



October 9, 2009
Project No. 20082449V1

Mr. Ranajit Sahu, C.E.M., Ph.D.
Basic Remediation Company
875 West Warm Springs Road
Henderson, Nevada 89011

RE: First Eight Rows Sub-Area Soil Sampling, Henderson, Nevada

Dear Dr. Sahu:

PROVIDING

- Geotechnical Engineering
- Construction Materials Engineering
- Environmental Engineering
- Drilling Services

On August 7, 2009 through September 4, 2009, Geotechnical and Environmental Services, Inc. (GES) implemented a sampling program per direction of Basic Remediation Company (BRC). This activity report details the scope of services performed, which consisted of the following:

- August 11, 2009: USA Underground utility alert.
- August 7 – 12, 2009: Staked and located forty (40) sampling locations with a GPS Trimble ProXH Unit. The sample location coordinates were provided by ERM. Also collected 40 surface-soil samples for an asbestos survey.
- August 13 – September 4, 2009: Collected one-hundred seven (107) soil samples from forty (40) boring locations throughout the site at depths ranging from 10.0 to 21 feet. Additionally, one boring was sampled for synthetic precipitation leaching procedure (SPLP) at the deepest designated sample interval. Duplicate samples were taken approximately every 10th sample, while MS/MSD samples were collected every 20th sample. A total of nine (9) field duplicate samples, five (5) matrix spike/matrix spike duplicates samples and five (5) rinsate samples were taken throughout the sampling event.

GES's scope of services was to implement the field sampling program so that others can evaluate the data resulting from our sampling efforts. Therefore, this report does not provide conclusions regarding the analytes or their levels of occurrence.

Field Investigation Methodology

Asbestos – Forty (40) asbestos surface samples were collected using the EPA 540 Elutriator Method. All samples were submitted to EMSL Analytical, Inc. for analysis.

Soils - Soil samples were taken from forty (40) borings drilled using the hollow stem auger method. The boreholes were initiated using a Diedrich D-50+ Track Drill Rig outfitted with 6-1/2 inch outside diameter hollow stem augers. A California modified split spoon sampler was advanced at least 18 inches per sampling interval by using an autohammer with an equivalent force of a 140-pound hammer falling 30 inches for each blow.

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Soil samples were logged according to the USCS Classification by a qualified Geologist. In addition, each sample was examined for odors and stains. The soil from each sample interval was field screened for volatile organic vapors (VOCs) using photoionization detector probes (10.6 eV and 11.7 eV) (PID). The PID results and any odors or soil staining observed during the course of fieldwork are shown on the boring logs (Appendix A, Figures 4 through 44).

At each sample location and depth interval, the samples were collected in six (6) clean 2.5-inch diameter by 6.0-inch long stainless steel sleeves using standard split spoon sampling techniques. The ends of each sleeve(s) retained for analysis were covered with Teflon sheeting and placed in a sealable ZipLock™ type plastic bag.

Each sample was provided a unique sampling number with the following designation: Sample Location, Depth Interval, Date, and Time. For example, the first sampling location was identified as ERC1-AR31-0, 8/13/09, 0740, while the final sampling location was identified as ERC1-JS37-10, 9/2/09, 1150. The soil samples were stored in coolers with ice and shipped daily via FedEx to Test America Laboratories (Earth City, Missouri), GEL Laboratory (Charleston, South Carolina) and Advanced Terra Testing, Inc. (Lakewood, Colorado).

Soil samples and the breathing zone were monitored by two photoionization detector probes (10.6 eV and 11.7 eV) by GES personnel. The health and safety monitoring effort complied with the **BRC Health and Safety Plan, October, 2005**.

Decontamination Procedures

The drilling equipment and all down-hole equipment were decontaminated prior to initial usage and then between each borehole location. Decontamination of drilling equipment consisted of high pressure washing prior to initial boring. All down-hole equipment was washed between borehole locations using Liquinox™ detergent wash, a potable water rinse, and a final rinse with commercially available distilled water. The stainless steel scoop used for asbestos sampling was wiped clean prior to use and between sample locations.

Investigative Derived Waste (IDW)

All Investigative Derived Waste consisted of drilling cuttings (soil) and equipment decontamination waste (Liquinox laboratory grade detergent and rinse water). Ground water was not encountered, therefore the drill cuttings were returned to the borehole after the sampling was completed. Decontamination fluid was minimal and disposed of in the boreholes.

Documentation

Documentation of the field activities consists of figures showing the site location (Vicinity Map, Figure 1), boring locations (Site Map, Figure 2), photographs of representative boring locations (Figure 3) and boring logs (Figure 4). These documents are included as attachments. Copies of the Chain-of-Custodies and daily safety meeting forms are also included as attachments.

Changes to Original Planned Work

During this work there were only minor modifications to the original scope of services. Several locations were moved due to the GPS coordinates placing the borings on top of narrow, unstable soil berms that could not be accessed by a drill rig. The locations that were moved required only minor moves of 10-feet or less. One location, ERC1-AT37, was moved

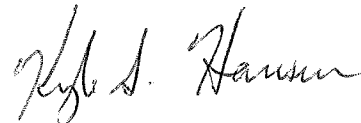
approximately 30 feet northwest due to the GPS coordinates placing the location approximately 25 feet beyond the site boundary fence.

We appreciate this opportunity to provide our professional services. If you have questions or comment, feel free to contact our office at (702) 365-1001.

Sincerely,
Geotechnical & Environmental Services, Inc.



Richard A. Cooke, C.E.M.
Project Geologist
C.E.M. #1820



Kyle S. Hansen, C.E.M.
Environmental Program Manager
C.E.M. #2167

RAC:KSH:vm

Enc.: Figures 1, 2 and 3
Boring Logs (40)
Chain-of-Custody Records (62)
Tailgate Safety Meeting Forms (11)

Dist: 1 pdf copy emailed to client at sahuron@earthlink.net
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1 cc to project file

FIGURES:
VICINITY MAP
EXPLORATION LOCATION MAP
BORING LOGS



★ SITE LOCATION

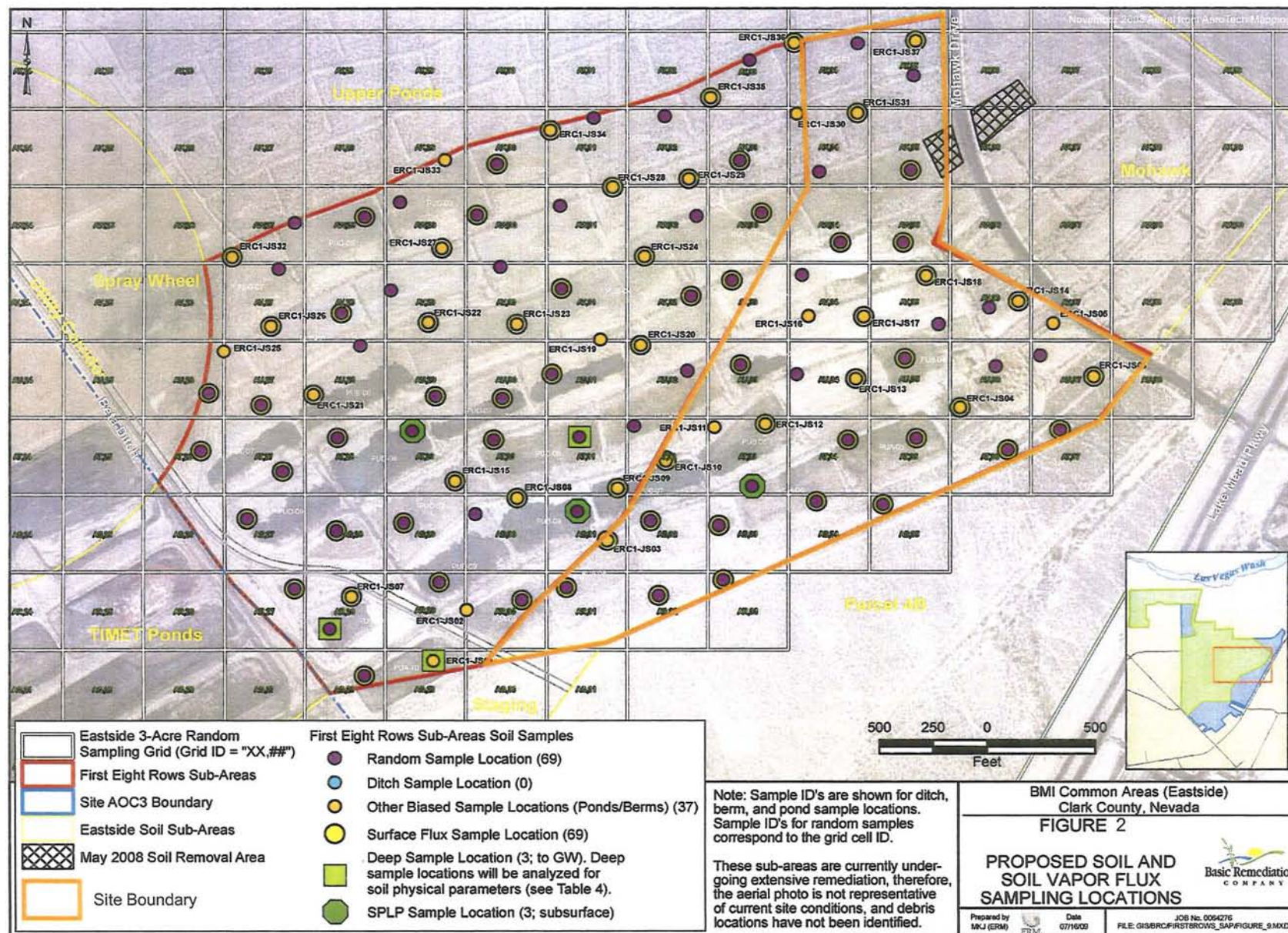


GEOTECHNICAL &
ENVIRONMENTAL
SERVICES, INC.
(702) 365-1001
7150 Placid Street
Las Vegas, Nevada 89119

