



March 3, 2009
Project No. 20082449V1

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

RE: Galleria North Sub-Area Soil Sampling, Henderson, Nevada

Dear Dr. Sahu:

PROVIDING

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

On January 26, 2009 through February 17, 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:

- USA Underground utility alert.
- January 26 – 29, 2009: Staked and located ninety-six (96) sampling locations with a GPS Trimble ProXH Unit. The sample location coordinates were provided by ERM. Concurrently, a second GES team member collected 96 surface-soil samples for an asbestos survey. However, due to utility conflicts, one location was eliminated (see below, Changes to Original Planned Work).
- January 27, 2009 – February 17, 2009: Collected two-hundred twelve (212) soil samples from ninety-five (95) boring locations throughout the site at depths ranging from 0.0 to 20 feet. Three "deep" borings required collecting additional soil samples for physical parameters at 10 to 20.0 feet. Additionally, three borings were 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 eleven (11) 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 – Ninety-five (95) 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 ninety-five (95) 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 a 140-pound hammer falling 30 inches.

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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 53).

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 GNC1-JD02-0, 1/27/09, 0735, while the final sampling location was identified as GNC1-JD06-10, 1/17/09, 1020. 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). Where no ground water was encountered, 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 the only modifications to the original scope of services were eliminating sample location GNC1-JD03 due to conflicts with underground utilities. GES contacted ERM regarding the utility conflicts at this location and ERM advised that the sampling location should be eliminated. In addition, several other locations were moved due to obstructions or underground utilities. Most of the locations that were moved required only minor moves of 10-feet or less.

However, two locations (GNC1-BD23 and GNC1-JD05) were moved approximately 30 feet south and west, respectively, and one location (GNC1-JD06) was moved approximately 100 feet southeast. The new coordinates for these locations were submitted to ERM.

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



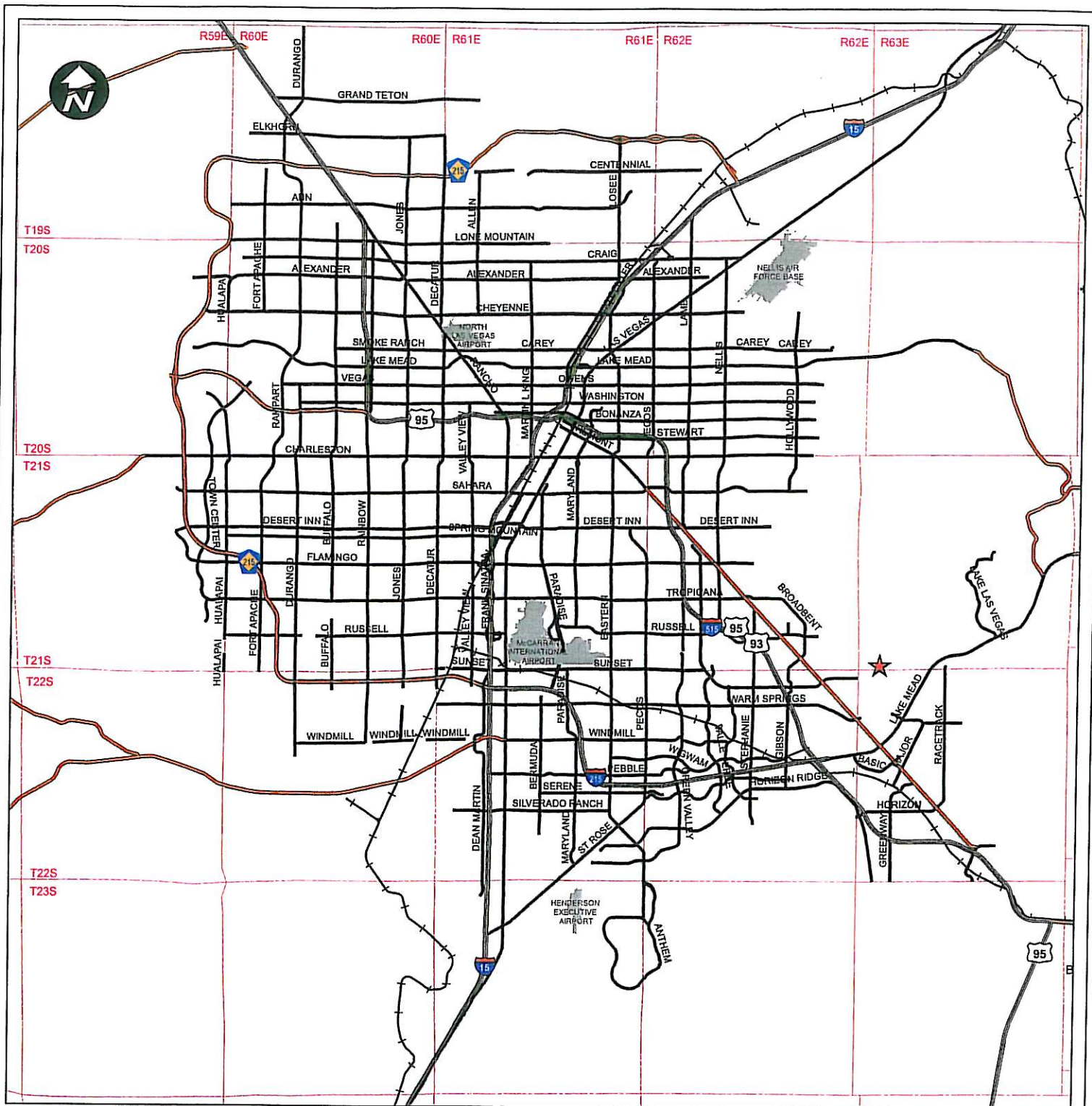
Kyle S. Hansen, C.E.M.
Environmental Program Manager
C.E.M. #2167

RAC:KSH:vm:as

Enc.: Figures 1, 2 and 3
Boring Logs (96)
Chain-of-Custody Records (15)
Tailgate Safety Meeting Forms (10)

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

FIGURES:
VICINITY MAP
EXPLORATION LOCATION MAP
BORING LOGS



Legend

- ★ Approximate Project Location
- Airports
- Interstate
- Major Streets
- Railroad
- State Highway
- Township & Range

0 2 4 8 12 16 Miles



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ENVIRONMENTAL
SERVICES, INC.**

7150 Placid St.
Las Vegas, NV 89119

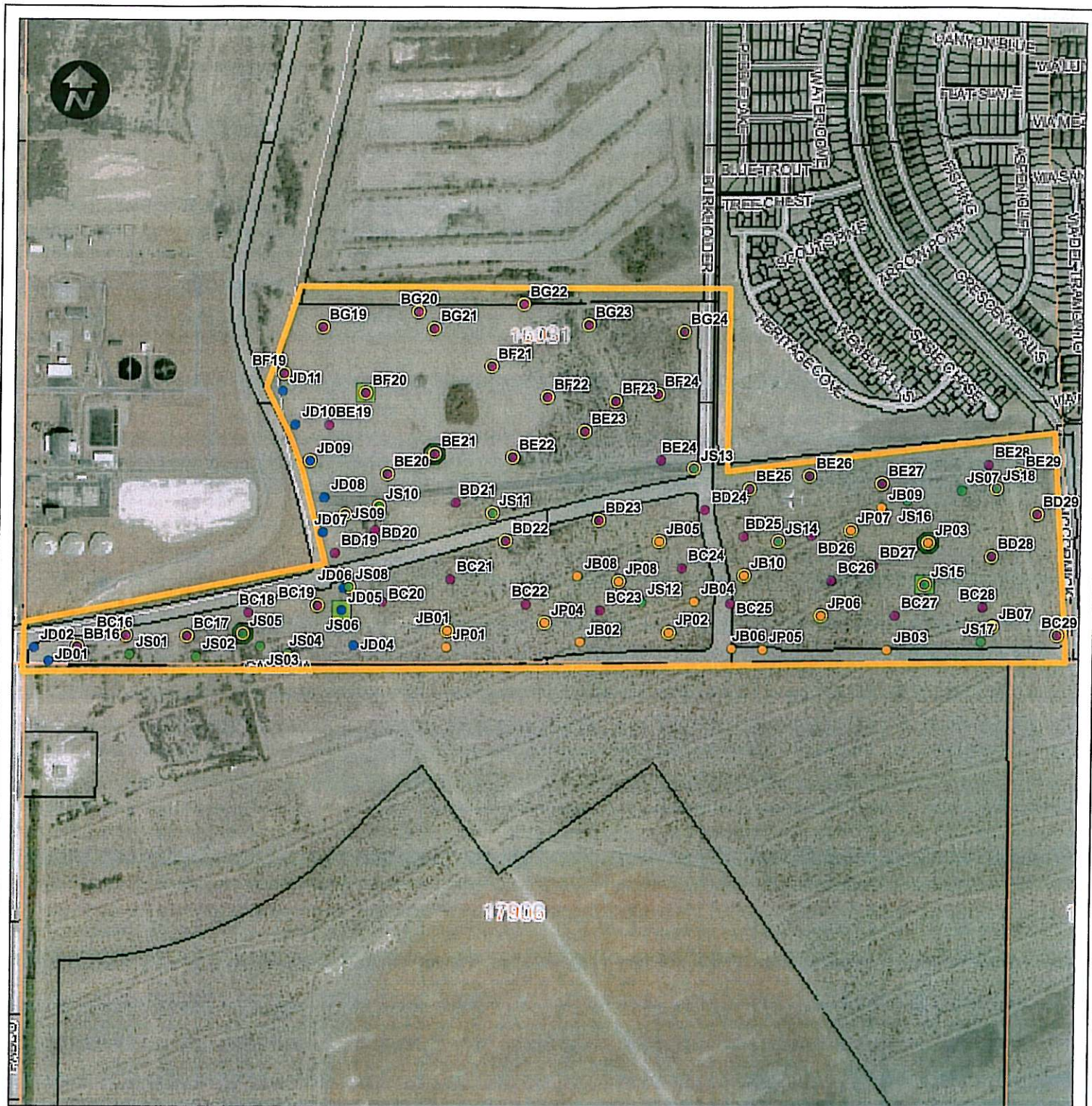
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NOTE: Data presented on this map is a compilation of GIS Metadata extracted from a variety of sources. Major Streets, Airports, and Railroads is data obtained from the Southern Nevada GIS Management Office. This data is downloaded by GES for incorporation into drawings generated by GES. Data contained within this page is to be used for informational purposes only. GES has not modified the data contained herein and uses it as it is acquired from the respective agency.

VICINITY MAP GALLERIA NORTH SUB-AREA BASIC REMEDIATION COMPANY

Drawn By:
MMD
Project No.
20082449V1

Date Drawn:
02/18/2009
Figure No.
1



Legend

- Sample Locations
- Surface Flux
 - Other Biased
 - Debris
 - Ditch
 - Random
 - Deep
 - SPLP
 - Site Boundary

0 200 400 800 1,200 1,600 Feet



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NOTE: Data presented on this map is a compilation of GIS Metadata extracted from a variety of sources. Major Streets, Airports, and Railroads is data obtained from the Southern Nevada GIS Management Office. This data is downloaded by GES for incorporation into drawings generated by GES. Data contained within this page is to be used for informational purposes only. GES has not modified the data contained herein and uses it as it is acquired from the respective agency.

EXPLORATION LOCATION MAP GALLERIA NORTH SUB-AREA BASIC REMEDIATION COMPANY

Drawn By:
MMD

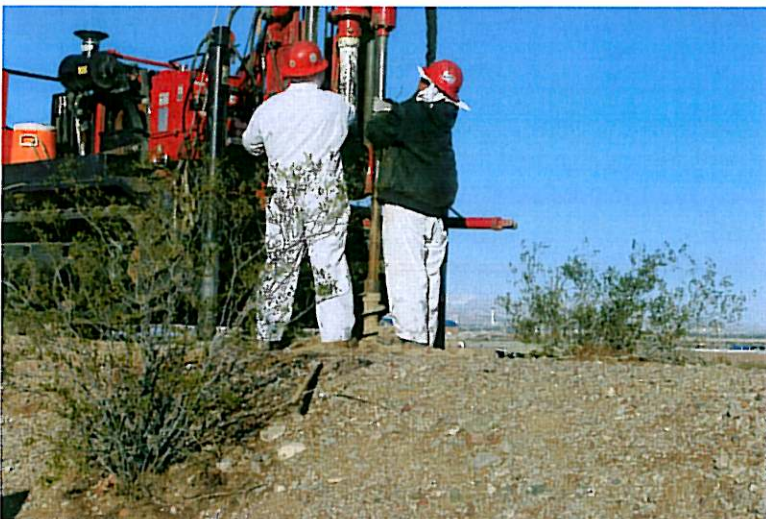
Date Drawn:
02/18/2009

Project No.
20082449V1

Figure No.
2



1. Drilling at a typical pond location, boring location GNC1-JP01.



2. Drilling of a typical berm location (GNC1-JB01).



3. Drilling at a typical debris location, sample boring GNC1-JS12.



PROJECT:
Galleria North Sub-Area
Soil Sampling
FIGURE 3
Site Photographs



4. Completing a randomly-located sample grid boring, location GNC1-BC24.



5. Drilling and sample collection of a ditch location, boring GNC1-JD01.



6. Completed sample boring drilled in a debris sample location in the southeastern part of the site (GNC1-JS07).



PROJECT:
Galleria North Sub-Area
Soil Sampling
FIGURE 3a
Site Photographs



7. Completed random sample location GNC1-BE20 in the cleared northwestern section of the site.



8. Ongoing drilling at boring location GNC1-JB05.



9. Boring location GNC1-JD09 in the northwest corner of the site.



PROJECT:
Galleria North Sub-Area
Soil Sampling
FIGURE 3b
Site Photographs



10. Boring located in the native soil portion of the site in the vicinity of GNC1-BG24.



11. The western part of the Galleria North Sub-Area.

EXPLORATION LOG GNC1-BB16

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07124/ W:-114.99262

EXPLORATION DATE: 1-27-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	12 21 36	SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	19 21 32		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.1 ppmV.						
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 GNC1-BC16

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07140/ W:-114.99177

EXPLORATION DATE: 1-27-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

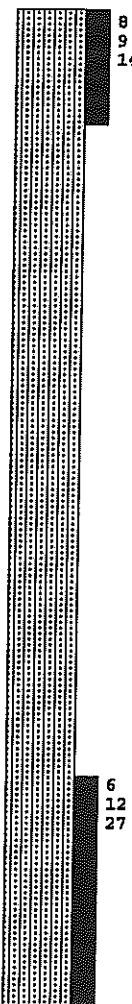
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, dry and loose. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...at 0.5 feet: moist and medium dense.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5									
15			END OF BORING AT 13.0 FEET						

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EXPLORATION LOG GNC1-BC17

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07139/ W:-114.99070

EXPLORATION DATE: 1-28-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

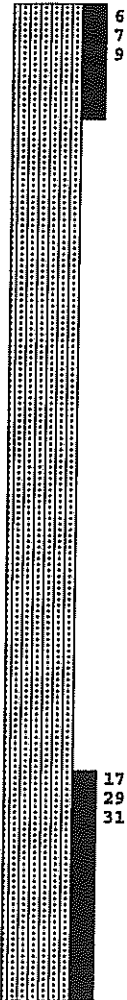
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and loose. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...dense.						
15			END OF BORING AT 13.0 FEET						

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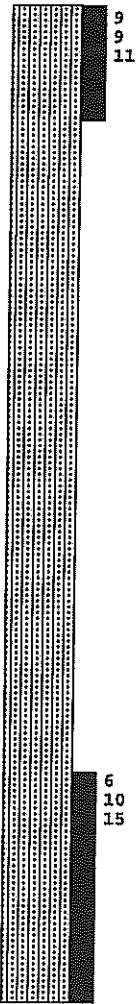
EXPLORATION LOG GNC1-BC18

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07171/ W:-114.98963
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 1-27-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
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 GNC1-BC19

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07181/ W:-114.98843

EXPLORATION DATE: 1-28-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

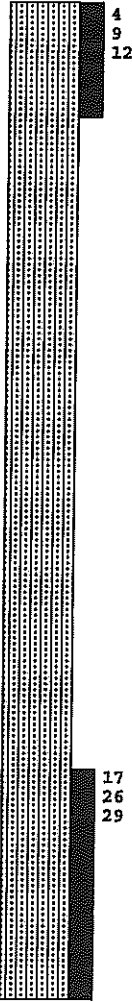
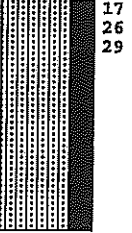
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
2.5									
5									
7.5									
10			END OF BORING AT 13.0 FEET						
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 GNC1-BC20

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07186/ W:-114.98732
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 1-29-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/HANSEN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	10 11 17	SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5	13 17 24		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
7.5									
10			END OF BORING AT 13.0 FEET						
12.5									
15									

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EXPLORATION LOG GNC1-BC21

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07217/ W:-114.98615
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 1-29-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/HANSEN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	7 17 21	SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5	17 21 34		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
7.5									
10			END OF BORING AT 13.0 FEET						
12.5									
15									

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It is not intended to be representative of subsurface conditions at other locations or times.

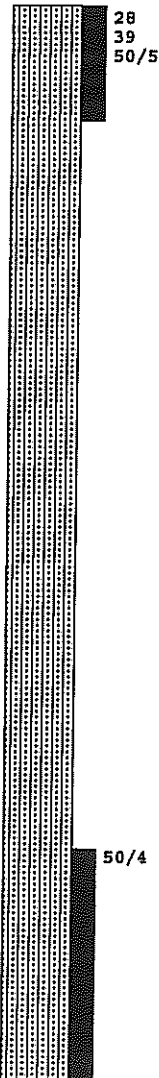
EXPLORATION LOG GNC1-BC22

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07182/W:-114.98485
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 03-02-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: SEARS/SUMNER

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, dry and very dense. ...trace gravel.						
2.5									
5									
7.5									
10									
12.5									
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 GNC1-BC23

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: NN:36.07173/ W:-114.98356

EXPLORATION DATE: 2-10-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

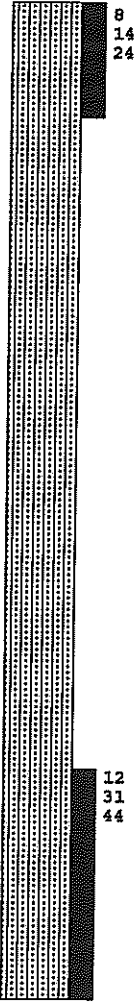
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.9 ppmV. ..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.

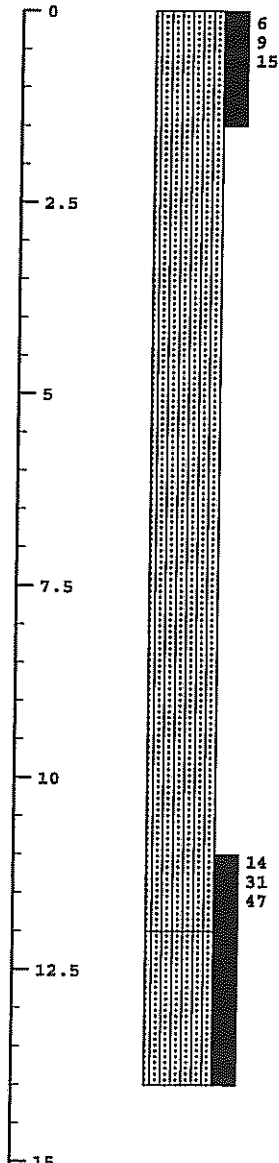
EXPLORATION LOG GNC1-BC24

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07231/ W:-114.98213
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-10-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5		SM	...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.6 ppmV. Light yellowish brown (10YR 6/4) silty SAND, some gypsum, moist and dense.						
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 GNC1-BC25

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07181/ W:-114.98129

EXPLORATION DATE: 2-12-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	5 10 15	SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense.						
2.5									
	12 23 42		...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.8 ppmV.						
5									
7.5									
10									
12.5									
	19 31 50/5		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 1.3 ppmV.						
15			...very dense.						

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


GNC1-BC25

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07181/ W:-114.98129
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-12-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			END OF BORING AT 17.0 FEET						
20									
22.5									
25									
27.5									
30									

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 GNC1-BC26

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07212/ W:-114.97955

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-12-09

EQUIPMENT: D-50 TRACK RIG

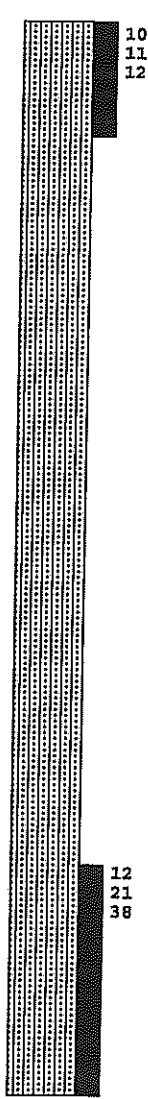
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Yellowish brown (10YR 5/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.6 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.9 ppmV.						
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 GNC1-BC27

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07163/ W:-114.97846

EXPLORATION DATE: 2-4-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

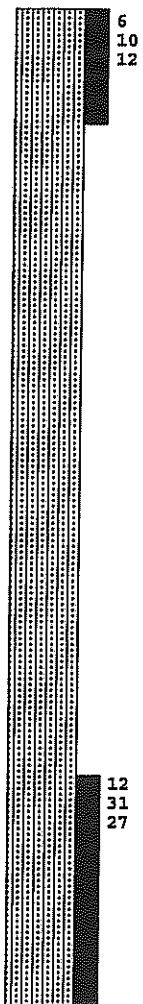
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV. ...dense.						
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 GNC1-BC28

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07174/ W:-114.97695

EXPLORATION DATE: 2-4-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

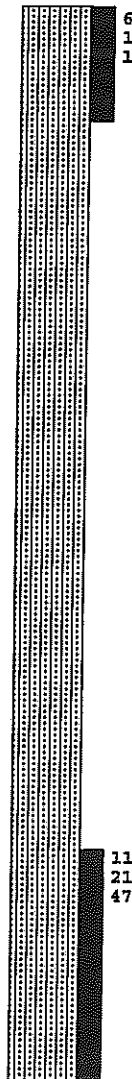
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light olive brown (2.5Y 5/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.8 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.4 ppmV.						
			...dense.						
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 GNC1-BC29

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07135/ W:-114.97566
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-4-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	10 12 13	SM	Light olive brown (2.5Y 5/3) silty SAND, few gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	32 50/2		...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.9 ppmV. ...very pale brown (10YR 7/4) 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.
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EXPLORATION LOG GNC1-BD19

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07254/ W:-114.98813

EXPLORATION DATE: 1-28-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

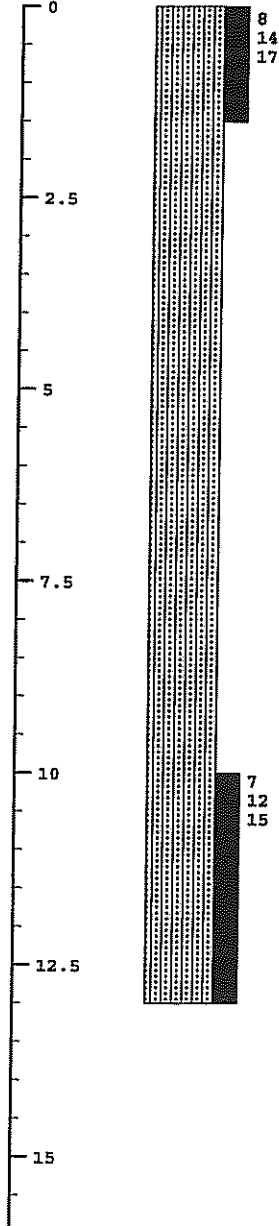
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
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 GNC1-BD20

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07286/ W:-114.98745

EXPLORATION DATE: 1-30-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

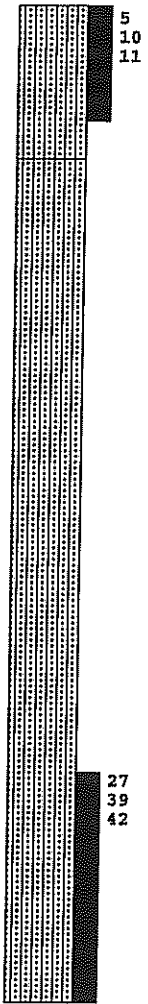
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Brown (10YR 5/3) silty SAND, few gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 2.1 ppmV.						
2.5		SM	Brown (10YR 5/3) silty SAND with gravel, moist and dense.						
10			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 1.2 ppmV.						
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 GNC1-BD21

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07324/ W:-114.98606

EXPLORATION DATE: 1-30-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	5 7 10	SM	Very pale brown (10YR 7/4) silty SAND with gravel, dry and loose. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
2.5									
5	19 34 47		...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
7.5									
10			END OF BORING AT 13.0 FEET						
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.

