/2005	5:46:39 PM	
1	10/21/2005	5:46:40 PM	1
1	10/21/2005	5:46:40 PM	
1	10/21/2005	5:47:22 PM	1
1	10/21/2005	5:47:22 PM	
1	10/21/2005	5:47:22 PM	1
1	10/21/2005	5:51:39 PM	
1	10/21/2005	5:51:39 PM	1
1	10/21/2005	5:51:40 PM	
1	10/21/2005	7:25:49 PM	1
1	10/21/2005	7:25:49 PM	
1	10/21/2005	8:14:26 PM	1
1	10/21/2005	8:14:26 PM	
1	10/21/2005	8:14:26 PM	1
1	10/21/2005	8:14:26 PM	
			35
1	10/22/2005	7:34:11 AM	1
1	10/22/2005	7:34:11 AM	
1	10/22/2005	7:34:11 AM	
1	10/22/2005	9:12:41 AM	1
1	10/22/2005	9:12:42 AM	
1	10/22/2005	9:12:51 AM	1
1	10/22/2005	9:12:52 AM	
1	10/22/2005	10:11:33 AM	1
1	10/22/2005	10:11:33 AM	
1	10/22/2005	10:11:33 AM	1
1	10/22/2005	10:11:33 AM	
1	10/22/2005	10:32:59 AM	1
1	10/22/2005	10:32:59 AM	
1	10/22/2005	10:33:00 AM	1
1	10/22/2005	10:33:00 AM	
1	10/22/2005	11:29:23 AM	1
1	10/22/2005	11:29:24 AM	
1	10/22/2005	11:29:27 AM	1
1	10/22/2005	11:29:29 AM	
1	10/22/2005	11:29:29 AM	1
1	10/22/2005	11:29:29 AM	
1	10/22/2005	11:29:32 AM	1
1	10/22/2005	11:29:32 AM	
1	10/22/2005	11:37:09 AM	1
1	10/22/2005	11:37:09 AM	
1	10/22/2005	11:37:10 AM	1
1	10/22/2005	11:37:10 AM	
1	10/22/2005	11:53:46 AM	1
1	10/22/2005	11:53:48 AM	
1	10/22/2005	11:53:57 AM	
1	10/22/2005	11:54:40 AM	
1	10/22/2005	11:55:04 AM	1
1	10/22/2005	11:55:04 AM	
1	10/22/2005	11:55:05 AM	
1	10/22/2005	3:18:39 PM	1
1	10/22/2005	3:18:39 PM	
1	10/22/2005	3:18:39 PM	1
1	10/22/2005	3:18:39 PM	
1	10/22/2005	4:29:29 PM	1
1	10/22/2005	4:29:42 PM	
1	10/22/2005	4:29:46 PM	
1	10/22/2005	4:29:49 PM	
1	10/22/2005	4:29:55 PM	1
1	10/22/2005	4:29:55 PM	