Vicinity Map
First Eight Rows Sub-Area
Henderson, Nevada

Job #20082449V1

Figure 1





1. AR31: View toward the east.



2. JS03: View toward the east showing remaining soil berm.



3. AS32: View showing location of the boring adjacent to a soil berm.



PROJECT:
First Eight Rows Sub-Area
20082449V1
FIGURE 3
Site Photographs



4. AX35: View showing the location on the side of a soil berm. The location was moved 10' (off the berm).



5. AX35: View showing the location in an undisturbed basin at the north portion of the site.



6. JS37: View showing the location in an undisturbed basin at the north portion of the site.



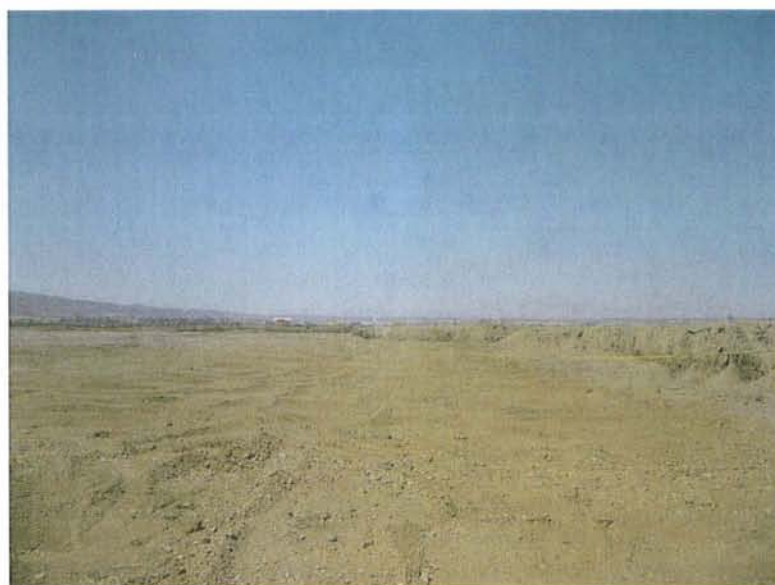
PROJECT:
First Eight Rows Sub-Area
20082449V1
FIGURE 3a
Site Photographs



7. Drilling in progress at AT33.



8. Drilling in progress at AT 34.



9. View west showing the adjacent portion of the First Eight Rows (Phase B).



PROJECT:
First Eight Rows Sub-Area
20082449V1
FIGURE 3b
Site Photographs

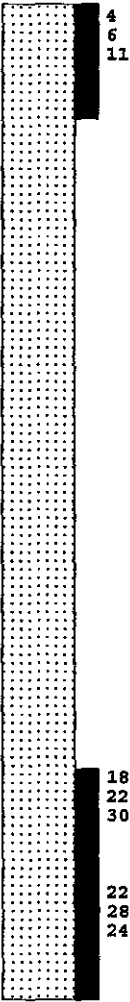
EXPLORATION LOG ERC1-AR31

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" I.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/13/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Brown (10YR 5/3) well graded SAND with gravel, dry and loose. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...medium dense. ...dense.						
2.5									
5									
7.5									
10			...reddish brown (2.5 YR 5/3). PIDs: 10.6 eV = 0.2 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AR32

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/14/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	8 15 29	SW	Reddish brown (5YR 4/3) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...dense. ...very dense.						
2.5	6 13 16								
5									
7.5									
10									
12.5	39 47 42		...weakly cemented. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
15	14 17 47								
END OF BORING AT 16.0 FEET									

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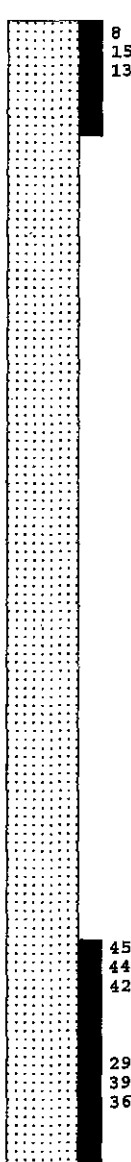
EXPLORATION LOG ERC1-AR33

PROJECT: FIRST EIGHT ROWS SUB-AREA
 EXPLORATION LOCATION: HENDERSON, NEVADA
 EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 8/14/09
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
 FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
 DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Brown (2.5YR 5/4) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5			...strong brown (7.5YR 5/6).						
10									
12.5			...PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
			...dense.						
15			END OF BORING AT 15.0 FEET			C			

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EXPLORATION LOG ERC1-AS32

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/13/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	7 12 29	SW	Reddish brown (5YR 5/4) well graded SAND, dry and medium dense. PIDs: 10.6 eV = 0.4 ppmV; 11.7 eV = 0.1 ppmV. No odors or stains.						
2.5	12 24 26		...dense.						
5			...very dense.						
7.5			...strong brown (7.5 YR 4/6).						
10									
12.5	17 19 36								
15	27 39 41		...weakly cemented.						
END OF BORING AT 16.0 FEET									

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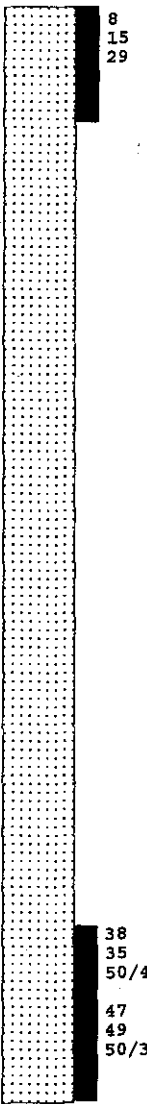
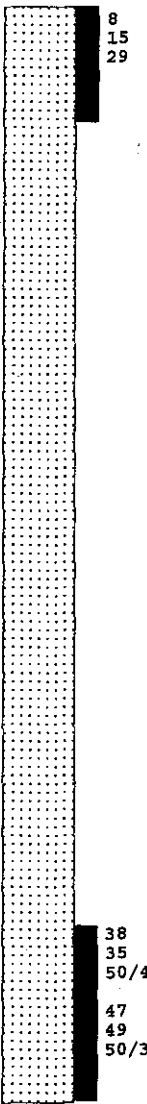
EXPLORATION LOG ERC1-AS33

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/14/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Strong brown (7.5YR 4/6) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 1.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5			...dense. ...very dense.						
5									
7.5			...increasing percent gravel: 20 percent gravel, 80 percent sand.						
10									
12.5			...reddish brown (5YR 5/4), weakly cemented. PIDs: 10.6 eV = 0.3 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
15			END OF BORING AT 14.3 FEET						

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EXPLORATION LOG ERC1-AS35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/18/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	27 39 46	SW	Reddish brown (5YR 4/3) well graded SAND with gravel, trace cobbles, dry and dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...very dense.						
2.5									
5	32 50/3 42								
7.5			...strong brown (7.5YR 5/6).						
10			...weakly cemented.						
12.5									
15	49 47 50/3 36 42 50/5		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
END OF BORING AT 16.7 FEET									

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EXPLORATION LOG ERC1-AT33

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/17/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	37 50/5 47	SW	Brown (7.5YR 4/3) well graded SAND with gravel, trace cobbles, dry and dense. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...very dense.						
2.5									
5	32 50/3 42		...reddish brown (5YR 4/4).						
7.5									
10	37 47 50/3								
12.5	42 50/4		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
			END OF BORING AT 12.3 FEET						
15									

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EXPLORATION LOG ERC1-AT34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/18/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	17 21 18	SW	Light yellowish brown (2.5YR 6/4) well graded SAND with gravel, dry and dense. PIDs: 10.6 eV = 0.2 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5	32 50/3 42		...yellowish brown (10YR 5/4).						
10	21 49 50/2								
12.5	17 22 50/5		...PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
			END OF BORING AT 12.6 FEET						
15									

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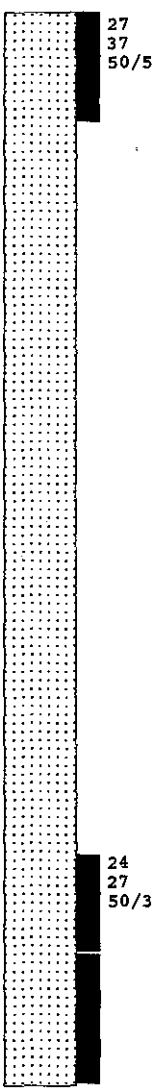
EXPLORATION LOG ERC1-AT35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/18/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Yellowish brown (10YR 5/8) well graded SAND with gravel, dry and very dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10									
12.5			...reddish brown (5YR 4/9). ...PIDs: 10.6 eV = 0.3 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
15			END OF BORING AT 14.0 FEET						

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EXPLORATION LOG ERC1-AT36

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/25/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	49 37 50/2	SW	Pale brown (10YR 6/3) well graded SAND with gravel, trace cobbles, dry and very dense. 50 percent sand, 40 percent gravel, 10 percent cobbles and silt. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...large cobbles from 2 feet to 3 feet.						
2.5	39 50/3								
5									
7.5									
10	37 42 50/4		...65 percent sand, 30 percent gravel, 5 percent cobbles and silt. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AT37