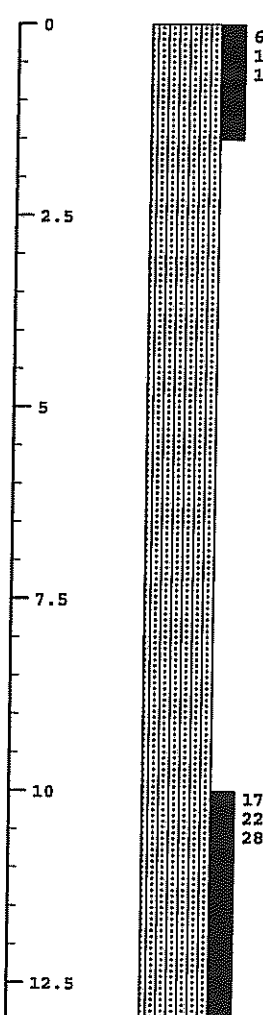
EXPLORATION LOG GNC1-BD22

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07270/ W:-114.98520
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 1-29-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/HANSEN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...dense.						
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.
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EXPLORATION LOG

GNC1-BD23

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07299/ W:-114.98358

EXPLORATION DATE: 1-29-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/HANSEN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5			...pea gravel.						
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5									
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

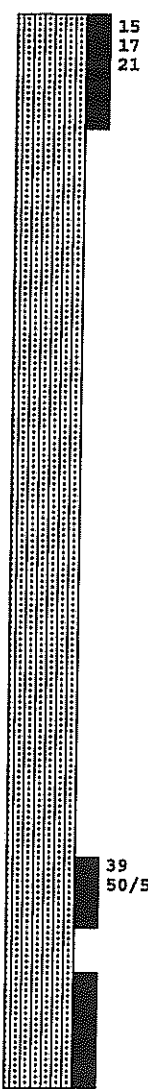
GNC1-BD24

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07312/ W:-114.98174
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-29-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/HANSEN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...very dense.						
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 GNC1-BD25

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07274/ W:-114.98106
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-2-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	4 7 12	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5	30 36 31		...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
5			...dense.						
7.5									
10									
12.5	11 15 47								
15		ML	Very pale brown (10YR 7/3) sandy SILT, moist and very stiff. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
			END OF BORING AT 15.5 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

GNC1-BD26

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07275/ W:-114.97989

EXPLORATION DATE: 2-2-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

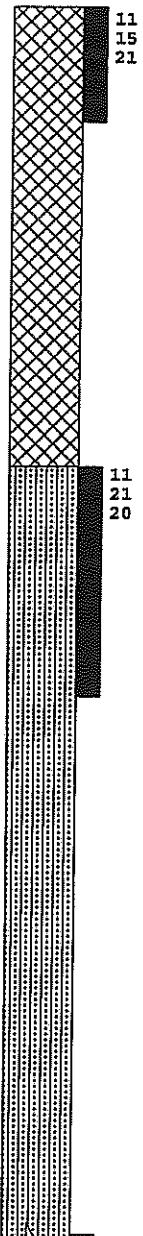
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Light yellowish brown (2.5YR 6/4) silty SAND, moist. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Light yellowish brown (2.5YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
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

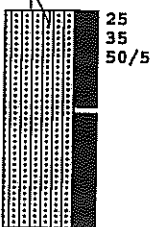
GNC1-BD26

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07275/ W:-114.97989
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-2-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
20			END OF BORING AT 19.0 FEET						
22.5									
25									
27.5									
30									

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.

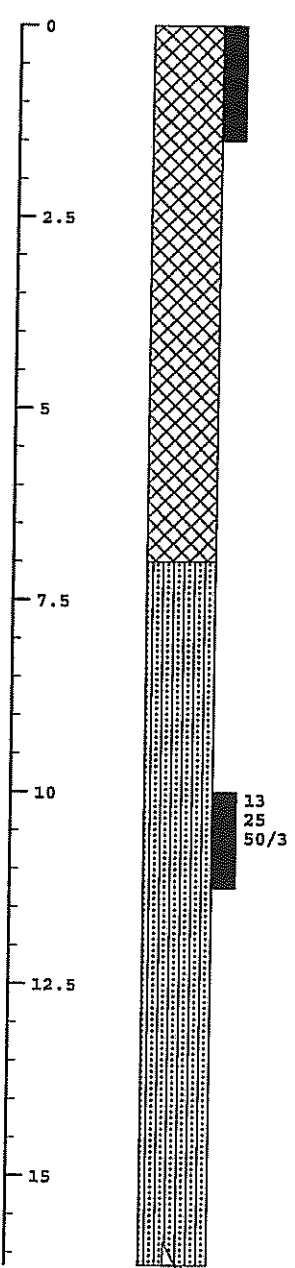
EXPLORATION LOG GNC1-BD27

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07233/ W:-114.97883
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-12-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Light yellowish brown (10YR 6/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.8 ppmV.						
2.5		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and very dense. ...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.8 ppmV.						
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

GNC1-BD27

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07233/ W:-114.97883

EXPLORATION DATE: 2-12-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

[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 GNC1-BD28

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07245/ W:-114.97680

EXPLORATION DATE: 2-3-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and loose. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...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 GNC1-BD29

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07304/ W:-114.97601

EXPLORATION DATE: 2-4-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

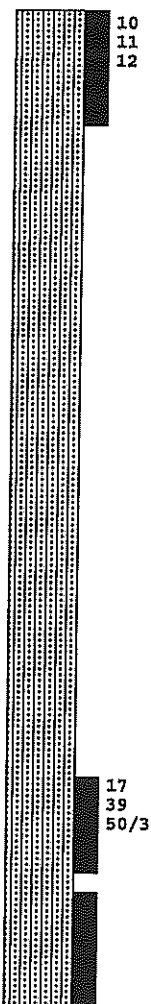
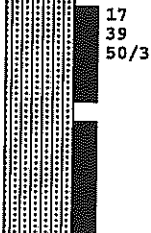
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...very dense.						
			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 GNC1-BE19

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07433/ W:-114.98824
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-5-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	15 30 20	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.9 ppmV.						
2.5		SM	Light yellowish brown (2.5Y 5/3) silty SAND, few gravel, few organics, moist and dense.						
5			...brown (7.5YR 5/3).						
7.5									
10	21 13 17		...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.9 ppmV.						
12.5			...medium dense.						
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 GNC1-BE20

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07364/ W:-114.98724

EXPLORATION DATE: 2-06-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	13 19 21	SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	37 39 47		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...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 GNC1-BE21

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07392/ W:-114.98643
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-06-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	17 15 18	SM	Pale yellow (2.5YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	21 31 50/4		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...very dense.						
12.5									
15			END OF BORING AT 14.5 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

GNC1-BE22

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07387/ W:-114.98509

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-5-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	10 12 16	SM	Grayish brown (2.5Y 5/2) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.6 ppmV.						
2.5									
5									
7.5									
10	12 19 28		...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.9 ppmV.						
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 GNC1-BE23

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07423/ W:-114.98384

EXPLORATION DATE: 2-06-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

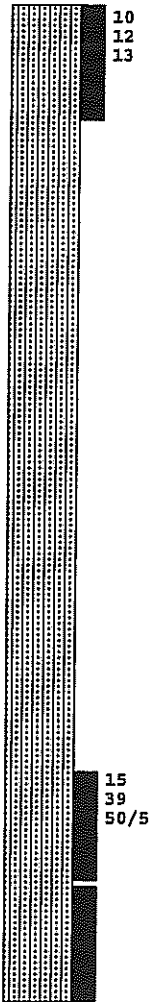
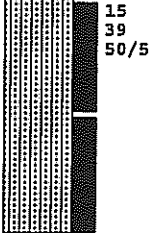
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...very dense.						
			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 GNC1-BE24

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07382/ W:-114.98250

EXPLORATION DATE: 2-09-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.1 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.1 ppmV.						
12.5		CL	Reddish yellow (7.5YR 6/6) lean CLAY with sand, some gypsum, moist and very stiff.						
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

GNC1-BE25

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07341/ W:-114.98096

EXPLORATION DATE: 2-2-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0 2.5 5 7.5 10 12.5 15	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></di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EXPLORATION LOG GNC1-BE26

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07358/ W:-114.97993
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-3-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	6 7 12	SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
	17 42 49		...PIDs: 10.6 eV = 1.1 ppmV, 11.7 eV = 1.2 ppmV.						
5			...very dense.						
7.5									
10									
12.5									
15	37 50/5		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						

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EXPLORATION LOG

GNC1-BE26

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07358/ W:-114.97993

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-3-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A[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.

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.

Figure No. 37

EXPLORATION LOG GNC1-BE27

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07347/ W:-114.97869
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-3-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	19 32 39	SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
2.5									
5									
7.5									
10									
12.5	31 50/4		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 1.2 ppmV. ...very dense.						
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 GNC1-BE28

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07373/ W:-114.97686
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-3-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	40 40 45	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.2 ppmV.						
2.5									
5									
7.5									
10	17 21 27		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.7 ppmV. ...medium dense.						
12.5									
15			END OF BORING AT 13.0 FEET						

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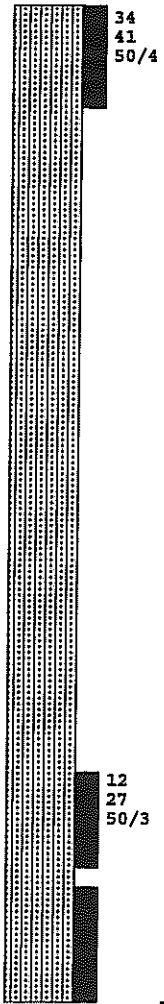
EXPLORATION LOG GNC1-BE29

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07360/ W:-114.97633
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-4-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and very dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
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 GNC1-BF19

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07505/ W:-114.98903

EXPLORATION DATE: 2-5-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	17 21 25	SM	Pale yellow (2.5Y 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 2.4 ppmV.						
2.5									
5									
7.5									
10									
12.5	19 27 34		...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 1.9 ppmV. ...dense.						
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

GNC1-BF20

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07478/ W:-114.98762

EXPLORATION DATE: 2-06-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

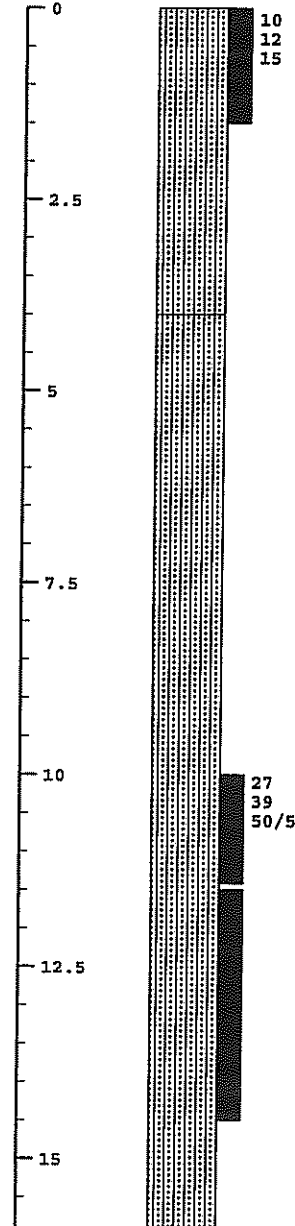
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND, few gravel, few organics, moist and medium dense.						
2.5		SM	Light olive brown (2.5Y 5/4) silty SAND with gravel, moist and dense.						
5									
7.5									
10			..PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...some gypsum (as coatings and encrustations) and very dense.						
15									

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EXPLORATION LOG

GNC1-BF20

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07478/ W:-114.98762

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-06-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

[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 GNC1-BF21

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07514/ W:-114.98546

EXPLORATION DATE: 2-5-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	30 35 38	SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.2 ppmV.						
2.5									
5									
7.5									
10	17 21 35		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
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 GNC1-BF22

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07471/ W:-114.98449

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-06-09

EQUIPMENT: D-50 TRACK RIG

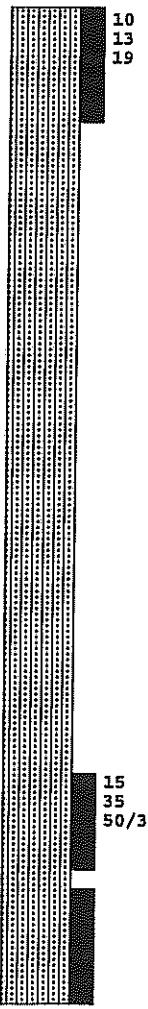
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND, few gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
12.5			...very dense.						
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 GNC1-BF23

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07465/ W:-114.98330

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-06-09

EQUIPMENT: D-50 TRACK RIG

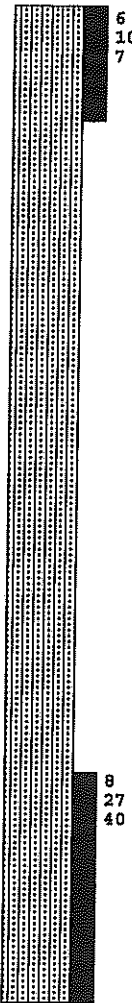
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and loose. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...dense.						
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

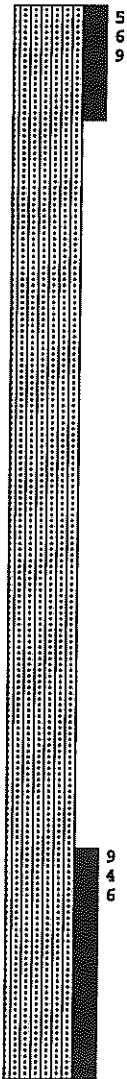
GNC1-BF24

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07474/ W:-114.98256
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-09-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Reddish yellow (7.5 YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
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.

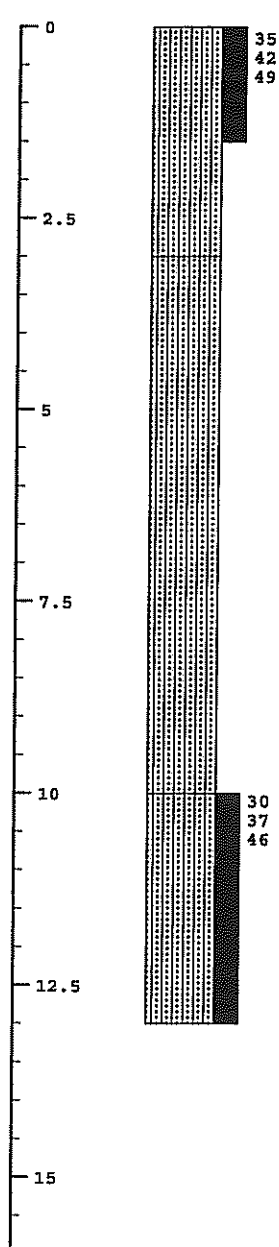
EXPLORATION LOG GNC1-BG19

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07570/ W:-114.98836
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-5-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Brown (10YR 5/3) silty SAND, few gravel, few organics, moist and very dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 1.7 ppmV.						
2.5		SM	Brown (10YR 5/3) silty SAND with gravel, moist and very dense.						
10		SM	...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.8 ppmV. Brown (10YR 5/3) silty SAND, few gravel, moist and dense.						
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 GNC1-BG20

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07591/ W:-114.98672

EXPLORATION DATE: 2-5-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	27 35 40	SM	Brown (10YR 5/3) silty SAND, few gravel, few organics, moist and dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.5 ppmV.						
2.5									
5	37 42 49		...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.6 ppmV. ...very dense.						
7.5									
10			END OF BORING AT 13.0 FEET						
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 GNC1-BG21

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07567/ W:-114.98645

EXPLORATION DATE: 2-5-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

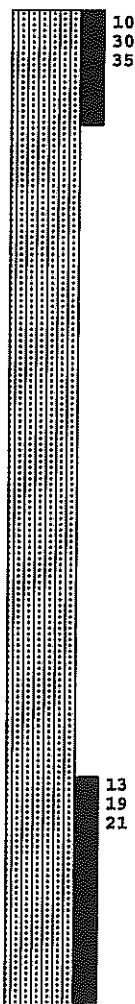
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Pale yellow (2.5Y 7/3) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.9 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.8 ppmV.						
12.5			...medium dense.						
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 GNC1-BG22

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07601/ W:-114.98491

EXPLORATION DATE: 2-5-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	10 12 13	SM	Grayish brown (2.5Y 5/2) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.6 ppmV.						
2.5									
5									
7.5									
10	27 35 50/4		...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 1.4 ppmV. ...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 GNC1-BG23

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07572/ W:-114.98378

EXPLORATION DATE: 2-06-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

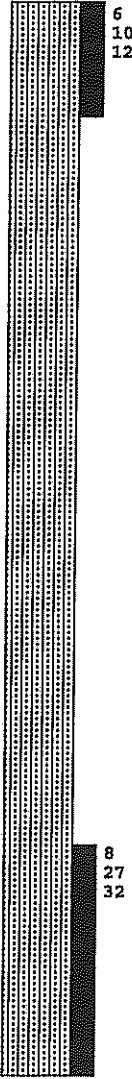
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
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

GNC1-BG24

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07561/ W:-114.98211

EXPLORATION DATE: 2-09-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

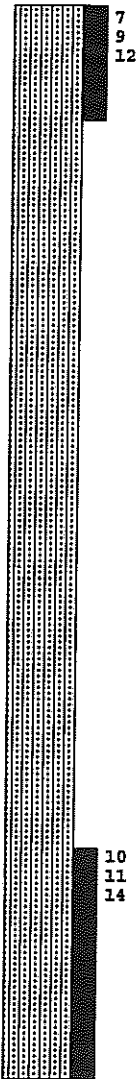
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.1 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
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.

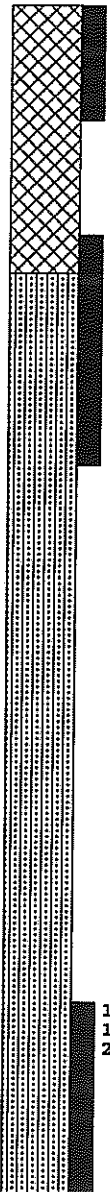
EXPLORATION LOG GNC1-JB01

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07145/ W:-114.98620
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-10-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.5 ppmV.						
5		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense.						
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
15									
END OF BORING AT 15.5 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

GNC1-JB02

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07129/ W:-114.98390

EXPLORATION DATE: 2-11-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

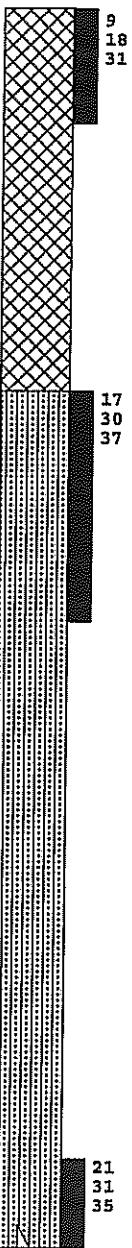
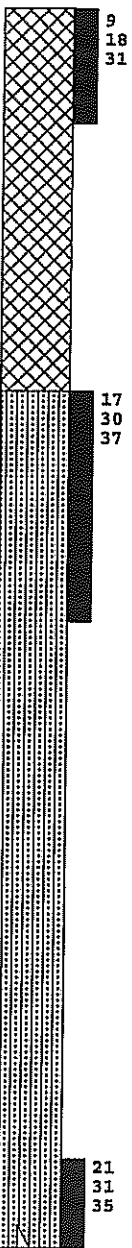
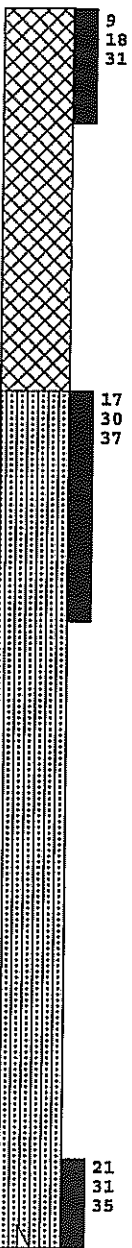
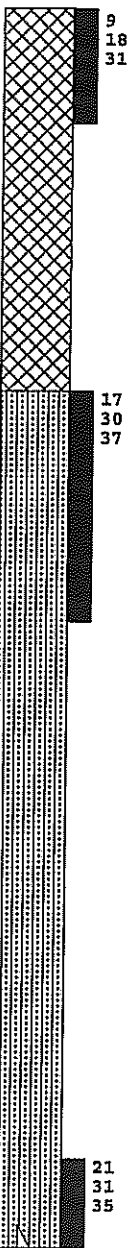
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Brown (7.5YR 4/2) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5		SM	Brown (7.5YR 4/2) silty SAND with gravel, moist and dense. ...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.0 ppmV.						
7.5									
10									
12.5									
15			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						

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

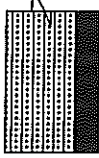
GNC1-JB02

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07129/ W:-114.98390
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-11-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

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

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.