SITE 37 OCT 20-22 JAMAR 7

1	10/22/2005	4:44:43 PM	1
1	10/22/2005	4:44:43 PM	
1	10/22/2005	5:34:31 PM	1
1	10/22/2005	5:34:32 PM	
1	10/22/2005	6:40:58 PM	1
1	10/22/2005	6:40:58 PM	
1	10/22/2005	6:40:58 PM	1
1	10/22/2005	6:40:59 PM	
1	10/22/2005	9:47:15 PM	1
1	10/22/2005	9:47:15 PM	
1	10/22/2005	9:47:15 PM	1
1	10/22/2005	9:54:57 PM	
1	10/22/2005	9:54:57 PM	1
1	10/22/2005	9:54:58 PM	
1	10/22/2005	9:54:58 PM	1
			25
1	10/23/2005	10:00:29 AM	1
1	10/23/2005	10:00:30 AM	
1	10/23/2005	10:00:30 AM	1
1	10/23/2005	11:10:26 AM	
1	10/23/2005	11:10:26 AM	1
1	10/23/2005	11:10:26 AM	
1	10/23/2005	11:10:26 AM	1
1	10/23/2005	12:12:12 PM	
1	10/23/2005	12:12:12 PM	1
1	10/23/2005	12:12:13 PM	
1	10/23/2005	12:43:49 PM	1
1	10/23/2005	12:43:49 PM	
1	10/23/2005	12:43:50 PM	1
1	10/23/2005	12:43:50 PM	
1	10/23/2005	12:46:26 PM	1
1	10/23/2005	12:46:26 PM	
1	10/23/2005	12:46:26 PM	1
1	10/23/2005	12:46:26 PM	
1	10/23/2005	1:49:05 PM	1
1	10/23/2005	1:49:05 PM	
1	10/23/2005	1:49:05 PM	1
1	10/23/2005	1:49:05 PM	
1	10/23/2005	1:52:23 PM	1
1	10/23/2005	1:52:23 PM	
1	10/23/2005	1:52:23 PM	1
1	10/23/2005	3:49:51 PM	
1	10/23/2005	3:49:52 PM	1
1	10/23/2005	6:19:29 PM	
1	10/23/2005	6:19:29 PM	1
1	10/23/2005	6:19:29 PM	
1	10/23/2005	6:19:29 PM	1
1	10/23/2005	6:19:29 PM	
1	10/23/2005	8:30:43 PM	1
1	10/23/2005	8:30:43 PM	
1	10/23/2005	8:30:43 PM	1
1	10/23/2005	8:30:43 PM	
1	10/23/2005	9:33:04 PM	1
1	10/23/2005	9:33:05 PM	
1	10/23/2005	9:33:05 PM	1
1	10/23/2005	9:33:05 PM	
			17

SITE 38 OCT 20-22 JAMAR 8

Sensor	Date	Time	Count
1	10/20/2005	10:16:15 AM	1
1	10/20/2005	10:16:15 AM	
1	10/20/2005	10:16:15 AM	
1	10/20/2005	10:40:19 AM	2
1	10/20/2005	10:40:38 AM	
1	10/20/2005	10:40:51 AM	
1	10/20/2005	11:53:41 AM	3
1	10/20/2005	11:53:41 AM	
1	10/20/2005	11:53:41 AM	
1	10/20/2005	3:37:27 PM	4
1	10/20/2005	3:37:27 PM	
1	10/20/2005	3:37:30 PM	
1	10/20/2005	4:00:33 PM	5
1	10/20/2005	4:00:33 PM	
1	10/21/2005	9:45:16 AM	1
1	10/21/2005	9:46:36 AM	

SITE 38 OCT 20-22 JAMAR 8

1	10/21/2005	4:17:55 PM	2
1	10/21/2005	4:17:57 PM	
1	10/21/2005	4:17:57 PM	
1	10/21/2005	5:49:20 PM	3
1	10/21/2005	5:49:22 PM	
1	10/21/2005	5:52:31 PM	4
1	10/21/2005	5:52:53 PM	
1	10/21/2005	5:52:54 PM	
1	10/21/2005	5:53:00 PM	5
1	10/21/2005	5:53:01 PM	
1	10/21/2005	5:53:29 PM	
1	10/22/2005	12:01:45 PM	1
1	10/22/2005	12:02:07 PM	
1	10/22/2005	12:02:08 PM	
1	10/22/2005	4:38:21 PM	2
1	10/22/2005	4:38:21 PM	
1	10/22/2005	4:38:36 PM	
1	10/22/2005	4:38:42 PM	
1	10/23/2005	2:51:44 PM	1
1	10/23/2005	2:51:44 PM	
1	10/23/2005	3:56:13 PM	2
1	10/23/2005	3:56:13 PM	
1	10/23/2005	3:56:43 PM	
1	10/23/2005	3:56:52 PM	3
1	10/23/2005	3:56:54 PM	