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/20-24/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	7 17 37	SW	Pale brown (10YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. 50 percent sand, 40 percent gravel, 10 percent cobbles and silt. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...brown (7.5YR 5/3) and dense. ...large cobble.						
2.5									
	39 32 27		...very dense.						
5									
7.5									
10									
12.5									
15	24 31 47		...light brown (7.5YR 6/3). PIDs: 10.6 eV = 0.5 ppmV; 11.7 eV = 0.0 ppmv. No odors or stains.						
END OF BORING AT 16.5 FEET									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AU33

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	12 27 50/5	SW	Light brown (7.5YR 6/3) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...dense.						
2.5									
5	18 24 36								
7.5									
10									
12.5									
15	29 50/5		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
			END OF BORING AT 16.5 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AU34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/28/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	11 16 29	SW	Reddish brown (5YR 5/4) well graded SAND with gravel, trace gypsum crystals, dry and medium dense. No odors or stains. ...weakly cemented and very dense.						
2.5									
5	30 50/5		...weakly cemented and very dense. No odors or stains.						
7.5									
10									
12.5									
15									
			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AU35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/28/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Reddish brown (5YR 5/4) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...weakly cemented and very dense. ...moderately cemented and hard.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.5 ppmV; 11.7 eV = 0.0 ppmv. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
 It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AU36

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/25/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	12 21	SW	Reddish brown (5YR 5/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5			...brown (7.5YR 5/3).						
5			...hard drilling through cobbles and boulders.						
7.5									
10	50/3 21 50/3		...dark reddish brown (5 YR 3/4). PIDs: 10.6 eV = 0.5 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...weakly cemented and very dense.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AU37

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/25/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	13 32 37	GM	Light brown (7.5YR 5/3) silty GRAVEL with sand, little cobbles, trace boulders, dry and dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5	39 50/3								
7.5									
10			...hard drilling through cobbles and boulders to 15 feet.						
12.5									
15	17 29 41		...dark reddish brown (5 YR 3/4). PIDs: 10.6 eV = 0.5 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.


EXPLORATION LOG ERC1-AU37

PROJECT: FIRST EIGHT ROWS SUB-AREA
 EXPLORATION LOCATION: HENDERSON, NEVADA
 EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 8/25/09
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
 FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
 DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5									
			END OF BORING AT 18.0 FEET						
20									
22.5									
25									
27.5									
30									
32.5									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
 It is not intended to be representative of subsurface conditions at other locations or times.

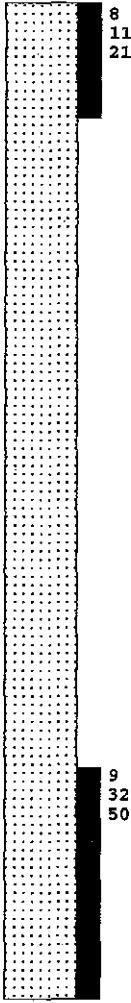
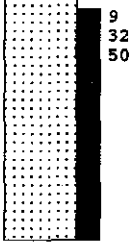
EXPLORATION LOG ERC1-AV34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Pale brown (10YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5			...reddish brown (5YR 4/3).						
10			...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

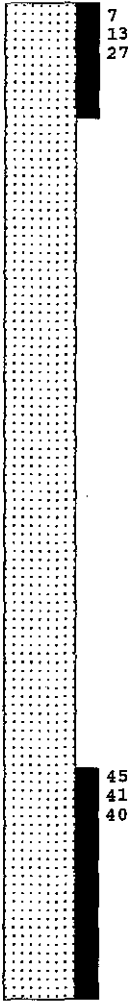
EXPLORATION LOG ERC1-AV35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10			...moist. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5			END OF BORING AT 13.0 FEET						
15									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AV36

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	11 12 15	SW	Reddish brown (5YR 5/3) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.2 ppmV; 11.7 eV = 0.3 ppmV. No odors or stains.						
2.5	9 8 8								
5									
7.5									
10									
12.5	50/5		...moderately cemented and hard. PIDs: 10.6 eV = 0.9 ppmV; 11.7 eV = 0.1 ppmV. No odors or stains.						
15									
END OF BORING AT 16.0 FEET									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-AW34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	7 12 13	SW	Light brown (7.5YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. No odors or stains. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5	12 45 50/5		...dense with cobbles.						
10			...weakly cemented and very dense. No odors or stains. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV.						
12.5									
15									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.


EXPLORATION LOG ERC1-AW34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5			...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
20									
22.5			END OF BORING AT 21.0 FEET						
25									
27.5									
30									
32.5									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

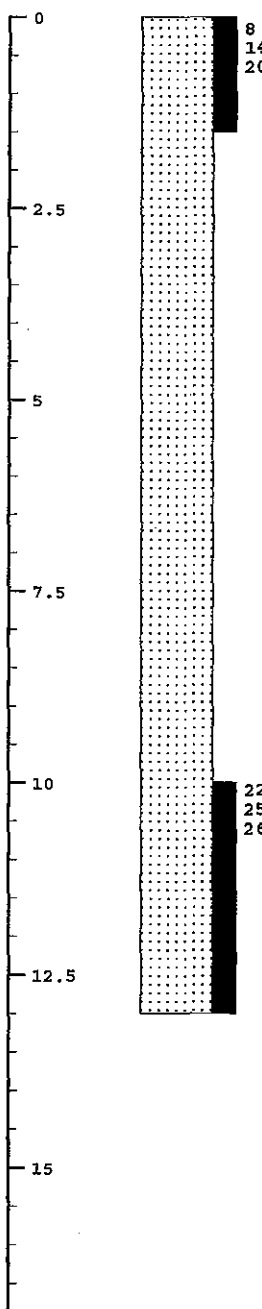
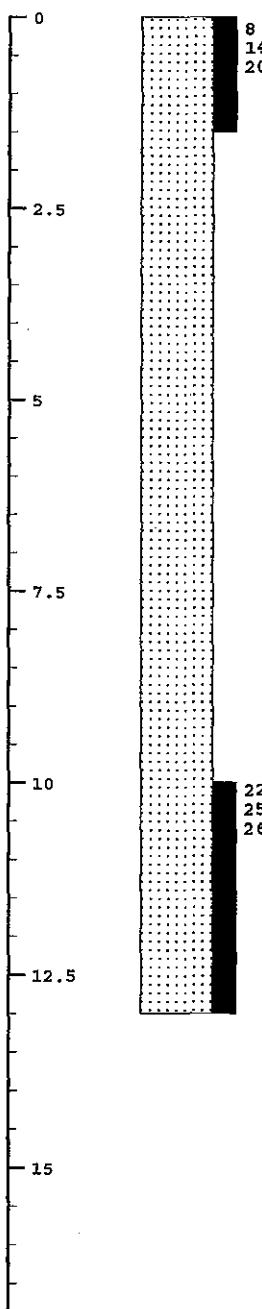
EXPLORATION LOG ERC1-AW35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. No odors or stains.						
2.5									
5									
7.5			...increasing percent gravel.						
10			...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

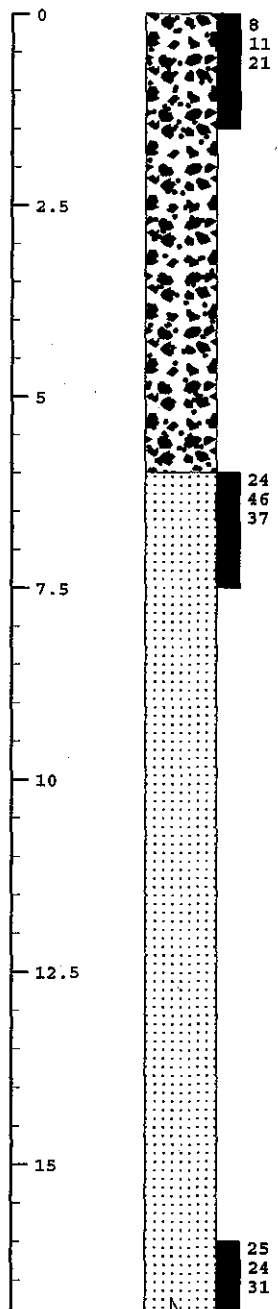
EXPLORATION LOG ERC1-AX34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		GW	Light brown (7.5YR 6/3) well graded GRAVEL with sand, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...dense.						
2.5		SW	Brown (7.5YR 5/3) well graded SAND with gravel, dry and dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...dark reddish brown (5YR 4/2).						
5									
7.5									
10									
12.5									
15									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.