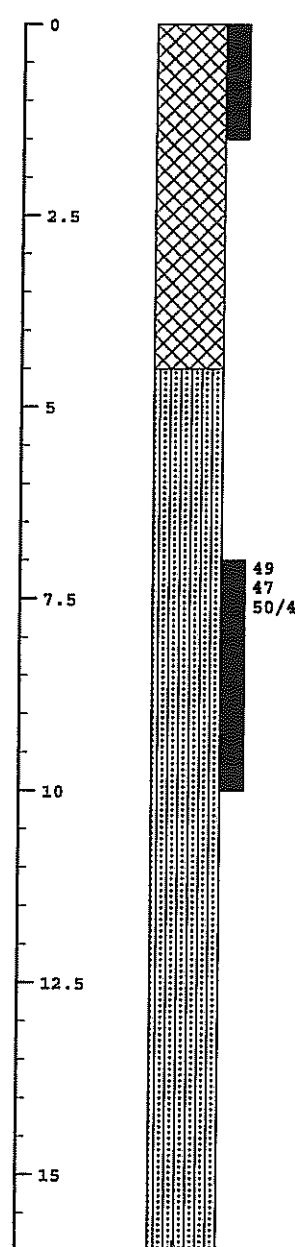
EXPLORATION LOG GNC1-JB03

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07115/ W:-114.97859
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-13-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Light yellowish brown (10YR 6/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and very dense. ...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.4 ppmV.						
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.

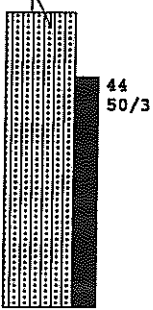
EXPLORATION LOG GNC1-JB03

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07115/ W:-114.97859
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-13-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
20			END OF BORING AT 20.0 FEET						
22.5									
25									
27.5									
30									

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 GNC1-JB04

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07184/ W:-114.98191

EXPLORATION DATE: 2-11-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

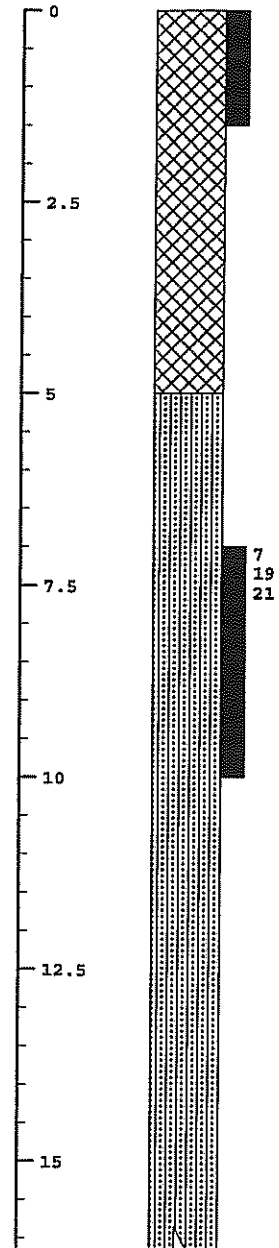
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Light yellowish brown (10YR 6/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
2.5		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. ...PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 0.6 ppmV.						
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 GNC1-JB04

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07184/ W:-114.98191

EXPLORATION DATE: 2-11-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

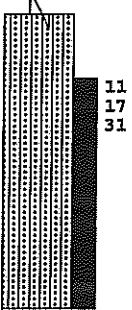
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.5 ppmV.						
20			END OF BORING AT 20.0 FEET						
22.5									
25									
27.5									
30									

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.

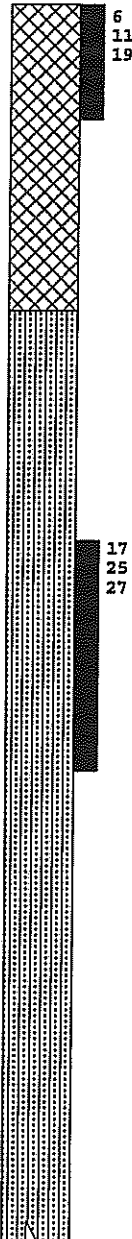
EXPLORATION LOG GNC1-JB05

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07268/ W:-114.98252
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-11-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Reddish yellow silty SAND with gravel, moist and dense. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
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.

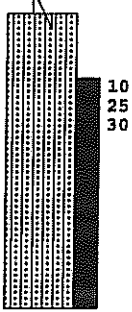
EXPLORATION LOG GNC1-JB05

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07268/ W:-114.98252
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-11-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.3 ppmV.						
20			END OF BORING AT 20.0 FEET						
22.5									
25									
27.5									
30									

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.

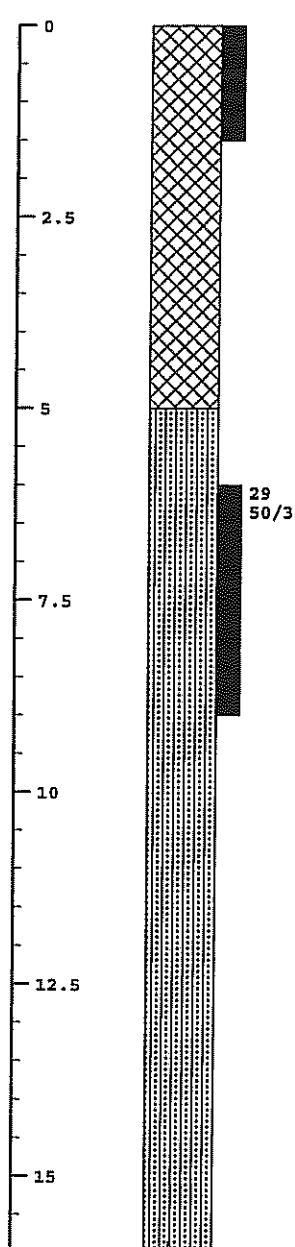
EXPLORATION LOG GNC1-JB06

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07118/ W:-114.98126
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-13-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Yellowish brown (10YR 5/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.9 ppmV.						
2.5		SM	Yellowish brown (10YR 5/4) silty SAND with gravel, moist and very dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.9 ppmV.						
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

GNC1-JB06

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07118/ W:-114.98126

EXPLORATION DATE: 2-13-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

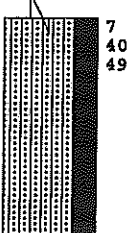
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.5 ppmV.						
20			END OF BORING AT 19.0 FEET						
22.5									
25									
27.5									
30									

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

GNC1-JB07

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07147/ W:-114.97678

EXPLORATION DATE: 2-13-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

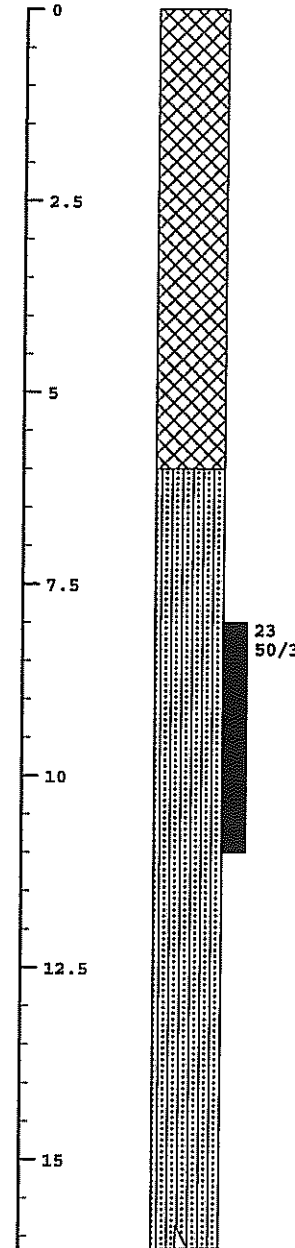
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Yellowish brown (10YR 5/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.2 ppmV.						
2.5		SM	Reddish yellow silty SAND with gravel, moist and very dense. ...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
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.

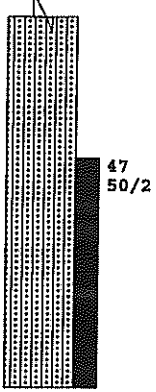
EXPLORATION LOG GNC1-JB07

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07147/ W:-114.97678
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-13-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5 20 22.5 25 27.5 30			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
			END OF BORING AT 21.0 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

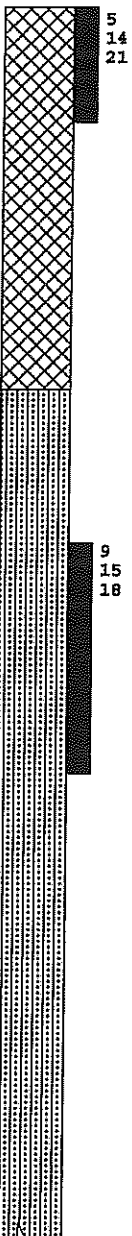
GNC1-JB08

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07221/ W:-114.98395
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-10-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. ...PIDs; 10.6 eV = 0.2 ppmV, 11.7 eV = 0.4 ppmV.						
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.

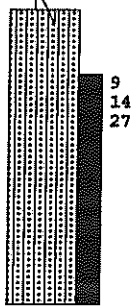
EXPLORATION LOG GNC1-JB08

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07221/ W:-114.98395
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-10-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.2 ppmV.						
20			END OF BORING AT 20.0 FEET						
22.5									
25									
27.5									
30									

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

GNC1-JB09

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07314/ W:-114.97869

EXPLORATION DATE: 2-2-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

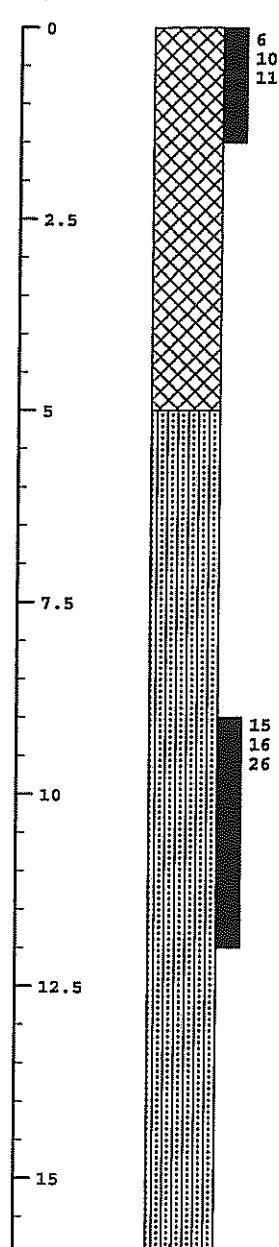
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Light yellowish brown (10YR 6/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Light yellowish brown (10YR 3/4) silty SAND with gravel, moist and medium dense. ...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
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

GNC1-JB09

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07314/ W:-114.97869

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-2-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
<div> <div>17.5</div> <div>20</div> <div>22.5</div> <div>25</div> <div>27.5</div> <div>30</div> </div> <div> <div>18 49 46</div> </div>			<p>...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.</p> <p>...very dense.</p>						
			END OF BORING AT 22.0 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.

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Figure No. 61

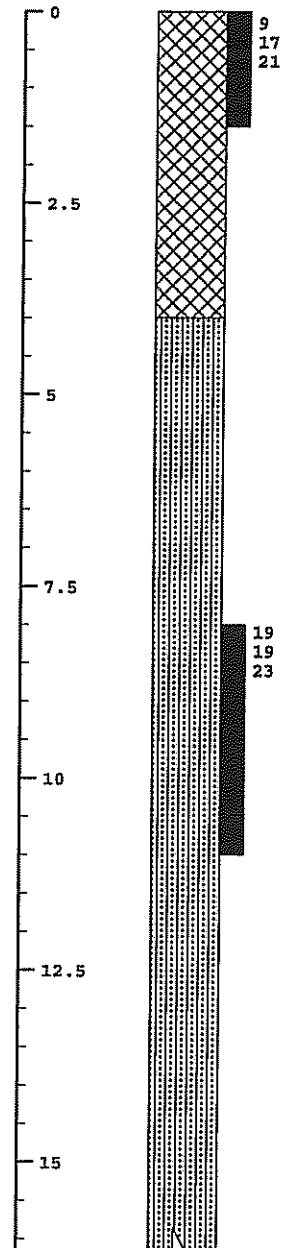
EXPLORATION LOG GNC1-JB10

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07220/ W:-114.98105
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-11-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		FILL	Fill: Brown (7.5YR 5/4) silty SAND with gravel, moist. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.6 ppmV.						
2.5		SM	Brown (7.5YR 5/4) silty SAND with gravel, moist and medium dense. ...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
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

GNC1-JB10

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07220/ W:-114.98105

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-11-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
<div> <div> <div>17.5</div> <div>20</div> <div>22.5</div> <div>25</div> <div>27.5</div> <div>30</div> </div> <div> <div>20 25 25</div> </div> </div>			<p>...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.6 ppmV.</p> <p>...dense.</p>						
			END OF BORING AT 21.0 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 GNC1-JD01

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07104/ W:-114.99312

EXPLORATION DATE: 1-27-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	7 8 13	SM	Light yellowish brown (10YR 6/4) silty SAND, few gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5	7 9 13	SM	Light brown (7.5YR 6/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
5									
7.5									
10									
12.5	22 33 48		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
15									
			END OF BORING AT 15.5 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

GNC1-JD02

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07123/ W:-114.99337
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-27-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	11 12 19	SM	Light brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	13 19 22		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.2 ppmV.						
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

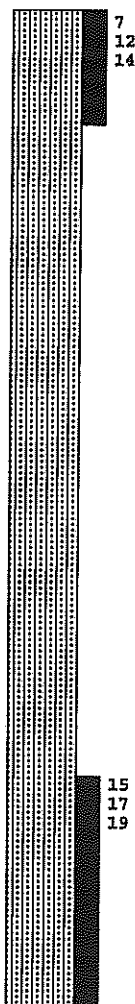
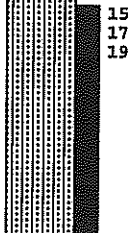
GNC1-JD04

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07125/ W:-114.98780
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-28-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
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

GNC1-JD05

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07174/ W:-114.98802

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 1-29-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

[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 GNC1-JD05

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07174/ W:-114.98802

EXPLORATION DATE: 1-29-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

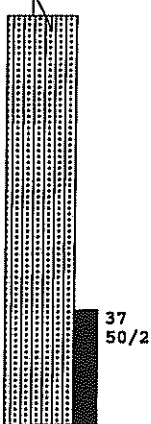
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...capillary fringe and very dense.						
20			END OF BORING AT 21.5 FEET						
22.5									
25									
27.5									
30									

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 GNC1-JD06

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07205/ W:-114.98797

EXPLORATION DATE: 2-13-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	6 10 12	SM	Light brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.6 ppmV.						
2.5									
5									
7.5									
10	31 50/4		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 2.5 ppmV. ...stained dark grayish brown (10YR 4/2) .						
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 GNC1-JD07

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07283/ W:-114.98834

EXPLORATION DATE: 1-30-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	7 9 13	SM	Light brown (7.5YR 6/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	15 32 37		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...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 GNC1-JD08

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07334/ W:-114.98859

EXPLORATION DATE: 1-30-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

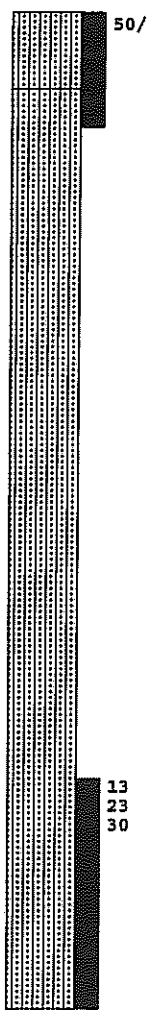
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/3) silty SAND with gravel, dry and very dense.						
2.5		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and very dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV						
5									
7.5									
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...dense.						
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

GNC1-JD09

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07385/ W:-114.98884

EXPLORATION DATE: 1-30-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

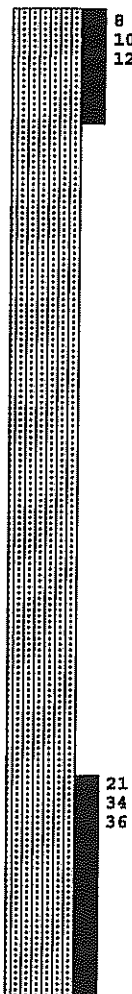
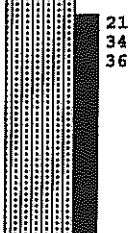
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Brown (10YR 4/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.1 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.2 ppmV. ...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

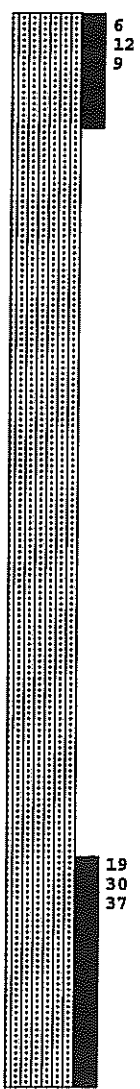
GNC1-JD10

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07436/ W:-114.98910
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-09-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
			...dense.						
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.

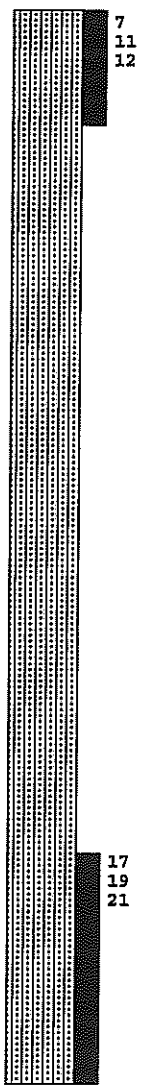
EXPLORATION LOG GNC1-JD11

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07483/ W:-114.98932
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-09-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
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.
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EXPLORATION LOG GNC1-JP01

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07122/ W:-114.98621

EXPLORATION DATE: 2-10-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	5 11 9	SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
2.5									
5									
7.5									
10	31 39 50/4		...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV. ...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 GNC1-JP02

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07141/ W:-114.98235

EXPLORATION DATE: 2-12-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

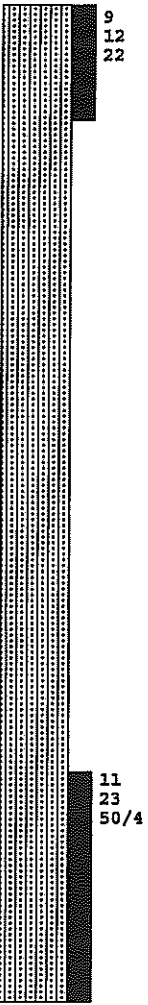
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.5 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.4 ppmV.						
12.5			...very dense.						
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 GNC1-JP03

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07264/ W:-114.97789
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-11-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	12 13 21	SM	Light olive brown (2.5YR 5/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.4 ppmV.						
2.5									
5									
7.5									
10									
12.5	10 11 21		...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.0 ppmV.						
15			...collect SPLP sample, 2-extra sleeves.						
END OF BORING AT 15.5 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.

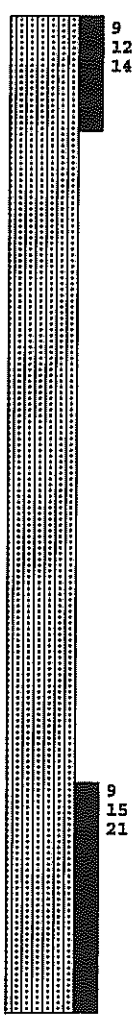
EXPLORATION LOG GNC1-JP04

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07156/ W:-114.98452
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-10-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.6 ppmV.						
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

GNC1-JP05

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07116/ W:-114.98072

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-4-09

EQUIPMENT: D-50 TRACK RIG

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	6 12 13	SM	Light yellowish brown (2.5Y 6/4) silty SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5	47 41 42		...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.2 ppmV. ...dense.						
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 GNC1-JP06

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07163/ W:-114.97972
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 2-12-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmv.						
2.5			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.8 ppmV.						
5			...very dense.						
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.						
15									
END OF BORING AT 15.5 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 GNC1-JP07

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07282/ W:-114.97922
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-11-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	11 21 36	SM	Light yellowish brown (10 YR 6/4) silty SAND with gravel, moist and dense. PID: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5	11 21 36		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.5 ppmV.						
7.5									
10									
12.5									
15	9 14 21		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV. ...medium dense.						
			END OF BORING AT 15.5 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 GNC1-JP08

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07213/ W:-114.98323

EXPLORATION DATE: 2-10-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

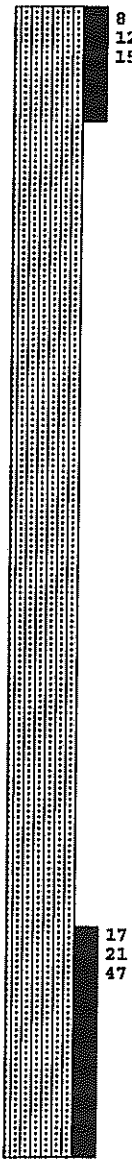
LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Reddish yellow (7.5YR 6/6) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.9 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.8 ppmV. ..dense.						
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 GNC1-JS01

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07113/ W:-114.99171
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-28-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	5 9 14	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, dry and medium dense.						
2.5		SM	PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. Yellowish brown (10YR 6/6) silty SAND with gravel, moist and medium dense.						
5									
7.5									
10	11 27 50/5		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...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 GNC1-JS02

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07109/ W:-114.99054
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-30-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	11 16 17	SM	Very pale brown (10YR 7/4) silty SAND, few gravel, dry and loose. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Light yellowish (10 YR 6/4) brown silty SAND with gravel, moist and medium dense.						
5									
7.5									
10	27 37 42		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...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 GNC1-JS03

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07124/ W:-114.98942
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 1-27-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	21 37 39	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5	24 22 50/5		...weakly cemented to 8 feet.						
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.3 ppmV.						
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 GNC1-JS04

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07114/ W:-114.98894

EXPLORATION DATE: 1-28-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	6 10 15	SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5	11 27 32		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
7.5									
10			END OF BORING AT 13.0 FEET						
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 GNC1-JS05

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07142/ W:-114.98972

EXPLORATION DATE: 1-27-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	9 11 13	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	19 25 36		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...light brown (7.5YR 6/4) and 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.