Appendix D

Clark County, Nevada

Section 2 – Annual Reports on Paved Road and Shoulder Improvements - 2006

- A. Clark County Public Works
- B. City of Las Vegas, Nevada
- C. City of Henderson, Nevada
- D. City of North Las Vegas, Nevada

Appendix D

Clark County, Nevada

**Section 2 – Annual Reports on Paved Road and
Shoulder Improvements - 2006**

A. Clark County Public Works Report



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@co.clark.nv.us

March 26, 2007

Mr. Lewis Wallenmeyer, Acting Director
Department of Air Quality & Environmental Management
500 South Grand Central Parkway – 1st Floor
P. O. Box 555210
Las Vegas, Nevada 89155-5210

2007 MAR 28 AM 11:54
RECEIVED
CC-DIADM

SUBJECT: ANNUAL REPORT ON PAVED ROAD AND SHOULDER IMPROVEMENTS

In response to your letter of October 31, 2006:

- Total miles of paved roads under the jurisdiction of the owner/operator:
 - 2004 – 5,691 lane miles
 - 2005 – 6,071 lane miles
 - 2006 – 6,291 lane miles
- Miles of paved road constructed or modified during the calendar year:
 - 2004 – 380 lane miles
 - 2005 – 220 lane miles
 - 2006 – 156 lane miles
- Documentation on meeting the requirements of Sections 93.2.1.1 through 93.2.1.5 for newly constructed or modified roads:

Enclosed is a copy of Standard Drawing 209 for use in the non-attainment area

- Updates on progress in paving all unpaved roads with average daily traffic of 150 or greater:

42 centerline miles were paved in 2006

BOARD OF COUNTY COMMISSIONERS

RORY REID, Chairman • CHIP MAXFIELD, Vice-Chairman
SUSAN BRAGER • TOM COLLINS • CHRIS GIUNCHIGLIANI • LAWRENCE WEEKLY • BRUCE L. WOODBURY
VIRGINIA VALENTINE, P.E., County Manager

Mr. Lewis Wallenmeyer, Acting Director
Department of Air Quality & Environmental Management
Subject: Annual Report on Paved Road and Shoulder Improvements
March 26, 2007
Page 2

I hope this meets with your needs. If you have any questions or need further information, please feel free to contact Les Henley, Deputy Director, at 455-4107.