EXPLORATION LOG ERC1-AX34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5									
20			END OF BORING AT 19.0 FEET						
22.5									
25									
27.5									
30									
32.5									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

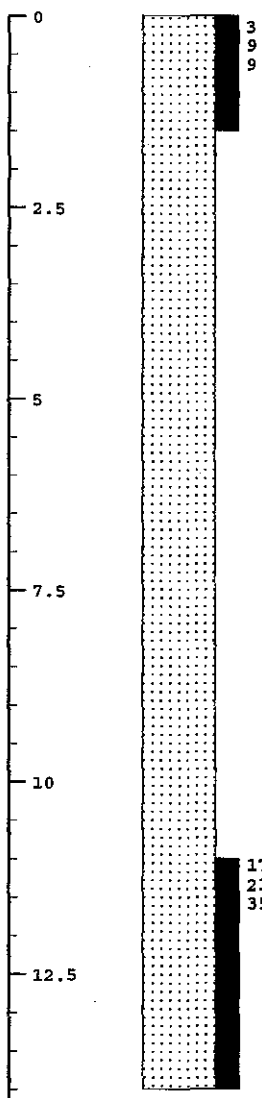
EXPLORATION LOG ERC1-AX35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
15			END OF BORING AT 14.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

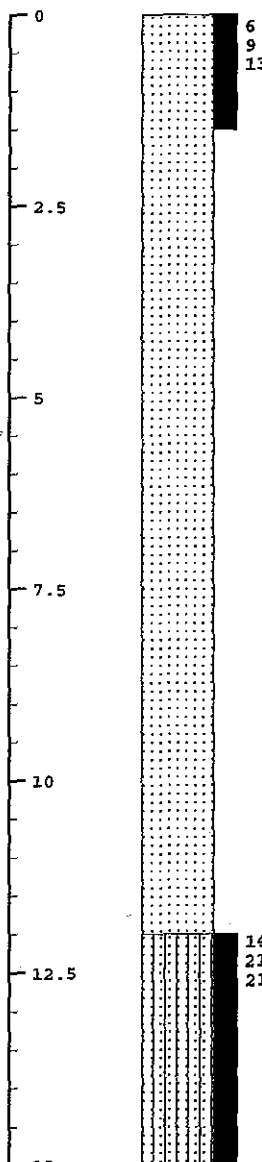
EXPLORATION LOG ERC1-AY34

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/2/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 5/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10									
12.5		SW-SM	Dark reddish brown (5YR 3/3) SAND with silt, dry and medium dense. Iron oxide staining. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors.						
15			END OF BORING AT 15.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

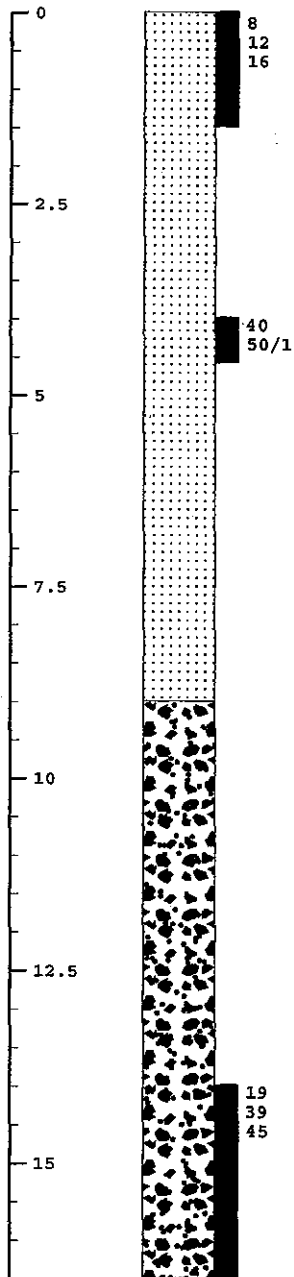
EXPLORATION LOG ERC1-AY35

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/2/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 5/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.3 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5			...very dense. PIDs: 10.6 eV = 0.3 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
5									
7.5									
10		GW	Light brown (7.5YR 6/3) well graded GRAVEL with sand, dry and very dense.						
12.5									
15			...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
END OF BORING AT 16.5 FEET									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

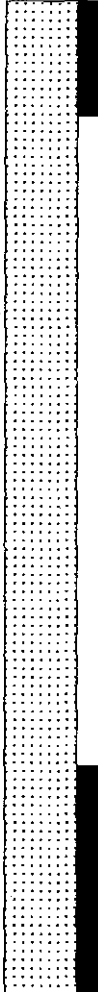
EXPLORATION LOG ERC1-JS03

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/13/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: THOMPSON/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Reddish brown (2.5YR 5/4) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.8 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.4 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...dense.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-JS04

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/25-28/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	37 50/5	SW	Light brown (7.5YR 5/3) well graded SAND with gravel, trace cobbles, dry and very dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5	16 50 50/5		...dense. PIDs: 10.6 eV = 0.6 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...reddish brown (5YR 4/4).						
5									
7.5									
10									
12.5	23 45 39		...dark reddish brown (5 YR 3/4). PIDs: 10.6 eV = 0.5 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
15									
			END OF BORING AT 16.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-JS05

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/25/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	11 9 13	SW	Pale brown (10YR 6/3) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
	24 37 50/5		...dense.						
7.5			...very dense.						
10									
12.5									
15									
	37 50/5		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

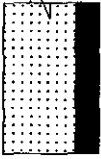
EXPLORATION LOG ERC1-JS05

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/25/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5									
20			END OF BORING AT 19.0 FEET						
22.5									
25									
27.5									
30									
32.5									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-JS06

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/24/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	12 17 32	SW	Pale brown (10YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5	13 27 46		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
7.5									
10									
12.5									
15	18 39 50/5		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
		GM	Light brown (7.5YR 6/3) silty GRAVEL with sand, dry and very dense. (approximately 65						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.


EXPLORATION LOG ERC1-JS06

PROJECT: FIRST EIGHT ROWS SUB-AREA
 EXPLORATION LOCATION: HENDERSON, NEVADA
 EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 8/24/09
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: GACUSAN/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
 FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
 DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5			percent gravel, 30 percent sand, 5 percent silt). ...brown (7.5YR 5/2).						
			END OF BORING AT 18.0 FEET						
20									
22.5									
25									
27.5									
30									
32.5									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
 It is not intended to be representative of subsurface conditions at other locations or times.

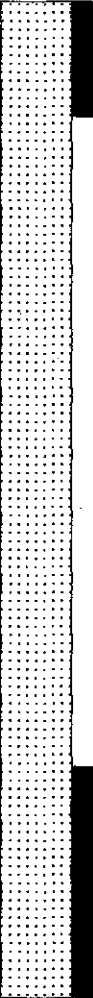
EXPLORATION LOG ERC1-JS10

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Dark reddish brown (5YR 3/3) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.3 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.7 ppmV; 11.7 eV = 0.1 ppmV. No odors.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

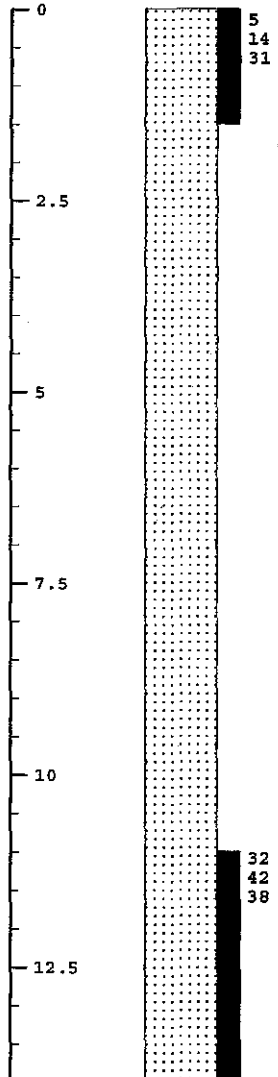
EXPLORATION LOG ERC1-JS11

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Reddish brown (5YR 5/4) well graded SAND with gravel, dry and dense. PIDs: 10.6 eV = 0.2 ppmV; 11.7 eV = 0.3 ppmV. No odors or stains. ...weakly cemented and very dense.						
2.5									
5									
7.5									
10									
12.5			...moist and very dense. PIDs: 10.6 eV = 0.8 ppmV; 11.7 eV = 0.6 ppmV. No odors or stains.						
15			END OF BORING AT 14.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
 It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG

ERC1-JS12

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

[illegible]

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

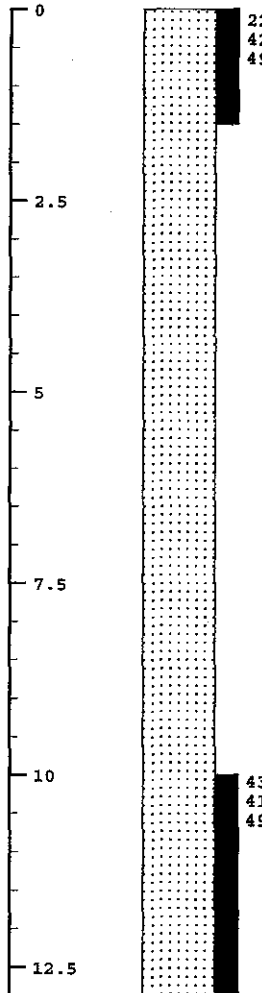
EXPLORATION LOG ERC1-JS13

PROJECT: FIRST EIGHT ROWS SUB-AREA
 EXPLORATION LOCATION: HENDERSON, NEVADA
 EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 8/28/09
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/GAREY

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
 FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
 DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Reddish brown (5YR 5/4) well graded SAND with gravel, trace cobbles, dry and dense. PIDs: 10.6 eV = 1.5 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.5 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-JS14

PROJECT: FIRST EIGHT ROWS SUB-AREA
 EXPLORATION LOCATION: HENDERSON, NEVADA
 EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 8/31/09
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
 FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
 DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	5 14 31	SW	Light brown (7.5YR 6/3) well graded SAND with gravel, dry and dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5			...cobbles to 5 feet.						
5	37 21 24		...reddish brown, trace gypsum.						
7.5									
10									
12.5									
15	26 50/4		...moist and very dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
END OF BORING AT 16.5 FEET									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

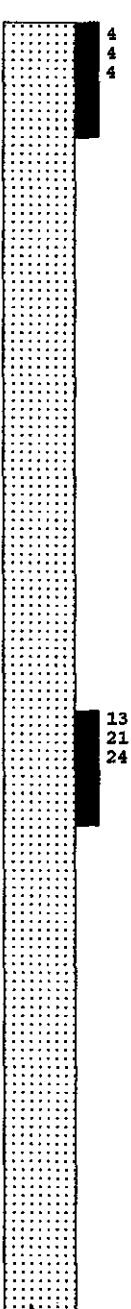
EXPLORATION LOG ERC1-JS16

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 6/3) well graded SAND with gravel, dry and loose. No odors or stains. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV.						
2.5			...medium dense.						
5									
7.5									
10			...weakly cemented and very dense. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

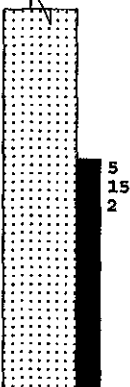
EXPLORATION LOG ERC1-JS16

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5			...cobbles. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
20									
22.5			END OF BORING AT 22.0 FEET						
25									
27.5									
30									
32.5									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made.
It is not intended to be representative of subsurface conditions at other locations or times.