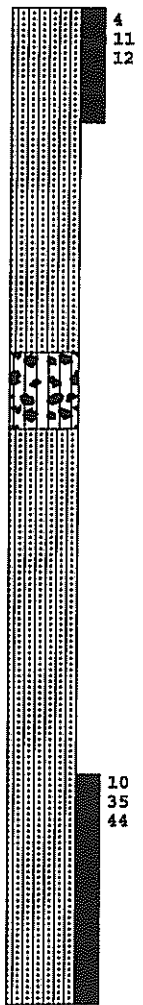
EXPLORATION LOG GNC1-JS06

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07136/ W:-114.98839
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-28-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5		GM	Light yellowish brown (10YR 6/4) silty GRAVEL with sand, moist and medium dense.						
7.5		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and dense.						
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...dense.						
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 GNC1-JS07

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07337/ W:-114.97732

EXPLORATION DATE: 2-3-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	27 39 49	SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV.						
2.5									
5	11 21 32		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
7.5									
10			END OF BORING AT 13.0 FEET						
12.5									
15									

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It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG

GNC1-JS08

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07207/ W:-114.98789

EXPLORATION DATE: 1-28-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

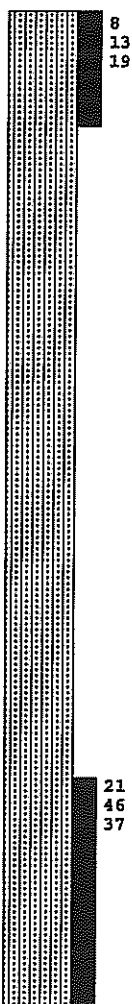
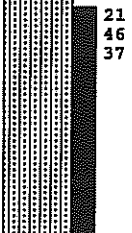
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...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.

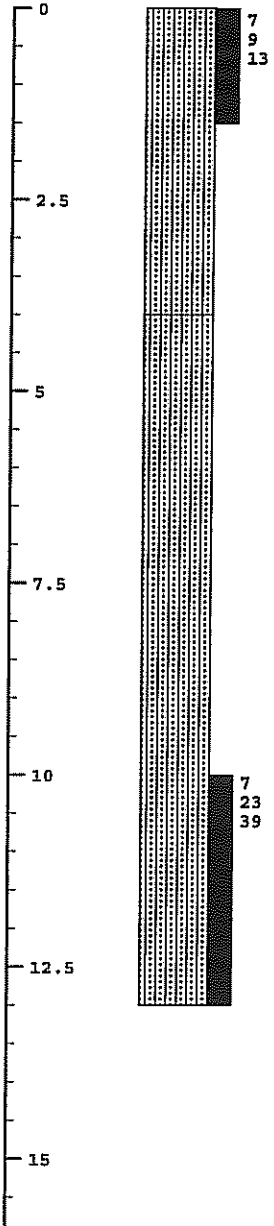
EXPLORATION LOG GNC1-JS09

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07308/ W:-114.98796
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 1-30-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5		SM	Brown (10YR 5/4) silty SAND, few gravel, moist and dense.						
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.3 ppmV.						
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.

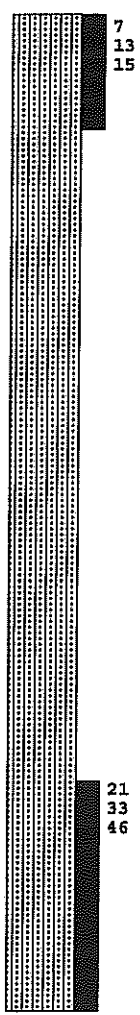
EXPLORATION LOG GNC1-JS10

PROJECT: GALLERIA NORTH SUB-AREA
 BORING LOCATION: N:36.07319/ W:-114.98738
 EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
 EXPLORATION DATE: 1-30-09
 EQUIPMENT: D-50 TRACK RIG
 LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
 DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
12.5			...dense.						
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 GNC1-JS11

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07309/ W:-114.98543

EXPLORATION DATE: 1-29-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/HANSEN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	10 31 22	SM	Very pale brown (10YR 7/3) silty SAND with gravel, moist and dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5	13 19 26		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...medium dense.						
7.5									
10			END OF BORING AT 13.0 FEET						
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.

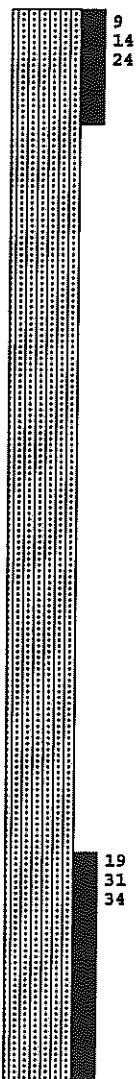
EXPLORATION LOG GNC1-JS12

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07184/ W:-114.98283
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-10-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
12.5			...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 0.2 ppmV. ..dense.						
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.

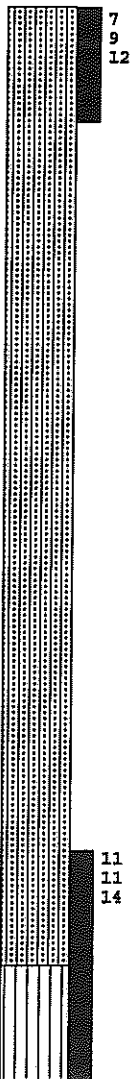
EXPLORATION LOG GNC1-JS13

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07370/ W:-114.98193
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-09-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light reddish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10									
11									
12.5									
14									
15									
		ML	Mottled reddish yellow (7.5YR 6/6) and light greenish gray (LEY 1 8/5GY) SILT with sand, some gypsum, moist and very stiff.						
			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 GNC1-JS14

PROJECT: GALLERIA NORTH SUB-AREA
BORING LOCATION: N:36.07267/ W:-114.98046
EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1
EXPLORATION DATE: 2-2-09
EQUIPMENT: D-50 TRACK RIG
LOGGED BY: GACUSAN/MEHLHORN

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

DATE MEASURED: N/A
DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	9 11 13	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5	11 17 19		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
5									
7.5									
10									
12.5	5 18 27		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
15									
END OF BORING AT 15.5 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 GNC1-JS15

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07206/ W:-114.97795

EXPLORATION DATE: 2-13-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0	9 15 22	SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5									
10	10 27 43		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV. ...dense.						
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

GNC1-JS15

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07206/ W:-114.97795

EXPLORATION DATE: 2-13-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
17.5									
20	17 50/3		...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.1 ppmV. ...very dense.						
22.5									
25									
27.5									
30	13 50/3		...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV. ...encounter capillary fringe.						
			END OF BORING AT 31.5 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

GNC1-JS16

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07324/ W:-114.97825

EXPLORATION DATE: 2-2-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

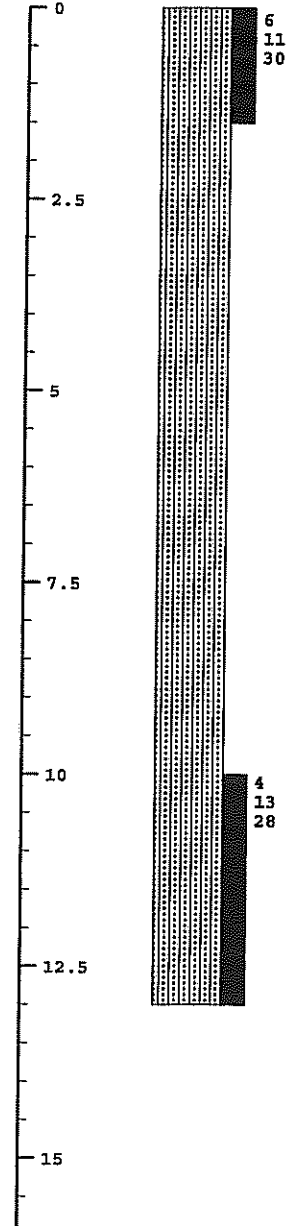
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Very pale brown (10YR 7/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.1 ppmV.						
2.5									
5									
7.5									
10			...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
12.5			...dense.						
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 GNC1-JS17

PROJECT: GALLERIA NORTH SUB-AREA

BORING LOCATION: N:36.07126/ W:-114.97697

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082449V1

EXPLORATION DATE: 2-4-09

EQUIPMENT: D-50 TRACK RIG

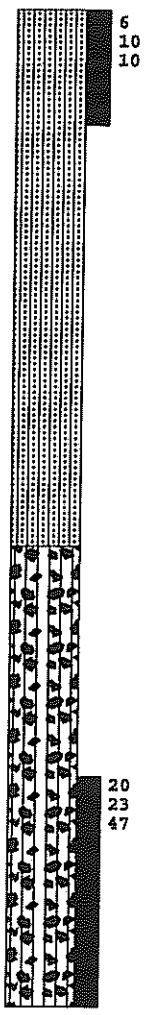
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (10YR 6/4) silty SAND with gravel, moist and medium dense. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5									
5									
7.5		GM	Very pale brown (10YR 7/4) silty GRAVEL with sand, moist and dense.						
10			...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 1.2 ppmV.						
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 GNC1-JS18

PROJECT: GALLERIA NORTH SUB-AREA

PROJECT NO.: 20082449V1

BORING LOCATION: N:36.07340/ W:-114.97672

EXPLORATION DATE: 2-3-09

EXPLORATION SIZE (dia.): 8 1/2" O.D. H.S. AUGERS

EQUIPMENT: D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

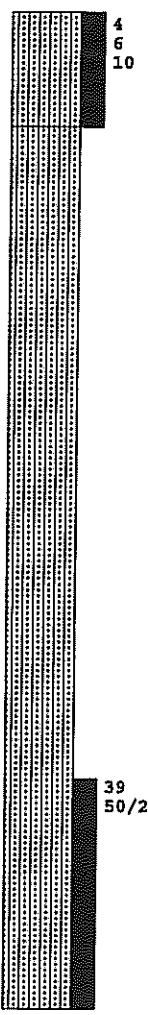
LOGGED BY: GACUSAN/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	SWELL (%)	POCKET PENETROMETER (tsf)
0		SM	Light yellowish brown (2.5YR 6/4) silty SAND, few gravel, moist and loose. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.						
2.5		SM	Light yellowish brown silty SAND with gravel, moist and very dense.						
10			...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV.						
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.

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

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

FED EX #: 061593210000676

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner 

Date: 1-26-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA		Container						TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA	Asbestos Elutriator Method 540	Percent Moisture
SAMPLE ID	DATE																
G-NC1-JD02-A/B	1-26-09						0900	X								X	
G-NC1-JD01-A/B	1-26-09						0905	X								X	
G-NC1-BB16-A/B	1-26-09						0910	X								X	
G-NC1-JD03-A/B	1-26-09						0915	X								X	
G-NC1-BC16-A/B	1-26-09						0920	X								X	
G-NC1-JS01-A/B	1-26-09						0930	X								X	
G-NC1-BC17-A/B	1-26-09						0935	X								X	
G-NC1-JS02-A/B	1-26-09						0940	X								X	
G-NC1-JS05-A/B	1-26-09						0950	X								X	
G-NC1-BC18-A/B	1-26-09						0955	X								X	

Comments/Instructions:


Signature:

Print Name:

Date:

Company Name/Title:

Time:

RELINQUISHED BY: 

RECEIVED BY: 

Date: 1-27-09

Company Name/Title: G&S Geologists

Time: 0900

RELINQUISHED BY:

Date: 1-27-09

Company Name/Title: FedEx

Time: 0900

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 Barejas-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 #: 061593210000676

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner 

Date: 1-26-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA		Container						Asbestos Elutriator		Percent Moisture	
SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH	ED	
G-NCL-JD02-A/B	1-26-09	0900	X								
G-NCL-JD01-A/B	1-26-09	0905	X								
G-NCL-BB16-A/B	1-26-09	0910	X								
G-NCL-JD03-A/B	1-26-09	0915	X								
G-NCL-BC16-A/B	1-26-09	0920	X								
G-NCL-JS01-A/B	1-26-09	0930	X								
G-NCL-BC17-A/B	1-26-09	0935	X								
G-NCL-JS02-A/B	1-26-09	0940	X								
G-NCL-JS05-A/B	1-26-09	0950	X								
G-NCL-BC18-A/B	1-26-09	0955	X								

Comments/Instructions:

Signature:



RELINQUISHED BY:

FedEx

Print Name:

Mandy Sumner

Company Name/Title:

GeoLogix

Date:

1-27-09

RECEIVED BY:

FedEx

Time:

0900

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 #: 0615932 10000676

Date: 1-26-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

ANALYSIS REQUEST

Handy Samer 	PROJECT NAME: GALLERIA NORTH SUB AREA										
	PROJECT NUMBER: 20082449V1										
	SAMPLE ID	DATE	TIME	Container							
				Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	EDTA	
	GNC1 - BC20 - A/B	1-26-09	1045	X							
	GNC1 - BC20-A/B-FD	1-26-09	1045	X							
	GNC1 - BC21-A/B	1-26-09	1050	X							
	GNC1 - JS11-A/B	1-26-09	1115	X							
	GNC1 - BD21-A/B	1-26-09	1120	X							
	GNC1 - BD22-A/B	1-26-09	1135	X							
	GNC1 - BD23-A/B	1-26-09	1130	X							
	GNC1 - JB05-A/B	1-26-09	1135	X							
	GNC1 - BD24-A/B	1-26-09	1140	X							
	GNC1 - BF25-A/B	1-26-09	1200	X							
Asbestos Elutriator Method 540											
Percent Moisture											

Comments/Instructions:

Signature:

Print Name:

Company Name/Title:

Date: _____ Time: _____

REINQUISHED BY:

14

Handy Summar

1-27-09	0900
---------	------

RECEIVED BY:

0307

100-2709-0900

RELINQUISHED BY:

10

— 100 —

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

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

FED EX #: 0618932 10000 676

SAMPLER(S) PRINTED NAME AND SIGNATURE

Manely Simon

Date: 1-26-09

ANALYSIS REQUEST

Mandy Sumner	PROJECT NAME: GALLERIA NORTH SUB AREA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				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Date: _____ Time: _____

1-27-09	0900
---------	------

1-27-09	0900
---------	------

1

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 #: 0615932 1000676
Date: 1-26-09

SAMPLER(S) PRINTED NAME AND SIGNATURE
Mandy Sommer

PROJECT NAME: GALLERIA NORTH SUB AREA										
PROJECT NUMBER: 20082449V1										
SAMPLE ID	DATE	TIME	Container					Asbestos Elutriator Method B40	Percent Moisture	
			Unpres	H2SO4	HNO3	HCl	NaOH			ZnAc
G-NCL-BC18-A/B-FD	1-26-09	0955	X						X	
G-NCL-JS03-A/B	1-26-09	1000	X						X	
G-NCL-JS04-A/B	1-26-09	1005	X						X	
G-NCL-JS06-A/B	1-26-09	1008	X						X	
G-NCL-JD04-A/B	1-26-09	1010	X						X	
G-NCL-BC19-A/B	1-26-09	1020	X						X	
G-NCL-JD05-A/B	1-26-09	1025	X						X	
G-NCL-JS08-A/B	1-26-09	1030	X						X	
G-NCL-JD06-A/B	1-26-09	1035	X						X	
G-NCL-BD19-A/B	1-26-09	1040	X						X	

Comments/Instructions:

RELINQUISHED BY: <i>Feel Ex</i>	Signature: <i>Mandy Sommer</i>	Print Name: <i>Mandy Sommer</i>	Company Name/Title: <i>Ges Geology</i>	Date: <i>1-27-09</i>	Time: <i>0900</i>
RECEIVED BY: <i>Feel Ex</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: GEL Laboratories, LLC
Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

FED EX #: 7962 9059 6640 Date: 1-28-09

SAMPLER(S) PRINTED NAME AND SIGNATURE: Monty Mehler

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

CONTAINER: H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

DATE: 1-28-09 TIME: 0730

DATE: 1-28-09 TIME: 0750

DATE: 1-28-09 TIME: 0810

DATE: 1-28-09 TIME: 0830

DATE: 1-28-09 TIME: 0900

DATE: 1-28-09 TIME: 0915

DATE: 1-28-09 TIME: 0935

DATE: 1-28-09 TIME: 0950

DATE: 1-28-09 TIME: 0950

DATE: 1-28-09 TIME: 0950

DATE: 1-28-09 TIME: 0950

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DATE: 1-28-09 TIME: 0950

DATE: 1-28-09 TIME: 0950

DATE: 1-28-09 TIME: 0950

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: Monty Mehler Signature: Monty Mehler
RECEIVED BY: Fed Ex Print Name: GEL/Geologist
RELINQUISHED BY: Fed Ex Date: 1-28-09 1700
RECEIVED BY: Fed Ex Date: 1-28-09 1700

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

SAMPLER(S) PRINTED NAME AND SIGNATURE

ANALYSIS REQUEST

Date: 1-30-09

Comments/Instructions:

Print Name: _____

Company Name/Title:

Print Name: Handy Simon

des Geodogaf

1-20-09 ¥700

red ex

1-58-1	60-59	1700
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For Lab Use Only: Sample Condition Upon Receipt:

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

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 1-27-09

Mandy Smarr
Monty Mellon / Monty Mehhorn

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

[illegible]

Comments/Instructions:

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

Analyze at TA-Sacramento

Analyze at TA-Nashville

Analyze at TA-Burlington

analyze at A-Burllington

Signature:

Print Name:

Plandy Simon

Company Name/Title:

Date: _____ Time: _____

27-29 17410

1700	504
0021	601

Boyle	1700
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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

City, Missouri 63045
Phone: (314) 298-8566
Date: 1-27-05

(Voc: 796283894090)

SAMPLER(S) PRINTED NAME AND SIGNATURE

Wandy Sumar
Monty Mehlnorn / Monty Mehlnor

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNC1 - BC16 - 0	1-27-09	0940	49						
GNC1 - BC16 - 10	1-27-09	0950	49						
GNC1 - BC18 - 0	1-27-09	1005	49						
GNC1 - BC18 - 10	1-27-09	1015	49						
GNC1 - JS05 - 0	1-27-09	1035	49						
GNC - JS05 - 10	1-27-09	1045	49						
GNC1	1-27-09		49						
GNC1 - BC18 - 0 - FD	1-27-09	1005	49						

ANALYSIS REQUEST

[illegible]

Comments/Instructions:

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

¹ Analyze at TA-Sacramento

2 Analyze at TA-Nashville

² Analyze at TA-Burlington

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

method 1668) is greater than 33 ppb, please analyze for atractors by 8082

Signature:

Print Name:

Print Name: _____

Company Name/Title:

Date: _____ Time: _____

1-27-09 1750

404-1	60-27-1
-------	---------

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 #: 7962 8356 4219 (VOCs 7962 8356 4090) Date: 1-27-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Simon
Monty Melhorn

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

PROJECT NUMBER: 20082449V1	Container										TIME	DATE	SAMPLE ID	
	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA							

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- ¹ Analyze at TA-Sacramento
- ² Analyze at TA-Nashville
- ³ Analyze at TA-Burlington
- ⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: Mandy Simon
RECEIVED BY: Fed Ex
RELINQUISHED BY: Fed Ex
RECEIVED BY: Fed Ex

Signature: Mandy Simon
Print Name: Mandy Simon
Company Name/Title: Gas Geochem
Date: 1-27-09
Time: 1200

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 Dr
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

FEDEX#: 79628355 6173

SAMPLER(S) PRINTED NAME AND SIGNATURE

Windsor Summit

Monty Mehlhorn / Monty Mehlhorn

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

PROJECT NUMBER: 20082449V1										Container					
SAMPLE ID		DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA					
GNCI - JD02-0		1-27-09	0735	X											
GNCI - JD02-10		1-27-09	0750	X											
GNCI - JD01-0		1-27-09	0815	X											
GNCI - JD01-3		1-27-09	0818	X											
GNCI - JD01-13		1-27-09	0834	X											
GNCI - BB16-0		1-27-09	0910	X											
GNCI - BB16-10		1-27-09	0925	X											
GNCI - BC16-0		1-27-09	0940	X											
GNCI - BC16-10		1-27-09	0950	X											
GNCI - BC18-0		1-27-09	1005	X											

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature: _____

Print Name: Alardy Summer

Company Name/Title: _____ Date: _____ Time: _____

RELINQUISHED BY:

Gas Geodet
Fed Ex

1-27-09	1700
1-27-09	1700

RECEIVED BY:

2021	6012-1
------	--------

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

FED EX #: 7972 2997 2781

NAME (PRINTED NAME AND SIGNATURE)

Wandy Somers

Monty Mehlsorn / Monty Meells

PROJECT NAME: GALLERIA NORTH SUB AREA

TRAJEG I NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNC1 - BC18-10	1-27-09	1015	25						
GNC1 - JS05-0	1-27-09	1035	25						
GNC1 - JS05-10	1-27-09	1045	25						
GNC1 - JS03-0	1-27-09	1105	25						
GNC1 - JS03-10	1-27-09	1120	25						
GNC1 -	1-27-09		25						
GNC1 -	1-27-09		25						
GNC1 - BC18-0-ED	1-27-09	1005	25						

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature: _____

RELINQUISHED BY: [Signature] Signature: _____ Print Name: _____

RELINQUISHED BY: 	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY: 	Mandy Simon			

[illegible]

for Lab Use Only: Sample Condition Upon Receipt:
ORIGINAL : Send with consent form.

Consent 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

Date: 1-27-09

Nancy Simon

SAMPLE ID	DATE	TIME	Lupres	H ₂ SO ₄	HNO ₃	HCl	NaOH	ZnAc/NaOH	EDA
Rinsate - 1	1-27-09	1300	X	X	X	X	X	X	X
TB-a(1-27-09)	1-27-09	1300	X	X	X	X	X	X	X

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Comments/Instructions:

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

⁵ Extract samples for moisture testing.