Sincerely,

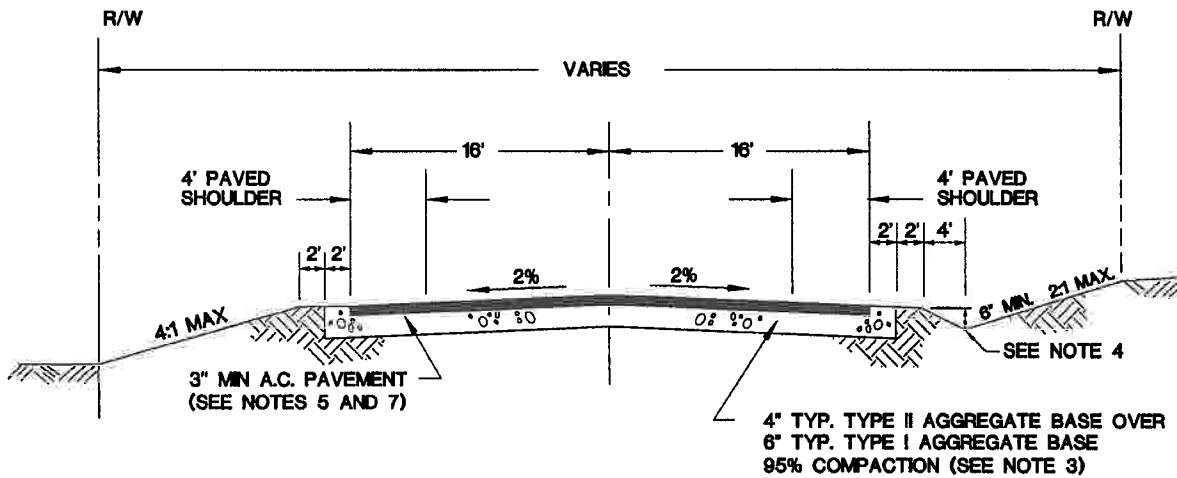


Denis Cederburg
Director of Public Works

DLC:vbc

Enclosure

cc/enc: Leslie R. Henley, Deputy Director of Public Works
Cameron Harper, Manager, Public Works Maintenance Management Division
Mike Hand, Manager, Public Works, Design Engineering Division
Gustave T. Cederburg, Chief Construction Engineer, Public Works Construction Management Division
Kathy Kingston, Senior Civil Engineer, Public Works Construction Management Division
Rick Maroske, Public Works Construction Management Division
Mona Stammetti, Public Works Design Engineering Division
Rodney Langston, Department of Air Quality & Environmental Management



NOTES:

1. INTERSECTIONS SHALL HAVE 34 FOOT MINIMUM EDGE OF A.C. RETURN RADII.
2. COMPACTION OF AGGREGATE BASE AND SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH THE UNIFORM STANDARD SPECIFICATIONS.
3. STRUCTURAL SECTION SHOWN IS BASED ON A SUBGRADE "R" VALUE OF 20. OTHER STRUCTURAL SECTIONS MAY BE APPROVED IF BASED ON ENGINEERING ANALYSIS BASED ON "R" OR "CBR" VALUES DETERMINED BY SOIL TESTING.
4. CULVERTS MAY BE REQUIRED AT DRIVEWAYS.
5. A.C. PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 401 OF THE UNIFORM STANDARD SPECIFICATIONS. ALTERNATE PAVING MATERIALS MAY BE USED AT THE DISCRETION OF THE ENTITY.
6. PAVEMENT MARKINGS MAY BE REQUIRED AND INCLUDE DOUBLE YELLOW CENTERLINE, RAISED PAVEMENT MARKERS OR YELLOW PAINT, AND 4' OFFSET WHITE PAINTED EDGELINES.
7. PAVEMENT WIDTH AND PAVEMENT THICKNESS MAY BE REDUCED TO 28 FEET (14 FEET EACH DIRECTION) AND 2 INCHES RESPECTIVELY BASED UPON A DETERMINATION BY THE LOCAL ENTITY THAT THE REDUCED WIDTH AND THICKNESS WILL PROVIDE SATISFACTORY LIFE AND A SAFE ROADWAY.

SPECIFICATION REFERENCE		UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA		
302	AGGREGATE BASE	ACCESS ROADS (FOR USE IN HYDROGRAPHIC BASIN NO. 212) (PM-10 NON-ATTAINMENT AREAS)		
401	BITUMINOUS PAVEMENT			
		DATE 5-20-04	DWG. NO. 209	PAGE NO. 15

Appendix D

Clark County, Nevada

**Section 2 – Annual Reports on Paved Road and
Shoulder Improvements - 2006**

B. City of Las Vegas, Nevada Report



March 21, 2007

RECEIVED
CC-DAOM

2007 MAR 23 A 11:32

Mr. Rodney Langston
Clark County
Department of Air Quality and Environmental Management
500 S. Grand Central Parkway, 1st Floor
P.O. Box 555210
Las Vegas, Nevada 89155

LAS VEGAS CITY COUNCIL

OSCAR B. GOODMAN
MAYOR

GARY REESE
MAYOR PRO TEM

LARRY BROWN
STEVE WOLFSON
LOIS TARKANIAN
STEVEN D. ROSS
WARD 5 (VACANT)

DOUGLAS A. SELBY
CITY MANAGER

Dear Mr. Langston:

The information requested for the Annual Report on Paved Road and Shoulder Improvements is as followed.

