



December 5 2008
Project No. 20082426V1

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

RE: *Southern RIBs Sub Area Soil Sampling, Henderson, Nevada*

Dear Dr. Sahu:

PROVIDING

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

On October 31, 2008 through November 26, 2008, Geotechnical and Environmental Services, Inc. (GES) implemented a sampling plan as described in the ***Workplan for Southern RIBs BMI Complex, Henderson, Nevada, January 2007*** (Workplan). This activity report details the scope of services performed, which consisted of the following:

- USA Locate.
- 29 – 31, 2007: Staked and located sixty-three (63) sampling locations with a GPS Trimble ProXH Unit. Coordinates were provided by ERM based upon Figure 2 in the Workplan. Concurrently, a second GES team member collected 61 surface-soil samples for an asbestos survey. Two locations could not be sampled due to debris covering the sampling location. The debris was later removed by Meadow Valley Construction and soil samples were collected at the two locations as well.
- October 31, 2008 – November 26, 2008: Collected 159 soil samples from sixty-three (63) boring locations throughout the site at depths of 0 – 0.5 feet, 4.0 – 5.0 feet, and 9.0 – 10.0 feet. Three “deep” borings required collecting additional soil samples for physical parameters and SPLP analyses at 20.0’, 30.0’ and 40.0’. Duplicate samples were taken approximately every 10th sample, while MS/MSD samples were collected every 20th sample. A total of 8 rinsate samples were taken throughout the sampling event as requested in the Workplan.

GES’s scope of services was to implement the Workplan 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 - Sixty-three (63) 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 sixty-three (63) 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.

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 67).

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, Time, and Date. For example, the first sampling location was identified as SRC1-AG16-0, 10/31/08, 0729, while the final sampling location was identified as SRC1-AK22-0, 11/17/08, 0725. 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 downhole 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 downhole equipment was washed between borehole locations using Alconox™ detergent wash, a potable water rinse, and a final rinse with commercially available distilled water.

Investigative Derived Waste (IDW)

All Investigative Derived Waste (IDW) consisted of drilling cuttings (soil) and equipment decontamination waste (Alconox 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 for the field activities was performed in accordance with the Work Plan. 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) are included in Appendix A. Copies of the chain-of-custody's and daily safety meeting forms are included in Appendix B.

Changes to Original Planned Work

During this work no modifications were made to the original scope of services. 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



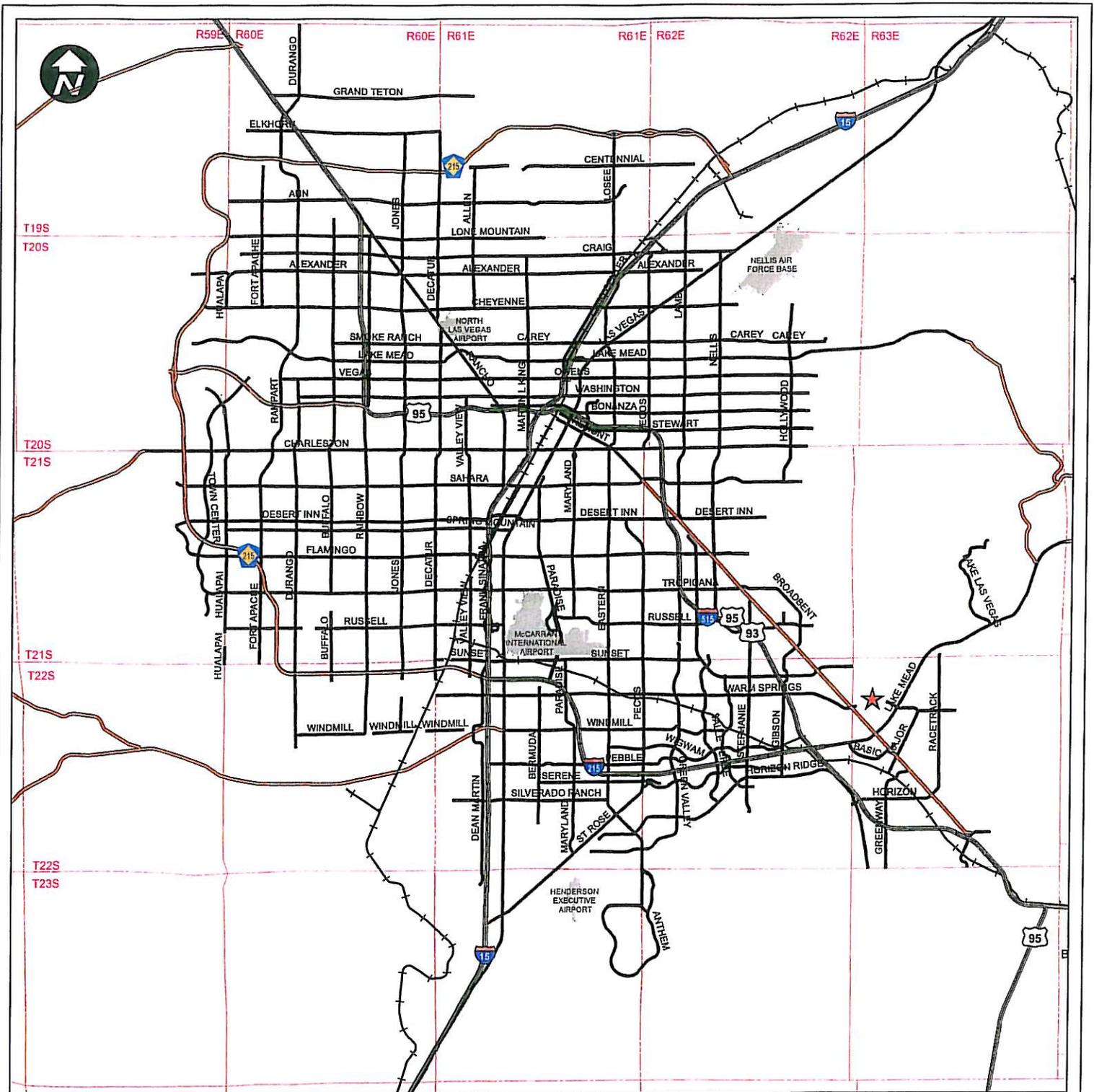
Kyle S. Hansen
Environmental Program Manager
C.E.M. #2167

RAC:KSH:as

Enc.: Figures 1, 2 and 3
Boring Logs (63)
Chain-of-Custody Records (15)
Tailgate Safety Meeting Forms (10)

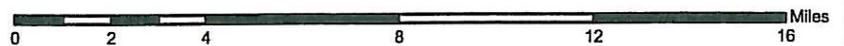
Dist: 2 originals mailed to addressee
1 cc to project file

**FIGURES:
VICINITY MAP
EXPLORATION LOCATION MAP
BORING LOGS**



Legend

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

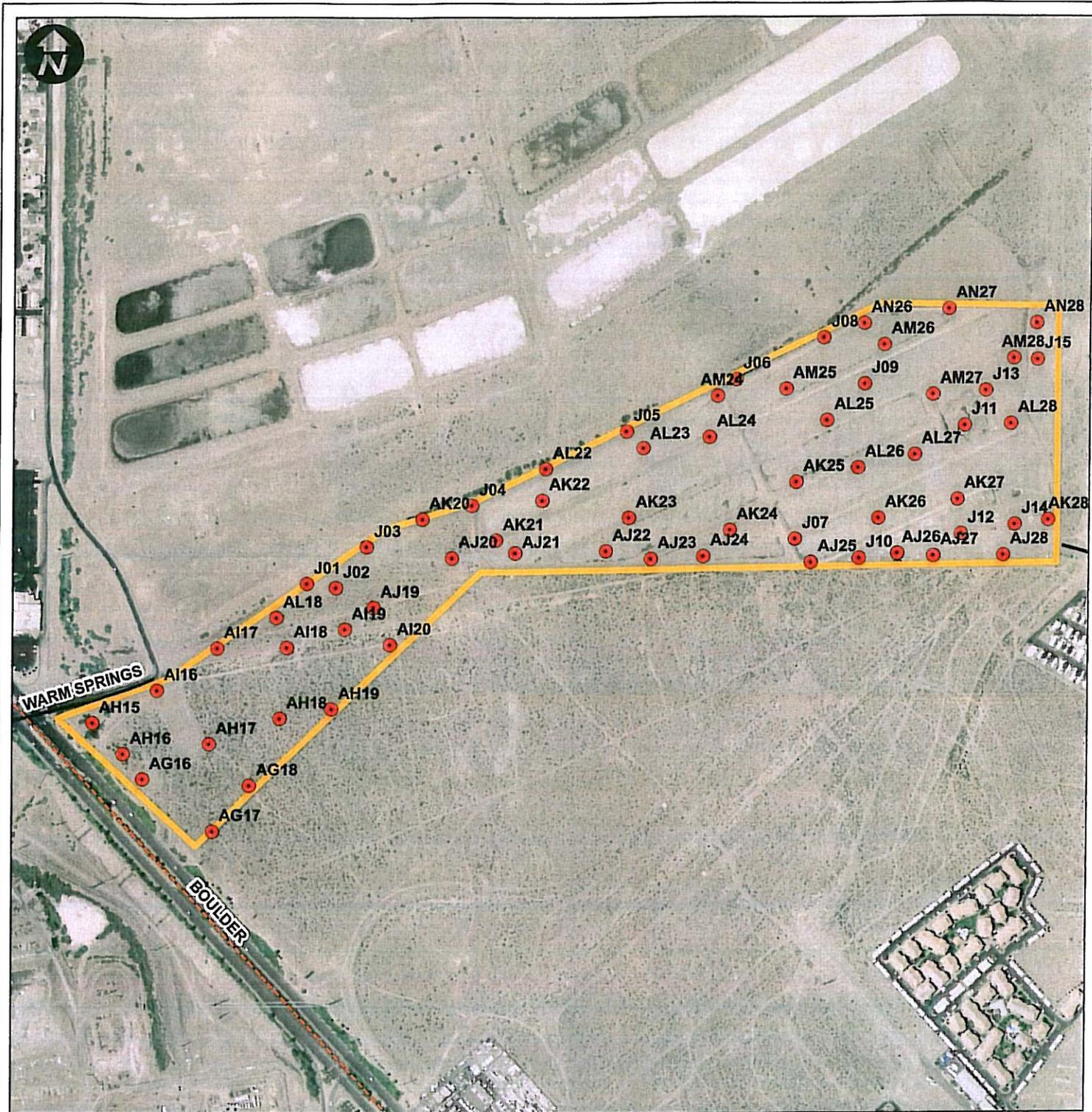


NOTE: Data presented on this map is a compilation of GIS Metadata extracted from a variety of sources. Major Streets, Airports, and Railroads is data obtained from the Southern Nevada GIS Management Office. This data is downloaded by GES for incorporation into drawings generated by GES. Data contained 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.

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.
 7150 Placid St.
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 702-365-1001
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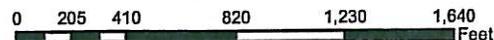
**EXPLORATION LOCATION MAP
 SOUTHERN RIBS SUB-AREA SOIL SAMPLING
 HENDERSON, NEVADA**

| | |
|---------------------------|---------------------------|
| Drawn By: MMD | Date Drawn: 11/21/2008 |
| Project No. 20082426V1 | Figure No. 1 |



Legend

- Sample Location
- Major Street
- - - State Highway
- ▭ Site Boundry



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**EXPLORATION LOCATION MAP
 SOUTHERN RIBS SUB-AREA SOIL SAMPLING
 BASIC REMEDIATION COMPANY**

| | |
|---------------------------|---------------------------|
| Drawn By: MMD | Date Drawn: 11/21/2008 |
| Project No. 20082426V1 | Figure No. 2 |



1. Boring Location SRC1-J14

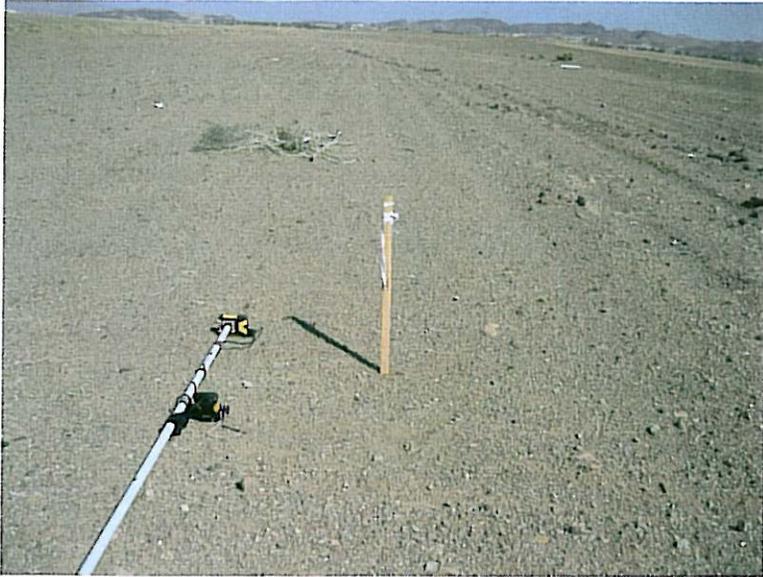


2. Boring Location SRC1-J15



3. Boring Location SRC1-J08

| | |
|---|---|
|  | <p>PROJECT: Southern RIBs Sub Area Basic Remediation Company Figure 3 Site Photographs</p> |
|---|---|



4. Boring Location SRC1-J09



5. Boring Location SRC1-AL27



6. Boring Location SRC1-AJ24

| | |
|---|--|
|  | <p>PROJECT: Southern RIBs Sub Area Basic Remediation Company Figure 3a Site Photographs</p> |
|---|--|