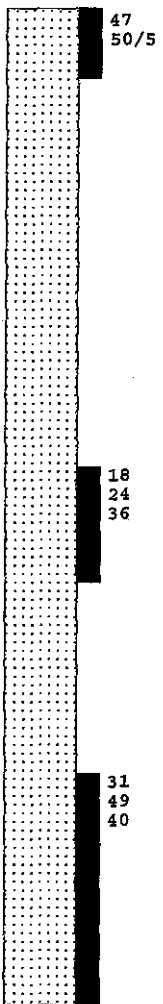
EXPLORATION LOG ERC1-JS17

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 8/31/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 6/3) well graded SAND with gravel, dry and very dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains. ...weakly cemented.						
2.5									
5									
7.5			...trace gypsum.						
10									
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG

ERC1-JS18

PROJECT: FIRST EIGHT ROWS SUB-AREA

PROJECT NO.: 20082449V1

EXPLORATION LOCATION: HENDERSON, NEVADA

EXPLORATION DATE: 9/1/09

EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS

EQUIPMENT: DIEDRICH D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

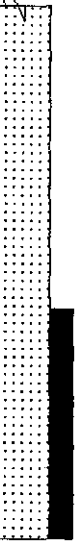
LOGGED BY: SANCHEZ/COOKE

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
17.5 20 22.5			...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
25 27.5 30 32.5			END OF BORING AT 24.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG ERC1-JS31

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/1/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0	6 10 11	SW	Light brown (7.5YR 6/3) well graded SAND with gravel, trace cobbles, dry and medium dense. PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
2.5	9 20 31								
5			...trace gypsum.						
7.5									
10									
12.5	6 18 50/5		...PIDs: 10.6 eV = 0.0 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
15									
END OF BORING AT 16.0 FEET									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

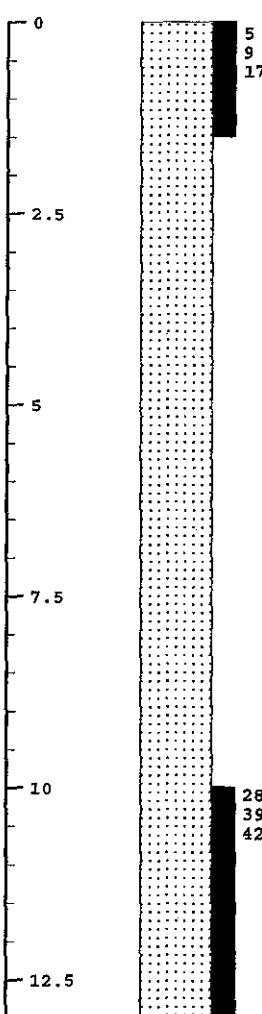
EXPLORATION LOG ERC1-JS37

PROJECT: FIRST EIGHT ROWS SUB-AREA
EXPLORATION LOCATION: HENDERSON, NEVADA
EXPLORATION SIZE (dia.): 6 1/4" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 9/2/09
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SANCHEZ/DAVIS

INITIAL DEPTH TO WATER: NOT ENCOUNTERED
FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA
DATE MEASURED: NA

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
0		SW	Light brown (7.5YR 5/3) well graded SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 1.2 ppmV; 11.7 eV = 0.7 ppmV. No odors or stains.						
2.5									
5									
7.5									
10			...moderately cemented and hard. PIDs: 10.6 eV = 0.1 ppmV; 11.7 eV = 0.0 ppmV. No odors or stains.						
12.5									
15			END OF BORING AT 13.0 FEET						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

KEY TO SYMBOLS

Symbol Description

Strata symbols



Well graded sand



Silty gravel



Well graded gravel



Well graded sand with silt

Misc. Symbols



Boring continues

Soil Samplers



California sampler

Notes:

1. Exploratory borings were drilled on 8/13/09 to 9/2/09 using 6 1/4-inch outside diameter continuous flight power augers.
2. No groundwater was encountered at the time of drilling.

**CHAIN-OF-CUSTODY FORMS
AND
TAILGATE SAFETY MEETING FORMS**

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2626 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED 欧陆

Date: 3-13-09

[illegible]**Comments/Instructions:**

* Please refer to Table 5 (Southern Ribs Sampling; emailed on October 17, 2008)

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 83 ppb, please analyze for aroclors by 8082

¹ Analyze at TA-Burlington

Signature:		Print Name:	Company Name/Title:	Date:	Time:
RELINQUISHED BY:	<i>[Signature]</i>	Darryl Davis	GEI / Geologist	8-13-09	1600
RECEIVED BY:	<i>[Signature]</i>	Chris Garay	GEI / Geologist	8/13/09	1600
RELINQUISHED BY:	<i>[Signature]</i>	Chris Garay	GEI / Geologist	8/13/09	1700
RECEIVED BY:	<i>[Signature]</i>				

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi

Address: 2525 Natomas Park Drive, Suite 350

Sacramento, CA 95833

Phone # (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX#

Date: 2/14/08

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

DOVIS Davis (Don Don)
Chris Garey / Chris Garner

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V-1

Container

[illegible]

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name: _____

Company Name/Title:

Date:

Time:

RELINQUISHED BY:

RECEIVED BY:

Dave Davis

FLORIE CACCH

Company Name: ABC Corp.

1000

RELINQUISHED BY:

RECEIVED BY:

Chor. barred

1943 Jan 27

1947

627/5542943

For Lab Use Only: Sample Condition Upon Receipt

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler. Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi

Address: 2525 Natomas Park Drive, Suite 350

Sacramento, CA 95833

Phone #: (916) 924-9378

FED EX 未

Date: 2-24-05

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8666

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Chris Garey / Chris Garey

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze et TA-Nashville

^a Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY: _____

RECEIVED BY: *Chris [unclear]*

~~SECRET~~

7-11-55

Company Name/Title: _____

661, 662, 663, 664

RELINQUISHED BY: [Signature]

RECEIVED BY:

16 June 1964

DATE

1941-1942

08/ Geology

For Lab Use Only: Sample Condition Upon Receipt

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi

Address: 2525 Natomas Park Drive, Suite 350

Sacramento, CA 95833

Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX #.

Date: 8-17-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cook

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]

Comments/Instructions: ① SPLP = metals, Cu²⁺, Hg, Ammonia, TKN, Toc, Aldehydes, Pesticides, Amino (Bromide, chlorate, chloride, fluoride, Nitrate, phosphate)

* Please refer to Table 5 (Southern Ribs Sampling; emailed on October 17, 2008)

¹ Analyze at TA-Sacramento

¹ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature: _____

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY: L. D. [Signature]

Richard Cooper

Company Number: 151601

8-17-77	12-7-77
---------	---------

RECEIVED BY: *Fedex Air Mail*

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Phone #: (916) 924-9378

Phone: (843) 556-8171

Date: 8/18/09

ANALYSIS REQUEST

Chris Garey Chris Garey

PROJECT NUMBER: 20082449V1

Container

[illegible]

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)

Please report results in dry weight.

Time:

RELINQUISHED BY: Chris Dancy

RECEIVED BY: Fed Ex

Chris Garey

GES / Geologist

8/18/09

1700

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi

Address: 2525 Natomas Park Drive, Suite 350

Sacramento, CA 95833

Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX #:

Date: 4/18/09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Chris Garey Chris Garey

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

* Please refer to Table 5 (Southern Ribs Sampling; emailed on October 17, 2008)

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY:

Chen

Chris Green

CS/Revised

5/5/05

RECEIVED BY:

Feb FY

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 8-19-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cooke

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

* [REDACTED]

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

¹² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name: _____

Company Name/Title:

Date:

Time:

RELINQUISHED BY: Randall E. Cole

Print Name Richard C. Galle

GES/Geologist

8-19-09 1702

RECEIVED BY: *Felix Ara B. M.*

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

COPIES: Retained by Sampler, Sent to Office

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Phone: (843) 556-8171

FED EX #:

Date: 8-24-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Richard Cooke / Richard Cook

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

Please report results in dry weight.

Signature:

Print Name:

Company Name/Title:

Date: _____ Time: _____

RELINQUISHED BY: Harold Campbell

Richard Coates

6135 ✓ G. (S. 1000-1001)

R-24-09 1702

RECEIVED BY: *Fedex Air B.1*

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
 Address: 2525 Natomas Park Drive, Suite 350
 Sacramento, CA 95833
 Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Contact Person: Amanda Rasco
 Address: 2040 Savage Road
 Charleston, SC 29407
 Phone: (843) 556-8171

FED EX #:

Date: 8-25-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Richard Cooke / Richard Cooke

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						EDA	RADIONUCLIDES*	PERCHLORATE* by EPA 314.0	SVOCs* by 8270	PAH'S* by 8270SIM	PERCENT MOISTURE										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																
ERCI-J505-0	8-25-09	0815	X							X	X	X	X	X										
ERCI-J505-6		0830	X							X	X	X	X	X										
ERCI-J505-16		0840	X							X	X	X	X	X										
ERCI-AU37-0		0915	X							X	X	X	X	X										
ERCI-AU37-0-MS		0915	X							X	X	X	X	X										
ERCI-AU37-0-MSD		0915	X							X	X	X	X	X										
ERCI-AU37-5		1030	X							X	X	X	X	X										
ERCI-AU37-15		1130	X							X	X	X	X	X										
ERCI-AU38-0		1145	X							X	X	X	X	X										
ERCI-AU38-10		1245	X							X	X	X	X	X										

Comments/Instructions:

* ~~_____~~
 Please report results in dry weight.