1. Total miles of paved road –	2004	1,240 miles
	2005	1,278 miles
	2006	1,296 miles

* Miles reported is centerline miles

2. Miles of paved road constructed –	2004	15 miles
	2005	38 miles
	2006	18 miles

* Miles reported is centerline miles

3. The City of Las Vegas follows the Region Transportation Commissions (RTC) "Blue Book" Specification Standards for the paved road shoulder design. All the agencies within the Las Vegas Valley are following the same standards.

4. Paving of the unpaved road has been completed. Currently, the City of Las Vegas has no maintained unpaved road.

If you need any additional information, please feel free to contact me at (702) 229-2338 or cshih@lasvegasnevada.gov

Sincerely,

Cheng T. Shih, P.E.
Environmental Officer
Phone: (702) 229-2338

CITY OF LAS VEGAS
400 STEWART AVENUE
LAS VEGAS, NEVADA 89101

VOICE 702.229.6011
TDD 702.386.9108
www.lasvegasnevada.gov





CTS/cp

cc: Randy Fultz, P.E.
Greg McDermott, P.E.
Paul Webster

LAS VEGAS CITY COUNCIL

OSCAR B. GOODMAN
MAYOR

GARY REESE
MAYOR PRO TEM

LARRY BROWN
STEVE WOLFSON
LOIS TARKANIAN
STEVEN D. ROSS
WARD 5 (VACANT)

DOUGLAS A. SELBY
CITY MANAGER

CITY OF LAS VEGAS
400 STEWART AVENUE
LAS VEGAS, NEVADA 89101

VOICE 702.229.6011
TDD 702.386.9108
www.lasvegasnevada.gov





Department of Air Quality & Environmental Management

500 S Grand Central Parkway 1st Fl • PO Box 555210 • Las Vegas NV 89155-5210
(702) 455-5942 • Fax (702) 383-9994

Christine L. Robinson, Director • Alan Pinkerton, Deputy Director • Lewis Wallenmeyer, Assistant Director

October 31, 2006

Charles Kajkowski, Public Works Director
City of Las Vegas
400 Stewart Avenue, 4th floor
Las Vegas, NV 89101

ANNUAL REPORT ON PAVED ROAD AND SHOULDER IMPROVEMENTS

The Clark County Department of Air Quality and Environmental Management requests that you submit the subject annual report before March 31, 2007. As required by the Clark County Air Quality Regulations (Sections 93.2-93.2.1.5 and 93.3-93.3.3) and the *PM₁₀ State Implementation Plan for Clark County* (Section 4.8.3), please provide the following information in your report:

- Total miles of paved roads under the jurisdiction of the owner/operator.
- Miles of paved roads constructed or modified during the calendar year.
- Documentation on meeting the requirements of Sections 93.2.1.1 through 93.2.1.5 for newly constructed or modified roads.
- Updates on progress in paving all unpaved roads with average daily traffic of 150 or greater.

We have enclosed copies of the regulations mentioned above. DAQEM will need this information for calendar years 2004, 2005, and 2006 to complete the Clark County Final Milestone Achievement Report, scheduled to be submitted to the U. S. Environmental Protection Agency June 30, 2007.

Please submit the report to Rodney Langston. If you have questions or need more information, please contact Mr. Langston at 455-1661. Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "L. Wallenmeyer".

Lewis Wallenmeyer, Acting Director

Encl

Cc:

D. Ransel, DAQEM

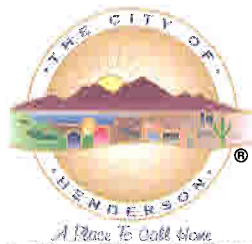
J. Koswan, DAQEM

Appendix D

Clark County, Nevada

**Section 2 – Annual Reports on Paved Road and
Shoulder Improvements - 2006**

C. City of Henderson, Nevada Report



RECEIVED
CC-DAQM

2007 MAR -1 P 1:59

CITY OF HENDERSON
240 Water Street
P. O. Box 95050
Henderson, NV 89009

February 27, 2007

Mr. Lewis Wallenmeyer, Acting Director
Department of Air Quality Management
500 Grand Central Parkway 1st Floor
POBox 555210
Las Vegas, NV 89155-5210