3 Analyze at TA-Burlington

Print Name:

Print Name Alarby Simon

Company Name/Title:

Time:

of Felix	Marky Simon
----------	-------------

200

702

072

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

AS

FED EX #: 06159321000 698

Date: 1-28-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container					
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc
GNC1-JP01-A/B	1-28-09	0755	X					
GNC1-JB01-A/B	1-28-09	0800	X					
GNC1-JP04-A/B	1-28-09	0812	X					
GNC1-BC22-A/B	1-28-09	0818	X					
GNC1-JB02-A/B	1-28-09	0822	X					
GNC1-JB08-A/B	1-28-09	0833	X					
GNC1-JP08-A/B	1-28-09	0838	X					
GNC1-BC23-A/B	1-28-09	0840	X					
GNC1-JS12-A/B	1-28-09	0930	X					
GNC1-JP09-A/B	1-28-09	0934	X					

Asbestos Elutriator
Method 540

Percent Moisture

Comments/Instructions:

Signature:

Mandy Sumner

Print Name:

Mandy Sumner

Company Name/Title:

GeoS Geodopt
Fed Ex

Date:

1-28-09 1700
1-28-09 1700

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 Barejas-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

MS

FED EX #: 061593210000 6903

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Samer

Date: 1-28-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container					Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH	EDA	Asbestos Elutriator Method 540	Percent Moisture										
G-NC1 - JPO2-A/B-FD	1-28-09	0934						X								X											
G-NC1 - BC24-A/B	1-28-09	0940						X								X											
G-NC1 - BC25-A/B	1-28-09	0945						X								X											
G-NC1 - JBO4-A/B	1-28-09	0950						X								X											
G-NC1 - JBO10-A/B	1-28-09	0955						X								X											
G-NC1 - BDA5-A/B	1-28-09	1000						X								X											
G-NC1 - JS14-A/B	1-28-09	1012						X								X											
G-NC1 - BDA6-A/B	1-28-09	1018						X								X											
G-NC1 - JPO7-A/B	1-28-09	1023						X								X											
G-NC1 - BC26-A/B	1-28-09	1030						X								X											

Comments/Instructions:

Signature:

MS

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

Print Name:

Mandy Samer

Company Name/Title:

Ces Gadeget

Date:

1-28-09

Time:

1700

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

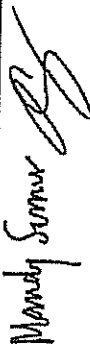
ERM CONTACT PERSON

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

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

FED EX #: 061593210000690 AS

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner 

Date: 1-28-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						EDS	NaOH	ZnAc	EDS
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	EDS			
GNC1 - BD27-A/B	1-28-09	1031	X									
GNC1 - BD27-A/B-FD	1-28-09	1031	X									
GNC1 - JP03-A/B	1-28-09	1037	X									
GNC1 - BD28-A/B	1-28-09	1040	X									
GNC1 - BC28-A/B	1-28-09	1045	X									
GNC1 - JS15-A/B	1-28-09	1048	X									
GNC1 - BC27-A/B	1-28-09	1052	X									
GNC1 - JB03-A/B	1-28-09	1110	X									
GNC1 - JP06-A/B	1-28-09	1115	X									
GNC1 - JP05-A/B	1-28-09	1122	X									

Comments/Instructions:

RELINQUISHED BY:  Signature:

RECEIVED BY: Fed Ex

Print Name: Mandy Sumner

Company Name/Title: Ges Geodart

Date: 1-28-09

Time: 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

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: 1-800-220-3875, ext. 1209

FED EX #: 061593210000690

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 1-28-07

[illegible]

Comments/Instructions:

Signature:

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)

Print Name: _____

Company Name/Title:

Date: _____ Time: _____

1700-28-1

10-8-2-1

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 #: 7962 9059 6694

SAMPLER(S) PRINTED NAME AND SIGNATURE Date: 1-28-09

Monty Mehler
VICTORIA HANSEN

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Container						PERCHLORATE by EPA 314.0	SVOCs by 8270	PAHs by 8270SIM	PERCENT MOISTURE	ANALYSIS REQUEST											
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																
GNC1-JD04-0	1-28-09	1010	2s																					
GNC1-JD04-10	1-28-09	1015	2s																					
GNC1-BC19-0	1-28-09	1040	2s																					
GNC1-BC19-10	1-28-09	1050	2s																					
GNC1-JS08-0	1-28-09	1110	2s																					
GNC1-JS08-10	1-28-09	1120	2s																					
GNC1-BD19-0	1-28-09	1135	2s																					
GNC1-BD19-10	1-28-09	1150	2s																					

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: Monty Mehler	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY: Fed Ex			GEL Geologist	1-28-09	1700
RELINQUISHED BY:			Fed Ex	1-28-09	1700
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

ERIM CONTACT PERSON

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

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

ss: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

th City, Missouri 63045
Phone: (314) 298-8566

Phone: (314) 298-8566

Date: 1-28-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH 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
GNC1-J501-0	1-28-09	0730	451																			
GNC1-J501-10	1-28-09	0750	451																			
GNC1-J502-0	1-28-09	0810	451																			
GNC1-J502-0 - ms/mssd	1-28-09	0810	451																			
GNC1-J502-10	1-28-09	0830	451																			
GNC1-J504-0	1-28-09	0900	451																			
GNC1-J504-0-FD	1-28-09	0920	451																			
TTB-φ(1129109)																						
1-28-09			0600																			
Comments/Instructions:																						

Comments/Instructions:

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

Analyses at T4, Southern Ribs Sampling: emailed on October 17, 2008)

Analyze at I A-Sacramento

Analyze at TA-Nashville

Analyze at TA-Burlington

Analyze at TA-Burlington

Signature:

Print Name: _____

Monty Mehligans

Company Name/Title:

Time:

Case Number	Date	Time
GES/Genlog 13t	1-28-09	1700

Feed Ex	15-17-1	1700
	15-17-1	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 #: 7972 8702 9513 VOCs: 7967 9060 6405
Date: 1-28-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlhorn / Monty Mehlhorn

ANALYSIS REQUEST

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 8316	VOCs* by EPA 8260B	Physical Parameters 3*	Percent Moisture										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																							
GNC1-JS04-10	1-28-09	0915	451																												
GNC1-JS06-0	1-28-09	0935	451																												
GNC1-JS06-10	1-28-09	0950	451																												
GNC1-JD04-0	1-28-09	1010	451																												
GNC1-JD04-10	1-28-09	1015	451																												
GNC1-BC19-0	1-28-09	1040	451																												
GNC1-BC19-10	1-28-09	1050	451																												

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- ¹ Analyze at TA-Sacramento
- ² Analyze at TA-Nashville
- ³ Analyze at TA-Burlington
- ⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

Signature: Monty Mehlhorn

RELINQUISHED BY: Monty Mehlhorn

RECEIVED BY: Fred Ex

RELINQUISHED BY:

RECEIVED BY:

Company Name/Title: GES/Geologist

Fred Ex

Date: 1-28-09

Time: 1700

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 #: 7962 9060 6552 VOC: 7962 9060 6405
SAMPLER(S) PRINTED NAME AND SIGNATURE
Date: 1-28-09

Monty Mehler
VICTORIA HANSEN

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container					EDTA	ANALYSIS REQUEST												
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	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
GNC1-JS08-0	1-28-09	1110	451																		
GNC1-JS08-10	1-28-09	1120	451																		
GNC1-BD19-0	1-28-09	1135	451																		
GNC1-BD19-10	1-28-09	1150	451																		

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: Monty Mehler
RECEIVED BY: Fed Ex
RELINQUISHED BY: Fed Ex
RECEIVED BY: Fed Ex
Signature: Monty Mehler
Print Name: Monty Mehler
Company Name/Title: GES/Geologist
Date: 1-28-09
Time: 1700

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 #: 061593210000706

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sinner

Date: 1-29-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						Asbestos Filterator Method 640	Percent Moisture										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	EDA											
GNCI - J007-A/B	1-29-09	0830	X							X										
GNCI - B000-A/B	1-29-09	0835	X							X										
GNCI - J010-A/B	1-29-09	0840	X							X										
GNCI - J009-A/B	1-29-09	0845	X							X										
GNCI - J008-A/B	1-29-09	0847	X							X										
GNCI - BE20-A/B	1-29-09	0851	X							X										
GNCI - BE21-A/B	1-29-09	0854	X							X										
GNCI - BE22-A/B	1-29-09	0858	X							X										
GNCI - BE24-A/B	1-29-09	0905	X							X										
GNCI - J013-A/B	1-29-09	0908	X							X										

Comments/Instructions:

* J008 - A/B was collected at 0847.

RELINQUISHED BY:	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY:	<i>Mandy Sinner</i>	<i>Mandy Sinner</i>	<i>Ces Geiliger</i>	1-29-09	1700
RELINQUISHED BY:			<i>Fed Ex</i>	1-29-09	1700
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 #: 061593210000706

SAMPLER(S) PRINTED NAME AND SIGNATURE

Nandy Sumner

Date: 1-29-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container					
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc
GNC1-JB13-A/B-FD	1-29-09	0908	X					
GNC1-BE23-A/B	1-29-09	0916	X					
GNC1-BF22-A/B	1-29-09	0924	X					
GNC1-BF23-A/B	1-29-09	0940	X					
GNC1-BF24-A/B	1-29-09	0942	X					
GNC1-BG24-A/B	1-29-09	0945	X					
GNC1-BG23-A/B	1-29-09	0952	X					
GNC1-BG22-A/B	1-29-09	0957	X					
GNC1-BF21-A/B	1-29-09	0959	X					
GNC1-BG21-A/B	1-29-09	1003	X					

Asbestos Elutriator

Method 540

Percent Moisture

Comments/Instructions:

RELINQUISHED BY: *[Signature]* Signature:

RECEIVED BY: *FedEx*

Print Name:

Nandy Sumner

Company Name/Title:

Ces Codeloget

Date:

1-29-09

Time:

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

FED EX #: 061593210000 706

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 1-29-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						Asbestos Elutriator Method 540	Percent Moisture																
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH	EDA																
GNCI-B620-A/B	1-29-09	1005	X								X															
GNCI-B620-A/B-FD	1-29-09	1005	X								X															
GNCI-B619-A/B	1-29-09	1013	X								X															
GNCI-BF19-A/B	1-29-09	1017	X								X															
GNCI-JD11-A/B	1-29-09	1021	X								X															
GNCI-B620-A/B	1-29-09	1023	X								X															
GNCI-BE19-A/B	1-29-09	1026	X								X															
GNCI-JD10-A/B	1-29-09	1038	X								X															
GNCI-JD09-A/B	1-29-09	1043	X								X															

Comments/Instructions:

JD09-A/B is correctly shown on the Coc as collected at 10:43

RELINQUISHED BY: Signature: Mandy Sumner

RECEIVED BY: FedEx

Print Name:

Company Name/Title: GeS Geolox

Date: 1-29-09

Time: 1700

RELINQUISHED BY:

Date: 1-29-09

Time: 1706

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 #: 7962 9451 3362 VOCs: 7962 9451 3329

SAMPLER(S) PRINTED NAME AND SIGNATURE

Marty Mehlhorn / Victoria Hansen / Victoria Hansen

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNC1-JDOS-0	1-29-09	0725	4s						
GNC1-JDOS-0-FD	1-29-09	0725	4s						
GNC1-JDOS-10	1-29-09	0745	5s						
GNC1-JDOS-20	1-29-09	0820	1s						
GNC1-BC20-0	1-29-09	0840	4s						
GNC1-BC20-10	1-29-09	0855	4s						
GNC1-BC21-0	1-29-09	0915	4s						
GNC1-BC21-10	1-29-09	0945	4s						
TR-1(1/29/09)	1-29-09	0600				X			

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

Signature:

RELINQUISHED BY: Marty Mehlhorn
RECEIVED BY: Fed Ex

Print Name:

Marty Mehlhorn

Company Name/Title:

GES/Geologist
Fed Ex

Date:

1-29-09 1700
1-29-09 1700

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

Phone: (314) 298-8566

Date: 1-29-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlahm 10 Montpelier
VICTORIA HANSEN, Spent 50¢

Monty Mehlhorn 10 Mont Street
VICTORIA HANSEN 1000 5th St

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNC1-BD23-0	1-29-09	0940	134						
GNC1-BD23-10	1-29-09	0954	134						
GNC1-JS11-0	1-29-09	1010	134						
GNC1-JS11-0-ED	1-29-09	1010	134						
GNC1-JS11-10	1-29-09	1025	134						
GNC1-BD23-0	1-29-09	1050	134						
GNC1-BD23-0-MS/MS	1-29-09	1050	134						

ANALYSIS REQUEST

[illegible]

Comments/Instructions:

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

Analyze at TA-Sacramento

Analyze at TA-Nashville

Analysis of TA Products

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

5 Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1661) is greater than 33 ppb, please analyze for aroclors by 8082

Signature:

Print Name:

RELINQUISHED BY: Nguyen Phuong Chan
RECEIVED BY: Ead E.

Marty Melhager

Company Name/Title:

Time:

RELINQUISHED BY:

Feb 27

002168-62-1

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

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: /-29-09

ANALYSIS REQUEST

Monty Menhorn / Monty Menhorn

PROJECT NAME: GALLERIA NORTH SUB AREA										
PROJECT NUMBER: 20082449V1										
SAMPLE ID	DATE	TIME	Container							
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	
GNC1-B023-12	1-29-09	1105	4/1							
GNC1-B024-0	1-29-09	1125	4/1							
GNC1-B024-11	1-29-09	1135	4/1							

Comments/Instructions:

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

Analyze at TA-Sacramento

¹ Analyze at TA-Sacramento
² Analyze at TA-Nashville
³ Analyze at TA-Sacramento
⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
⁵ Extract samples for Analysis only

² Analyze at TA-Nashville

Analyze at TA-Burlington

Signature:

Print Name: _____

PHILIP
Meaty. Mehlhorn

Company Name/Title:

3. மேலும்

1-29-89	1700
---------	------

1-27-07	1700
1-29-09	1700

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) 558-8171

FED EX #: 7972 9109 2860

SAMPLER(S) PRINTED NAME AND SIGNATURE

Marty Mehlhorn / *Marty Mehlhorn*
VICTORIA HANSEN / *Victoria Hansen*

Date: 1-29-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	RADIONUCLIDES*	SVOCs* by 8270	PAHs* by 8270S/M	PERCENT MOISTURE										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH															
GNC1-IDOS-0	1-29-09	0725	2s																				
GNC1-IDOS-0-FN	1-29-09	0725	2s																				
GNC1-IDOS-10	1-29-09	0745	2s																				
GNC1-BC20-0	1-29-09	0840	2s																				
GNC1-BC20-10	1-29-09	0855	2s																				
GNC1-BC21-0	1-29-09	0915	2s																				
GNC1-BC21-10	1-29-09	0925	2s																				
GNC1-BD22-0	1-29-09	0940	2s																				
GNC1-BD22-10	1-29-09	0954	2s																				
GNC1-JS11-0	1-29-09	1010	2s																				

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *Marty Mehlhorn* Signature:

RECEIVED BY: *Fed Ex* Print Name: *Marty Mehlhorn*

Date: 1-29-09

Time: 1700

Company Name/Title: *GEL Laboratories*

RECEIVED BY: *Fed Ex*

Date: 1-29-09

Time: 1700

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 #: 7962 9451 3432, 7962 9493 8850 mm

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehltorn / Property Mollom
VICTORIA HANSEN / Victoria Aff

Date: /-29-09

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

PROJECT NUMBER: 20082449V1	SAMPLE ID	DATE	TIME	Container						
				Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
	Rinsate - 3	1-27-09	1330	X	X	X	X	X	X	X

1B-2(1/29/99)

Comments/Instructions:

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

Analyze at TA-Sacramento

Analyze at TA-Nashville

Analyze at TA-Burlington

Analyze at TA-Burlington

Signature:

Print Name:

Print Name Mandy McElbourn

Company Name/Title:

Date: _____ Time: _____

1-29-09 1700

10-29-09

007/60-67-1

For Lab Use Only: Sample Condition Upon Receipt

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 #: 7962 9466 7078

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlerhorn
VICTORIA HANSEN

Date: 1-29-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID
Rinsate - 1

DATE
1-29-09

TIME
1330

Unpres
H2SO4
HNO3
HCl
NaOH
ZnAcNaOH
EDA

RADIONUCLIDES
PERCHLORATE* by EPA 314.0
SVOCs* by 8270
PAHs* by 8270SIM
PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

RELINQUISHED BY: *Monty Mehlerhorn*

Print Name:

Monty Mehlerhorn

RECEIVED BY: *Fed Ex*

Company Name/Title:

GES Geologist

Date:

1-29-09 1700

RELINQUISHED BY:

Fed Ex

Date:

1-29-09 1700

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: Advanced Terra Testing, Inc.
Contact Person: Kerry Repola
Address: 833 Parfet St.
Lakewood, CO 80215
Phone: (303) 232-8308

FED EX #: (9612019) 0615932 10000713

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 1-29-09

Monty Mehlgorn / Monty Medlar
VICTORIA-TANSSEN / Viet-Ho

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

[illegible]

ANALYSIS REQUEST

Comments/Instructions:

Please report results in dry weight.

Signature:

Print Name: _____

Signature:		Print Name:	Company Name/Title:	Date:	Time:
RELINQUISHED BY:	<i>Mindy Mehlhorn</i>	<i>Mindy Mehlhorn</i>	<i>GES/Geologist</i>	<i>1-27-09</i>	<i>1700</i>
RECEIVED BY:	<i>Fed Ex of counsel</i>		<i>Fed Ex</i>	<i>1-27-09</i>	<i>1700</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: TestAmerica-St. Louis
Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #: 777291665061 VOC'S 796295238857

Date: 1-30-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty McElhorm/Mary McElhorm

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNCI - JS02-0	1-30-09	0725	45						
GNCI - JS02-10	1-30-09	0740	45						
GNCI - BCK-10	1-30-09	0805	45	1/5					
GNCI - JD07-0	1-30-09	0825	45						
GNCI - JD07-10	1-30-09	0835	45						
GNCI - JS09-0	1-30-09	0855	45						
GNCI - JS09-0-FD	1-30-09	0855	45						
TB-1(1-30-09)	1-30-09	0600				X			

ANALYSIS REQUEST									
IONS ¹ by EPA 300.0	X								
Dioxins/Furans ² by EPA 8290	X								
Gen. Chem ³ (please see methods)	X								
pH by EPA 9045C/9040B	X								
METALS ⁴ by EPA Methods	X								
6010B/6020/7471A/7470A	X								
Hex chromium by EPA 7196A	X								
OC Pesticides ⁵ by EPA 8081A	X								
Aroclors ⁶ by EPA 8082	X								
Congeners ⁷ by EPA 1668	X								
Aldehydes ⁸ by EPA 8315	X								
VOCs ⁹ by EPA 8260B	X								
Physical Parameters ³	X								
Percent Moisture	X								

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
¹ Analyze at TA-Sacramento
² Analyze at TA-Nashville
³ Analyze at TA-Burlington
⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
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
 * GNCI - BC17-10 only test SPLP. please. Thank you

Signature:

Print Name:

Mandy Sumner

Company Name/Title:

Ces. Geologist

Date:

1-30-09

Time:

1700

RELINQUISHED BY:

Fed Ex

RECEIVED BY:

Fed Ex

RECEIVED 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 #: 796295238938 (VOC's 796295238938)
Date: 1-30-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Simon
Monty Melhorn / Mandy Melhorn

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container					EDTA	ZnAc/NaOH	NaOH	HCl	HNO3	H2SO4	Unpres	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 7199A	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
GNCI - JS09-10	1-30-09	0905													X	X	X	X	X	X	X	X	X	X	X	X	X
GNCI - BD20-0	1-30-09	0920													X	X	X	X	X	X	X	X	X	X	X	X	X
GNCI - BD20-10	1-30-09	0930													X	X	X	X	X	X	X	X	X	X	X	X	X
GNCI - JS10-0	1-30-09	0950													X	X	X	X	X	X	X	X	X	X	X	X	X
GNCI - JS10-10	1-30-09	1000													X	X	X	X	X	X	X	X	X	X	X	X	X
GNCI - BD21-0	1-30-09	1020													X	X	X	X	X	X	X	X	X	X	X	X	X
GNCI - BD21-10	1-30-09	1030													X	X	X	X	X	X	X	X	X	X	X	X	X

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling; emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

Signature:

RELINQUISHED BY: Fed Ex
RECEIVED BY: Mandy Simon
RELINQUISHED BY: Fed Ex
RECEIVED BY: Mandy Simon

Print Name: Mandy Simon

Company Name/Title: Ges Geologist

Date: 1-30-09

Time: 1700

RELINQUISHED BY: Fed Ex
RECEIVED BY: Mandy Simon

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 #: 7972 9166 5109

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Mandy Mehlhorn

Date: 1-30-09

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

Unpres
H2SO4
HNO3
HCl
NaOH
ZnAc/NaOH
EDA

SAMPLE ID

DATE

TIME

IONS* by EPA 300.0

Dioxins/Furans* by EPA 8290

Gen. Chem* (please see methods)

pH by EPA 9045C/9040B

METALS* by EPA Methods

BO10B/6020/7471A/7470A

Hex chromium by EPA 7198A

OC Pesticides* by EPA 8081A

Aroclors* by EPA 8082

Congeners* by EPA 1668

Aldehydes* by EPA 8315

VOCs* by EPA 8260B

Physical Parameters*

Percent Moisture

MS

Comments/Instructions:

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

1 Analyze at TA-Sacramento

2 Analyze at TA-Nashville

3 Analyze at TA-Burlington

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

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

* GNC1-JD08-10, no tests on Aroclors & Congeners

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

Signature:

Mandy Sumner

Print Name:

Company Name/Title:

Ges Geolopt

Fed Ex

Date:

1-30-09

Time:

1700

Date:

1-30-09

Time:

1700

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 #: 7972 9165 8380

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Mandy Mehlhorn
Mandy Mehlhorn

ANALYSIS REQUEST

Date: 1-30-09

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNCI - JS02-0	1-30-09	0725	25						
GNCI - JS02-10	1-30-09	0740	25						
GNCI - BC17-10	1-30-09	0805	25						
GNCI - JD07-0	1-30-09	0825	25						
GNCI - JD07-10	1-30-09	0835	25						
GNCI - JS09-0	1-30-09	0855	25						
GNCI - JS09-0-10	1-30-09	0855	25						
GNCI - JS09-10	1-30-09	0905	25						
GNCI - BD20-0	1-30-09	0920	25						
GNCI - BD20-10	1-30-09	0930	25						