RELINQUISHED BY: <i>Richard Cooke</i>	Signature: <i>Richard Cooke</i>	Print Name: <i>Richard Cooke</i>	Company Name/Title: <i>GEL/Geologist</i>	Date: <i>8-28-09</i>	Time: <i>1200</i>
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Phone #: (916) 924-9378

Phone: (843) 556-8171

FED EX #

Date: 8-25-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Richard Cooke / Richard Cooke

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

★ [REDACTED]

Please report results in dry weight.

Signature:

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY: Heard and Carle

Richard Cooke

GES/Geologist

8/29/09	1200
---------	------

RECEIVED BY: *Fedex Air B.V.*

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 8-25-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB AREA																									
PROJECT NUMBER: 20082449V1																									
SAMPLE ID	DATE	TIME	Container							IONS* by EPA 300.0	Dioxins/Furans* by EPA 8290	Gen. Chem* (please see methods)	pH by EPA 9045C/9040B	METALS* by EPA Methods 6010B/6020/7471A/7470A	Hex chromium by EPA 7196A	OC Pesticides* by EPA 8081A	Aroclors* by EPA 8082	Congeners* by EPA 1668	Aldehydes* by EPA 8315	VOCs* by EPA 8260B	Physical Parameters 3*	Percent Moisture			
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA																
ERCI-JS05-0	8-25-09	0815	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-JS05-6		0830	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-JS05-16		0840	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU37-0		0915	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU37-A-MS		0915	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU37-0-MSD		0915	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU37-9		1030	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU37-15		1130	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU36-0		1145	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ERCI-AU36-10		1245	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X		

Comments/Instructions:

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

RELINQUISHED BY: <i>Richard Cooke</i>	Signature: <i>Richard Cooke</i>	Print Name: <i>Richard Cooke</i>	Company Name/Title: <i>GES/Geologist</i>	Date: <i>8-25-09</i>	Time: <i>1200</i>
RECEIVED BY: <i>FedEx Air Bill</i>					
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

FED EX #:

Date: 8/28/09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Chris Garey Chris Garey

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

Please report results in dry weight.

Signature:

Print Name: _____

Company Name/Title:

Date:

Time:

RELINQUISHED BY: *Chris Harey*
RECEIVED BY: *FED EX*

Chris Carey

GES - Geologist

8/28/09

1700

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX #

Date: 8-31-03

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

[illegible]**Comments/Instructions:**

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi

Address: 2525 Natomas Park Drive, Suite 350

Sacramento, CA 95833

Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX #:

Date: 2-3-69

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Day Daw ~~And~~

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]

Comments/Instructions:

TRIP Blank placed in cooler at beginning of day.

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date: Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

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COPIES: Retained by Sampler, Sent to Office

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

Phone: (843) 556-8171

Date: E-31-09

ANALYSIS REQUEST

Doug Davis 

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

Please report results in dry weight.

Signature:

Print Name: _____

Company Name/Title:

Date:

Time:

RELINQUISHED BY:

RECEIVED BY:

DUG DAYS

63/62

20-34-01

1731

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Marla Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

FED EX #:

Date: 8/31/09

[illegible]**Comments/Instructions:**

Please report results in dry weight.

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY: Chris Harvey
RECEIVED BY: FED EX

Chris Garvey

GES / Geology

8/51/0

1245

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 9-1-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA PROJECT NUMBER: 20082449V1			Container										ANALYSIS REQUEST									
SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	IONS* by EPA 300.0	Dioxins/Furans ¹ by EPA 8290	Gen. Chem* (please see methods)	pH by EPA 9045C/9040B	METALS* by EPA Methods 6010B/6020/7471A/7470A	Hex chromium by EPA 7198A	OC Pesticides* by EPA 8061A	Aroclors ^{4,5} by EPA 8082	Congeners ⁴ by EPA 1668	Aldehydes ² by EPA 8315	VOCs* by EPA 8260B	Physical Parameters ³	Percent Moisture
TB-01-090109	9-1-09	0630				X														X		
ERCI-JS16-0	9-1-09	0635	X							X	X	X	X	X	X	X	X	X	X	X	X	
ERCI-JS16-9	9-1-09	0652	X							X	X	X	X	X	X	X		X	X	X	X	
ERCI-JS16-19	9-1-09	0723	X							X	X	X	X	X	X	X		X	X	X	X	
ERCI-AW34-0	9-1-09	0847	X							X	X	X	X	X	X	X	X	X	X	X	X	
ERCI-AW34-0MS	9-1-09	0905	X							X	X	X	X	X	X	X	X	X	X	X	X	
ERCI-AW34-0MS1	9-1-09	0905	X							X	X	X	X	X	X	X	X	X	X	X	X	
ERCI-AW34-0	9-1-09	0926	X							X	X	X	X	X	X	X		X	X	X	X	
ERCI-AW34-18	9-1-09	0955	X							X	X	X	X	X	X	X		X	X	X	X	
ERCI-AW35-0	9-1-09	0936	X							X	X	X	X	X	X	X	X	X	X	X	X	

Comments/Instructions:

Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

Analyze at TA-Burlington

Signature:	Print Name:	Company Name/Title:	Date:	Time:
ELINQUISHED BY: <i>[Signature]</i>	<i>Doug Davis</i>	GES / GSD	9-1-09	1700
RECEIVED BY:				
ELINQUISHED BY:				
RECEIVED BY:				

Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX 共

Date: 9-1-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	IONS* by EPA	Dioxins/Furans	Gen. Chem* (pH by EPA 80	METALS* b	Hex chromium	OC Pesticides	Aroclors ^{cd} by	Congeners ^{af} b	Aldehydes ² b	VOCs* by EPA	Physical Param	Percent Moisture
ERC1-AW35-10	9-1-09	1056	X							X		X	X	X	X	X			X	X	X	
ERC1-AX35-0	9-1-09	1130	X							X	X	X	X	X	X	X	X	X	X	X	X	
ERC1-AX35-11	9-1-09	1146	X							X	X	X	X	X	X	X		X	X	X	X	
ERC1-JS31-0	9-1-09	1226	X							X	X	X	X	X	X	X	X	X	X	X	X	
ERC1-JS31-3	9-1-09	1240	X							X	X	X	X	X	X	X		X	X	X	X	
ERC1-JS31-13	9-1-09	1304	X							X	X	X	X	X	X	X		X	X	X	X	

Comments/Instructions:

Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date: Time:

RELINQUISHED BY: 

Frank Davis

623 / 624

9-1-09	1700
--------	------

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

or Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

FED EX #:

Date: 9-4-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Doug Davis ~~Don~~ Don

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	RADIONUCLIDES	PERCHLORATES by 8221	SVOCS* by 8210	PAH'S* by 8210	PERCENT MMS
ORC1-3516-0	9-1-09	0635	X							X	X	X	X	X
ORC1-3516-9	9-1-09	0650	X							X	X	X	X	X
ORC1-3516-19	9-1-09	0723	X							X	X	X	X	X
ORC1-AW34-0	9-1-09	0847	X							X	X	X	X	X
ORC1-AW34-0MS	9-1-09	0855	X							X	X	X	X	X
ORC1-AW34-0MSD	9-1-09	0905	X							X	X	X	X	X
ORC1-AW34-E	9-1-09	0926	X							X	X	X	X	X
ORC1-AW34-1E	9-1-09	0958	X							X	X	X	X	X
ORC1-AW35-0	9-1-09	1036	X							X	X	X	X	X
ORC1-AW35-10	9-1-09	1056	X							X	X	X	X	X

Comments/Instructions:

Please report results in dry weight.

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

Phone: (843) 556-8171

Date: 5-1-08

ANALYSIS REQUEST

DOUG DAVIS *[Signature]*

PROJECT NUMBER: 20082449V1

Container

[illegible]

Please report results in dry weight.

Date: Time:

9-1005	1700
--------	------

RECEIVED BY:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #

Date: 9-1-05

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cole

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]

Comments/Instructions:

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

^b Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY: Raymond Carver

Richard Ceebo

GES/Geology 250

4-09	1705
------	------

RECEIVED BY: Fed Ex Air R.M.

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office.

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 7-1-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Coste/Richard Coste

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]

Comments/Instructions:

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

^b Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date: Time:

RELINQUISHED BY: Richard Corley
RECEIVED BY: Ed Ex At ASD

Richard Coole

GES/Gedegind

7-1-09	U202
--------	------

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

Date: 7-1-09

ANALYSIS REQUEST

Richard Cooke / Richard Cooke

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	RADIONUCL	PERCHLORAA	SVOCs* by B	PAHs* by 822	PERCENT M
ERCI-JS18-0	9-1-09	0810	X							X	X	X	X	X
ERCI-JS18-11	9-1-09	0850	X							X	X	X	X	X
ERCI-JS18-21	9-1-09	0930	X							X	X	X	X	X
ERCI-AV34-0	9-1-09	1015	X							X	X	X	X	X
ERCI-AV34-0-MS	9-1-09	1025	X							X	X	X	X	X
ERCI-AV34-0-MSD	9-1-09	1030	X							X	X	X	X	X
ERCI-AV34-10	9-1-09	1100	X							X	X	X	X	X
ERCI-AX34-0	9-1-09	1145	X							X	X	X	X	X
ERCI-AX34-6	9-1-09	1209	X							X	X	X	X	X
ERCI-AX34-16	9-1-09	1245	X							X	X	X	X	X

Comments/Instructions:

Please report results in dry weight.