RE: Annual Report on Paved Road and Shoulder Improvements

Dear Mr. Wallenmeyer:

Pursuant to Section 93 of the Air Quality Regulations, the City of Henderson provided an annual report to the Clark County Department of Air Quality Management on February 27, 2002, September 9, 2003 and March 29, 2004, describing the progress between June 1, 2000 and June 1, 2001 on paving all unpaved roadways that exceed 150 vehicles per day. As stated in the previous reports, all roadways identified having average daily traffic (ADT) volumes in excess of 100 vehicles per day had been paved as of June 1, 2001.

Since November 9, 2000, the City had identified additional publicly owned and maintained roadways/alleys under the jurisdiction of the City and within the City's corporate boundaries on a section by section basis. Utilizing funds from the congestion, mitigation and air quality (CMAQ) program, the City completed CMAQ Paving Project #1 (5.9 miles), CMAQ Paving Project #2 (12.9 miles), and CMAQ Paving Project #3 (4.7 miles) of publicly owned and maintained roadways/alleys to a width of 32 feet by December 31, 2006 (see attached inventory for Project #1, Project #2, and Project #3).

As of December 31, 2006, the City maintains 788 centerline miles of paved roadways. At this time, any remaining unpaved roadways, rural roadways, and/or alleys with traffic volumes of 10 ADT to 100 ADT will be paved with CMAQ Paving Project #4. The City anticipates that no unpaved roadways will exist after December 31, 2007.

Currently, the City of Henderson does not have any roadways with a paved section less than 28 feet. Therefore, as required by *Chapter 4: PM10 Control Measures, Section 4.8.3.2: Commitment to Stabilize Shoulders of Paved Roads*, the City of Henderson is currently in full compliance. Additionally, the City is and will continue monitoring additional roads due to development that will require control measures set forth in Section 4.8.3.2.

Should you or your staff have any questions about the report, please contact Jonna Sansom at 702-267-3062.

Best regards,

For: Robert A. Murnane, P.E.
Director of Public Works

jls
Attachments

cc: Jonna L. Sansom, Engineering Services Manager
D. Ransel, Department of Air Quality & Environmental Management
J. Kosman, Department of Air Quality & Environmental Management

CMAQ PAVING PROJECT #1 - CITY OF HENDERSON

Section 4, 9 & 16			
Street	From	To	Length (Ft)
Berlin	Hull	Racetrack	330
Berlin	Milan	Orleans	660
Lisbon	Dublin	South	330
Naples	Cadiz	Dublin	660
Parawan	Cadiz	Dublin	660
Cadiz	Parawan	Magic	330
Dublin	Naples	Orleans	330
Parawan	London	North	500
Parawan	London	Madrid	660
Orleans	Havre	Ithaca	660
Orleans	London	North	300
Glasgow	Athens	Cadiz	1490
Glasgow	Essex	South	300
Belfast	Madrid	South	300
Havre	Orleans	Magic	660
London	Kiel	Parawan	1650
Madrid	Cannes	Belfast	330
Kiel	Warm Springs	South	500
Madrid	Milan	Parawan	990
Fife	Essex	Geneva	1320
Seville	Milan	Parawan	990
Toronto	Orleans	Magic	660
Lisbon	Warm Springs	South	500
Milan	Paris	Seville	2640
Orleans	Rayenna	Burkholder	1980
Parawan	Seville	Toronto	660
Magic	Seville	Burkholder	1320
Section 32			
Patty Ann Woods	Greenway	East	1300
Section 24			
Manhattan	Serene	Candelaria	660
Kingston	Richmar	Edgemont	330
Richmar	330' E Kingston	East	165
Delano	Goldhill	West	330
Richmar	Goldhill	East	300
Galena	Jessup	West	300
Ione	Galena	Hardin	330
Edgemont	Jessup	West	495
Section 24 Widening			
Goldhill	Serene	Richmar	1300
Jessup	Candelaria	Hardin	1300
Hardin	Eastern	Ione	1950
Candelaria	Leadville	Manhattan	660
		TOTAL =	31130
		Miles =	5.90