7. Boring Location SRC1-AL23

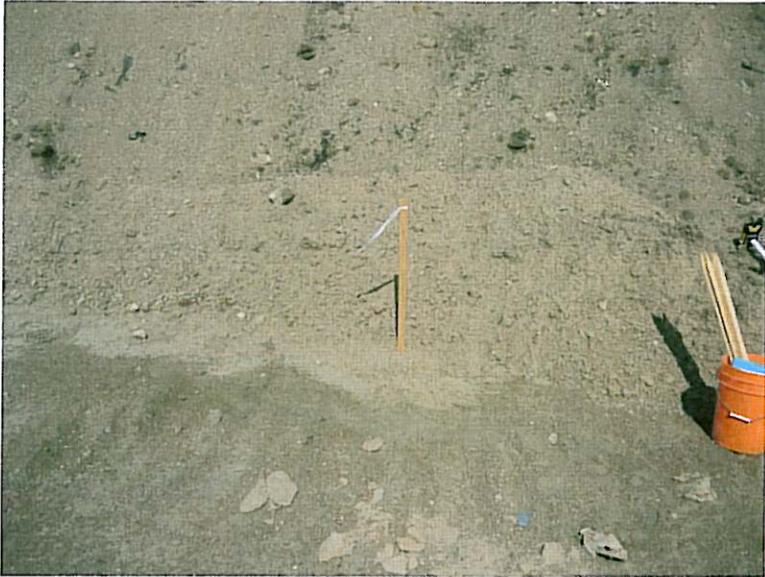


8. Boring Location SRC1-AK22

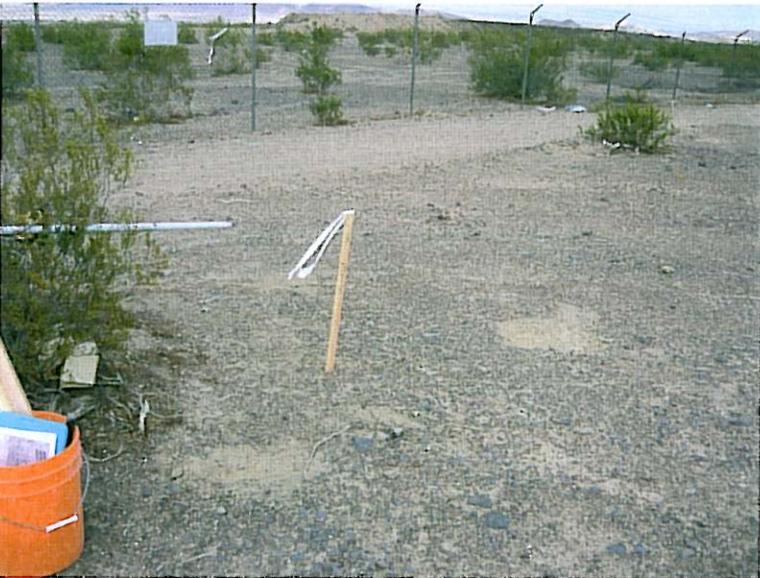


9. Boring Location SRC1-AJ21

| | |
|---|--|
|  | <p>PROJECT: Southern RIBs Sub Area Basic Remediation Company Figure 3b Site Photographs</p> |
|---|--|



10. Boring Location SRC1-AK20



11. Boring Location SRC1-AJ19



12. Boring Location SRC1-AI18



PROJECT:
Southern RIBs Sub Area
Basic Remediation
Company
Figure 3c
Site Photographs



13. Boring Location SRC1-AG17



14. Boring Location SRC1-AH17



15. Boring Location SRC1-AH15



PROJECT:
Southern RIBs Sub Area
Basic Remediation
Company
Figure 3d
Site Photographs

EXPLORATION LOG SRC1-AG16

PROJECT: SOUTHERN RIBS SUB AREA

PROJECT NO.: 20082426V1

BORING LOCATION: W: -114.99230, N: 36.04963

EXPLORATION DATE: 10-31-08

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

EQUIPMENT: DIEDRICH D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>9 11 14</p> <p>21 34 49</p> | SM | <p>Pale brown silty SAND with gravel, moist and medium dense. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.</p> <p>...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.3 ppmV.</p> <p>...reddish yellow, few gravel, dense.</p> | | | | | | |
| | | | 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 SRC1-AG17

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.99110, N: 36.04890
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 10-31-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | <p>Dark brownish gray silty SAND with gravel, dry and medium dense. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...reddish yellow and moist.</p> <p>...PIDs: 10.6 eV = 14.0 ppmV, 11.7 eV = 2.1 ppmV.</p> | | | | | | |
| | | | 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 SRC1-AG18

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.99046, N: 36.04953
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 10-31-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | Dark brownish gray silty SAND, dry and loose. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.6 ppmV. | | | | | | |
| | | | ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.2 ppmV. | | | | | | |
| | | | 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 SRC1-AH15

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.99317, N: 36.05042
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-03-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | Reddish yellow silty SAND with gravel, dry and medium dense. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.5 ppmV. ...reddish yellow, few gravel, moist. | | | | | | |
| | | | ...PIDs: 10.6 eV = 2.8 ppmV, 11.7 eV = 0.9 ppmV. | | | | | | |
| | | | END OF BORING AT 13.0 FEET | | | | | | |

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EXPLORATION LOG SRC1-AH16

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.99264, N: 36.04998
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-03-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | <p>Very pale brown silty SAND with gravel, dry and loose. ...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.7 ppmV.</p> <p>...moist.</p> <p>...dense. ...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.5 ppmV.</p> | | | | | | |
| | | | 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 SRC1-AH17

PROJECT: SOUTHERN RIBS SUB AREA **PROJECT NO.:** 20082426V1
BORING LOCATION: W: -114.99115, N: 36.05012 **EXPLORATION DATE:** 11/14/2008
EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS **EQUIPMENT:** DIEDRICH D-50 TRACK RIG
ELEVATION: EXISTING GROUND SURFACE **LOGGED BY:** SEARS/MEHLHORN
INITIAL DEPTH TO WATER: NOT ENCOUNTERED **DATE MEASURED:** NA
FINAL DEPTH TO WATER: NOT ENCOUNTERED **DATE MEASURED:** NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...thin gravel layers.</p> <p>Very pale brown silty SAND, few gravel, moist and dense.</p> <p>Pale Brown silty SAND with gravel, moist and very dense. PIDs: 10.6 eV = 4.0ppmV, 11.7 eV = 1.7 ppmV.</p> | | | | | | |

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EXPLORATION LOG SRC1-AH17

PROJECT: SOUTHERN RIBS SUB AREA

PROJECT NO.: 20082426V1

BORING LOCATION: W: -114.99115, N: 36.05012

EXPLORATION DATE: 11/14/2008

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

EQUIPMENT: DIEDRICH D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: SEARS/MEHLHORN

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>32.5</p><p>35</p><p>37.5</p><p>40</p><p>42.5</p><p>45</p><p>47.5</p> </div> </div> | | | <p>...PIDs: 10.6 eV = 0.9 ppmV, 11.7 eV = 0.3 ppmV.</p> <p>...wet.</p> | | | | | | |
| | | | <p>END OF BORING AT 41.5 FEET</p> | | | | | | |

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EXPLORATION LOG SRC1-AH19

PROJECT: SOUTHERN RIBS SUB AREA
BORING LOCATION: W: -114.98904, N: 36.05059
EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
EXPLORATION DATE: 10-31-08
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p style="text-align: right;">4 5 7</p> <p style="text-align: right;">19 17 21</p> | SM | <p>Brownish yellow silty SAND with gravel, dry and loose. ...PIDs: 10.6 eV = 2.3 ppmV, 11.7 eV = 0.8 ppmV.</p> <p>...PIDs: 10.6 eV = 0.7 ppmV, 11.7 eV = 0.8 ppmV.</p> | | | | | | |
| | | | 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 SRC1-A116

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.99205, N: 36.05087
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-03-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | <p>Reddish yellow silty SAND with gravel, dry and medium dense. ...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 1.4 ppmV.</p> <p>...reddish yellow, few gravel, moist and dense.</p> <p>...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.1 ppmV.</p> | | | | | | |
| | | | 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 SRC1-A118

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98980, N: 36.05145
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-03-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>4 4 4</p> <p>8 21 27</p> | SM | <p>Very pale brown silty SAND, trace gravel, dry and loose. ...PIDs: 10.6 eV = 2.3 ppmV, 11.7 eV = 0.5 ppmV.</p> <p>...reddish yellow, with gravel, moist and dense.</p> <p>...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.</p> | | | | | | |
| | | | 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 SRC1-A19

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98880, N: 36.05170
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 10-31-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | ...PIDs: 10.6 eV = 3.1 ppmV, 11.7 eV = 0.2 ppmV. | | | | | | |
| | | | END OF BORING AT 19.0 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 SRC1-AI20

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98803, N: 36.05148
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 10-31-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | Brownish yellow silty SAND, few gravel, dry and medium dense. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV. ...moist. | | | | | | |
| | | | ...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.3 ppmV. | | | | | | |
| | | | 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 SRC1-AJ20

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98697, N: 36.05268 | EXPLORATION DATE: 11-05-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/MEHLHORN |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...PIDs: 10.6 eV = 0.8 ppmV, 11.7 eV = 1.4 ppmV.</p> <p>...reddish yellow, and dense.</p> | | | | | | |
| | | | END OF BORING AT 24.0 FEET | | | | | | |

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

EXPLORATION LOG SRC1-AJ23

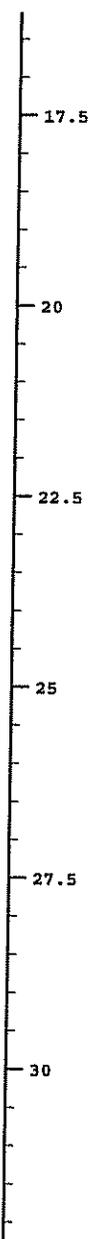
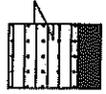
| | |
|---|---|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98353, N: 36.05265 | EXPLORATION DATE: 11-07-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/BRINKERHO |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | <p>Yellowish brown poorly graded silty SAND with gravel, moist and medium dense.</p> <p>...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 1.1 ppmV.</p> <p>...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 1.9 ppmV.</p> <p>...dense.</p> <p>...PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 1.4 ppmV.</p> | | | | | | |

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 SRC1-AJ23

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98353, N: 36.05265 | EXPLORATION DATE: 11-07-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/BRINKERHO |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|--|---|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
|  |  | | <p>END OF BORING AT 17.0 FEET</p> | | | | | | |

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 SRC1-AJ24

| | |
|---|---|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98263, N: 36.05268 | EXPLORATION DATE: 11-10-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: SEARS/BRINKERHOFF |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p style="margin: 0;">3 5 12</p> <p style="margin: 0;">15 19 21</p> | SP-SM | <p>Yellowish brown poorly graded silty SAND with gravel, dry and medium dense.</p> <p>...PIDs: 10.6 eV = 1.6 ppmV, 11.7 eV = 2.1 ppmV.</p> <p>...reddish brown, moist and dense.</p> <p>...PIDs: 10.6 eV = 1.5 ppmV, 11.7 eV = 2.0 ppmV.</p> <p style="text-align: center;">END OF BORING AT 13.0 FEET</p> | | | | | | |

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 SRC1-AJ25

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98078, N: 36.05258
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-13-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | <p>Yellowish brown poorly graded silty SAND with gravel, dry and medium dense. Organic debris observed on the ground surface. PID: 11.7 eV = 3.2 ppmv. ...moist.</p> <p>...moist. PIDs: 11.7 eV = 4.1 ppmV, 10.6 eV = 2.7 ppmV.</p> <p>...reddish brown.</p> <p>...few gravel.</p> <p>...very dense.</p> <p>...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 10.6 ppmV.</p> | | | | | | |
| | | | 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 SRC1-AJ27

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97868, N: 36.05266
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-13-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| 0 | | SP-SM | Yellowish brown, poorly graded silty SAND with gravel, dry and dense. PID: 11.7 eV = 1.9 ppmV. | | | | | | |
| 2.5 | | | ...moist. | | | | | | |
| 5 | | | ...medium dense. ...PID: 11.7 eV = 4.0 ppmV. | | | | | | |
| 7.5 | | | | | | | | | |
| 10 | | | | | | | | | |
| 12.5 | | | | | | | | | |
| 15 | | | END OF BORING AT 13.0 FEET | | | | | | |

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

EXPLORATION LOG SRC1-AK20

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98748, N: 36.05323 | EXPLORATION DATE: 11-05-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/MEHLHORN |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | <p>Light grey silty SAND with gravel, dry and loose. ...PIDs: 10.6 eV = 2.1 ppmV, 11.7 eV = 1.7 ppmV.</p> <p>...pale brown, moist and medium dense.</p> <p>...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 1.6 ppmV.</p> <p>...reddish brown.</p> | | | | | | |

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 SRC1-AK20

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98748, N: 36.05323 | EXPLORATION DATE: 11-05-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/MEHLHORN |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...PIDs: 10.6 eV = 0.7 ppmV, 11.7 eV = 1.7 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 22.0 FEET</p> | | | | | | |

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 SRC1-AK21

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98621, N: 36.05293 | EXPLORATION DATE: 11-06-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: SEARS/MEHLHORN |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|--|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <div style="margin-left: 5px; font-size: small;"> 25 21 24 </div> </div> </div> | | | <p>...PIDs: 10.6 eV = 0.8 ppmV, 11.7 eV = 2.0 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 21.0 FEET</p> | | | | | | |

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 SRC1-AK22

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98748, N: 36.05323 | EXPLORATION DATE: 11-17-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: WIKTOR/BRINKERHOFF |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | <p>Yellowish brown (10.5 YR 6.4) poorly graded silty SAND, few gravel, dry and medium dense. Weak reaction to hydrochloric acid. PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.1 ppmV.</p> <p>...with gravel.</p> <p>...moist.</p> <p>...moist and very dense. Strong reaction to hydrochloric acid.</p> <p>...PIDs: 10.6 eV = 2.5 ppmV, 11.7 eV = 1.8 ppmV.</p> <p>...1.5 inch basalt gravel</p> | | | | | | |

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 SRC1-AK23

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98391, N: 36.5323 | EXPLORATION DATE: 11-06-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: SEARS/MEHLHORN |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|--|---|------|-----------------------------------|----|----|-------------------------|----------------------|--------------|---------------------------------|
|  |  | | <p>END OF BORING AT 17.0 FEET</p> | | | | | | |

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 SRC1-AK25

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98103, N: 36.05370
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-10-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/BRINKERHOFF

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | <p>Yellowish brown poorly graded silty SAND with gravel, dry and medium dense.</p> <p>...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 2.0 ppmV.</p> <p>...reddish brown.</p> <p>...gravel content increases to approximately 20 percent.</p> <p>...dense.</p> <p>...PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 2.4 ppmV.</p> | | | | | | |
| | | | 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 SRC1-AK26