Time:

RELINQUISHED BY: *Richard J. [Signature]*

Richard Cowke

GES/Gedächtnis

Free

1700

RECEIVED BY: Fed By Air 6:10

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler. Sent to Office

[illegible]

ERM CONTACT PERSON**LABORATORY: TestAmerica-St. Louis**

FED EX #:

Date: 9-2-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Doc Davis *[Signature]*

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett

Address: 13715 Rider Trail North

Earth City, Missouri 63045

Phone: (314) 298-8566

FED EX #:

Date: 9-2-04

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date: Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378


LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 9/2/05

SAMPLER(S) PRINTED NAME AND SIGNATURE

Phil Brinkerhoff/ 

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

1 Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

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ERM CONTACT PERSON

Name: Maria Baraias-Albalawi

Address: 2525 Natomas Park Drive, Suite 350

Sacramento, CA 95833

Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Contact Person: Amanda Rasco

Address: 2040 Savage Road

Charleston, SC 29407

Phone: (843) 556-8171

FED EX #:

Date: 9-2-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Doug Davis ~~Author~~

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449Y1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	RADIONUCL	PERCHLORAA	SVOCs* by 821	PAH'S* by 821	PERCENT MM
ERC1-A435-0	9-2-09	0643	X							X	X	X	X	X
ERC1-A435-0DUP	9-2-09	0657	X							X	X	X	X	X
ERC1-A435-4	9-2-09	0710	X							X	X	X	X	X
ERC1-A435-14	9-2-09	0801	X							X	X	X	X	X
ERC1-A434-0	9-2-09	0856	X							X	X	X	X	X
ERC1-A434-0DUP	9-2-09	0911	X							X	X	X	X	X
ERC1-A434-12	9-2-09	0950	X							X	X	X	X	X
ERC1-A434														
ERC1-J537-0	9-2-09	1057	X							X	X	X	X	X
ERC1-J537-0DUP	9-2-09	1058	X							X	X	X	X	X

Comments/Instructions:

Please report results in dry weight.

Signature:

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

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ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: EMSL

Contact: Stephen Siegel
Address: 107 Haddon Avenue
Westmont, NJ 08108
Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-13-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cooke

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB-AREA SOIL SAMPLING

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	Asbestos	Methanol	Percent																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Comments/Instructions:

Signature:		Print Name:		Company Name/Title:		Date:	Time:
<i>Richard Cooke</i>		Richard Cooke		GES/Geologist		8-13-09	1700
RELINQUISHED BY: <i>Richard Cooke</i>							
RECEIVED BY: <i>Felix</i>							
RELINQUISHED BY:							
RECEIVED BY:							

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COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
 Address: 2525 Natomas Park Drive, Suite 350
 Sacramento, CA 95833
 Phone #: (916) 924-9378

LABORATORY: EMSL

Contact: Stephen Siegel
 Address: 107 Haddon Avenue
 Westmont, NJ 08108
 Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-14-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Richard Cooke / Richard Cooke

PROJECT NAME: FIRST EIGHT ROWS SUB-AREA SOIL SAMPLING

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container								Asbestos Elutriator Method 540	Percent Moisture												
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc2	NaOH	EDA														
ERCI-AS34-A	8-14-09	1245	X								X	X												
ERCI-AS34-B		1245	X								X	X												
ERCI-AS35-A		1255	X								X	X												
ERCI-AS35-B		1255	X								X	X												
ERCI-AT34-A		1300	X								X	X												
ERCI-AT34-B		1300	X								X	X												
ERCI-AT35-A		1320	X								X	X												
ERCI-AT35-B		1320	X								X	X												
ERCI-JS04-A	✓	1330	X								X	X												
ERCI-JS04-B	✓	1330	X								X	X												

Comments/Instructions:

RELINQUISHED BY:	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY:	Richard Cooke	Richard Cooke	GES/Geologist	8-13-09	1206
RELINQUISHED BY:					
RECEIVED BY:					

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Date: 8-14-09

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ANALYSIS REQUEST

Richard Cooke/Richard Cooke

PROJECT NAME: FIRST EIGHT ROWS SUB-AREA SOIL SAMPLING

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	Asbestos Method	Percent																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Comments/Instructions:

RELINQUISHED BY:	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

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ERM CONTACT PERSON

Phone #: (916) 924-9378

LABORATORY: EMSL

Phone: 1-800-220-3675, ext. 1209

FED EX#

Date: 8-14-99

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Doug Davy / Danny Dan

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

Container

[illegible]

Asbestos Elutriator

Percent Moisture

Comments/Instructions:

Signature:

Print Name:

Company Name/Title:

Date: _____

Time:

RELINQUISHED BY: John Danner

Dana Davis

165/Govt

8-14-89 1230

RECEIVED BY: *Richard L. Ford*

Richard (son)

65/60425

8-14-17	1230
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RELINQUISHED BY: Paul G. [Signature]

Richard Costa

GE/Gesetz

Q-3-09/1700

RECEIVED BY:

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ORIGINAL: Send with sample (sign only in blue or black ink)

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ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: EMSL

Contact: Stephen Siegel
Address: 107 Haddon Avenue
Westmont, NJ 08108
Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-18-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cooke

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB-AREA SOIL SAMPLING

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container								Asbestos Elutriator Method 540	Percent Moisture												
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH	EDA														
ERCI-AT36-A	8-18-09	1200	X								X	X												
ERCI-AT36-B		1200	X								X	X												
ERCI-JS06-A		1210	X								X	X												
ERCI-JS06-B		1210	X								X	X												
ERCI-JS14-A		1230	X								X	X												
ERCI-JS14-B		1230	X								X	X												
ERCI-JS18-A		1245	X								X	X												
ERCI-JS18-B		1245	X								X	X												
ERCI-AW38-A	✓	1250	X								X	X												
ERCI-AW95-B		1250	X								X	X												

Comments/Instructions:

RELINQUISHED BY: Richard Cooke	Signature: Richard Cooke	Print Name: Richard Cooke	Company Name/Title: GE/Geologist	Date: 8-27-09	Time: 1700
RECEIVED BY: FedEx Air Bill					
RELINQUISHED BY:					
RECEIVED BY:					

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PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	Asbestos Method	Percent
ERC1-J513-A	8-18-09	1300	X							X	X
ERC1-J513-B		1300	X							X	X
ERC1-AV35-A		1315	X							X	X
ERC1-AV35-B		1315	X							X	X
ERC1-J512-A		1330	X							X	X
ERC1-J512-B		1330	X							X	X
ERC1-J512-A-FD	✓	1330	X							X	X
ERC1-J512-B-FD	✓	1330	X							X	X

Comments/Instructions:

RELINQUISHED BY: <i>Richard Cooke</i>	Signature: <i>Richard Cooke</i>	Print Name: <i>Richard Cooke</i>	Company Name/Title: <i>GES/Geologist</i>	Date: <i>8-18-09</i>	Time: <i>1700</i>
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: EMSL

Contact: Stephen Siegel
Address: 107 Haddon Avenue
Westmont, NJ 08108
Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-20-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cooke

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	Asbest/ Method	Percent
ERCI-AV35-A	8-20-09	0850	X							X	X
ERCI-AV35-B	↓	0850	X							X	X
ERCI-JS17-A	↓	0910	X							X	X
ERCI-JS17-B	✓	0910	X							X	X

Comments/Instructions:

RELINQUISHED BY: <i>Richard Cooke</i>	Signature: <i>Richard Cooke</i>	Print Name: <i>Richard Cooke</i>	Company Name/Title: <i>GES/Geologist</i>	Date: <i>9-3-09</i>	Time: <i>1700</i>
RECEIVED BY:					
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

LABORATORY: EMSL

Contact: Stephen Siegel

Address: 107 Haddon Avenue

Westmont, NJ 08108

Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-21-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Richard Cooke/Riulard Cooke

PROJECT NAME: FIRST EIGHT ROWS SUB-AREA SOIL SAMPLING

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

Signature:

Print Name: _____

Company Name/Title:

Date: Time:

RELINQUISHED BY: <i>Richard Coolie</i>	<i>Richard Coolie</i>	<i>GES/Geologist</i>	<i>7-3-89</i>	<i>1700</i>
RECEIVED BY: <i>Fedex Air Mail</i>				

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: EMSL

Contact: Stephen Siegel
Address: 107 Haddon Avenue
Westmont, NJ 08108
Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-24-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cooke

ANALYSIS REQUEST

PROJECT NAME: FIRST EIGHT ROWS SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	Asbestos Method	Percent																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Comments/Instructions:

RELINQUISHED BY:	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY:	Richard Cooke	Richard Cooke	GES/Geologist	8-3-09	1200
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

LABORATORY: EMSL

Contact: Stephen Siegel

Address: 107 Haddon Avenue

Westmont, NJ 08108

Phone: 1-800-220-3675, ext. 1209

FED EX #:

Date: 8-21-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Richard Cooke / Richard Cooke

PROJECT NAME: FIRST EIGHT ROWS SUB-AREA SOIL SAMPLING

PROJECT NUMBER: 20082449V1

Container

[illegible]**Comments/Instructions:**

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY: Robert E. Cole

Richard Castle

605 Belmont

9-3-75

1700

RECEIVED BY: Fedex Air Bill

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: EMSL

Contact: Stephen Siegel
Address: 107 Haddon Avenue
Westmont, NJ 08108
Phone: 1-800-220-3675, ext. 1209