2001 MAR - 1 P 2:00

RECEIVED
CC-DADM

CMAQ PAVING PROJECT #2 - CITY OF HENDERSON

Section 4, 9, 10, 16 & 32			
Street	From	To	Length (FT)
Amigo	Welpman	Dale	1300
Bermuda	St Rose Pkwy	Bruner	2780
Bermuda	Bruner	400' south	400
Bowes	Rancho Destino	Gilespie	660
Bruner	Bermuda	Fairfield	652
Chaparral	Dale	330' north	330
Chaparral	Dale	310' south	310
Dale	Amigo	Radcliff	1950
Desert Palm	Bermuda	330' west	330
Fairfield	Welpman	Mullen	660
Gilespie	Bowes	Dale	1336
Gilespie	Larson	2330' north	2344
Gilespie	Larson	2330' south	2350
Haven	Dale	330' north	335
Larson	Chaparral	East	3261
Lemely	Rancho Destino	Gilespie	660
Mullen	Radcliff	325' east	325
Paradise	Larson	330' north	330
Pollock	Dale	330' north	330
Pollock	Dale	330' south	330
Radcliff	Larson	Mullen	650
Radcliff	Dale	300' south	300
Rancho Destino	Lemely	Bowes (300' N)	1000
Rancho Destino	Dale	680' south	680
Rancho Destino	Larson	2330' south	2330
Rome	Larson	950' north	950
La Cienega	Larson	Shayna	1630
Welpman	Gilespie	2300' east	2300
Welpman	Battista	Amigo	675
Shayna	Gilespie	La Cienega	660
Unknown	Rancho Destino	Gilespie	660
Trenier	Greenway	1610' east	1610
		TOTAL	34418
		Miles =	6.52

Alleys			
Alley Number	Width (FT)	Length (FT)	
1	14	340	
2	15	1100	
3	13	1236	
4	12	1276	
5	14	1156	
6	12	586	
7	17	232	
8	25	1753	
9	25	2320	
10	15	450	
11	12	760	
12	12	1500	
13	13	761	
14	11	707	
15	12	732	
16	13	860	
17	10	1152	
18	16	1141	
19	12	770	
20	10	390	
21	12	1120	
22	12	1100	
23	12	892	
24	12	900	
25	15	2338	
26	18	735	
27	18	600	
28	17	730	
29	16	870	
30	18	990	
31	15	941	
32	17	817	
33	16	1190	
34	16	684	
	TOTAL	33629	
	Miles =	6.37	

Paving Project #2 Total = 12.89 Miles

CMAQ PAVING PROJECT #3- CITY OF HENDERSON

Contract No. 2005-86-0021

PWP-CL-2005-151

Henderson			
Street	From	To	Length (ft)
Cannes	315' North	Firth	315
Glasgow	120' N Dublin	Essex	770
Glasgow	380' S Firth	Firth	380
Hull	170' S Dublin	320' S Dublin	150
Hull	200' N Firth	Firth	200
Keil	Cadiz	Dublin	650
Lisbon	Cadiz	Dublin	650
Dublin	Milan	Naples	290
Parawan	320' S Dublin	Dublin	320
Parawan	320' N Firth	Geneva	970
Lisbon	Jakarta	London	630
Ithica	Lisbon	Orleans	1,010
Naples	Havre	Ithica	630
Orleans	330' N Havre	Havre	330
Orleans	Jakarta	390' S Jakarta	390
Jakarta	Orleans	Parawan	270
Parawan	Jakarta	160' S Jakarta	160
Parawan	Madrid	Warm Springs	680
London	Parawan	Magic	270
Madrid	Parawan	Magic	270
Magic	London	Warm Springs	1,310
Drake	Milan	Parawan	990
Qatar	Naples	Orleans	370
Naples	Drake	Qatar	580
Orleans	Drake	Qatar	580
Qatar	Parawan	Magic	290
Paris	Parawan	Magic	290
Magic	Paris	Qatar	660
Warm Springs	Parawan	Magic	330
Seville	Parawan	Magic	320
Toronto	270' W Orleans	Orleans	270
Milan	Burkholder	390' S Burkholder	390
Belfast	Madrid	240' N Madrid	240
Alley (W Center)	Ash	Fir	1,200
Wiesner	380' S Aspen Peak	920' N Aspen Peak	1,300
Wiesner	2360' S Aspen Peak	2530' S Aspen Peak	170
Patti Ann Woods	College	2640' W College	2,640
Foxhall	Lomprey	Greenway	3,400
		TOTAL LENGTH (FT) =	24,665
		Total Length in Miles =	4.67