RADIONUCLIDES
PERCHLORATE by EPA 314.0
SVOCs by B270
PAHs by B270SIM
PERCENT MOISTURE

SPLP

Alb

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

* GNCI-BC17-10 only test SPLP, thank you

RELINQUISHED BY: Signature: Mandy Sumner

Print Name: Mandy Sumner

Company Name/Title: GEL Geology

Date: 1-30-09

Time: 1700

RECEIVED BY: INDEX

Company Name/Title: FedEx

Date: 1-30-09

Time: 1700

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 #: 7772 9168 8357

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Mehler

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	RADIONUCLIDES*	SVOCs* by 8270	PAHs* by 8270SIM	PERCENT MOISTURE										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA														
GNC1-JS10-0	1-30-09	0950	251																				
GNC1-JS10-10	1-30-09	1000	251																				
GNC1-BD21-0	1-30-09	1020	251																				
GNC1-BD21-10	1-30-09	1030	251																				
GNC1-JD08-0	1-30-09	1045	251																				
GNC1-JD08-10	1-30-09	1105	251																				
GNC1-JD09-0	1-30-09	1120	251																				
GNC1-JD09-0-FD	1-30-09	1120	251																				
GNC1-JD09-10	1-30-09	1140	251																				

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *[Signature]* Signature: *Mandy Sumner* Print Name:

RECEIVED BY: *Fed Ex* Company Name/Title: *GES Geol* Date: *1-30-09* Time: *1700*

RELINQUISHED BY: *Fed Ex* Company Name/Title: *Fed Ex* Date: *1-30-09* Time: *1700*

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

ERIM CONTACT PERSON

Address: 2525 Natomas Park Drive, Suite 350

Phone #: (916) 924-9378

Phone: (314) 298-8566

Date: 2-2-09

Manly Sumr
Monty Melhorn / Monty Melhorn

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNCI - BE25-0	2-2-09	0735	15h						
GNCI - BE25-0-145/MSD	2-2-09	0735	15h						
GNCI - BE25-12	2-2-09	0755	15h						
GNCI - BD25-0	2-2-09	0812	15h						
GNCI - BD25-3	2-2-09	0820	15h						
GNCI - BD25-13	2-2-09	0845	15h						
GNCI - JS14-0	2-2-09	0906	15h						
TB-1 (2-2-09)	2-2-09	0100							

ANALYSIS REQUEST

[illegible]

Comments/Instructions:

- Please refer to Table 5 (Southern Ribs Sampling, emailed on October 17, 2008).
 Analyze at TA-Sacramento
 Analyze at TA-Nashville
 Analyze at TA-Burlington

lowest samples for Aroclors by 6082 only. If sum of the congeners result (method 1668) is greater than 33 with place-

Signature:

100

RELINQUISHED BY:		Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY: <i>[Signature]</i>		<i>Mandy Sams</i>	<i>Gen Sec/Lept</i>	<i>2-2-09</i>	<i>1700</i>
RELINQUISHED BY:			<i>Fed Ex</i>	<i>2-2-09</i>	<i>1700</i>
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

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Simer
Mandy Mehorn, Mandy Meddow

PROJECT NUMBER: 20082449V11

[illegible][illegible]

Analyze at TA-Burlington

2021 30-2-2

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

ERM CHAIN OF CUSTODY RECORD

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

FED EX #: 7962 9883 4570

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 2-2-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

PROJECT NUMBER: 20082449V1																						
SAMPLE ID	DATE	TIME	Container						Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	RADIONUCLIDES	PERCHLORATE*1	SVOCs* by B270	PAHs* by B270S1M	PERCENT MOISTURE		
GNC1-BE2S-0	2-2-09	0735	251																			
GNC1-BE2S-0-MS/MSD	2-2-09	0735	251																			
GNC1-BE2S-12	2-2-09	0755	251																			
GNC1-BD2S-0	2-2-09	0812	251																			
GNC1-BD2S-3	2-2-09	0820	251																			
GNC1-BD2S-13	2-2-09	0845	251																			
GNC1-JS14-0	2-2-09	0900	251																			
GNC1-JS14-3	2-2-09	0910	251																			
GNC1-JS14-13	2-2-09	0925	251																			
GNC1-BD26-0	2-2-09	0940	251																			
Comments/Instructions:																						

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *FedEx* Signature: *Mandy Sumner* Print Name: Mandy Sumner

RECEIVED BY: *FedEx* Company Name/Title: *GES Sedgwick* Date: 2-2-09 Time: 1700

RELINQUISHED BY: *FedEx* Date: 2-2-09 Time: 1700

RECEIVED BY: *FedEx*

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 #: 7972 950 62398

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-2-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	RADIONUCLIDES	SVOCs* by 8270	PAHs* by 8270SIM	PERCENT MOISTURE	
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH						EDA
GNCI-BDA6-0-FD	2-2-09	0940	25											
GNCI-BDA6-6	2-2-09	0955	25											
GNCI-BDA6-16	2-2-09	1010	25											
GNCI-JB09-0	2-2-09	1030	25											
GNCI-JB09-9	2-2-09	1042	25											
GNCI-JB09-19	2-2-09	1100	25											
GNCI-JS16-0	2-2-09	1125	25											
GNCI-JS16-10	2-2-09	1140	25											
GNCI-	2-2-09		25											

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
 Please report results in dry weight.

RELINQUISHED BY: *Mandy Moore* Signature: *Mandy Moore* Print Name: *Mandy Moore*

RECEIVED BY: *Fed Ex* Company Name/Title: *Ges Greelap* Date: *2-2-09* Time: *1700*

RELINQUISHED BY: *Fed Ex* Company Name/Title: *Fed Ex* Date: *2-2-09* Time: *1700*

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 #: 7962 9886 3350 (Fed Ex 7972 9529 1199)
Date: 2-2-09

SAMPLER(S) PRINTED NAME AND SIGNATURE
Mandy Sumner

SAMPLE ID	DATE	TIME	Container						ANALYSIS REQUEST																
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDTA	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 7198A	OC Pesticides* by EPA 8081A	Aroclors* by EPA 8082	Congeners* by EPA 1668	Aldehydes* by EPA 8315	VOCE* by EPA 8260B	Physical Parameters 3*	Percent Moisture			
Rinsate 3	2-2-09	1300																							
TB-2 (2-2-09)	2-2-09	1300																							

Comments/Instructions:

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

1 Analyze at TA-Sacramento

2 Analyze at TA-Nashville

3 Analyze at TA-Burlington

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

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

RELINQUISHED BY: Fed Ex

RECEIVED BY: Mandy Sumner

Signature: Mandy Sumner

Print Name: Mandy Sumner

Company Name/Title: Fed Ex

Date: 2-2-09

Time: 1700

RELINQUISHED BY: Fed Ex

RECEIVED BY: Mandy Sumner

Signature: Mandy Sumner

Print Name: Mandy Sumner

Company Name/Title: Fed Ex

Date: 2-2-09

Time: 1700

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

ERM CHAIN OF CUSTODY RECORD

LABORATORY: GEL Laboratories, LLC
Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 558-8171

FED EX #: 7972 9526 2321

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner *[Signature]*

Date: 2-2-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

Unpres H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

SAMPLE ID

Rinsate -3

DATE

2-2-09

TIME

1300

RADIONUCLIDES
PERCHLORATE* by EPA 314.0
SVOCs* by 8270
PAHs* by 8270SIM
PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *[Signature]*

RECEIVED BY: Fed Ex

Print Name:

Mandy Sumner

Company Name/Title:

Gel Laboratories
Fed Ex

Date:

2-2-09 1700
2-2-09 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: 13716 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

11 10
SAMPLER(S) PRINTED NAME AND SIGNATURE
Date: 2-3-09
Phone: 617/290-8300

Mandy
Sime
-
(S)
IS
ANALYSIS REQUEST

Kent, Nehorn, Monte, Mellan

PROJECT NUMBER: 20082449V1	Contract
PROJECT NAME: WALLEENIA WOKIM SUB AREA	

[illegible]

* Please refer to Table 5 (Southern Ribs Sampling; emailed on October 17, 2008)
: Analyze at TA-Sacramento 4 m.

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

5 Extract samples for Atrocids by 8082 only. If sum of the congeners result method agree:

Signature: _____

RECEIVED BY:	Print Name:	Company Name/Title:
RECEIVED BY:	Print Name:	Company Name/Title:

RELINQUISHED BY: John L. [Signature]

RECEIVED BY: _____

ORIGINAL: Send with sample (siam only to Bldg. 100)

Pre (sign only in blue or black ink)

not controlled by sample

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 Ridler Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #: 79630696 3744

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Melhorn
PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Date: 2-3-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container					Gen. Chem* (please see methods)	pH by EPA 9045C/9040B	METALS* by EPA Methods 6010B/6020/7471A/7470A	OC Pesticides* by EPA 8081A	Aroclors* ⁵ by EPA 8082	Congeners* ¹ by EPA 1668	Aldehydes* ² by EPA 8315	VOCs* by EPA 8260B	Physical Parameters ³	Percent Moisture
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH										
GNC1 - JS07-0	2-3-09	1035	431														
GNC1 - JS07-0FD	2-3-09	1035	431														
GNC1 - JS07-10	2-3-09	1055	431														
GNC1 - BE28-0	2-3-09	1115	431														
GNC1 - BE28-10	2-3-09	1125	431														
GNC1 - JS18-0	2-3-09	1145	431														
GNC1 - JS18-10	2-3-09	1200	431														

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
1 Analyze at TA-Sacramento

2 Analyze at TA-Nashville

3 Analyze at TA-Burlington

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

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

Signature:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

Print Name:

Mandy Sumner

Company Name/Title:

TestAmerica

Date:

2-3-09

Time:

1700

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 #: 7973 0338 4342

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Mehler/Monty-Mehler

Date: 2-3-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						RADIONUCLIDES	PERCHLORATE* by EPA 314.0	SVOCs* by 8270	PAHs* by 8270SIM	PERCENT MOISTURE	
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH						EDA
GNCI - BE26-0	2-3-09	0800	25											
GNCI - BE26-0-4S/MSD	2-3-09	0800	25											
GNCI - BE26-4	2-3-09	0812	25											
GNCI - BE26-14	2-3-09	0915	25											
GNCI - BE27-0	2-3-09	0945	25											
GNCI - BE27-12	2-3-09	1000	25											
GNCI - JS07-0	2-3-09	1035	25											
GNCI - JS07-0-FD	2-3-09	1035	25											
GNCI - JS07-10	2-3-09	1055	25											
GNCI - BE28-0	2-3-09	1115	25											

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: Signature: Mandy Sumner

RECEIVED BY: FedEx

Company Name/Title: Ges Gelogist

Date: 2-3-09

Time: 1700

RELINQUISHED BY: FedEx

Date: 2-3-09

Time: 1700

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

ERM CHAIN OF CUSTODY RECORD

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

FED EX #: 79730338 4239

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Mandy Mehlhorn / Mandy Mehlhorn

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

ANALYSIS REQUEST

Date: 2-3-09

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNCI - BE28-10	2-3-09	1125	251						
GNCI - JS18-0	2-3-09	1145	261						
GNCI - JS18-10	2-3-09	1200	251						
GNCI - BD28-0	2-3-09	1235	261						
GNCI - BD28-10	2-3-09	1300	251						

RADIONUCLIDES
PERCHLORATE by EPA 314.0
SVOCs by 8270
PAHs by 8270SM
PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: Signature: Fed Ex

RECEIVED BY: Fed Ex

Print Name: Mandy Sumner

Company Name/Title: GEL Geologist

Date: 2-3-09

Time: 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 #: 7973 0339 4917 (Fed Ex 7973 0339 4983)

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 2-3-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID: Rinse 4
DATE: 2-3-09
TIME: 1400

EDTA
ZnAc/NaOH
NaOH
HCl
HNO3
H2SO4
Unpres

ICONS* by EPA 300.0
Dioxins/Furans* by EPA 8280
Gen. Chem* (please see methods)
pH by EPA 9045C/8040B
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

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: Fed Ex

RECEIVED BY: Mandy Sumner

RELINQUISHED BY: Fed Ex

RECEIVED BY: Mandy Sumner

Print Name:

Mandy Sumner

Company Name/Title:

GeS Geoloyt

Date:

2-3-09

Time:

1700

2-3-09

1700

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 #: 79630695 3011

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 2-3-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

Unpres H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

SAMPLE ID

DATE

TIME

PERCHLORATE* by EPA 314.0

SVOCs* by 8270

PAHs* by 8270BIM

PERCENT MOISTURE

RADIONUCLIDES

PERCHLORATE* by EPA 314.0

SVOCs* by 8270

PAHs* by 8270BIM

PERCENT MOISTURE

RADIONUCLIDES

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *Fed Ex* Signature: *Mandy Sumner* Print Name: *Mandy Sumner*

RECEIVED BY: *Fed Ex* Date: 2-3-09 Time: 1700

RELINQUISHED BY: *Fed Ex* Date: 2-3-09 Time: 1700

RECEIVED BY: *Fed Ex* Date: 2-3-09 Time: 1700

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

DATE: 2-4-09

DATE: 2-4-09

Mandy Sumner

Mentz, Melhorn, Gordon & McDowell

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container					Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
3NC1 - BE29-0	2-4-09	0765												
3NC1 - BE29-0-FD	2-4-09	0705												
3NC1 - BE29-10	2-4-09	0720												
3NC1 - BD29-0	2-4-09	0740												
3NC1 - BD29-10	2-4-09	0755												
3NC1 - BC29-0	2-4-09	0825												
3NC1 - BC29-10	2-4-09	0845												
TB-1 (2-4-09)	2-4-09	0600												

Comments/Instructions:

Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
Analyze at TA-Sacramento

4 Please report results in dry weight, therefore all soil will require % moisture testing.
5 Extract samples for Amelors by one of the following methods:
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Analyze at TA-Burlington

Signature: _____

RECEIVED BY: [Signature] PRINT NAME: Wynn, W

	ELINQUISHED BY:
Red (X)	Handy sum

RECEIVED BY:

For Lab Use Only: Sample Condition | Non Recycled

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

ALL VICTIMS

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 #: 7973 0364 3443 VOCs: 7963 0721 2410
SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Samer
Monty Mehlhorn

ANALYSIS REQUEST

Date: 2-4-09

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						Gen. Chem* (please see methods)	pH by EPA 8046C/8040B	METALS* by EPA Methods 6010B/8020/7471A/7470A	Hex chromium by EPA 7188A	OC Pesticides* by EPA 8081A	Aroclors* by EPA 8082	Congeners* by EPA 1688	Aldehydes* by EPA 8315	VOCs* by EPA 8260B	Physical Parameters 3*	Percent Moisture
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA											
GMU - JS17-0	2-4-09	0955	451																
GMU - JS17-10	2-4-09	1010	451																
GMU - BC28-0	2-4-09	1050	451																
GMU - BC28-0-N5/100	2-4-09	1050	451																
GMU - BC28-11	2-4-09	1100	451																
GMU - BC27-0	2-4-09	1130	451																
GMU - BC27-0-FD	2-4-09	1130	451																
GMU -	2-4-09																		
GMU -	2-4-09																		
GMU -	2-4-09																		

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 5 Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1688) is greater than 33 ppb, please analyze for aroclors by 8082

Signature: *Mandy Samer*

Print Name: Mandy Samer

Company Name/Title: *TestAmerica*

Date: 2-4-09

Time: 1706

RELINQUISHED BY: *Feder*

RECEIVED BY: *TestAmerica*

RELINQUISHED BY: *TestAmerica*

RECEIVED BY: *TestAmerica*

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 #: 7963 0721 2512

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
 Monty Mehkhorn

Date: 2-4-09

PROJECT NAME: GALLERIA NORTH 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 8045C/8040B	METALS* by EPA Methods 8010B/6020/7471A/7470A	Hex chromium by EPA 7190A	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																						
GNC1-BC27-10	2-4-09	1145	451																												
GNC1-JP05-0	2-4-09	1220	451																												
GNC1-JP05-10	2-4-09	1240	451																												
GNC1	2-4-09		451																												

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- ¹ Analyze at TA-Sacramento
- ² Analyze at TA-Nashville
- ³ Analyze at TA-Burlington
- ⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

Signature:

Print Name:

Mandy Sumner

RELINQUISHED BY: [Signature] RECEIVED BY: [Signature] Company Name/Title: TestAmerica Date: 2-4-09 Time: 1700

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 #: 7773 0303 5905

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Mandy Mehlsom

Date: 2-4-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

Unpres
H2SO4
HNO3
HCl
NaOH
ZnAcNaOH
EDA

SAMPLE ID

TIME

DATE

0705

2-4-09

GNCI- BE29-0

0705

2-4-09

GNCI- BE29-0-FD

0720

2-4-09

GNCI- BE29-10

0740

2-4-09

GNCI- BD29-0

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2-4-09

GNCI- BC29-0

0825

2-4-09

GNCI- BC29-10

0845

2-4-09

GNCI- JS17-0

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2-4-09

GNCI- JS17-10

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2-4-09

GNCI-

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY: Fed Ex

RECEIVED BY: Fed Ex

2-4-09 1700

2-4-09 1700

RELINQUISHED BY: Fed Ex

RECEIVED BY: Fed Ex

2-4-09 1700

2-4-09 1700

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 #: 796307205110 Date: 2-4-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Mandy Melhorn/Mandy Mella

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	SVOCs* by 8270	PAHs* by 8270S/M	PERCENT MOISTURE	ANALYSIS REQUEST											
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																
GNC1-BC28-0	2-4-09	1050	2h																					
GNC1-BC28-0-WS/MSD	2-4-09	1050	2h																					
GNC1-BC28-11	2-4-09	1100	2h																					
GNC1-BC27-0	2-4-09	1130	2h																					
GNC1-BC27-0-FD	2-4-09	1130	2h																					
GNC1-BC27-10	2-4-09	1145	2h																					
GNC1-JP05-0	2-4-09	1220	2h																					
GNC1-JP05-11	2-4-09	1240	2h																					

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *[Signature]* Signature: *Mandy Sumner* Print Name: *Mandy Sumner*
RECEIVED BY: *[Signature]* Company Name/Title: *Ges Geolopz* Date: *2-4-09* Time: *1700*
RELINQUISHED BY: *[Signature]* Date: *2-4-09* Time: *1700*
RECEIVED BY: *[Signature]*

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 #: 7963 0721 2464 (Fed Ex # 7963 0721 2410)

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner af

Date: 2-4-09

PROJECT NAME: GALLERIA NORTH SUB AREA		Container						ANALYSIS REQUEST														
SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	IONS* by EPA 300.0	Dioxins/Furans* by EPA B290	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 8081A	Aroclors* by EPA 8082	Congeners* by EPA 1688	Aldehydes* by EPA 8315	VOCs* by EPA 8260B	Physical Parameters 3*	Percent Moisture
Rinsate -5	2-4-09	1400	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
TB-2(2-4-09)	2-4-09	1400																				

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Samplings: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 5 Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1688) is greater than 33 ppb, please analyze for aroclors by 8082

RELINQUISHED BY:	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY:	Fed Ex	Mandy Sumner	Geo Geologist	2-4-09	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 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 #: 7973 0363 5949

Date: 2-4-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

Unpres ☒ H2SO4 ☒ HNO3 ☒ HCl ☒ NaOH ☒ ZnAc/NaOH ☒ EDA

SAMPLE ID

DATE

TIME

1400

PERCHLORATE* by EPA 314.0

SVOCs* by 8270

PAHs* by 8270SM

PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

RELINQUISHED BY:

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

Print Name:

Mandy Sumner

Company Name/Title:

Gel Laboratories
Field Ex

Date:

2-4-09 1700

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 #: 7963 1143 7054 (7773 0786 7820)
Date: 2-5-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Mehlhorn

PROJECT NAME: GALLERIA NORTH 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 8045C/8040B	METALS* by EPA Methods 6010B/6020/7471A/7470A	Hex chromium by EPA 7196A	OC Pesticides* by EPA 8081A	Aroclors* ⁵ by EPA 8082	Congeners* ⁴ by EPA 1668	Aldehydes* ² by EPA 8315	VOCs* by EPA 8260B	Physical Parameters ³	Percent Moisture
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH													
GNC1 - BE19-0	2-5-09	0740	45l																	
GNC1 - BE19-10	2-5-09	0800	45l																	
GNC1 - BE19-0	2-5-09	0820	45l																	
GNC1 - BE19-11	2-5-09	0835	45l																	
GNC1 - BE19-0	2-5-09	0855	45l																	
GNC1 - BE19-10	2-5-09	0910	45l																	
GNC1 - BE19-0	2-5-09	0910	45l																	
TB-1 (2-5-09)	2-5-09	0600																		

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- ¹ Analyze at TA-Sacramento
- ² Analyze at TA-Nashville
- ³ Analyze at TA-Burlington
- ⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: *[Signature]* Signature:

RECEIVED BY: Fed Ex

Print Name: Mandy Sumner

Company Name/Title: Ges Geologist

Date: 2-5-09 Time: 1700

Date: 2-5-09 Time: 1700

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 #: 7973 0786 7294

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-5-89

ANALYSIS REQUEST

[illegible]

Comments/Instructions:

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

Analyze at TA-Sacramento

2. Analyze at TA-Nashville

Analyze at TA-Burlington

Signature:

RELINQUISHED BY:

RECEIVED BY:

Print Name: _____

Print Name: Maelynn Sinner

Company Name/Title:

Date: _____ Time: _____

Time:

1710

1700

0029

0021

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

FED EX #: 7963 1142 7579

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Monty Melhorn / Monty Melhorn
PROJECT NAME: GALLERIA NORTH/SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						RADIONUCLIDES	PERCHLORATE	SVOC# by B270	PAH'S by B270S1	PERCENT MOIST
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA					
			Unpres										
GNCI - BE17-0	2-5-09	0740							X	X	X	X	X
GNCI - BE19-10	2-5-09	0800							X	X	X	X	X
GNCI - BF17-0	2-5-09	0820							X	X	X	X	X
GNCI - BF19-11	2-5-09	0835							X	X	X	X	X
GNCI - BG19-0	2-5-09	0855							X	X	X	X	X
GNCI - BG19-10	2-5-09	0910							X	X	X	X	X
GNCI - BG20-0	2-5-09	0930							X	X	X	X	X
GNCI - BG20-0-FD	2-5-09	0930							X	X	X	X	X
GNCI - BG20-10	2-5-09	0950							X	X	X	X	X
GNCI - BG21-0	2-5-09	1010							X	X	X	X	X

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature: _____

RELINQUISHED BY: _____
Signature: _____
Print Name: _____

RECEIVED BY:	<i>[Signature]</i>	Company Name/Title:		Date:	Time:
RELINQUISHED BY:	<i>[Signature]</i>	Company Name/Title:		Date:	
		File # Name:			
			<i>March 21-18</i>		

[illegible]

RECEIVED BY:			
UNFORMED DT.			
FORMED DT.			
UN %			
FORM %			
704			

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: GEL Laboratories, LLC
Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8174