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.97963, N: 36.05319 | EXPLORATION DATE: 11-07-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/BRINKERHO |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|------------------------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>9 14 17</p> <p>33 40</p> | <p>SP-SM</p> <p>SM</p> | <p>Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense.</p> <p>...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 1.6 ppmV.</p> <p>Reddish yellow silty SAND with gravel, moist and dense.</p> <p>...few gravel.</p> <p>...reddish brown</p> <p>...PIDs: 10.6 eV = 1.1 ppmV, 11.7 eV = 1.2 ppmV.</p> <p>...reddish yellow.</p> <p style="text-align: center;">END OF BORING AT 13.0 FEET</p> | | | | | | |

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 SRC1-AK27

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97827, N: 36.05344
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-12-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|----------------------------|---|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>6 9 15</p> <p>44 39 49</p> <p>38 39 50/5</p> | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense. PID: 11.7 eV = 2.2 ppmV.</p> <p>...moist.</p> <p>...very dense. PID: 11.7 eV = 2.9 ppmV.</p> <p>...with gravel.</p> <p>...few gravel.</p> <p>...PID: 11.7 eV = 4.5 ppmV.</p> | | | | | | |
| 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 SRC1-AK28

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97670, N: 36.05314
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11/14/2008
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/BRINKERHOFF

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| 0 | | | | | | | | | |
| 0 | 11 10 11 | SP-SM | Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense. PIDs: 10.6 eV = 1.9 ppmV, 11.7 eV = 0.9 ppmV. | | | | | | |
| 2.5 | | | | | | | | | |
| 5 | | | ...reddish brown. ...with gravel. | | | | | | |
| 7.5 | | | | | | | | | |
| 10 | | | ...very dense. | | | | | | |
| 12.5 | 10 25 36 | | ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = ppmV. | | | | | | |
| 14.0 | | | END OF BORING AT 14.0 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 SRC1-AL22

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98536, N: 36.05392
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-11-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 6 10 14 8 14 18 | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense.</p> <p>PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 1.6 ppmV.</p> <p>...reddish brown.</p> <p>...PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 2.1 ppmV.</p> <p>...dense.</p> | | | | | | |

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 SRC1-AL22

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98536, N: 36.05392 | EXPLORATION DATE: 11-11-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/BRINKERHO |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...PIDs: 10.6 eV = 8.6 ppmV, 11.7 eV = 1.8 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 20.0 FEET</p> | | | | | | |

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 SRC1-AL23

| | |
|---|---|
| PROJECT: <u>SOUTHERN RIBS SUB AREA</u> | PROJECT NO.: <u>20082426V1</u> |
| BORING LOCATION: <u>W: -114.98366, N: 36.05420</u> | EXPLORATION DATE: <u>11-06-08</u> |
| EXPLORATION SIZE (dia.): <u>6" O.D. H.S. AUGERS</u> | EQUIPMENT: <u>DIEDRICH D-50 TRACK RIG</u> |
| ELEVATION: <u>EXISTING GROUND SURFACE</u> | LOGGED BY: <u>SEARS/MEHLHORN</u> |

| | |
|--|--------------------------|
| INITIAL DEPTH TO WATER: <u>NOT ENCOUNTERED</u> | DATE MEASURED: <u>NA</u> |
| FINAL DEPTH TO WATER: <u>NOT ENCOUNTERED</u> | DATE MEASURED: <u>NA</u> |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>8 11 23</p> <p>23 41 41</p> | SM | <p>Olive brown silty SAND with gravel, dry and loose.</p> <p>...PIDs: 10.6 eV = 0.8 ppmV, 11.7 eV = 0.7 ppmV.</p> <p>...reddish brown, few gravel, moist and dense.</p> <p>...PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 0.2 ppmV.</p> | | | | | | |
| | | | 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 SRC1-AL24

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98252, N: 36.05434
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-06-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|-----------------------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>18 30 32</p> <p>21 31 37</p> | <p>FILL</p> <p>SM</p> | <p>Very pale brown silty SAND with gravel, dry. ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.</p> <p>Reddish brown silty SAND with gravel, moist and dense.</p> | | | | | | |

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 SRC1-AL24

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98252, N: 36.05434
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-06-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 18 24 25 | | <p>...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.0 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 21.0 FEET</p> | | | | | | |

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 SRC1-AL25

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98051, N: 36.05455 | EXPLORATION DATE: 11-10-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: SEARS/BRINKERHOFF |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>3 11 20</p> <p>8 21 20</p> | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, dry.</p> <p>...PIDs: 10.6 eV = 28.9 ppmV, 11.7 eV = 13.3 ppmV.</p> <p>...with gravel.</p> <p>...reddish yellow.</p> <p>...dense.</p> <p>...PIDs: 10.6 eV = 2.3 ppmV, 11.7 eV = 6.8 ppmV.</p> <p style="text-align: center;">END OF BORING AT 14.0 FEET</p> | | | | | | |

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 SRC1-AL28

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97734, N: 36.05449
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-12-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 12 14 16 18 10 6 7 14 23 20 | SP-SM | Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense. ...moist. PID: 11.7 eV = 3.1 ppmV. ...PID: 11.7 eV = 4.5 ppmV. ...reddish brown. ...dense. ...PID: 11.7 eV = 2.9 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 SRC1-AL28

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.97734, N: 36.05449 | EXPLORATION DATE: 11-12-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/BRINKERHO |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|-----------------------------------|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>END OF BORING AT 17.0 FEET</p> | | | | | | |

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.

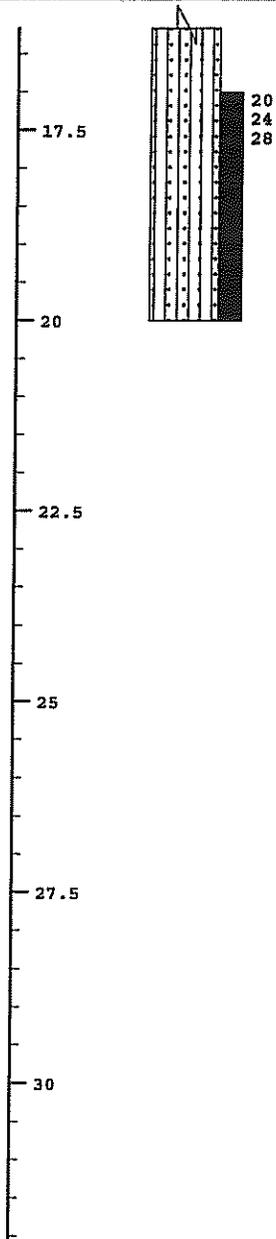
EXPLORATION LOG SRC1-AM24

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98238, N: 36.05491
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-11-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|--|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
|  | | | <p>...dense.</p> <p>...PIDs: 10.6 eV = 2.2 ppmV, 11.7 eV = 1.5 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 20.0 FEET</p> | | | | | | |

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 SRC1-AM25

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98121, N: 36.05500
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-13-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|----------------------------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense. Weak reaction to hydrochloric acid.</p> <p>...PIDs: 10.6 eV = 0.3 ppmV, 11.7 eV = 1.7 ppmV.</p> | | | | | | |
| | | SP-SM | <p>Brown, poorly graded silty SAND with gravel, moist and very dense.</p> <p>...PIDs: 11.7 eV = 2.7 ppmV.</p> | | | | | | |
| | | 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 SRC1-AM26

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97953, N: 36.05560
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-10-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/BRINKERHOFF

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p style="text-align: center;">3 9 1.1</p> <p style="text-align: center;">20 29 50</p> | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, dry and medium dense.</p> <p>...PIDs: 10.6 eV = 9.2 ppmV, 11.7 eV = 1.2 ppmV.</p> <p>...reddish brown, with gravel.</p> <p>...PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 1.5 ppmV.</p> <p>...very dense.</p> | | | | | | |
| | | | 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 SRC1-AM27

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97869, N: 36.05490
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-10-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/BRINKERHOFF

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) | |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|--|
| | | SM | <p>Yellowish brown silty SAND, few gravel, trace cobbles, dry and medium dense.</p> <p>...PIDs: 10.6 eV = 2.6 ppmV, 11.7 eV = 1.0 ppmV. ...dense. 6 inch thick layer of black carboniferous material (asphalt). ...PIDs: 10.6 eV = 0.0 ppmV, 11.7 eV = 0.0 ppmV.</p> <p>...brown, moist.</p> <p>...with gravel.</p> <p>...reddish brown.</p> <p>...very dense with a 2.0 inch diameter dacite clast. ...PIDs: 10.6 eV = 2.0 ppmV, 11.7 eV = 0.9 ppmV.</p> | | | | | | | |
| | | | 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 SRC1-AM28

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97729, N: 36.05540
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-12-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, dry and dense.</p> <p>...PIDs: 10.6 eV = 5.2 ppmV, 11.7 eV = 2.3 ppmV.</p> <p>...moist.</p> <p>...very dense. Black carbonaceous material in 4 inch thick layer. ...PID: 11.7 eV = 3.5 ppmV.</p> <p>...reddish brown.</p> | | | | | | |

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 SRC1-AM28

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97729, N: 36.05540
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-12-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|------------------------------------|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...PID: 11.7 eV = 2.1 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 20.0 FEET</p> | | | | | | |

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 SRC1-AN26

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97988, N: 36.05591
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-10-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: SEARS/BRINKERHOFF

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 7 9 11 20 21 32 27 50/5 15 | SP-SM | <p>Yellowish brown poorly graded silty SAND with gravel, dry and medium dense.</p> <p>...PIDs: 10.6 eV = 2.5 ppmV, 11.7 eV = 0.8 ppmV.</p> <p>...reddish brown, moist and dense with iron oxidation stains.</p> <p>...PIDs: 10.6 eV = 6.8 ppmV, 11.7 eV = 0.9 ppmV.</p> <p>...with gravel.</p> <p>...very dense</p> <p>...PIDs: 10.6 eV = 1.5 ppmV, 11.7 eV = 1.4 ppmV.</p> <p style="text-align: center;">END OF BORING AT 15.5 FEET</p> | | | | | | |

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 SRC1-AN27

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.97842, N: 36.05610
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-12-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|----------------------------|--|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 11 27 39 18 28 40 12 14 13 | SP-SM | Yellowish brown poorly graded silty SAND, few gravel, dry and very dense. ...moist. PIDs: 10.6 eV = 0.9 ppmV, 11.7 eV = 2.3 ppmV. ...PIDs: 10.6 eV = 4.8 ppmV, 11.7 eV = 2.0 ppmV. ...with gravel. ...few gravel. ... medium dense. ...PIDs: 10.6 eV = 4.1 ppmV, 11.7 eV = 3.1 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 SRC1-AN28

PROJECT: SOUTHERN RIBS SUB AREA
BORING LOCATION: W: -114.97690, N: 36.05589
EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
EXPLORATION DATE: 11-12-08
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | Yellowish brown poorly graded silty SAND with gravel, trace cobbles, dense and dry. ...PID: 11.7 eV = 2.8 ppmV. ...moist. ...few gravel. ...PID: 11.7 eV = 2.8 ppmV. | | | | | | |
| | | | 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 SRC1-J01

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98946, N: 36.05234
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-03-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>9 12 7</p> <p>25 25 21</p> | SM | <p>Brownish yellow silty SAND with gravel, dry and medium dense. ...10.6 eV = 0.0 ppmV, 11.7 eV = 0.2 ppmV. ...moist.</p> <p>...PIDs: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.2 ppmV. ...cobble (basalt) in sample.</p> | | | | | | |
| | | | 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 SRC1-J02

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98896, N: 36.05228
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-05-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 7 9 16 10 10 13 19 21 23 | SM | <p>Brownish gray silty SAND, few gravel, dry and loose. ...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.4 ppmV. ...reddish yellow, moist and medium dense.</p> <p>...PIDs: 10.6 eV = 0.2 ppmV, 11.7 eV = 0.5 ppmV.</p> <p>...gravel clasts have gypsum/carbonate coatings.</p> <p>...PIDs: 10.6 eV = 1.2 ppmV, 11.7 eV = 1.7 ppmV.</p> | | | | | | |
| | | | 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 SRC1-J03

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98843, N: 36.05285
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-05-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SM | <p>Light grey silty SAND with gravel, dry and loose. ...PIDs: 10.6 eV = 9.5 ppmV, 11.7 eV = 1.4 ppmV. ...reddish yellow, moist and medium dense.</p> <p>...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 2.0 ppmV.</p> <p>...PIDs: 10.6 eV = 1.4 ppmV, 11.7 eV = 2.0 ppmV.</p> | | | | | | |

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.

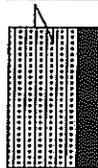
EXPLORATION LOG SRC1-J03

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98843, N: 36.05285
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-05-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|--|---|------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
|  |  | | <p>...dense.</p> <hr/> <p style="text-align: center;">END OF BORING AT 18.0 FEET</p> | | | | | | |

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 SRC1-J04

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98663, N: 36.05341
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-05-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/MEHLHORN

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...reddish yellow.</p> <p>...PIDs: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.3 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 22.0 FEET</p> | | | | | | |

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 SRC1-J05

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98395, N: 36.05443
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-11-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|----------------------------|--|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | 5 8 13 12 19 17 16 22 24 | SP-SM | <p>Yellowish brown poorly graded silty SAND with gravel, dry and medium dense. PIDs: 10.6 eV = 2.7 ppmV, 11.7 eV = 1.6 ppmV.</p> <p>...moist.</p> <p>...dense. PIDs: 10.6 eV = 0.5 ppmV, 11.7 eV = 0.5 ppmV.</p> <p>...reddish brown.</p> <p>...6 inch thick layer of cobbles.</p> <p>...PIDs: 10.6 eV = 4.2 ppmV, 11.7 eV 1.4 ppmV.</p> | | | | | | |
| 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.