FED EX #

Date: 8-27-09

[illegible]**Comments/Instructions:**

Signature:		Print Name:		Company Name/Title:		Date:		Time:	
RELINQUISHED BY: <i>Richard Cooke</i>		<i>Richard Cooke</i>		<i>GES/Geologist</i>		<i>8-3-09</i>		<i>12:00</i>	
RECEIVED BY:									
RELINQUISHED BY:									
RECEIVED BY:									

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

COPIES: Retained by Sampler, Sent to Office

TAILGATE SAFETY MEETING FORM

Date: 8-27-09 Time: 0630 Job Number: 2008248961Client: BRCSite Specific Location: First Eight Rows

Safety Topics Presented

Protective Clothing/Equipment: Level D PPE

Chemical Hazards: _____

Physical Hazards: Heat, moving equipmentSpecial Equipment: noneOther: noneEmergency Procedures: Call 911Hospital: St. Rose

Phone: _____

Ambulance Phone: 911Hospital Address and Route: Lake Mead Pkwy 1/2 Boulder Hwy

ATTENDEES

NAME PRINTED

Richard CooleChris GareyEDWIN GACUSANClinton Bickom

SIGNATURE

Richard CooleChris GareyEdwin GacusanClinton BickomMeeting Conducted By: R. Coole
Name PrintedRichard Coole
SignatureOn-Site Safety Officer: R. CooleProject Manager: R. Coole



DAILY SITE SAFETY MEETING RECORD

Page 1 of 1

Date & Time: 8/18/09 0700 Recorded By: Chris Garey
Project Name: First 8 Rows Project No.: 20082449 VI
Field Activities: Auger & sample with CA Split Spoon
Chemicals Present: None

SAFETY TOPICS DISCUSSED

Protective Clothing/Equipment: Level D

Hazards of Chemicals Present: N/A

Physical Hazards: Those associated with drilling

Special Hazards: None

Other Topics of Concern: HEAT

SITE SAFETY CHECKLIST	YES	NO
Attached Signature Page		N/A
Written Health and Safety Plan (HASP) is on-site		N/A
Information in the HASP matches conditions and activities at the site		N/A
Site personnel have appropriate training and certification and medical clearance	X	
Air monitoring equipment has been calibrated daily		N/A
Site zones are set up and observed where appropriate	X	
Access to Work Areas is limited to authorized personnel	X	
Decontamination stations (including hand/face wash) are set up and used	X	
Personal protective equipment used matches HASP requirements	X	
Emergency and First Aid equipment is on-site as described in the HASP	X	
Drinking water is readily available	X	

Notes (All "NO" answers must be addressed and corrected immediately. Note additionally health and safety observations here):

Edwin Gacusan
Elint Bickom Chris Garey

Conducted By CLG Signature: Chris Garey Date: 8/18/09

TAILGATE SAFETY MEETING FORM

Date: 8-19-09 Time: 0800 Job Number: 20082449V1Client: BRCSite Specific Location: First Eight Rows - TIMET Eastside

Safety Topics Presented

Protective Clothing/Equipment: Level D PPEChemical Hazards: Minimal: residual chemicals (metals, SVOCs, etc)Physical Hazards: Heat, fatigue, moving vehicles and equipment
Heavy equipmentSpecial Equipment: noneOther: NAEmergency Procedures: Call 911Hospital: St. Rose Phone: _____ Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 1/2 Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Richard CookeClinton BickomEDWIN GALLAGHER

SIGNATURE

Richard Cooke
Clinton Bickom
Edwin GallagherMeeting Conducted By: Richard Cooke
Name PrintedRichard Cooke
SignatureOn-Site Safety Officer: R. CookeProject Manager: R. CookeEDWIN GALLAGHER
Clinton BickomClinton Bickom
Edwin Gallagher

TAILGATE SAFETY MEETING FORM

Date: 8-24-09 Time: 0800 Job Number: 20082449VIClient: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D, PPEChemical Hazards: Residual metals, SVOC, PCB, etcPhysical Hazards: Heat, Fatigue, Trip HazardsSpecial Equipment: NoneOther: NAEmergency Procedures: Call 911Hospital: St. Rose Phone: _____ Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 1/2 Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Richard Cooke
Edwin Braceras
Clinton Bickom
Walker McKing

SIGNATURE

Richard Cooke
[Signature]
[Signature]
[Signature]Meeting Conducted By: Richard Cooke Richard Cooke
Name Printed SignatureOn-Site Safety Officer: R. Cooke Project Manager: R. Cooke

TAILGATE SAFETY MEETING FORM

Date: 8-25-09 Time: 0800 Job Number: 20082449U1Client: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D P.P.E.Chemical Hazards: Residual Chemicals (Dioxin, metals), See Analytical List on COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches on vegetationSpecial Equipment: NoneOther: NoneEmergency Procedures: Call 911Hospital: St. Rose Phone: _____ Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 3/1, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Richard CookeEDWARD SACRAMClint Bickom

SIGNATURE

Richard CookeClint BickomMeeting Conducted By: R. Cooke
Name PrintedRichard Cooke
SignatureOn-Site Safety Officer: R. CookeProject Manager: R. Cooke

TAILGATE SAFETY MEETING FORM

Date: 8/28/09 Time: 0700 Job Number: 20082449VIClient: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D PPE.Chemical Hazards: Residual Chemicals (Dioxin, metals), See Analytical List on COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches on vegetationSpecial Equipment: NoneOther: NoneEmergency Procedures: Call 911Hospital: St. Rose

Phone: _____

Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 1/2, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

SIGNATURE

Shawn SearsShawn SearsFrancisco BarronFrancisco BarronRichard CoyleRichard CoyleMeeting Conducted By: Chris Garey
Name PrintedChris Garey
SignatureOn-Site Safety Officer: R. CoyleProject Manager: R. Coyle

TAILGATE SAFETY MEETING FORM

Date: 8-31-08 Time: 0730 Job Number: 20082449U1Client: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D PPE.Chemical Hazards: Residual chemicals (Dioxin, metals). See Analytical List on COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches or vegetation.Special Equipment: NoneOther: NoneEmergency Procedures: Call 911Hospital: St. Rose

Phone: _____

Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 3/1, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Doug DavisFrancisco BarronShawn Sears

SIGNATURE

[Signature][Signature]Shawn SearsMeeting Conducted By: Doug Davis
Name Printed[Signature]
Signature

On-Site Safety Officer: _____

Project Manager: R. Paul Cooke

TAILGATE SAFETY MEETING FORM

Date: 8/31/09 Time: 0720 Job Number: 20082449U1Client: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D PPE.Chemical Hazards: Residual Chemicals (Dioxin, metals, etc.) See Analytical List on COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches on vegetationSpecial Equipment: NoneOther: NoneEmergency Procedures: Call 911Hospital: St. Rose

Phone: _____

Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 1/2, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Clint BickomEduardo Luis

SIGNATURE

Clint BickomEduardo LuisMeeting Conducted By: Chris Garey
Name PrintedChris Garey
Signature

On-Site Safety Officer: _____

Project Manager: _____

TAILGATE SAFETY MEETING FORM

Date: 9-1-09 Time: 0900 Job Number: 20082449U1Client: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D PPE.Chemical Hazards: Residual chemicals (Dioxin, metals). See Analytical List or COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches on vegetationSpecial Equipment: NoneOther: NoneEmergency Procedures: Call 911Hospital: St. Rose Phone: _____ Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 3/1, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Doug Davis
Shawn Sears
Frank Barron

SIGNATURE

[Signature]
[Signature]
[Signature]Meeting Conducted By: Doug Davis [Signature]
Name Printed Signature

On-Site Safety Officer: _____ Project Manager: _____

TAILGATE SAFETY MEETING FORM

Date: 9-1-09 Time: 0700 Job Number: 20082449U1Client: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D RPE.Chemical Hazards: Residual Chemicals (Dioxin, metals), See Analytical List on COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches on vegetationSpecial Equipment: NoneOther: noneEmergency Procedures: Call 911Hospital: St. Rose Phone: _____ Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 3/1, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

Richard CarboEdwards WisClint Beckom

SIGNATURE

Richard CarboEdwards WisClint BeckomMeeting Conducted By: R. Carbo
Name PrintedRichard Carbo
SignatureOn-Site Safety Officer: R. CarboProject Manager: R. Carbo

TAILGATE SAFETY MEETING FORM

Date: 9-2-01 Time: 6:13 Job Number: 20082449U1Client: BRCSite Specific Location: TIMET Eastside Property, Henderson, NV

Safety Topics Presented

Protective Clothing/Equipment: Level D P.P.E.Chemical Hazards: Residual Chemicals (Dioxin, metals). See Analytical List on COC.Physical Hazards: Heat, Trip Hazards, insects, sharp branches on vegetationSpecial Equipment: NoneOther: noneEmergency Procedures: Call 911Hospital: St. Rose Phone: _____ Ambulance Phone: 911Hospital Address and Route: Boulder Hwy 3, Lake Mead Pkwy

ATTENDEES

NAME PRINTED

SIGNATURE

Phil BrinkerhoffPhil BrinkerhoffEduardo WjsEduardo WjsClint BrinkomClint BrinkomDoug DavisDoug DavisMeeting Conducted By: Phil Brinkerhoff
Name PrintedPhil Brinkerhoff
Signature

On-Site Safety Officer: _____

Project Manager: B. Cooke