Date: 2-5-09

Mandy Sommer / CC

PROJECT NUMBER: 20082449V1

PROJECT NUMBER: 20082449V1										Container																
SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAcNaOH	EDA	RADIONUCLIDES	PERCHLORATE*	SVOCs* by B270	PAHs* by B270SI	PERCENT MOIST												
GNC1 - BG21-10	2-5-09	1015								X	X	X	X	X												
GNC1 - BG22-0	2-5-09	1110								X	X	X	X	X												
GNC1 - BG22-10	2-5-09	1130								X	X	X	X	X												
GNC1 - BE21-0	2-5-09	1145								X	X	X	X	X												
GNC1 - BE21-10	2-5-09	1200								X	X	X	X	X												
GNC1 - BE22-0	2-5-09	1215								X	X	X	X	X												
GNC1 - BE22-10	2-5-09	1230								X	X	X	X	X												

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

RELINQUISHED BY:

Print Name:

Date: _____ Time: _____

RECEIVED BY:

CyS Cyloga

Time: 1700

RELINQUISHED BY:

U.S. Dept of Justice
Federal

028	007-1
-----	-------

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

ERM CHAIN OF CUSTODY RECORD

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

FED EX #: 7973 0786 7728 (FedEx 7973 0786 7680)

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Jones

Date: 2-5-09

PROJECT NAME: GALLERIA NORTH SUB AREA		Container						ANALYSIS REQUEST															
SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	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 7166A	OC Pesticides* by EPA 8081A	Aroclors* ⁵ by EPA 8082	Congeners* ⁴ by EPA 1668	Aldehydes* ² by EPA 8315	VOCs* by EPA 8260B	Physical Parameters ³	Percent Moisture	
Binsati Co	2-5-09	1330	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
TB-2 (2-5-09)	2-5-09	1330																					

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
¹ Analyze at TA-Sacramento
² Analyze at TA-Nashville
³ Analyze at TA-Burlington
⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
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

RELINQUISHED BY: <i>FedEx</i>	Signature: <i>Mandy Jones</i>	Print Name: Mandy Jones	Company Name/Title: GeoS Geologist	Date: 2-5-09	Time: 1700
RECEIVED BY: <i>FedEx</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

FEDEX# 79631142 7535

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-5-09

Mandy Sauer

[illegible]

Comments/Instructions:

Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature: _____

RECEIVED BY: T. J. 6.12

Print Name: Heady Sinner

Company Name/Title:

RECEIVED BY: [Signature] Company Name/Title: Yan Li Date: 10/18/11
 RECEIVED BY: [Signature] Company Name/Title: Yan Li Date: 10/18/11
 RECEIVED BY: [Signature] Company Name/Title: Yan Li Date: 10/18/11
 RECEIVED BY: [Signature] Company Name/Title: Yan Li Date: 10/18/11

RELINQUISHED BY:

Yes	2-5-09	1700
Yes	2-5-09	1700

RELINQUISHED BY:	Reddy, C. V.	25-09	1700
RECEIVED BY:	Reddy, C. V.	25-09	1700

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

Address: 2525 Natomas Park Drive, Suite 350

Phone #: (916) 924-9378

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehorn/Monty McEllen

PROJECT NUMBER: 20082449V1

LABORATORY: TestAmerica-St. Louis
Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566
Date: 2-16-99

Date: 7-1-07

(Vocs 7973 0787 1904)

SAMPLE ID	DATE	TIME	Container						EDTA	Percent Moisture	SPLD
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH			
3NC1 - BE20-0	2-6-09	0710	461								
3NC1 - BE20-0-FD	2-6-09	0710	461								
3NC1 - BE20-0-MB	2-6-09	0710	461								
3NC1 - BE20-10	2-6-09	0800	461								
3NC1 - BE21-0	2-6-09	0815	461								
3NC1 - BE21-10	2-6-09	0830	461								
3NC1	2-6-09		461								
TB-1(2-6-09)											
2-6-09											

Comments/Instructions:

Comments/Instructions:

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

Analyze at TA-Sacramento

Analyze at TA-Nashville

Analyze at TA-Burlington

Signature: _____

Print Name: _____

Company Name/Title:

Time:

Order No.	Date.	Time.
256	2-6-09	1700

001

002

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

ERM CHAIN OF CUSTODY RECORD

LABORATORY: TestAmerica-St. Louis
Contact Person: Jerry Evers
Address: 13715 Rider Trail North
Earth City, Missouri 6304
Phone: (314) 298-856

FED EX #: 7773 0787 1878

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Somers
Mandy Somers
Monty Mehler

Date: 2-6-09

ANALYSIS REQUEST

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/6020/1471A/1470A	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
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA													
GNC1-BE20-0	2-6-09	0900	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-BF20-10	2-6-09	0910	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-BF20-20	2-6-09	0935	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-BE22-0	2-6-09	1000	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-BE22-10	2-6-09	1015	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-BE23-0	2-6-09	1030	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-BE23-10	2-6-09	1045	YSL						X	X	X	X	X	X	X	X	X	X	X	X	X

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: *Fed Ex* Signature: *Mandy Somers*

RECEIVED BY: *Fed Ex* Print Name: *Mandy Somers*

RELINQUISHED BY: *Fed Ex* Company Name/Title: *Geo S. Geologist*

RECEIVED BY: *Fed Ex* Date: *2-6-09* Time: *1700*

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-Albafawi
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 #: 7973 0787 1856

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Melharon
Monty Melharon

Date: 2-6-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						ION ⁺ 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 ² by EPA 8315	VOCs ⁺ by EPA 8260B	Physical Parameters ³	Percent Moisture
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA												
GNC1 - BF23-0	2-6-09	1105	45l							X	X	X	X	X	X	X	X	X	X	X	X
GNC1 - BF23-10	2-6-09	1115	45l							X	X	X	X	X	X	X	X	X	X	X	X
GNC1 - BG23-0	2-6-09	1150	45l							X	X	X	X	X	X	X	X	X	X	X	X
GNC1 - BG23-0-FO	2-6-09	1150	45l							X	X	X	X	X	X	X	X	X	X	X	X
GNC1 - BG23-11	2-6-09	1200	45l							X	X	X	X	X	X	X	X	X	X	X	X

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Samplings: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: *Monty Melharon* Signature: *Monty Melharon* Print Name: *Monty Melharon*

RECEIVED BY: *Dez Gealeft* Date: 2-6-09 Time: 1700

RELINQUISHED BY: *Dez Gealeft* Date: 2-6-09 Time: 1700

RECEIVED BY: *Dez Gealeft* Date: 2-6-09 Time: 1700

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 #: 7973 0786 2895

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Mandy McMillan

Date: 2-6-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container					RADIONUCLIDES	PERCHLORATE by EPA 314.0	SVOCs by B270	PAHs by B270SIM	PERCENT MOISTURE	SPLP
			Unpres	H2SO4	HNO3	HCl	NaOH						
GNC1 - BE20-0	2-6-09	0710	251										
GNC1 - BE20-0-FD	2-6-09	0710	251										
GNC1 - BE20-0-melmsia	2-6-09	0710	251										
GNC1 - BE20-0	2-6-09	0800	251										
GNC1 - BE21-0	2-6-09	0815	251										
GNC1 - BE21-10	2-6-09	0830	251										
GNC1 - BE20-0	2-6-09	0900	251										
GNC1 - BE20-10	2-6-09	0910	251										
GNC1 - BE22-0	2-6-09	1000	251										
GNC1 - BE22-10	2-6-09	1015	251										

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *Mandy Sumner*

RECEIVED BY: *Fed Ex*

Print Name: *Mandy Sumner*

Signature: *Mandy Sumner*

Company Name/Title: *GES Geolap*

Date: *2-6-09*

Time: *1700*

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

FED EX #: 7963 1143 2258

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Summer
Monty Mehrtorn

Date: 2-6-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	RADIONUCLIDES*	PERCHLORATE* by EPA 314.0	SVOCs* by B270	PAH's* by B270SIM	PERCENT MOISTURE
GNC1-BE23-6	2-6-09	1030	251							X	X	X	X	X
GNC1-BE23-10	2-6-09	1045	251							X	X	X	X	X
GNC1-BF23-0	2-6-09	1105	251							X	X	X	X	X
GNC1-BF23-10	2-6-09	1115	251							X	X	X	X	X
GNC1-BG23-0	2-6-09	1150	251							X	X	X	X	X
GNC1-BG23-0-FD	2-6-09	1150	251							X	X	X	X	X
GNC1-BG23-11	2-6-09	1200	251							X	X	X	X	X

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *LaTeX* Signature: *LaTeX*

RECEIVED BY: *LaTeX*

Print Name: *LaTeX*

Company Name/Title: *LaTeX*

Date: 2-6-09

Time: 1700

RELINQUISHED BY: *LaTeX*

RECEIVED BY: *LaTeX*

RELINQUISHED BY: *LaTeX*

RECEIVED BY: *LaTeX*

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: Advanced Terra Testing, Inc.
Contact Person: Kerry Repola
Address: 833 Parfet St.
Lakewood, CO 80215
Phone: (303) 232-8308

FED EX #: 061593210000720

Date: 2-6-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

Unpres H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

SAMPLE ID

DATE

TIME

GNC1-BF20-10

2-6-09

0910

GNC1-BF20-20

2-6-09

0935

Soil permeability/saturated hydraulic conductivity (Method ASTM D5084)

XX

Comments/Instructions:

Please report results in dry weight.

Signature:

Print Name:

Company Name/Title:

Date:

RELINQUISHED BY: Fed Ex

Mandy Sumner

Time:

2-6-09

1700

RECEIVED BY:

GES Geology

2-6-09

1700

RELINQUISHED BY:

Fed Ex

2-6-09

1700

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

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy June. D
Monty Newberry Monty Newberry

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

PROJECT NUMBER: 20082449V1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														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* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)

- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nastville
- 3 Analyze at TA-Burlington

RELINQUISHED BY: _____ Signature: _____ Print Name: _____

RECEIVED BY:	<i>[Signature]</i>	Print Name:	Mandy Jommar
RECEIVED BY:	<i>[Signature]</i>	Print Name:	Mandy Jommar
RELINQUISHED BY:	<i>[Signature]</i>	Print Name:	Mandy Jommar

RECEIVED BY: Red Up Manly dinner
REFINISHED BY:

RECEIVED BY: _____

For Lab Use Only: Sample Condition Upon Receipt: ORIGINAL

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

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 #: 7973 1950 6993

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Mehler

ANALYSIS REQUEST

Date: 2-9-09

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	SVOCs* by 8270	PAHs* by 8270SIM	PERCENT MOISTURE										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAcNaOH														
GNC1-JD10-0	2-9-09	0920	251																			
GNC1-JD10-11	2-9-09	0935	251																			
GNC1-JD10-0	2-9-09	0950	251																			
GNC1-JD11-11	2-9-09	1000	251																			
GNC1-BG24-0	2-9-09	1020	251																			
GNC1-BG24-11	2-9-09	1040	251																			
GNC1-BF24-0	2-9-09	1055	251																			
GNC1-BF24-0-FD	2-9-09	1055	251																			
GNC1-BF24-11	2-9-09	1110	251																			
GNC1-	2-9-09		251																			

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *Ted Ego*
RECEIVED BY: *Mandy Sumner*
RELINQUISHED BY: *Bob Gogget*
RECEIVED BY: *Bob Gogget*

Signature: *Ted Ego*
Print Name: *Mandy Sumner*

Company Name/Title: *Bob Gogget*
Date: 2-9-09
Time: 1700

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 #: 7973 1950 6908

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty mehlhorn
Monty mehlhorn

Date: 2-9-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Container						RADIONUCLIDES	PERCHLORATE	SVOCs* by 8270	PAHs* by 8270	PERCENT MOIS
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH					
GNC1 - BE24-0	2-9-09	1140	251										
GNC1 - BE24-0-HS/MSD	2-9-09	1140	251										
GNC1 - BE24-10	2-9-09	1158	251										
GNC1 - JS13-0	2-9-09	1210	251										
GNC1 - JS13-11	2-9-09	1220	251										

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

RELINQUISHED BY: *Fed Ex* Print Name: *Mandy Sumner* Company Name/Title: *Ops Geochem* Date: *2-9-09* Time: *1700*
RECEIVED BY: *Fed Ex*
RELINQUISHED BY: *Fed Ex* Date: *2-9-09* Time: *1700*
RECEIVED BY: *Fed Ex*

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: GEL Laboratories, LLC
Contact Person: Amanda Resco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

Date: 2-9-09

Mandy Sumner

ANALYSIS REQUEST

PROJECT NUMBER: 20082449V1

	RADIONUCLIDES	X
	PERCHLORATE by EPA 314.0	X
	SVOCs by 8270	X
	PAHS by 8270SIM	X
	PERCENT MOISTURE	

Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Company Name/Title:

Date: _____ Time: _____

1700	2-8-2	Feb 3
0021	6-8-2	Feb 3

0021	62-6-20
------	---------

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

Introduction

Date: 2-10-09

PROJECT NUMBER: 20082449V1

ANALYSIS REQUEST

Comments/Instructions:

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

Print Name:

Company Name/Title:

Date: _____ Time: _____

Car. Expend

6a-01-10-09	1700
6a-01-10-09	1700

Feb 20

For Lab Use Only: Sample Condition Upon Receipt:

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 #: 7963 2311 3442

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mindy Suh
Mindy Melhorn
PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Date: 2-10-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container					IONS* by EPA 300.0	Dioxins/Furans* by EPA 8290	Gen. Chem* (please see methods)	pH by EPA 8045C/8040B	METALS* by EPA Methods 6010B/6020/7471A/7470A	Hex chromium by EPA 7198A	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										
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																							
GNC1 - JPO4-10	2-10-09	0840	Unpres					451																						
GNC1 - JB08-0	2-10-09	0900	451					451																						
GNC1 - JB08-7	2-10-09	0920	451					451																						
GNC1 - JB08-17	2-10-09	0930	451					451																						
GNC1 - BC23-0	2-10-09	1020	451					451																						
GNC1 - BC23-10	2-10-09	1035	451					451																						
GNC1 - JPO8-0	2-10-09	1050	451					451																						

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
1 Analyze at TA-Sacramento
2 Analyze at TA-Nashville
3 Analyze at TA-Burlington

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

Signature:

[Signature]

RELINQUISHED BY:

RECEIVED BY:

Fed Ex

Print Name:

Mindy Melhorn

Company Name/Title:

GoS Geolant Fed Ex

Date:

2-10-09

RELINQUISHED BY:

RECEIVED BY:

Time:

1700

1700

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 #: 7973 1253 1115

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Melton

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Date: 2-10-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container					ION ⁺ by EPA 300.0	Dioxins/Furans ⁺ by EPA 8290	Gen. Chem ⁺ (please see methods)	PH by EPA 8045C/9040B	METALS ⁺ by EPA Methods 8010B/6020/7471A/7470A	Hex chromium by EPA 7196A	OC Pesticides ⁺ by EPA 8081A	Aroclors ⁺ by EPA 8082	Congeners ⁺ by EPA 1688	Aldehydes ² by EPA 8315	VOCs ⁺ by EPA 8260B	Physical Parameters ³	Percent Moisture										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA																					
GNC1-3P08-0-PD	2-10-09	1050	45																											
GNC1-3P08-0-NS/MSD	2-10-09	1050	45																											
GNC1-3P08-12	2-10-09	1100	45																											
GNC1-3P08-12-0	2-10-09	1120	45																											
GNC1-3P08-12-11	2-10-09	1130	45																											
GNC1-3P08-12-0	2-10-09	1230	45																											
GNC1-3P08-11	2-10-09	1240	45																											

Comments/Instructions:

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

¹ Analyze at TA-Sacramento

² Analyze at TA-Nashville

³ Analyze at TA-Burlington

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1688) is greater than 33 ppb, please analyze for aroclors by 8082

RELINQUISHED BY: *Fed Ex*

RECEIVED BY: *Mandy Sumner*

RELINQUISHED BY: *Fed Ex*

RECEIVED BY: *Mandy Sumner*

Print Name: *Mandy Sumner*

Company Name/Title: *Geo & Geo*

Date: *2-10-09*

Time: *1700*

Date: *2-10-09*

Time: *1700*

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

0168-7157

FED EX #: 7963 2309 4638

SAMPLER(S) PRINTED NAME AND SIGNATURE

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: July 1979

Madelynn Smith

Monty-Mekhorn / Mont-Medden

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

SAMPLE ID	DATE	TIME	Container						RADIONUCLIDES	PERCHLORATE*	SVOCs* by B270	PAHs* by B270SIS	PERCENT MOIST	
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH						EDA
GNCL - JP01-0	2-10-09	0715	251											
GNCL - JP01-10	2-10-09	0730	251											
GNCL - JB01-0	2-10-09	0745	251											
GNCL - JB01-3	2-10-09	0755	251											
GNCL - JB01-13	2-10-09	0805	251											
GNCL - JP04-0	2-10-09	0830	251											
GNCL - JP04-0-FD	2-10-09	0840	251	0830										
GNCL - JB08-0	2-10-09	0900	251											
GNCL - JB08-7	2-10-09	0920	251											
GNCL - JB08-17	2-10-09	0930	251											
Comments/Instructions:														

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: _____
RECEIVED BY: _____
Signature: _____

Print Name: Ilana Simon

Company Name/Title: _____ Date: _____ Time: _____

RELINQUISHED BY:
RECEIVED BY:

Wes Gedicht	2/10/09	1700
Wed. Ex	2/10/09	1700

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

[illegible]

Charleston, SC 29407
Phone: (843) 556-8171

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-10-29

Wendy Sumner

mentz mehlhorn / mentz mehlhorn

PROJECT NAME: GALERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

[illegible]

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008). Please report results in dry weight.

RELINQUISHED BY: _____ Signature: _____

Print Name: _____

Full Name: Mandy Sauer

Company Name/Title:

Date: _____ Time: _____

RE INQUIRY

Ges. Geol. d. T.

3-11-19	1700
---------	------

RECEIVED BY:

Feb 24

2-10-21	120
2-10-29	170

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

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

FED EX #: 7963 2311 3512
SAMPLE LOCATION: 7973 1953 1159

Mandy Somers

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

[illegible]

Comments/Instructions:

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

Analyze at TA-Sacramento

Analyze at TA-Nashville

Analyze at TA-Burlington

Signature: _____

RELINQUISHED BY: [Signature] Signature: _____ Print Name: _____

RECEIVED BY.

RECEIVED BY:

RELINQUISHED BY:

RECEIVED BY:

RECEIVED BY:

or Lab Use Only: S...

For Lab Use Only: Sample Condition 1

ORIGINAL - Send with Receipt:

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

COPIES: Retained by Sampler. Sent to Office.

ERM CONTACT PERSON

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

FED EX #: 7963 2309 4720

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-10-09

Wandy Sumner

ANALYSIS REQUEST

[illegible]

Comments/Instructions:

Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

Print Name: _____

Company Name/Title:

RECEIVED BY: [Signature] Print Name: Monica J. [Signature] Company Name/Title: _____ Date: _____
 RECEIVED BY: [Signature] Print Name: _____ Company Name/Title: _____ Date: _____
 RECEIVED BY: _____ Print Name: _____ Company Name/Title: _____ Date: _____

RELINQUISHED BY:	<u>Lee Gye</u>	<u>0</u>	<u>Wes Georcyd</u>	<u>2-10-09</u>	<u>1700</u>
------------------	----------------	----------	--------------------	----------------	-------------

[illegible]

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

SAMPLER(S) PRINTED NAME AND SIGNATURE _____

Date: 2-16-09

[illegible]

PA 6 00B 7191900A 80068 15

PROJECT NUMBER: 20082445V1	
Container	
300C 10 b 1085/C	by E 71A PA A EP/A EP/A
3	

S **4**

laos
by B //Fu
hem
SPA
S^a 0202
idid
b^a b
Pars
Mois

[illegible][illegible][illegible][illegible][illegible][illegible]

Analysts at TA-Schramm
Please refer to table 5 (Southern Ribs Sampling; emailed on October 17, 2008)

Analyses at TA-Burlington
Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 23 ppb, please contact

RELINQUISHED BY: _____
Signature: _____
Print Name: _____
Company Name/Title: _____
Date: _____

RELINQUISHED BY:

[illegible]

..... type (print only in blue or black ink)

007-123. 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

Date: 11-29

Nearby Summer
Monty Melhorn / Edward Wells

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

[illegible]

Please refer to Table 6 (Southern Ribs Sampling: emailed on October 17, 2008)

Analyze at TA-Sacramento
Analyze at TA-Nashville

Analyze at TA-Nashville
Analyze at TA-Burlington

RELINQUISHED BY: _____ Signature: _____ Print Name: _____

RELINQUISHED BY:	Signature:	Print Name:
RECEIVED BY: Fred Cox		Blanchy Simon

RECEIVED BY: <i>Red Ex</i>	Company Name/Title: <i>Plucky Summer</i>	Date: <i>2-11-09</i>	Time: <i>1700</i>
RELINQUISHED BY:	<i>Red Ex</i>	<i>2-11-09</i>	<i>1700</i>
RECEIVED BY:			

[illegible]

RECEIVED BY:	2-11-99	6021
ISSUED & ORIGINATED BY:	Feet #10	

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 #: 7263 2317 0179

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Monty Mehler

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Date: 2-11-09

ANALYSIS REQUEST

Monty Mehmon, President of Galleria														
PROJECT NAME: GALLERIA NORTH SUB AREA														
PROJECT NUMBER: 20082449V1														
SAMPLE ID	DATE	TIME	Container						EDTA					
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH						
GNCL-JP03-12	2-11-09	1150	451											
GNCL-JP07-0	2-11-09	1215	451											
GNCL-JP07-0-NS/MSD	2-11-09	1215	451											
GNCL-JP07-4	2-11-09	1225	451											
GNCL-JP07-14	2-11-09	1245	451											

Comments/Instructions:

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

1 Analyze at TA-Sacramento

2 Analyze at TA-Nashville

3 Analyze at TA-Burlington

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

RELINQUISHED BY: Signature: Mandy Sumner

RECEIVED BY: Fed Ex

RELINQUISHED BY: Fed Ex

RECEIVED BY: Fed Ex

Print Name: Mandy Sumner

Company Name/Title: GES Geology

Date: 2-11-09

Time: 1700

Time: 1700

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 #: 7963 2209 9776

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sum

Date: 2-11-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	SVOCs* by 8270	PAHs* by 8270SM	PERCENT MOISTURE										
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH														
GNC1-JB05-0	2-11-09	0735	231																			
GNC1-JB05-7	2-11-09	0745	231																			
GNC1-JB05-17	2-11-09	0800	231																			
GNC1-JB02-0	2-11-09	0835	231																			
GNC1-JB02-5	2-11-09	0845	231																			
GNC1-JB02-15	2-11-09	0910	231																			
GNC1-JB04-0	2-11-09	0936	231																			
GNC1-JB04-0-FD	2-11-09	0930	231																			
GNC1-JB04-7	2-11-09	0945	231																			
GNC1-JB04-17	2-11-09	1005	231																			

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *[Signature]*

RECEIVED BY: *[Signature]*

RELINQUISHED BY: *[Signature]*

RECEIVED BY: *[Signature]*

Print Name: *Mandy Sum*
Company Name/Title: *Gel Laboratories*
Date: 2-11-09
Time: 1700

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 #: 776323097675

SAMPLER(S) PRINTED NAME AND SIGNATURE

Nandy Samer
Marty Melhorn / Nandy Samer

Date: 2/1/09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						RADIONUCLIDES	PERCHLORATE* by EPA 814.0	SVOCs* by 8270	PAHs* by 8270SIM	PERCENT MOISTURE	5PLP										
			Unpres	H2SO4	HN03	HCl	NaOH	ZnAc/NaOH																
GNC1-JB10-6	2-11-09	1050	asl																					
GNC1-JB10-8	2-11-09	1105	asl																					
GNC1-JB10-18	2-11-09	1115	asl																					
GNC1-JP03-0	2-11-09	1145	asl																					
GNC1-JP03-12	2-11-09	1150	asl																					
GNC1-JP07-0	2-11-09	1215	asl																					
GNC1-JP07-0-MS/MSD	2-11-09	1215	asl																					
GNC1-JP07-4	2-11-09	1225	asl																					
GNC1-JP07-14	2-11-09	1245	asl																					

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: *[Signature]* Signature: *[Signature]* Print Name: *Nandy Samer*

RECEIVED BY: *[Signature]* Signature: *[Signature]* Print Name: *Nandy Samer*

RELINQUISHED BY: *[Signature]* Signature: *[Signature]* Print Name: *Nandy Samer*

RECEIVED BY: *[Signature]* Signature: *[Signature]* Print Name: *Nandy Samer*

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) 298-8586

8-2-2008 21

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-11-09

PROJECT NAME: GALLERIA NORTH SUB AREA	Containers
PROJECT NUMBER: 20082449V1	

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
¹ Analyze at TA-Sacramento
² Analyze at TA-Nashville
³ Analyze at TA-Burlington
⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
⁵ Extract samples for Aroclors by 8092 only. If sum of the congeners result (method 1668) is greater than 33 mg, please analyze for congeners by 8090.