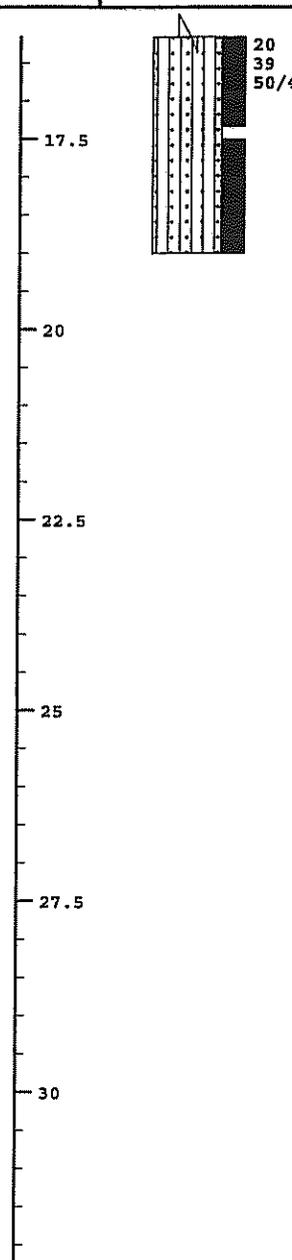
EXPLORATION LOG SRC1-J06

PROJECT: SOUTHERN RIBS SUB AREA
 BORING LOCATION: W: -114.98206, N: 36.05514
 EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
 ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
 EXPLORATION DATE: 11-11-08
 EQUIPMENT: DIEDRICH D-50 TRACK RIG
 LOGGED BY: MARTINEZ/BRINKERHO

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

DATE MEASURED: NA
 DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|--|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
|  | | | <p>...PIDs: 10.6 eV = 1.3 ppmV, 11.7 eV = 0.9 ppmV.</p> | | | | | | |
| | | | <p>END OF BORING AT 19.0 FEET</p> | | | | | | |

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 SRC1-J07

| | |
|---|---|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.98106, N: 36.05291 | EXPLORATION DATE: 11-07-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: MARTINEZ/BRINKERHO |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p style="margin: 0;">8 9 13</p> <p style="margin: 0;">18 31 32</p> | SP-SM | <p>Reddish brown poorly graded silty SAND with gravel, moist and medium dense.</p> <p>...PIDs: 10.6 eV = 1.0 ppmV, 11.7 eV = 2.0 ppmV.</p> <p>...few gravel, dense.</p> <p>...PIDs: 10.6 eV = 2.8 ppmV, 11.7 eV = 1.7 ppmV.</p> | | | | | | |
| | | | END OF BORING AT 13.0 FEET | | | | | | |

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EXPLORATION LOG SRC1-J11

PROJECT: SOUTHERN RIBS SUB AREA
BORING LOCATION: W: -114.97814, N: 36.05447
EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS
ELEVATION: EXISTING GROUND SURFACE

PROJECT NO.: 20082426V1
EXPLORATION DATE: 11/14/2008
EQUIPMENT: DIEDRICH D-50 TRACK RIG
LOGGED BY: SEARS/BRINKERHOFF

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

DATE MEASURED: NA
DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|---|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>26 20 30</p> <p>34 50/6 42</p> | SP-SM | <p>Yellowish brown, poorly graded silty SAND, few gravel, dry and dense. PIDs: 10.6 eV = 3.9 ppmV, 11.7 eV = 0.8 ppmV.</p> <p>...with gravel.</p> <p>...very dense.</p> <p>...PIDs: 10.6 eV = 3.2 ppmV, 11 eV = 1.4 ppmV.</p> | | | | | | |

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EXPLORATION LOG SRC1-J11

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.97814, N: 36.05447 | EXPLORATION DATE: 11/14/2008 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: SEARS/BRINKERHOFF |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | | <p>...few gravel.</p> <p>...dense.</p> <p>...PIDs: 10.6 eV = 0.0, 11.7 eV = 0.0.</p> <p>...very dense.</p> <p>...wet.</p> | | | | | | |
| | | | 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 SRC1-J13

PROJECT: SOUTHERN RIBS SUB AREA

PROJECT NO.: 20082426V1

BORING LOCATION: W: -114.97778, N: 36.05496

EXPLORATION DATE: 11-12-08

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

EQUIPMENT: DIEDRICH D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/BRINKERHO

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|----------------------------|--|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>9 11 13</p> <p>20 24 38</p> <p>13 22 32</p> | SP-SM | <p>Yellowish brown, poorly graded silty SAND, few gravel, dry and medium dense. PIDs: 11.7 eV = 1.4 ppmV.</p> <p>...moist.</p> <p>...PIDs: 11.7 eV = 2.6 ppmV.</p> <p>...very dense.</p> <p>...reddish brown</p> <p>...dense.</p> <p>...PIDs: 11.7 eV = 2.7 ppmv.</p> | | | | | | |
| 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 SRC1-J14

| | |
|--|------------------------------------|
| PROJECT: SOUTHERN RIBS SUB AREA | PROJECT NO.: 20082426V1 |
| BORING LOCATION: W: -114.97728, N: 36.05309 | EXPLORATION DATE: 11-13-08 |
| EXPLORATION SIZE (dia.): 6" O.D. H.S. AUGERS | EQUIPMENT: DIEDRICH D-50 TRACK RIG |
| ELEVATION: EXISTING GROUND SURFACE | LOGGED BY: Martinez/Brinkerho |
| INITIAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |
| FINAL DEPTH TO WATER: NOT ENCOUNTERED | DATE MEASURED: NA |

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--------------------------|-------|---|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | | SP-SM | <p>Yellowish brown poorly graded silty SAND with gravel, trace cobbles, dry, and very dense. PIDs: 11.7 eV = 0.4 ppmV, 10.6 eV = 4.0 ppmV.</p> <p>...moist.</p> <p>...few gravel.</p> <p>...with gravel. ...very dense. PIDs: 11.7 eV = 0.8 ppmV, 10.6 eV = 4.1 ppmV.</p> | | | | | | |
| | | | END OF BORING AT 15.0 FEET | | | | | | |

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EXPLORATION LOG SRC1-J15

PROJECT: SOUTHERN RIBS SUB AREA

PROJECT NO.: 20082426V1

BORING LOCATION: W: -114.97688, N: 36.05538

EXPLORATION DATE: 11-12-08

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

EQUIPMENT: DIEDRICH D-50 TRACK RIG

ELEVATION: EXISTING GROUND SURFACE

LOGGED BY: MARTINEZ/BRINKERHO

INITIAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

FINAL DEPTH TO WATER: NOT ENCOUNTERED

DATE MEASURED: NA

| ELEVATION/ DEPTH | SOIL & SAMPLE SYMBOLS | USCS | DESCRIPTION | PI | LL | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | SWELL (%) | POCKET PENETROMETER (tsf) |
|---------------------|--|-------|--|----|----|-------------------------|----------------------|--------------|---------------------------------|
| | <p>9 10 12</p> <p>33 44 47</p> | SP-SM | <p>Yellowish brown poorly graded silty SAND, few gravel, moist and medium dense. PID: 11.7 eV = 4.6 ppmV.</p> <p>...reddish brown.</p> <p>...with gravel.</p> <p>...few gravel.</p> <p>...very dense.</p> <p>...wet.</p> | | | | | | |
| | | | END OF BORING AT 15.0 FEET | | | | | | |

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ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

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

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

FED EX #: 8653 4544 1460
 Date: 10/1/08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Kristie Pittman
 Monty Mehlhorn

ANALYSIS REQUEST

PROJECT NAME: BRC SOUTHERN RIBS SUB-AREA SOIL SAMPLING
 PROJECT NUMBER: 20082426V1

| SAMPLE ID | DATE | TIME | Container | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/ NaOH | Asbestos Indicator Method 540 | Percent Moisture |
|-----------|---------|-------|-----------|------|-----|------|---------------|------|--------|-------|------|-----|------|---------------|----------------------------------|------------------|
| | | | EDTA | NaOH | HCl | NaOH | ZnAc/ NaOH | EDTA | | | | | | | | |
| SRC1-A17A | 10-1-08 | 10:53 | X | | | | | | | | | | | | | |
| SRC1-A17B | 10-1-08 | 10:53 | X | | | | | | | | | | | | | |
| SRC1-A17C | 10-1-08 | 11:00 | X | | | | | | | | | | | | | |
| SRC1-A17D | 10-1-08 | 11:10 | X | | | | | | | | | | | | | |
| SRC1-A17E | 10-1-08 | 11:17 | X | | | | | | | | | | | | | |
| SRC1-A17F | 10-1-08 | 11:21 | X | | | | | | | | | | | | | |
| SRC1-A17G | 10-1-08 | 11:29 | X | | | | | | | | | | | | | |
| SRC1-A17H | 10-1-08 | 11:36 | X | | | | | | | | | | | | | |
| SRC1-A17I | 10-1-08 | 11:50 | X | | | | | | | | | | | | | |
| SRC1-A17J | 10-1-08 | 11:56 | X | | | | | | | | | | | | | |

Comments/Instructions:

RELINQUISHED BY: Monty Mehlhorn
 RECEIVED BY: Fed Ex # 8653 4544 1460
 RELINQUISHED BY:
 RECEIVED BY:

Signature: Monty Mehlhorn
 Print Name: Monty Mehlhorn
 Company Name/Title: GES/Geologist
 Date: 10-1-08 1700
 Date: 10-1-08 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-Albelawi
 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 #: 8653 4544 1460 Date: 10/1/08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Kristie Pitman
Monty Mehler

PROJECT NAME: BRC SOUTHERN RIBS SUB-AREA SOIL SAMPLING
 PROJECT NUMBER: 20082426V1

| SAMPLE ID | DATE | TIME | Container | | | | | | | Asbestos Elutriator Method 540 | Percent Moisture |
|-------------|---------|-------|-----------|-------|------|-----|------|-----------|-----|-----------------------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | |
| SRC1-AN28-A | 10-1-08 | 12:00 | X | | | | | | | X | |
| SRC1-AN28-B | 10-1-08 | 12:00 | X | | | | | | | X | |
| SRC1-AN27-A | 10-1-08 | 12:10 | X | | | | | | | X | |
| SRC1-AN27-B | 10-1-08 | 12:10 | X | | | | | | | X | |
| SRC1-AN28A | 10-1-08 | 12:10 | X | | | | | | | X | |
| SRC1-AN28B | 10-1-08 | 12:10 | X | | | | | | | X | |
| SRC1-AN28C | 10-1-08 | 12:10 | X | | | | | | | X | |
| SRC1-AN28D | 10-1-08 | 12:10 | X | | | | | | | X | |
| SRC1-AN28-A | 10-1-08 | 12:57 | X | | | | | | | X | |
| SRC1-AN28-B | 10-1-08 | 12:57 | X | | | | | | | X | |
| SRC1-AN28-A | 10-1-08 | 12:57 | X | | | | | | | X | |
| SRC1-AN28-B | 10-1-08 | 12:57 | X | | | | | | | X | |

Comments/Instructions:

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

RECEIVED BY: *Fed Ex # 8653 4544 1460* Date: *10-1-08 1700*

RECEIVED BY: *Fed Ex* Date: *10-1-08 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
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 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 #: 8653 4544 1460 Date: 10-1-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Vinise Pitman
Monty Mehlorh Monty Mehlorh

PROJECT NAME: BRC SOUTHERN RIBS SUB-AREA SOIL SAMPLING
 PROJECT NUMBER: 20082426V1

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | Asbestos Elutator Method 540 | Percent Moisture |
|------------|---------|-------|-----------|--|--|--|--|--|--------|-------|------|-----|------|-----------|-----|------------------------------|------------------|
| | | | | | | | | | | | | | | | | | |
| SRC1-AN1-B | 10-1-08 | 13:19 | | | | | | | X | | | | | | | X | |
| SRC1-AN2-A | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-B | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-A | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-B | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-A | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-B | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-A | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-B | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-A | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |
| SRC1-AN1-B | 10-1-08 | 13:21 | | | | | | | X | | | | | | | X | |

Comments/Instructions:

RELINQUISHED BY: *Monty Mehlorh* Signature: _____ Print Name: _____
 RECEIVED BY: *Fed Ex 8653 4544 1460* Date: 10-1-08 / 1400
 RELINQUISHED BY: _____ Date: 10-1-08 / 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
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 Contact: Stephen Siegel
 Address: 107 Haddon Avenue
 Westmont, NJ 08108
 Phone: 1-800-220-3675, ext. 1209

FED EX #: 8653 1231 2069

SAMPLER(S) PRINTED NAME AND SIGNATURE

Vyishie Pitman
Monty Mehlhorn / Monty Mehlhorn

Date: 10/2/08

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Unpres | Container | | | | | | | Asbestos Eurlator Method 540 | Percent Moisture | |
|-------------|---------|------|--------|-----------|------|-----|------|-----------|-----|--|------------------------------|------------------|--|
| | | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | |
| SRC1-A171-A | 10/2/08 | 0747 | X | | | | | | | | | | |
| SRC1-A171-B | 10/2/08 | 0747 | X | | | | | | | | | | |
| SRC1-A176-A | 10/2/08 | 0803 | X | | | | | | | | | | |
| SRC1-A175-B | 10/2/08 | 0803 | X | | | | | | | | | | |
| SRC1-A175-A | 10/2/08 | 0804 | X | | | | | | | | | | |
| SRC1-A175-B | 10/2/08 | 0824 | X | | | | | | | | | | |
| SRC1-A174-A | 10/2/08 | 0835 | X | | | | | | | | | | |
| SRC1-A174-B | 10/2/08 | 0825 | X | | | | | | | | | | |
| SRC1-A174-A | 10/2/08 | 0845 | X | | | | | | | | | | |
| SRC1-A174-B | 10/2/08 | 0845 | X | | | | | | | | | | |

Comments/Instructions:

Signature:

RELINQUISHED BY: *Monty Mehlhorn*

RECEIVED BY: Fed Ex # 8653 1231 2069

Print Name:

Monty Mehlhorn

Company Name/Title:

GES/Geologist
Fed Ex

Date:

10-2-08/700

10-2-08/700

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 #: 8653 / 1231 2069 Date: 10/2/08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Kastie Pitman
Monty Mehlhorn/Monty Mellan