EXHIBIT A

CMAQ PAVING PROJECT #4- CITY OF HENDERSON Proposed Contract

Henderson						
Street	From	To	Length (ft)	Disturbed Width (ft)	ADT	Area (SF)
Venice	Lisbon	Milan	330	40	10	13,200
Milan	390' S Burkholder	Venice	250	40	10	10,000
Oslo	Kiel	Lisbon	300	40	10	12,000
Merlayne	Boulder Highway	950' west of Boulder	950	40	10	38,000
Coroneos	Spring Valley	330' SW of Spring Vly	550	40	10	22,000
Spring Valley	Elliott	Coroneos	550	40	10	22,000
						0
		TOTAL LENGTH (FT) =	2,930			
		Total Length in Miles =	0.55			
					TOTAL AREA DISTURBED (SF) =	117,200
					Total Area Disturbed in Acres =	2.69

Appendix D

Clark County, Nevada

**Section 2 – Annual Reports on Paved Road and
Shoulder Improvements - 2006**

D. City of North Las Vegas, Nevada Report

Mayor
Michael L. Montandon

Council Members
William E. Robinson
Stephanie S. Smith
Shari Buck
Robert L. Eliason



City Manager
Gregory E. Rose

RECEIVED
CC-DAOM

2007 MAY -9 A 11:48

Public Works Department
Majed Al-Ghafry, Director
2266 Civic Drive • North Las Vegas, Nevada 89030
Telephone: (702) 633-1919 • Fax: (702) 649-4696 • TDD: (800) 326-6868
www.cityofnorthlasvegas.com

May 3, 2007

Clark County Department of Air Quality Management
Attn: Rodney Langston
500 S. Grand Central Parkway
Las Vegas, Nevada 89155-1776

RE: City of North Las Vegas Unpaved Roadway Paving

Dear Mr. Langston:

The City of North Las Vegas, Nevada has paved **ALL** unpaved roadways with an average daily traffic count of 100 vehicles or greater within the City's jurisdictional boundaries. The last unpaved roadway with an average daily traffic count of 100 vehicles or greater was paved in March 2004.

In addition to the roadways noted above, the following unpaved roadways were also paved in March 2005:

- Auto Street from Hammer Lane to Ann Road (1/4 mile)
- Ann Road from Auto Street to Puebla Street (1/8 mile)
- Puebla Street from Ann Road to La Mancha Avenue (1/8 mile)
- La Mancha Avenue from Puebla Street to Lamont Street (1/4 mile)
- Lamont Street from La Mancha Avenue to El Campo Grande (1/8 mile)
- El Campo Grande from Lamont Street to the East (1/8 mile)

If you have any questions or comments on the City of North Las Vegas Unpaved Roadway Paving program, please call Cliff Moss, P.E. at 633-2775.

Sincerely,

Majed Al-Ghafry
Director of Public Works

cc: Qiong Liu, P.E., Deputy Director/City Engineer/City of North Las Vegas/Public Works Dept.
Tom Brady, P.E., Engineering Planning Manager/City of North Las Vegas/Public Works Dept.
John Runiks, Manager, Roadway Operations/City of North Las Vegas/Public Works Dept.