For Lab Use Only: Sample Condition Upon Receipt:	
ORIGINAL: Send with sample (size, color, etc.):	

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 #: 79163 2309 9802

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2.11.09

[illegible]

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY: _____ Signature: _____

Print Name: _____

Company Name/Title:

Time:

RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	2-11-08	12:00
RECEIVED BY:	2-11-08	12:00

For Lab Use Only: Sample Condition Upon Receipt
ORIGINAL: Send with _____

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

ERM CHAIN OF CUSTODY RECORD

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

FED EX #: 7963 2437 9307 (Fed Ex 7973 2073 9424)
SAMPLER(S) PRINTED NAME AND SIGNATURE: Mandy Sumner
PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Mandy Garner		Monty Mehltorn		Monty Mehltorn	
PROJECT NAME: GALLERIA NORTH SUB AREA		PROJECT NUMBER: 20082449V1			
SAMPLE ID		DATE	TIME	Container	
				Unpres	H2SO4
				HNO3	HCl
				NaOH	ZnAc/NaOH
				EDA	
GNC1 - JP02-0		2-12-09	0740	44	
GNC1 - JP02-0-FD		2-12-09	0740	46	
GNC1 - JP02-10		2-12-09	0920	46	
GNC1 - BC25-0		2-12-09	0945	46	
GNC1 - BC25-4		2-12-09	0955	46	
GNC1 - BC25-14		2-12-09	1005	46	
GNC1 - BC26-0		2-12-09	0825	46	
TB-1 (2-12-09)		2-12-09	0600		
Comments/Instructions:					

Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: Signature: Mandy Sumner
RECEIVED BY: Mandy Sumner
RELINQUISHED BY: Signature: Jerry Everett
RECEIVED BY: Jerry Everett
Company Name/Title: Gedex
Date: 2-12-09
Time: 1700

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

Address: 2525 Natomas Park Drive, Suite 350

LABORATORY: TestAmerica-St Louis

Address: 13715 Rider Trail North

Phone: (314) 298-8566

FED EX #: 7963 2437 9312

Mandy Sinner *[Signature]*

Monty Mehlhorn

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container									
SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
ENC1 - BC26-11	2-12-09	1040	451						
ENC1 - BD27-0	2-12-09	1125	451						
ENC1 - BD27-10	2-12-09	1150	451						
ENC1 - BD27-20	2-12-09	1210	451						
ENC1 - JP06-0	2-12-09	1230	451						
ENC1 - JP06-0-ED	2-12-09	1230	451						
ENC1 - JP06-3	2-12-09	1245	451						
ENC1 - JP06-13	2-12-09	1300	451						

5

[illegible]

Comments/Instructions:

- Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
Analyze at TA-Sacramento

Analyze at TA-Sacramento
Analyze at TA-Nastville

Signature: _____

RELINQUISHED BY: _____ Print Name: _____

RECEIVED BY: Fed Ex
DELIVERED BY: Fed Ex
PRINT NAME: Family Summer

DECLASSIFIED BY: 6032
DATE: 10/1/2010

RECEIVED BY:

	For Lab Use Only: Sample Count

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 #: 7973 2073 2084

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner
Monty Melhorn

Date: 2-12-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
GNC1 - JP02-0	2-12-09	0740							
GNC1 - JP02-0-FD	2-12-09	0740							
GNC1 - JP02-10	2-12-09	0920							
GNC1 - BC25-0	2-12-09	0945							
GNC1 - BC25-4	2-12-09	0955							
GNC1 - BC25-14	2-12-09	1005							
GNC1 - BC26-0	2-12-09	0825							
GNC1 - BC26-11	2-12-09	1040							
GNC1 - BD27-0	2-12-09	1125							
GNC1 - BD27-16	2-12-09	1150							

RADIONUCLIDES
PERCHLORATE* by EPA 314.0
SVOCs* by 8270
PAHs* by 8270SIM
PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY:

[Signature]

Print Name: Mandy Sumner

Company Name/Title: GEL Geolight

Date: 2-12-09

RECEIVED BY:

[Signature]

Print Name: Fed Ex

Company Name/Title: Fed Ex

Date: 2-12-09

RELINQUISHED BY:

[Signature]

Print Name: Fed Ex

Company Name/Title: Fed Ex

Date: 2-12-09

RECEIVED BY:

[Signature]

Print Name: Fed Ex

Company Name/Title: Fed Ex

Date: 2-12-09

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 Resco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8171

FED EX #: 7963 2437 2190

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Summer *of*
Monty Melhorn Mont Mello

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

[illegible]


Comments/Instructions:

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

Please report results in dry weight.

Signature: _____

Signature: _____
Print Name: _____

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

RELINQUISHED BY: _____
Emit Name: _____
Company Name/Title: _____
Date: ____/____/____

RECEIVED BY:	Field	PLANT SUMMIT	GES Geop	7-2-08	17 mg
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RECEIVED BY:	Field	PLANT SUMMIT	GES Geop	7-2-08	17 mg
--------------	-------	--------------	----------	--------	-------

RELINQUISHED BY: _____

RELINQUISHED BY: _____

[illegible][illegible][illegible][illegible]

ORIGINAL: Send with sample for analysis.

ORIGINAL: Send with sample for analysis.

Copies: District _____
City _____
County _____
State _____

Copies: District _____
City _____
County _____
State _____

COPIES: Retained by sampler, Sent to Office

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

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-12-09

ANALYSIS REQUEST

Comments/Instructions:

PROJECT NAME: GALLERIA NORTH SUB AREA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Comments/Instructions:

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

4 Analyze at TA-Sacramento
5 Analyze at TA-Nashville

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

Signature:

Print Name:

Company Name/Title: _____ Date: _____ Time: _____

Time:

17.078

170

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 #: 7973 2073 1982

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner *[Signature]*

Date: 2-12-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA
Rinsate 10	2-12-09	1400	X		X				

RADIIONUCLIDES	X	PERCHLORATE* by EPA 314.0	X	SVOCs* by 8270	X	PAHs* by 8270SIM	X	PERCENT MOISTURE
----------------	---	---------------------------	---	----------------	---	------------------	---	------------------

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

[Signature]

Print Name:

Mandy Sumner

Company Name/Title:

GEL Geotechnical
Field Exp

Date:

2-12-09 1700
2-12-09 1700

RELINQUISHED BY:

Fed Ex

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 #: 7963 3639 2140 Date: 2-13-09
SAMPLER(S) PRINTED NAME AND SIGNATURE: Nancy Sumner

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Monty, Melhorn / 19th and Melina										ANALYSIS REQUEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Comments/Instructions:

- * Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)
- 1 Analyze at TA-Sacramento
- 2 Analyze at TA-Nashville
- 3 Analyze at TA-Burlington
- 4 Please report results in dry weight, therefore all soil will require % moisture testing.
- 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

RELINQUISHED BY: [Signature] Signature: Nancy Sumner Print Name: Nancy Sumner

RECEIVED BY: [Signature] Date: 2-13-09 Time: 1700

RELINQUISHED BY: [Signature] Date: 2-13-09 Time: 1700

RECEIVED BY: [Signature] Date: 2-13-09 Time: 1700

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 #: 7973 3274 7996

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumr
Mandy Melhorn

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container					EDTA	ZnAc/NaOH	NaOH	HCl	HNO3	H2SO4	Unpres	IONs* by EPA 300.0	Dioxins/Furans* by EPA 8290	Gen. Chem* (please see methods)	pH by EPA 8045C/8040B	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
GNC1-JB06-0	2-13-09	0940						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JD06-0	2-13-09	1010						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JB03-0-PD	2-13-09	0920						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JB03-0-MS/MSD	2-13-09	0920						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JB03-7	2-13-09	1210						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JB03-17	2-13-09	1230						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JB07-8	2-13-09	1220						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X
GNC1-JB07-18	2-13-09	1335						4%						4%	X	X	X	X	X	X	X	X	X	X	X	X	X

Comments/Instructions:

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

1 Analyze at TA-Sacramento

2 Analyze at TA-Nashville

3 Analyze at TA-Burlington

* GNC1-JB07-8, do not test dioxins, aroclors, congeners.

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

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

RELINQUISHED BY: *[Signature]* Signature:

RECEIVED BY: *[Signature]* Print Name: Mandy Sumr

RELINQUISHED BY: *[Signature]* Date: 2-13-09

RECEIVED BY: *[Signature]* Time: 1700

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

ERM CHAIN OF CUSTODY RECORD

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

FED EX #: 7963 3638 0423

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 2-13-09

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						PERCHLORATE* by EPA 314.0	BVOCs* by 8270	PAH'S* by 8270SIM	PERCENT MOISTURE												
			Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																
GNCI-JS15-0	2-13-09	0735	251																					
GNCI-JS15-10	2-13-09	0750	251																					
GNCI-JB07-0	2-13-09	0910	251																					
GNCI-JB03-0	2-13-09	0920	251																					
GNCI-JB06-0	2-13-09	0940	251																					
GNCI-JD06-0	2-13-09	1010	251																					
GNCI-JB03-0-FD	2-13-09	0920	251																					
GNCI-JB03-0-HMSB	2-13-09	0920	251																					
GNCI-J	2-13-09		251																					
GNCI-	2-13-09		251																					

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY:

RECEIVED BY: Fed Ex

Signature:

[Signature]

Print Name:

Mandy Sumner

Company Name/Title:

GES Geol Dept

Date:

2-13-09

Time:

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

FED EX #: 7973 3273 6290

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sanchez

Date: 2-13-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA
PROJECT NUMBER: 20082449V1

Container

Unpres H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

SAMPLE ID

GNC1-JB03-7
GNC1-JB03-17
GNC1-JB07-8
GNC1-JB07-18

DATE

2-13-09
2-13-09
2-13-09
2-13-09

TIME

1210
1230
1320
1335

RADIONUCLIDES
PERCHLORATE* by EPA 314.0
SVOCs* by 8270
PAHs* by 8270SIM
PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

RELINQUISHED BY:

Fed Ex

Print Name:

Mandy Sanchez

Company Name/Title:

Gel Geoloyst

Date:

2-13-09

RECEIVED BY:

Fed Ex

RECEIVED BY:

Fed Ex

RECEIVED BY:

Fed Ex

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: Advanced Terra Testing, Inc.
Contact Person: Kerry Repole
Address: 833 Parfet St.
Lakewood, CO 80215
Phone: (303) 232-8308

FED EX #: 061593210000 737

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 2-13-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

Unpres H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

SAMPLE ID

DATE

TIME

2-13-09 0750

2-13-09 0820

2-13-09 0838

2-13-09

GNC1-JS15-10

GNC1-JS15-20

GNC1-JS15-30

GNC1-JS15-35

Soil permeability/saturated hydraulic conductivity (Method ASTM D6084)

Comments/Instructions:

Please report results in dry weight.

Signature:

Signature: [Signature]

Print Name:

Print Name: Mandy Sumner

RELINQUISHED BY: Fed Ex

RECEIVED BY: Fed Ex

RELINQUISHED BY: Fed Ex

RECEIVED BY: Fed Ex

Company Name/Title: Ges Geologist

Fed Ex

Date: 2-13-09

Date: 2-13-09

Time: 1700

Time: 1700

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

SAMPLER(S) PRINTED NAME AND SIGNATURE

Date: 2-17-09

ANALYSIS REQUEST

IONs* by EPA 300.0	X	X	X	X	
Dioxins/Furans* by EPA 8290	X	X	X	X	
Gen. Chem* (please see methods)	X	X	X	X	
pH by EPA 8045C/8040B	X	X	X	X	
METALS* by EPA Methods 6010B/6020/7471A/7470A	X	X	X	X	
Hex chromium by EPA 7196A	X	X	X	X	
OC Pesticides* by EPA 8081A	X	X	X	X	
Aroclors* ^b by EPA 8082					
Congeners* ¹ by EPA 1668					
Aldehydes* ² by EPA 8315	X	X	X	X	
VOCs* by EPA 8260B	X	X	X	X	
Physical Parameters ³ *	X	X	X	X	
Percent Moisture					

2-17-09	0600
---------	------

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

100-700-17-300 (10/11)

Print Name: _____

Company Name/Title:

Time:

CS Geology

POZ

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

COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

LABORATORY: GEL Laboratories, LLC
Contact Person: Amanda Rasco
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 558-8171

Public Access Study: ☐ Yes ☒ No

FED EX #: 7963 4680 7366

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 2-17-09

ANALYSIS REQUEST

[illegible]

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature: _____

RECEIVED BY: _____

Print Name: _____

Company Name/Title:

Date: _____ Time: _____

REF INQUIRIES BY

Get Deployed

2021 60-21-2

RECEIVED BY
SANDWICH

Reddy

5027 58-1-1-7

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 #: 7973 7343 9165

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 3-2-09

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	Container						EDTA	ION ¹ by EPA 300.0	Dioxins/Furans ² by EPA 8290	Gen. Chem ³ (please see methods)	pH by EPA 9045C/9040B	METALS ⁴ by EPA Methods 6010B/6020/7471A/7470A	Hex chromium by EPA 7196A	OC Pesticides ⁵ by EPA 8081A	Aroclors ⁵ by EPA 8082	Congeners ¹ by EPA 1668	Aldehydes ² by EPA 8315	VOCs ² by EPA 8260B	Physical Parameters ³	Percent Moisture			
			H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH																		
GNC1-Bc22-0	3-2-09	0930																							
GNC1-Bc22-11	3-2-09	1630																							
TB-1 (3-2-09)	3-2-09	0600																							

Comments/Instructions:

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

1 Analyze at TA-Sacramento

2 Analyze at TA-Nashville

3 Analyze at TA-Burlington

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

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

Signature:

Print Name:

Mandy Sumner

Company Name/Title:

Ges Geologist

Date:

3-2-09

Time:

1700

RELINQUISHED BY:

Fed Ex

Date:

3-3-09

Time:

1700

RECEIVED BY:

Date:

Time:

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 #: 7973 7344 8530

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner

Date: 3-2-09

ANALYSIS REQUEST

PROJECT NAME: GALLERIA NORTH SUB AREA

PROJECT NUMBER: 20082449V1

Container

Unpres H2SO4 HNO3 HCl NaOH ZnAc/NaOH EDA

SAMPLE ID

DATE

TIME

GNCL-BC22-0

3-2-09

0930

GNCL-BC22-11

3-2-09

1030

RADIONUCLIDES
PERCHLORATE* by EPA 314.0
SVOCs* by 8270
PAHs* by 8270SIM
PERCENT MOISTURE

Comments/Instructions:

* Please refer to Table 5 (Southern Ribs Sampling: emailed on November 17, 2008)
Please report results in dry weight.

Signature:

Print Name:

RELINQUISHED BY:

Fed Ex

Mandy Sumner

Company Name/Title:

GES Geologist

Date:

3-2-09 1500

RELINQUISHED BY:

Fed Ex

Fed Ex

Date:

3-2-09 1500

RECEIVED BY:

Date:

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

TAILGATE SAFETY MEETING FORM

Date: 1-27-09 Time: 0725 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel}Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

SIGNATURE

EDWIN GARCIA
Juan Pablo Martinez
Mandy Sumner

[Signature]
[Signature]

Meeting Conducted By: Monty Mehlhorn
Name PrintedMonty Mehlhorn
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 1-28-09 Time: 0725 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

Juan Pablo MartinezEDWIN GARCIAVICTORIA HANSEN

SIGNATURE

Juan Pablo Martinez Eagle Drilling" "" "Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name Printed SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 1-29-09 Time: 0715 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

Juan Pablo MartinezEDWIN GARCIAVICTORIA HANSEN

SIGNATURE

Juan Pablo Martinez EAGLE DRILLINGEdwin Garcia " "Victoria Hansen

Meeting Conducted By: _____
Name Printed

Signature

On-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 1-30-09 Time: 0720 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

Juan Pablo MartinezEDWIN GARCIAMandy Simon_____

SIGNATURE

Juan Pablo B. EAGLE DRILLING" "" "_____

_____Meeting Conducted By: Monty Mehlhorn
Name PrintedMonty Mehlhorn
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-2-09 Time: 0730 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

SIGNATURE

EDWIN GARCIA
Eduardo Luis
Monty Sun

[Signature]
[Signature]
[Signature]

Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name Printed SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-3-09 Time: 0740 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911Phone: 911Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

EDWIN GARCIAJames B.

SIGNATURE

[Signature]
[Signature] EAGLE DRILLINGMeeting Conducted By: Monty Mehlhorn
Name Printed[Signature]
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-4-09 Time: 0655 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911Phone: 911Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

SIGNATURE

Juan Pablo Martinez
EDWIN GARCIAJuan Pablo Martinez
[Signature]

_____Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name Printed SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-5-09 Time: 0745 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

Juan Pablo MartinezEduardo WisMandy Sumner

SIGNATURE

[Signature] EAGLE DRILLING[Signature] EAGLE[Signature]Meeting Conducted By: Monty Mehlhorn
Name PrintedMonty Mehlhorn
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-6-09 Time: 0720 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

Juan Pablo MartinezEDWIN GARCIAMandy Sam

SIGNATURE

Juan Pablo MartinezEdwin GarciaMeeting Conducted By: Monty Mehlhorn
Name PrintedMonty Mehlhorn
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-9-09 Time: 0915 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

SIGNATURE

EDWIN GARCIA
Juan Pablo Martinez
Mandy Sumner

[Signature] EGLE DRILLING
[Signature] " "
[Signature]

Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name Printed SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-10-09 Time: 0715 Job Number: 20082449V1

Client: BRC

Site Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} Toed Boots

Chemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/Furans

Physical Hazards: Uneven Surfaces

Special Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

EDWIN GARCIA
Juan Pablo Martinez
Mandy Sinner

SIGNATURE

[Signature] EAGLE DRILLING
[Signature]
[Signature]

Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name Printed Signature

On-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-11-09 Time: 0725 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

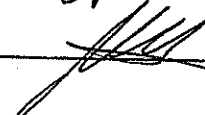
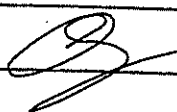
Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

Juan Pablo MartinezEDWIN GARCIAMandy Smur

SIGNATURE

EAGLE DRILLING" "Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name Printed SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-12-09 Time: 0735 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, ^{Steel} Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911Phone: 911Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

EDWIN GARCIAEduardo Luis

SIGNATURE

EDWIN GARCIAEduardo LuisMeeting Conducted By: Monty Mehlhorn
Name PrintedMonty Mehlhorn
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

TAILGATE SAFETY MEETING FORM

Date: 2-13-09 Time: 0725 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

EDWIN GACHWAP
EDUARDO LUIS
Mandy Sumner

SIGNATURE

EDGAR DRIVER
EDUARDO LUIS

Meeting Conducted By: Monty Mehlhorn
Name PrintedMonty Mehlhorn
SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranajit Sahu

#304

TAILGATE SAFETY MEETING FORM

Date: 2-17-09 Time: 0735 Job Number: 20082449V1Client: BRCSite Specific Location: Gallaria North Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel Toed BootsChemical Hazards: VOCs, SVOCs, Pesticides, PCB's, Dioxins/FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Drill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital

ATTENDEES

NAME PRINTED

EDWIN GARCIANEIL WILKINSONMandy Sumner

SIGNATURE

[Signature][Signature]Meeting Conducted By: Monty Mehlhorn Monty Mehlhorn
Name/Printed SignatureOn-Site Safety Officer: Monty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 3-2-09 Time: _____ Job Number: 2008244901Client: BRCSite Specific Location: Galleria North Sub Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D": Hard Hat, Safety Glasses, Steel toe bootsChemical Hazards: VOC's, SVOC's, Pesticides, PCB's, Dioxins / FuransPhysical Hazards: Uneven SurfacesSpecial Equipment: Deill Rigs

Other: _____

Emergency Procedures: Apply 1st Aid, Call 911Hospital: 911 Phone: 911 Ambulance Phone: 911Hospital Address and Route: St. Rose Hospital, Lake Mead Blvd.

ATTENDEES

NAME PRINTED

SIGNATURE

Eduardo Luis
Shawn SearsEduardo Luis
Shawn SearsMeeting Conducted By: Mandy Summer
Name Printed[Signature]
SignatureOn-Site Safety Officer: Mandy SummerProject Manager: Ranajit Sahu