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Unpres | Container | | | | | | Asbestos Elutriator Method 540 | Percent Moisture | | |
|--------------|---------|------|--------|-----------|------|-----|------|------|------|--------------------------------|------------------|-----|--|
| | | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc | NaOH | | | EDA | |
| SKC1-A124-FD | 10/1/08 | 0845 | X | | | | | | | | | | |
| SKC1-A123-A | 10/2/08 | 0851 | X | | | | | | | | | | |
| SKC1-A123-B | 10/2/08 | 0854 | X | | | | | | | | | | |
| SKC1-A122-A | 10/2/08 | 0904 | X | | | | | | | | | | |
| SKC1-A122-B | 10/2/08 | 0914 | X | | | | | | | | | | |
| SKC1-A123-A | 10/2/08 | 0912 | X | | | | | | | | | | |
| SKC1-A123-B | 10/2/08 | 0912 | X | | | | | | | | | | |
| SKC1-A124-A | 10/2/08 | 0931 | X | | | | | | | | | | |
| SKC1-A124-B | 10/2/08 | 0931 | X | | | | | | | | | | |
| SKC1-A124-A | 10/2/08 | 0937 | X | | | | | | | | | | |

Comments/Instructions:

RELINQUISHED BY: *Monty Mehlhorn* Signature: _____ Print Name: *Monty Mehlhorn*
 RECEIVED BY: *Fed Ex # 8653 1231 2069* Date: *10-2-08/1700*
 RECEIVED BY: _____ Date: *10-2-08/1700*
 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 #: 8653 1231 2069 Date: 10/2/08

SAMPLER(S) PRINTED NAME AND SIGNATURE

KASHA PRITHVI VANKAR PRITHVI
Marty Mehlhorn Marty Mehlhorn

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | Asbestos Elutriator Method 540 | Percent Moisture |
|--------------|---------|------|-----------|------|-----|------|-----------|-----|---|--------|-------|------|-----|------|-----------|-----|--------------------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | | | | | | | |
| SRC1-AK21-A | 10/2/08 | 1033 | | | | | | | X | | | | | | | | X | X |
| SRC1-AK21-B | 10/2/08 | 1033 | | | | | | | X | | | | | | | | X | X |
| SRC1-AK21-ED | 10/2/08 | 1033 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ20-A | 10/2/08 | 1113 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ20-B | 10/2/08 | 1113 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ17-A | 10/2/08 | 1132 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ17-B | 10/2/08 | 1132 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ18-A | 10/2/08 | 1143 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ18-B | 10/2/08 | 1143 | | | | | | | X | | | | | | | | X | X |
| SRC1-AJ19-A | 10/2/08 | 1150 | | | | | | | X | | | | | | | | X | X |

Comments/Instructions: 1550 11-10-2008

RELINQUISHED BY: Marty Mehlhorn Signature: _____ Print Name: Marty Mehlhorn
 RECEIVED BY: Fed Ex 8653 1231 2069 Company Name/Title: GES/Geologist Date: 10-2-08 1700
 RELINQUISHED BY: _____ Fed Ex Date: 10-2-08 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 #: **8653** / **1231** **2069**

SAMPLER(S) PRINTED NAME AND SIGNATURE

Kristie Phiman *Kristie Phiman*

ANALYSIS REQUEST

Date: **10/2/08**

PROJECT NAME: **BRC SOUTHERN RIBS SUB-AREA SOIL SAMPLING**

PROJECT NUMBER: **20082426V1**

| SAMPLE ID | DATE | TIME | Container | | | | | | Asbestos Elutriator Method 640 | Percent Moisture |
|---------------------|----------------|-------------|-----------|-------|------|-----|------|-----------|--------------------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | | |
| <i>SVC1-A118-A</i> | <i>10-2-08</i> | <i>1447</i> | <i>X</i> | | | | | | <i>X</i> | <i>X</i> |
| <i>SVC1-A118-B</i> | <i>10-2-08</i> | <i>1447</i> | <i>X</i> | | | | | | <i>X</i> | <i>X</i> |
| <i>SVC1-A118-A</i> | <i>10-2-08</i> | <i>1457</i> | <i>X</i> | | | | | | <i>X</i> | <i>X</i> |
| <i>SVC1-B118-B</i> | <i>10-2-08</i> | <i>1457</i> | <i>X</i> | | | | | | <i>X</i> | <i>X</i> |
| <i>SVC1-A118-PP</i> | <i>10-2-08</i> | <i>1457</i> | <i>X</i> | | | | | | <i>X</i> | <i>X</i> |

Comments/Instructions:

Signature:

RELINQUISHED BY: *Misty Delthorn*

RECEIVED BY: *Fed Ex # 8653* / *1231* / *2069*

RELINQUISHED BY:

RECEIVED BY:

Print Name:

Misty Delthorn

Company Name/Title:

GES Geologist
Fed Ex

Date:

10-2-08 / *17:00*
10-2-08 / *17:00*

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 #: 8479/506 443Z

SAMPLER(S) PRINTED NAME AND SIGNATURE

Kristic PHAMAN
 Monty Mehler

Date: 10-3-08

ANALYSIS REQUEST

PROJECT NAME: BRC SOUTHERN RIBS SUB-AREA SOIL SAMPLING
 PROJECT NUMBER: 20082426V1

| SAMPLE ID | DATE | TIME | Container | | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/ NaOH | EDA | Asbestos Elutriator Method 540 | Percent Moisture |
|------------|---------|------|-----------|--|--|--|--|--|--|--------|-------|------|-----|------|---------------|-----|-----------------------------------|------------------|
| | | | | | | | | | | | | | | | | | | |
| SRC1-A11-A | 10-3-08 | 0851 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-B | 10-3-08 | 0851 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-A | 10-3-08 | 0903 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-B | 10-3-08 | 0903 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-A | 10-3-08 | 0910 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-B | 10-3-08 | 0910 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-A | 10-3-08 | 0923 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-B | 10-3-08 | 0923 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-A | 10-3-08 | 0931 | | | | | | | | X | | | | | | | X | |
| SRC1-A11-B | 10-3-08 | 0931 | | | | | | | | X | | | | | | | X | |

Comments/Instructions:

| | | |
|--|---------------------|--|
| RELINQUISHED BY: <i>Monty Mehler</i> | Signature: | Print Name: |
| RECEIVED BY: <i>Fed Ex # 8479/506 443Z</i> | <i>Monty Mehler</i> | <i>Monty Mehler</i> |
| RELINQUISHED BY: | | Company Name/Title: <i>GES/Geologist</i> |
| RECEIVED BY: | | Date: <i>10-6-08 1700</i> |
| | | <i>FedEx</i> |
| | | Date: <i>10-6-08 1700</i> |

For Lab Use Only: Sample Condition Upon Receipt:

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

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

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

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

FED EX #: 8779 1506 4432 Date: 10-3-08
 SAMPLER(S) PRINTED NAME AND SIGNATURE

Kristie Pihman
Monty Melhorn

PROJECT NAME: **BRC SOUTHERN RIBS SUB-AREA SOIL SAMPLING**
 PROJECT NUMBER: **20082426V1**

| SAMPLE ID | DATE | TIME | Container | | | | | | | | |
|---------------|---------|------|-----------|-------|------|-----|------|-----------|-----|--|--|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | |
| SKC1-A6110-FD | 10-3-08 | 0931 | X | | | | | | | | |
| SKC1-A6110-A | 10-3-08 | 0952 | X | | | | | | | | |
| SKC1-A6110-B | 10-3-08 | 0952 | X | | | | | | | | |

ANALYSIS REQUEST

| Asbestos Elutriator Method 540 | Percent Moisture | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| X | X | | | | | | | | | | | | | | | | | | | | |

Comments/Instructions:

RELINQUISHED BY: *Monty Melhorn* Signature: _____ Print Name: _____
 RECEIVED BY: *FedEx # 8479 1506 4432* Date: 10-6-08 1700
 RELINQUISHED BY: _____ Date: 10-6-08 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 #: 8653 1231 2183 Date: 10-31-08

SAMPLER(S) PRINTED NAME AND SIGNATURE
Mandy Melhorn

| SAMPLE ID | DATE | TIME | Container | | | | | | RADIONUCLIDES* by EPA 314.0 | SVOCS* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|----------------|----------|------|-----------|------|-----|------|---------|-----|--------------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | Zn/NaOH | EDA | | | | |
| SRC1-AG16-0 | 10-31-08 | 0729 | Zs/ | | | | | | | | | |
| SRC1-AG16-11 | 10-31-08 | 0750 | Zs/ | | | | | | | | | |
| SRC1-AG17-0 | 10-31-08 | 0825 | Zs/ | | | | | | | | | |
| SRC1-AG17-11 | 10-31-08 | 0840 | Zs/ | | | | | | | | | |
| SRC1-AG18-0 | 10-31-08 | 0905 | Zs/ | | | | | | | | | |
| SRC1-AG18-11 | 10-31-08 | 0920 | Zs/ | | | | | | | | | |
| SRC1-AH18-0 | 10-31-08 | 0945 | Zs/ | | | | | | | | | |
| SRC1-AH18-11 | 10-31-08 | 1007 | Zs/ | | | | | | | | | |
| SRC1-AH19-0 | 10-31-08 | 1035 | Zs/ | | | | | | | | | |
| SRC1-AH19-0-FD | 10-31-08 | 1035 | Zs/ | | | | | | | | | |

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| RELINQUISHED BY: | Signature: | Print Name: | Company Name/Title: | Date: | Time: |
|------------------|-----------------------|----------------|---------------------|----------|-------|
| RECEIVED BY: | <i>Mandy Melhorn</i> | Mandy Melhorn | GEL/Geologist | 10-31-08 | 1430 |
| RECEIVED BY: | <i>Richard Coakle</i> | Richard Coakle | GEL/Geologist | 10-31-08 | 1830 |
| RECEIVED BY: | <i>Richard Coakle</i> | Richard Coakle | GEL/Geologist | 10-31-08 | 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

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

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 #: 8654 5042 3029

SAMPLER(S) PRINTED NAME AND SIGNATURE

Marty Melhorn / Monte Meddian / Kristie Phnan / White Phnan

Date: 10-31-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

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/602017471A/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 | |
| SRC1-AG16-0 | 10-31-08 | 0729 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AG16-11 | 10-31-08 | 0750 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AG17-0 | 10-31-08 | 0825 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AG17-11 | 10-31-08 | 0840 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AG18-0 | 10-31-08 | 0905 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AG18-11 | 10-31-08 | 0920 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AH18-0 | 10-31-08 | 0945 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AH18-11 | 10-31-08 | 1007 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AH19-0 | 10-31-08 | 1035 | /s/ | | | | | | | | | | | | | | | | | | | | |
| SRC1-AH19-0-FD | 10-31-08 | 1035 | /s/ | | | | | | | | | | | | | | | | | | | | |

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>Marty Melhorn</i> | Signature: | Company Name/Title: | Date: | Time: |
| RECEIVED BY: <i>Kristie Phnan</i> | <i>Marty Melhorn</i> | <i>ES&C Geology</i> | <i>10/31/08</i> | <i>11:30</i> |
| RELINQUISHED BY: <i>Richard Carline</i> | <i>Richard Carline</i> | <i>ES&C Geology</i> | <i>10/31/08</i> | <i>14:30</i> |
| RECEIVED BY: <i>Fed Ex A/c Bill</i> | <i>Richard Carline</i> | <i>ES&C Geology</i> | <i>10/31/08</i> | <i>17:00</i> |

For Lab Use Only: Sample Condition Upon Receipt:
 ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

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

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

FED EX #: 8653 1231 2080 Date: 10-31-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mary Melhorn
 Kristie Korman

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | RADIONUCLIDES | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|--------------|----------|------|-----------|------|-----|------|-----------|-----|---------------|---------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | | |
| SRC1-AH19-10 | 10-31-08 | 1100 | 2s | | | | | | | | | | |
| SRC1-AI20-0 | 10-31-08 | 1150 | 2s | | | | | | | | | | |
| SRC1-AI20-10 | 10-31-08 | 1205 | 2s | | | | | | | | | | |
| SRC1-AI19-0 | 10-31-08 | 1230 | 2s | | | | | | | | | | |
| SRC1-AI19-6 | 10-31-08 | 1245 | 2s | | | | | | | | | | |
| SRC1-AI19-16 | 10-31-08 | 1300 | 2s | | | | | | | | | | |

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

Comments/Instructions:

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

| | | | | | |
|-------------------------------|-----------------------|--------------|---------------------|----------|-------|
| RELINQUISHED BY: Mary Melhorn | Signature: | Print Name: | Company Name/Title: | Date: | Time: |
| RECEIVED BY: Kristie Korman | <i>Mary Melhorn</i> | Mary Melhorn | GES/Geologist | 10/31/08 | 1430 |
| RELINQUISHED BY: Richard Cook | <i>Kristie Korman</i> | Richard Cook | GES/Geologist | 10/31/08 | 1430 |
| RECEIVED BY: Fed Ex | <i>Richard Cook</i> | Richard Cook | GES/Geologist | 10/31/08 | 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) 444-0070

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

FED EX #: 8 1 5 1 5 5 6 4 9 7 5

Date: 11-3-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mindy Melhorn / Kristie Pitman
 Mindy Melhorn / Kristie Pitman

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | | |
|----------------|---------|------|-----------|-------|------|-----|------|-----------|-----|--|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | |
| SRC1-AH16-0 | 11-3-08 | 0715 | 3s | | | | | | | |
| SRC1-AH16-11 | 11-3-08 | 0720 | 3s | | | | | | | |
| SRC1-AH15-0 | 11-3-08 | 0755 | 3s | | | | | | | |
| SRC1-AH15-0-FP | 11-3-08 | 0755 | 3s | | | | | | | |
| SRC1-AH15-1D | 11-3-08 | 0820 | 3s | | | | | | | |

ANALYSIS REQUEST

| IONS 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 ⁶ by EPA 8260B | Physical Parameters ³ | Percent Moisture |
|-------------------------------------|---|---|-------------------------------------|---|-------------------------------------|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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: *Kristie Pitman* Print Name: Kristie Pitman

| | | | |
|--|--|----------------------|-------------------|
| RELINQUISHED BY: <i>Kristie Pitman</i> | Company Name/Title: <i>TestAmerica</i> | Date: <i>11-3-08</i> | Time: <i>1700</i> |
| RECEIVED BY: <i>Prock</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 #: 861515565158

Date: 11-3-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Misty Melhorn
Kristie Pitman

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | EDTA | ZnAc/NaOH |
|--------------|---------|------|-----------|------|-----|------|--------|--------|------|-----------|
| | | | H2SO4 | HNO3 | HCl | NaOH | Unpres | Unpres | | |
| SRC1-A117-3 | 11-3-08 | 1155 | | | | | | | | |
| SRC1-A117-13 | 11-3-08 | 1215 | | | | | | | | |
| SRC1-A118-0 | 11-3-08 | 1236 | | | | | | | | |
| SRC1-A118-3 | 11-3-08 | 1245 | | | | | | | | |
| SRC1-A118-13 | 11-3-08 | 1300 | | | | | | | | |

| IONs ¹ by EPA 300.0 | Dioxins/Furans ² by EPA 8290 | Gen. Chem ³ (please see methods) | pH by EPA 8045C/9040B | METALS ⁴ by EPA Methods 6010B/6020/7471A/7470A | Hex chromium by EPA 7196A | OC Pesticides ⁵ by EPA 8081A | Aroclors ⁶ by EPA 8082 | Congeners ⁷ by EPA 1668 | Aldehydes ² by EPA 8315 | OCs ⁸ by EPA 8260B | Physical Parameters ⁹ | Percent Moisture |
|--------------------------------|---|---|-----------------------|---|---------------------------|---|-----------------------------------|------------------------------------|------------------------------------|-------------------------------|----------------------------------|------------------|
| X | X | X | X | X | X | X | X | X | X | X | X | X |

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

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: *Misty Melhorn* Signature: *Kristie Pitman* Print Name: *Kristie Pitman*
 RECEIVED BY: *Fedex 861515565158* Signature: *Fedex* Print Name: *Fedex*
 RELINQUISHED BY: *Fedex* Signature: *Fedex* Print Name: *Fedex*
 RECEIVED BY: *Fedex* Signature: *Fedex* Print Name: *Fedex*

Date: 11-3-08
 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 #: 8653 1231 2070

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Melhorn / *Melhorn*
 Kristie Pittman / *Pittman*

ANALYSIS REQUEST

Date: 11-3-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|---------------------------|---------|------|-----------|-------|------|-----|------|-----------|---------------------------|----------------|------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | | | | |
| SRC1-AH16-0 | 11-3-08 | 0715 | Zs | | | | | | X | X | | |
| SRC1-AH16-11 | 11-3-08 | 0730 | Zs | | | | | | X | X | | |
| SRC1-AH15-0 | 11-3-08 | 0755 | Zs | | | | | | X | X | | |
| SRC1-AH15-0-FD | 11-3-08 | 0758 | Zs | | | | | | X | X | | |
| SRC1-AH15-1D | 11-3-08 | 0820 | Zs | | | | | | X | X | | |
| SRC1-AH16-0 | 11-3-08 | 0840 | Zs | | | | | | X | X | | |
| SRC1-AH16-0-MS/MS/11-3-08 | 11-3-08 | 0840 | Zs | | | | | | X | X | | |
| SRC1-AH16-10 | 11-3-08 | 0905 | Zs | | | | | | X | X | | |
| SRC1-AH18-0 | 11-3-08 | 0935 | Zs | | | | | | X | X | | |
| SRC1-AH18-11 | 11-3-08 | 1005 | Zs | | | | | | 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: *Melhorn* Signature: *Kristie Pittman* Print Name: *Kristie Pittman*
 RECEIVED BY: *Pedak* Company Name/Title: *CES/Staff Scientist* Date: *11-3-08* Time: *1700*
 RELINQUISHED BY: *Pedak* Date: *11-3-08* 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 #: 8653 1231 2194 Date: 11-3-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehmorn (Printed)
 Kristic Pittman (Signature)

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 | | | | | |
| SRC1-A117-0 | 11-3-08 | 1145 | 2s | | | | | | | | | | |
| SRC1-A117-3 | 11-3-08 | 1155 | 2s | | | | | | | | | | |
| SRC1-A117-13 | 11-3-08 | 1215 | 2s | | | | | | | | | | |
| SRC1-A118-0 | 11-3-08 | 1236 | 2s | | | | | | | | | | |
| SRC1-A118-3 | 11-3-08 | 1245 | 2s | | | | | | | | | | |
| SRC1-A118-13 | 11-3-08 | 1300 | 2s | | | | | | | | | | |
| SRC1-J01-0 | 11-3-08 | 1325 | 2s | | | | | | | | | | |
| SRC1-J01-0-ED | 11-3-08 | 1325 | 2s | | | | | | | | | | |
| SRC1-J01-12 | 11-3-08 | 1345 | 2s | | | | | | | | | | |

Comments/Instructions:

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

| | | | | |
|--|------------|--|----------------------|-------------------|
| RELINQUISHED BY: <i>Maria Barajas-Albalawi</i> | Signature: | Company Name/Title: <i>GEL Laboratories, LLC</i> | Date: <i>11-3-08</i> | Time: <i>1700</i> |
| RECEIVED BY: <i>Kristic Pittman</i> | Signature: | Company Name/Title: <i>GEL Laboratories, LLC</i> | Date: <i>11-3-08</i> | Time: <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: GEL Laboratories, LLC
 Contact Person: Amanda Rasco
 Address: 2040 Savage Road
 Charleston, SC 29407
 Phone: (843) 556-8171

FED EX #: 8653 1231 2301

SAMPLER(S) PRINTED NAME AND SIGNATURE Date: 11-5-08

Mandy Mehlsorn / Kristie Pitman / Whitecapman

ANALYSIS REQUEST

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|----------------|---------|------|-----------|-------|------|-----|------|----------|---------------------------|----------------|------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAcNaOH | | | | |
| SRC1-J02-0 | 11-5-08 | 0710 | Zs1 | | | | | | | | | |
| SRC1-J02-3 | 11-5-08 | 0716 | Zs1 | | | | | | | | | |
| SRC1-J02-13 | 11-5-08 | 0730 | Zs1 | | | | | | | | | |
| SRC1-J03-0 | 11-5-08 | 0750 | Zs1 | | | | | | | | | |
| SRC1-J03-5 | 11-5-08 | 0802 | Zs1 | | | | | | | | | |
| SRC1-J03-15 | 11-5-08 | 0818 | Zs1 | | | | | | | | | |
| SRC1-AK20-0 | 11-5-08 | 0843 | Zs1 | | | | | | | | | |
| SRC1-AK20-9 | 11-5-08 | 0857 | Zs1 | | | | | | | | | |
| SRC1-AK20-9-FD | 11-5-08 | 0857 | Zs1 | | | | | | | | | |
| SRC1-AK20-19 | 11-5-08 | 0922 | Zs1 | | | | | | | | | |

Comments/Instructions:

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

RELINQUISHED BY: *Mandy Mehlsorn* Signature: *Mandy Mehlsorn* Print Name: *Mandy Mehlsorn*
 RECEIVED BY: *Fed EX #8653 1231 2301* Company Name/Title: *GEL Geolab, Inc* Date: *11-5-08* Time: *1700*
 RECEIVED BY: *Fed Ex* Date: *11-5-08* 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 #: 8653 1231 2292

SAMPLER(S) PRINTED NAME AND SIGNATURE: *Mandy Mehler / Kristie Pittman / Mandy Mehler* Date: 11-5-08

| SAMPLE ID | DATE | TIME | Container | | | | | | RADIONUCLIDES* | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|------------------|---------|------|-----------|------|-----|------|-----------|-----|----------------|---------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | | |
| SRC1-J04-0 | 11-5-08 | 1012 | 2s | | | | | | X | X | X | | |
| SRC1-J04-9 | 11-5-08 | 1026 | 2s | | | | | | X | X | X | | |
| SRC1-J04-9-MS/MS | 11-5-08 | 1026 | 2s | | | | | | X | X | X | | |
| SRC1-J04-19 | 11-5-08 | 1100 | 2s | | | | | | X | X | X | | |
| SRC1-AJ20-0 | 11-5-08 | 1129 | 2s | | | | | | X | X | X | | |
| SRC1-AJ20-11 | 11-5-08 | 1139 | 2s | | | | | | X | X | X | | |
| SRC1-AJ20-21 | 11-5-08 | 1155 | 2s | | | | | | X | X | X | | |
| SRC1-AJ22-0 | 11-5-08 | 1230 | 2s | | | | | | X | X | X | | |
| SRC1-AJ22-10 | 11-5-08 | 1245 | 2s | | | | | | 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: <i>Mandy Mehler</i> | Signature: | Print Name: | Company Name/Title: | Date: | Time: |
| RECEIVED BY: <i>Fed Ex # 8653 1231 2292</i> | | <i>Mandy Mehler</i> | <i>GEL/Analyst</i> | <i>11-5-08 1700</i> | |
| RELINQUISHED BY: | | | <i>Fed Ex</i> | <i>11-5-08 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 CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalewi
 Address: 2525 Natomas Park Drive, Suite 350
 Sacramento, CA 95833
 Phone #: (916) 904-0378

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

FED EX #: 861518565099 VOCs: 8615 1856 5088

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlhorn
 Kristie Pittman

Date: 11-5-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | EDS |
|-------------|---------|------|-----------|------|-----|------|-----------|-----|-----|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDS | |
| SRC1-J02-0 | 11-5-08 | 0710 | 3s | | | | | | |
| SRC1-J02-3 | 11-5-08 | 0716 | 3s | | | | | | |
| SRC1-J02-13 | 11-5-08 | 0730 | 3s | | | | | | |
| SRC1-J03-0 | 11-5-08 | 0750 | 3s | | | | | | |
| SRC1-J03-5 | 11-5-08 | 0802 | 3s | | | | | | |
| SRC1-J03-15 | 11-5-08 | 0818 | 3s | | | | | | |

ANALYSIS REQUEST

| 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/6020/471A/7470A | Hex chromium by EPA 7196A | OC Pesticides* by EPA 8081A | Aroclors* by EPA 8082 | Congeners* ¹ by EPA 1668 | Aldehydes* ² by EPA 8315 | VOCs* by EPA 8260B | Physical Parameters ³ | Percent Moisture |
|--------------------|-----------------------------|---------------------------------|-----------------------|--|---------------------------|-----------------------------|-----------------------|-------------------------------------|-------------------------------------|--------------------|----------------------------------|------------------|
| 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: *Monty Mehlhorn* Signature: *Monty Mehlhorn* Print Name: *Monty Mehlhorn*
 RECEIVED BY: *Fed Ex #8615 1856 5088* Company Name/Title: *GES/Geologist* Date: *11-5-08 1700*
 RECEIVED BY: *Fed Ex* Date: *11-5-08 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 #: 653 | 1231 | 2253

Date: 11-5-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Melhorn / Kristie Phelan

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

Container

H2SO4
 HNO3
 HCl
 NaOH
 ZnAc/NaOH
 BDA

SAMPLE ID: Rinsate - 2

DATE: 11-5-08

TIME: 1520

Unpres

H2SO4

HNO3

HCl

NaOH

ZnAc/NaOH

BDA

ANALYSIS REQUEST

| | | |
|-------------------------------------|---|--|
| <input checked="" type="checkbox"/> | RADIONUCLIDES - 2,2L H ₂ O | |
| <input checked="" type="checkbox"/> | PERCHLORATE* by EPA 314.0 - 1-25ml Poly's | |
| <input checked="" type="checkbox"/> | SVOCs* by 8270 - 2-1L Amber | |
| <input checked="" type="checkbox"/> | PAHs* by 8270SIM 2-1L Amber | |
| | PERCENT MOISTURE | |

Comments/Instructions:

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

Signature:

Mandy Melhorn

Print Name:

Mandy Melhorn

Company Name/Title:

*GES/Geologist
 Fed Ex*

Date:

11-5-08 1300

Time:

11-5-08 1300

Time:

11-5-08 1300

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-Albelawi
 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 #: 861518564997 Voc: 8615 1856 5011

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlhorn

Date: 11-6-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

Container

| SAMPLE ID | DATE | TIME | Container | | | | | | |
|--------------|---------|------|-----------|------|-----|------|-----------|-----|--|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | |
| SRC1-AK23-0 | 11-6-08 | 1005 | 451 | | | | | | |
| SRC1-AK23-4 | 11-6-08 | 1018 | 451 | | | | | | |
| SRC1-AK23-14 | 11-6-08 | 1035 | 451 | | | | | | |
| SRC1-AL24-0 | 11-6-08 | 1105 | 451 | | | | | | |
| SRC1-AL24-8 | 11-6-08 | 1120 | 451 | | | | | | |
| SRC1-AL24-18 | 11-6-08 | 1136 | 451 | | | | | | |

ANALYSIS REQUEST

| IONS* by EPA 300.0 | Dioxins/Furans ¹ by EPA 8290 | Gen. Chem ² (please see methods) | pH by EPA 9045C/9040B | METALS ³ by EPA Methods 6010B/6020/7471A/7470A | Hex chromium by EPA 7198A | OC Pesticides ⁴ by EPA 8081A | Aroclors ⁵ by EPA 8082 | Congeners ¹ by EPA 1668 | Aldehydes ² by EPA 8315 | VOCs ³ by EPA 8260B | Physical Parameters ³ | Percent Moisture |
|--------------------|---|---|-----------------------|---|---------------------------|---|-----------------------------------|------------------------------------|------------------------------------|--------------------------------|----------------------------------|------------------|
| 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: *Monty Mehlhorn* Signature: *Monty Mehlhorn* Print Name: *Monty Mehlhorn*
 RECEIVED BY: *Fed Ex 8615 1856 4997* Company Name/Title: *GES/Geologist* Date: *11-6-08 1700*
 RELINQUISHED BY: *Fed Ex* Date: *11-6-08 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 #: 8653 1231 2297

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlhorn

Date: 11-6-08

ANALYSIS REQUEST

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | PERCHLORATE* by EPA 314.0 | SVOCS* by 8270 | PAH'S* by 8270SIM | PERCENT MOISTURE |
|----------------|---------|------|-----------|------|-----|------|-----------|-----|---------------------------|----------------|-------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | |
| SRC1-AK21-0 | 11-6-08 | 0745 | 2s | | | | | | | | | |
| SRC1-AK21-0-ED | 11-6-08 | 0745 | 2s | | | | | | | | | |
| SRC1-AK21-8 | 11-6-08 | 0810 | 2s | | | | | | | | | |
| SRC1-AK21-18 | 11-6-08 | 0835 | 2s | | | | | | | | | |
| SRC1-AK21-0 | 11-6-08 | 0910 | 2s | | | | | | | | | |
| SRC1-AK21-12 | 11-6-08 | 0925 | 2s | | | | | | | | | |
| SRC1-AK23-0 | 11-6-08 | 1005 | 2s | | | | | | | | | |
| SRC1-AK23-4 | 11-6-08 | 1018 | 2s | | | | | | | | | |
| SRC1-AK23-14 | 11-6-08 | 1035 | 2s | | | | | | | | | |
| SRC1-AL24-0 | 11-6-08 | 1105 | 2s | | | | | | | | | |

Comments/Instructions:

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

Signature:

Monty Mehlhorn

Print Name:

Monty Mehlhorn

Date:

11-6-08/700

Company Name/Title:

GES/Geologist

RECEIVED BY:

Fed Ex 8653 1231 2297

RECEIVED BY:

Feder

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 #: 8653 1231 2286 Date: 11-6-08

SAMPLER(S) PRINTED NAME AND SIGNATURE
Mandy Melhorn/Mandy Melhorn

| SAMPLE ID | DATE | TIME | CONTAINER | | | | | | PERCHLORATE* by EPA 314.D | SVOCS* by 8270 | PAH'S* by 8270SIM | PERCENT MOISTURE |
|----------------------------|---------|------|-----------|-------|------|-----|------|-----------|---------------------------|----------------|-------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | | | | |
| SRC1-AL24-8 | 11-6-08 | 1120 | 2S1 | | | | | | | | | |
| SRC1-AL24-18 | 11-6-08 | 1136 | 2S1 | | | | | | | | | |
| SRC1-AL23-0 | 11-6-08 | 1210 | 2S1 | | | | | | | | | |
| SRC1-AL23-0-FD | 11-6-08 | 1210 | 2S1 | | | | | | | | | |
| SRC1-AL23-11 | 11-6-08 | 1230 | 2S1 | | | | | | | | | |
| SRC1-AK24-0 | 11-6-08 | 1300 | 2S1 | | | | | | | | | |
| SRC1-AK24-0-MS/MSD/11-6-08 | 11-6-08 | 1300 | 2S1 | | | | | | | | | |
| SRC1-AK24-10 | 11-6-08 | 1340 | 2S1 | | | | | | | | | |

Comments/Instructions:

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

RELINQUISHED BY: *Mandy Melhorn* Signature: *Mandy Melhorn* Print Name: *Mandy Melhorn* Company Name/Title: *GES/Geologist* Date: *11-6-08* Time: *1700*

RECEIVED BY: *Fed Ex # 8653 1231 2286* Date: *11-6-08* Time: *1700*

RECEIVED BY: *Fed Ex* Date: *11-6-08* 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 #: 8664 1709 0169

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehlhorn / *Monty Mehlhorn*
 Phil Brunkhoff / *Phil Brunkhoff*

Date: 11-7-08

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | RADIONUCLIDES* | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHS* by 8270SIM | PERCENT MOISTURE |
|----------------|---------|------|-----------|------|-----|------|-----------|-----|--------|-------|------|-----|------|-----------|-----|----------------|---------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | | | | | | | | | |
| SRC1-AK23-0 | 11-7-08 | 0710 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK23-4 | 11-7-08 | 0725 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK23-14 | 11-7-08 | 0735 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-J07-0 | 11-7-08 | 0810 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-J07-10 | 11-7-08 | 0830 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK26-0 | 11-7-08 | 0850 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK26-10 | 11-7-08 | 0920 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK26-0 | 11-7-08 | 0945 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK26-11 | 11-7-08 | 1000 | Zs | | | | | | | | | | | | | | | | | |
| SRC1-AK26-0-FD | 11-7-09 | 0850 | Zs | | | | | | | | | | | | | | | | | |

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 Mehlhorn*
 RECEIVED BY: *Phil Brunkhoff*

Print Name:

Monty Mehlhorn

Company Name/Title:

GES/Geologist
Feal Ex

Date:

11-7-08

Time:

1700
1300

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-Albelawi
 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 #: 8664 1709 0169 Date: 11-7-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Melhorn / *Monty Melhorn*
 Phil Brinkhoff / *Phil Brinkhoff*

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAcNaOH | EDA | RADIONUCLIDES* | PERCHLORATE* by EPA 314.0 | SVCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE | |
|----------------|---------|------|-----------|------|-----|------|----------|-----|--------|-------|------|-----|------|----------|-----|----------------|---------------------------|---------------|------------------|------------------|--|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAcNaOH | EDA | | | | | | | | | | | | | |
| SRC1-A123-0 | 11-7-08 | 0710 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-A123-4 | 11-7-08 | 0725 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-A123-14 | 11-7-08 | 0735 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-J07-0 | 11-7-08 | 0810 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-J07-10 | 11-7-08 | 0830 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-AK26-0 | 11-7-08 | 0850 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-AK26-10 | 11-7-08 | 0920 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-A126-0 | 11-7-08 | 0945 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-A126-11 | 11-7-08 | 1000 | Zn | | | | | | | | | | | | | | | | | | |
| SRC1-AK26-0-FD | 11-7-09 | 0850 | Zn | | | | | | | | | | | | | | | | | | |

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

RELINQUISHED BY: *Monty Melhorn* Signature: _____ Print Name: Monty Melhorn
 RECEIVED BY: *Phil Brinkhoff* Date: 11-7-08 1700
 RELINQUISHED BY: _____ Date: 11-7-08 1700
 RECEIVED BY: _____

Company Name/Title: GES/Geologist
Feed 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: TestAmerica-St. Louis
 Contact Person: Jerry Everett
 Address: 13715 Rider Trail North
 Earth City, Missouri 63045
 Phone: (314) 298-8566

FED EX #: 86151555022 Vocs: 8664 1709 0191 Date: 11-10-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Marty Mehlhorn
Phil Brinkhoff

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT

PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | | |
|--------------|----------|------|-----------|-------|------|-----|------|-----------|-----|--|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | |
| SRC1-AJ24-0 | 11-10-08 | 0725 | 4s | | | | | | | |
| SRC1-AJ24-10 | 11-10-08 | 0750 | 4s | | | | | | | |
| SRC1-AK25-0 | 11-10-08 | 0825 | 4s | | | | | | | |
| SRC1-AK25-11 | 11-10-08 | 0845 | 4s | | | | | | | |
| SRC1-AL25-0 | 11-10-08 | 0920 | 4s | | | | | | | |
| SRC1-AL25-11 | 11-10-08 | 0945 | 4s | | | | | | | |

ANALYSIS REQUEST

| ION ^s by EPA 300.0 | Dioxin/Furane ^s by EPA 8290 | Gen. Chem [*] (please see methods) | pH by EPA 8045C/9040B | METALS [*] by EPA Methods 6010B/6020/7471A/7470A | Hex chromium by EPA 7186A | OC Pesticides [*] by EPA 8081A | Aroclors [*] by EPA 8082 | Congeners ¹ by EPA 1668 | Aldehydes ² by EPA 8315 | VOCs [*] by EPA 8260B | Physical Parameters ³ | Percent Moisture |
|-------------------------------|--|---|-----------------------|---|---------------------------|---|-----------------------------------|------------------------------------|------------------------------------|--------------------------------|----------------------------------|------------------|
| 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: *Marty Mehlhorn* Signature: Print Name: Company Name/Title: Date: Time:

RECEIVED BY: *Fed Ex 08615 1856 5022* *Marty Mehlhorn* *GES/Geologist* *Fed Ex* 11-10-08 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 #: 8504 2158 7160 Date: 11-10-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mindy Mehlhorn / *Mindy Mehlhorn*
 Phil Brinkerhoff / *Phil Brinkerhoff*

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | EDA | PERCHLORATE* by EPA 314.0 | RADIONUCLIDES* | SVCS* by 8270 | PAH'S* by 8270SIM | PERCENT MOISTURE |
|--------------|----------|------|-----------|-------|------|-----|------|----------|-----|---------------------------|----------------|---------------|-------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAcNaOH | | | | | | |
| SRC1-AM26-0 | 11-10-08 | 1105 | Zs | | | | | | | | | | | |
| SRC1-AM26-10 | 11-10-08 | 1125 | Zs | | | | | | | | | | | |
| SRC1-AM26-0 | 11-10-08 | 1150 | Zs | | | | | | | | | | | |
| SRC1-AM26-3 | 11-10-08 | 1200 | Zs | | | | | | | | | | | |
| SRC1-AM26-13 | 11-10-08 | 1220 | Zs | | | | | | | | | | | |
| SRC1-AM27-0 | 11-10-08 | 1305 | Zs | | | | | | | | | | | |
| SRC1-AM27-3 | 11-10-08 | 1315 | Zs | | | | | | | | | | | |
| SRC1-AM27-13 | 11-10-08 | 1335 | Zs | | | | | | | | | | | |

Comments/Instructions:

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

RELINQUISHED BY: *Mindy Mehlhorn* Signature: _____ Print Name: Mindy Mehlhorn
 RECEIVED BY: *Phil Brinkerhoff* 8504 2158 7160 Company Name/Title: GES/Geologist Date: 11-10-08 1700
 RECEIVED BY: _____ Date: 11-10-08 1740
 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 #: 8664 1709 0158
 SAMPLER(S) PRINTED NAME AND SIGNATURE
 Marty Melhorn / Phil Brinkerhoff / R. Brinkerhoff

Date: 11-10-08

| SAMPLE ID | DATE | TIME | CONTAINER | | | | | | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|-------------------|----------|------|-----------|-------|------|-----|------|-----------|---------------------------|----------------|------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | | | | |
| SRC1-AJ24-0 | 11-10-08 | 0725 | 251 | | | | | | | | | |
| SRC1-AJ24-10 | 11-10-08 | 0750 | 251 | | | | | | | | | |
| SRC1-AK25-0 | 11-10-08 | 0825 | 251 | | | | | | | | | |
| SRC1-AK25-11 | 11-10-08 | 0845 | 251 | | | | | | | | | |
| SRC1-AL25-0 | 11-10-08 | 0920 | 251 | | | | | | | | | |
| SRC1-AL25-11 | 11-10-08 | 0945 | 251 | | | | | | | | | |
| SRC1-J09-0 | 11-10-08 | 1015 | 251 | | | | | | | | | |
| SRC1-J09-0-FD | 11-10-08 | 1015 | 251 | | | | | | | | | |
| SRC1-J09-0-MS/MSD | 11-10-08 | 1015 | 251 | | | | | | | | | |
| SRC1-J09-11 | 11-10-08 | 1040 | 251 | | | | | | | | | |

Comments/Instructions:

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

RELINQUISHED BY: Marty Melhorn
 RECEIVED BY: Fed Ex # 8664 1709 0158
 RELINQUISHED BY:
 RECEIVED BY:

Signature: Marty Melhorn
 Print Name: Marty Melhorn
 Company Name/Title: GEL Geologist
 Date: 11-10-08
 Time: 1700
 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: TestAmerica-St. Louis
 Contact Person: Jerry Everett
 Address: 13715 Rider Trail North
 Earth City, Missouri 63045
 Phone: (314) 298-8566

FED EX #: 8504 2158 7198 VOC: 8504 2158 7115

SAMPLER(S) PRINTED NAME AND SIGNATURE
Marty Mehlhorn / Phil Brinkerhoff

Date: 11-11-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Unpres | Container | | | | | | EDTA | ZnAc/NaOH |
|---------------|----------|------|--------|-----------|------|-----|------|------|------|------|-----------|
| | | | | H2SO4 | HNO3 | HCl | NaOH | HOAc | EDTA | | |
| SRC1-J06-16 | 11-11-08 | 0920 | 4s/ | | | | | | | | |
| SRC1-AM24-0 | 11-11-08 | 0945 | 4s/ | | | | | | | | |
| SRC1-AM24-7 | 11-11-08 | 1005 | 4s/ | | | | | | | | |
| SRC1-AM24-17 | 11-11-08 | 1015 | 4s/ | | | | | | | | |
| SRC1-J05-0 | 11-11-08 | 1050 | 4s/ | | | | | | | | |
| SRC1-J05-0-FD | 11-11-08 | 1050 | 4s/ | | | | | | | | |

ANALYSIS REQUEST

| 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 |
|--------------------|-----------------------------|---------------------------------|-----------------------|---|---------------------------|-----------------------------|-----------------------|------------------------|------------------------|--------------------|------------------------|------------------|
| 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 1688) is greater than 33 ppb, please analyze for aroclors by 8082.

RELINQUISHED BY: *Marty Mehlhorn* Signature: *Marty Mehlhorn* Print Name: *Marty Mehlhorn*
 RECEIVED BY: *Fed Ex # 8504 2158 7198* Company Name/Title: *GES/Geologist* Date: *11-11-08 1700*
 RELINQUISHED BY: *Fed Ex* Date: *11-11-08 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 #: 8640 5103 4425 Date: 11-11-08

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Melhorn / *Monty Melhorn*
 Phil Brunkhoff / *Phil Brunkhoff*

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | | PERCHLORATE* by EPA 314.0 | RADIONUCLIDES* | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE | |
|-------------------|----------|------|-----------|------|-----|------|---------|-----|--|---------------------------|----------------|----------------|------------------|------------------|--|
| | | | H2SO4 | HNO3 | HCl | NaOH | Zn/NaOH | EDA | | | | | | | |
| SRC1-JOS-0 | 11-11-08 | 1050 | Unpres | | | | | | | | | | | | |
| SRC1-JOS-0-FD | 11-11-08 | 1050 | Unpres | | | | | | | | | | | | |
| SRC1-JOS-3 | 11-11-08 | 1105 | Unpres | | | | | | | | | | | | |
| SRC1-JOS-3-MS/MSD | 11-11-08 | 1105 | Unpres | | | | | | | | | | | | |
| SRC1-JOS-13 | 11-11-08 | 1135 | Unpres | | | | | | | | | | | | |
| SRC1-JOS-13 | 11-11-08 | 1206 | Unpres | | | | | | | | | | | | |
| SRC1-JOS-12 | 11-11-08 | 1220 | Unpres | | | | | | | | | | | | |
| SRC1-AL27-0 | 11-11-08 | 1310 | Unpres | | | | | | | | | | | | |
| SRC1-AL27-11 | 11-11-08 | 1325 | Unpres | | | | | | | | | | | | |

Comments/Instructions:

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

RELINQUISHED BY: *Monty Melhorn* Signature: *Monty Melhorn* Print Name: *Monty Melhorn* Company Name/Title: *GES/Geologist* Date: *11-11-08* Time: *1700*
 RECEIVED BY: *Fed Ex # 8640 5103 4425* Date: *11-11-08* Time: *1700*
 RECEIVED BY: *Fed Ex* Date: *11-11-08* 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 #: 8640 5703 4414 Date: 11-11-08

SAMPLER(S) PRINTED NAME AND SIGNATURE
 Monty Melhorn / *Monty Melhorn*
 Phil Benzschaff / *Phil Benzschaff*

ANALYSIS REQUEST

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | PERCHLORATE* by EPA 314.D | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|----------------|----------|------|-----------|------|-----|------|-----------|-----|---------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | |
| SRC1-AL22-0 | 11-11-08 | 0740 | Unpres | | | | | | | | | |
| SRC1-AL22-0-FD | 11-11-08 | 0740 | Unpres | | | | | | | | | |
| SRC1-AL22-7 | 11-11-08 | 0800 | Unpres | | | | | | | | | |
| SRC1-AL22-17 | 11-11-08 | 0815 | Unpres | | | | | | | | | |
| SRC1-J06-0 | 11-11-08 | 0845 | Unpres | | | | | | | | | |
| SRC1-J06-6 | 11-11-08 | 0900 | Unpres | | | | | | | | | |
| SRC1-J06-16 | 11-11-08 | 0920 | Unpres | | | | | | | | | |
| SRC1-AM24-0 | 11-11-08 | 0945 | Unpres | | | | | | | | | |
| SRC1-AM24-7 | 11-11-08 | 1005 | Unpres | | | | | | | | | |
| SRC1-AM24-17 | 11-11-08 | 1015 | Unpres | | | | | | | | | |

Comments/Instructions:

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

RELINQUISHED BY: *Monty Melhorn* Signature: _____ Print Name: Monty Melhorn Company Name/Title: GES/Sealapist Date: 11-11-08 Time: 17:00
 RECEIVED BY: Fed Ex # 8640 5703 4414 Fed Ex Date: 11-11-08 Time: 17:00
 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 #: 8668 5737 7223

SAMPLER(S) PRINTED NAME AND SIGNATURE Date: 11-12-08

Monty Mehlhorn / Phil Bronkhorst

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | RADIONUCLIDES* | PERCHLORATE* by EPA 314.0 | SVCs* by 8270 | PAHs* by 8270S/M | PERCENT MOISTURE | |
|----------------|----------|------|-----------|------|-----|------|-----------|-----|--------|-------|------|-----|------|-----------|-----|----------------|---------------------------|---------------|------------------|------------------|--|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | | | | | | | | | | |
| SRC1-ANZ7-0 | 11-12-08 | 0715 | | | | | | | | | | | | | | | | | | | |
| SRC1-ANZ7-3 | 11-12-08 | 0725 | | | | | | | | | | | | | | | | | | | |
| SRC1-ANZ7-13 | 11-12-08 | 0740 | | | | | | | | | | | | | | | | | | | |
| SRC1-AMZ8-0 | 11-12-08 | 0805 | | | | | | | | | | | | | | | | | | | |
| SRC1-AMZ8-7 | 11-12-08 | 0825 | | | | | | | | | | | | | | | | | | | |
| SRC1-AMZ8-7-FD | 11-12-08 | 0825 | | | | | | | | | | | | | | | | | | | |
| SRC1-AMZ8-17 | 11-12-08 | 0855 | | | | | | | | | | | | | | | | | | | |
| SRC1-J13-0 | 11-12-08 | 0925 | | | | | | | | | | | | | | | | | | | |
| SRC1-J13-3 | 11-12-08 | 0935 | | | | | | | | | | | | | | | | | | | |
| SRC1-J13-13 | 11-12-08 | 0950 | | | | | | | | | | | | | | | | | | | |

ANALYSIS REQUEST

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

RELINQUISHED BY: Monty Mehlhorn
 RECEIVED BY: Fed Ex # 8668 5737 7223
 RELINQUISHED BY:
 RECEIVED BY:

Signature: Monty Mehlhorn
 Print Name: Monty Mehlhorn
 Company Name/Title: GEL/Geologist
 Date: 11-12-08
 Time: 1700
 Date: 11-12-08
 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: Armanda Rasco
 Address: 2040 Savage Road
 Charleston, SC 29407
 Phone: (843) 556-8171

FED EX #: 8640 5093 5371

SAMPLER(S) PRINTED NAME AND SIGNATURE

Maria Barajas-Albalawi
 Maria Barajas-Albalawi
 Phil Brinkerhoff

Date: 11-12-08

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|--------------------|----------|------|-----------|------|-----|------|-----------|-----|---------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | |
| SRC1-AL28-0 | 11-12-08 | 1015 | Unpres | | | | | | | | | |
| SRC1-AL28-9 | 11-12-08 | 1025 | Unpres | | | | | | | | | |
| SRC1-AL28-14 | 11-12-08 | 1035 | Unpres | | | | | | | | | |
| SRC1-AN28-0 | 11-12-08 | 1100 | Unpres | | | | | | | | | |
| SRC1-AN28-11 | 11-12-08 | 1115 | Unpres | | | | | | | | | |
| SRC1-JIS-0 | 11-12-08 | 1140 | Unpres | | | | | | | | | |
| SRC1-JIS-0-FD | 11-12-08 | 1140 | Unpres | | | | | | | | | |
| SRC1-JIS-17 | 11-12-08 | 1155 | Unpres | | | | | | | | | |
| SRC1-JIS-12-MS/MSD | 11-12-08 | 1155 | Unpres | | | | | | | | | |
| SRC1-AK27-0 | 11-12-08 | 1236 | Unpres | | | | | | | | | |

Comments/Instructions:

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

Signature:

RELINQUISHED BY: *Maria Barajas-Albalawi*
 RECEIVED BY: Fed Ex #0 8640 5093 5371

Print Name: *Maria Barajas-Albalawi*

Company Name/Title: *GES/Geologist*
Fed Ex.

Date: 11-12-08
 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 #: 8634 9320 4635, 8653 1231 2264, 8640 5223 5382

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mehborn *Monty Mehborn*

Date: 11-12-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

Container

| | | | | | | |
|--------|-------|------|-----|------|-----------|-----|
| Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA |
|--------|-------|------|-----|------|-----------|-----|

SAMPLE ID

Rinsate - 6
 TB-2 (11/2/08)

DATE

11-12-08
 11-12-08

TIME

1600
 1600

ANALYSIS REQUEST

| | |
|---|-------------------------------------|
| ION ^s * by EPA 300.0 | <input checked="" type="checkbox"/> |
| Dioxins/Furans [†] by EPA 8290 | <input checked="" type="checkbox"/> |
| Gen. Chem [†] (please see methods) | <input checked="" type="checkbox"/> |
| pH by EPA 9045C/9040B | <input checked="" type="checkbox"/> |
| METALS [*] by EPA Methods 6010B/6020/7471A/7470A | <input checked="" type="checkbox"/> |
| Hex chromium by EPA 7196A | <input checked="" type="checkbox"/> |
| OC Pesticides [*] by EPA 8081A | <input checked="" type="checkbox"/> |
| Aroclors ^{**} by EPA 8082 | <input checked="" type="checkbox"/> |
| Congeners ^{††} by EPA 1668 | <input checked="" type="checkbox"/> |
| Aldehydes [‡] by EPA 8315 | <input checked="" type="checkbox"/> |
| VOCs [*] by EPA 8260B | <input checked="" type="checkbox"/> |
| Physical Parameters ^{‡‡} | |
| Percent Moisture | |

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
 †† Please report results in dry weight, therefore all soil will require % moisture testing.
 ‡ 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: *Monty Mehborn*

RECEIVED BY: *Fed Ex*

RELINQUISHED BY:

RECEIVED BY:

Print Name:

Monty Mehborn

Company Name/Title:

GES/Geologist
Fed Ex

Date:

11-12-08
 11-12-08

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

FED EX #: 8668 5737 7234
 SAMPLER(S) PRINTED NAME AND SIGNATURE
 Monty Mellhorn / Phil Brincherhoff

DATE: 11-13-08

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | RADIONUCLIDES | PERCHLORATE* by EPA 314.0 | SVOCs* by 8270 | PAHs* by 8270SIM | PERCENT MOISTURE |
|-------------------|----------|------|-----------|------|-----|------|-----------|-----|---------------|---------------------------|----------------|------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | | | | |
| SRC1-AJ27-0 | 11-13-08 | 1025 | Unpres | | | | | | | | | | |
| SRC1-AJ27-10 | 11-13-08 | 1040 | Unpres | | | | | | | | | | |
| SRC1-J12-0 | 11-13-08 | 1100 | Unpres | | | | | | | | | | |
| SRC1-J12-12 | 11-13-08 | 1115 | Unpres | | | | | | | | | | |
| SRC1-J14-0 | 11-13-08 | 1220 | Unpres | | | | | | | | | | |
| SRC1-J14-12 | 11-13-08 | 1235 | Unpres | | | | | | | | | | |
| SRC1-AJ28-0 | 11-13-08 | 1310 | Unpres | | | | | | | | | | |
| SRC1-AJ28-0-FD | 11-13-08 | 1310 | Unpres | | | | | | | | | | |
| SRC1-AJ28-0-mshmd | 11-13-08 | 1310 | Unpres | | | | | | | | | | |
| SRC1-AJ28-12 | 11-13-08 | 1330 | Unpres | | | | | | | | | | |

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 Mellhorn
 RECEIVED BY: Fed Ex # 8668 5737 7234

Print Name:

Monty Mellhorn

Date:

11-13-08 1700

Company Name/Title:

GEL/Geologist
 Fed Ex

Date:

11-13-08 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 #: 8668 5747 2658
 SAMPLER(S) PRINTED NAME AND SIGNATURE
 Mary Melhorn / *Mary Melhorn*
 Phil Brinkerhoff / *Phil Brinkerhoff*
 Date: 11-14-08

| SAMPLE ID | DATE | TIME | Container | | | | | | PERCHLORATE* by EPA 314.0 | RADIONUCLIDES | SVOCs* by 8270 | PAHS* by 8270SIM | PERCENT MOISTURE | ANALYSIS REQUEST |
|--------------|----------|------|-----------|-------|------|-----|------|---------|---------------------------|---------------|----------------|------------------|------------------|------------------|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | Zn/NaOH | | | | | | |
| SRC1-A119-0 | 11-14-08 | 0745 | 25 | | | | | | | | | | | |
| SRC1-A119-11 | 11-14-08 | 0800 | 34 | | | | | | | | | | | |
| SRC1-AH17-0 | 11-14-08 | 0840 | 25 | | | | | | | | | | | |
| SRC1-AH17-11 | 11-14-08 | 0855 | 25 | | | | | | | | | | | |
| SRC1-AK28-0 | 11-14-08 | 1055 | 25 | | | | | | | | | | | |
| SRC1-AK28-11 | 11-14-08 | 1115 | 25 | | | | | | | | | | | |
| SRC1-J11-0 | 11-14-08 | 1150 | 25 | | | | | | | | | | | |
| SRC1-J11-10 | 11-14-08 | 1215 | 25 | | | | | | | | | | | |

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

RELINQUISHED BY: *Mary Melhorn* Signature: _____ Print Name: *Mary Melhorn*
 RECEIVED BY: *Fed Ex 8668 5747 2658* Company Name/Title: *GES/Geologist* Date: *11-14-08* Time: *1700*
 RELINQUISHED BY: _____
 RECEIVED BY: _____
 Date: *11-14-08* 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: Advanced Terra Testing, Inc.
 Contact Person: Kerry Repola
 Address: 833 Parfet Street
 Lakewood, CO 80215
 Phone: (303) 232-1579

FED EX #: 8504 2158 7181

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Melhorn / *Monty Melhorn*
 Phil Brinkschoff / *P. Brinkschoff*

Date: 11-14-08

ANALYSIS REQUEST

PROJECT NAME: SOUTHERN RIBS SUB-AREA SAMPLING EVENT

PROJECT NUMBER: 0064276.00

| SAMPLE ID | DATE | TIME | Container | | | | | | | | |
|--------------|----------|------|-----------|-------|------|-----|------|-----------|-----|--|--|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | |
| SRC1-AH17-11 | 11-14-08 | 0855 | /s/ | | | | | | | | |
| SRC1-AH17-20 | 11-14-08 | 0915 | /s/ | | | | | | | | |
| SRC1-AH17-30 | 11-14-08 | 0930 | /s/ | | | | | | | | |
| SRC1-AH17-40 | 11-14-08 | 0955 | /s/ | | | | | | | | |
| SRC1-J11-10 | 11-14-08 | 1215 | /s/ | | | | | | | | |
| SRC1-J11-20 | 11-14-08 | 1255 | /s/ | | | | | | | | |
| SRC1-J11-30 | 11-14-08 | 1305 | /s/ | | | | | | | | |

ASTM D5084 *

Comments/Instructions:

* Please refer to Table 4 (Mohawk Sub-Area Sampling: emailed on June 13, 2008)

RELINQUISHED BY: *Monty Melhorn*

SIGNATURE: *Monty Melhorn*

RECEIVED BY: *Fed Ex # 8504 2158 7181*

RECEIVED BY:

Print Name:

Monty Melhorn

Company Name/Title:

GES/Sealogist

Date:

11-14-08 1700

11-14-08 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 #: 8668 5747 2577, VOCs: 8668 5747 2566

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Mellhorn
 Phil Brian Kerhoff

Date: 11-17-08

PROJECT NAME: SOUTHERN RIBS SAMPLING EVENT
 PROJECT NUMBER: 0064276.03

| SAMPLE ID | DATE | TIME | Container | | | | | | | |
|----------------|----------|------|-----------|------|-----|------|-----------|-----|--|---|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | |
| SRC1-AK22-0 | 11-17-08 | 0725 | 151 | | | | | | | |
| SRC1-AK22-0-FD | 11-17-08 | 0725 | 151 | | | | | | | |
| SRC1-AK22-12 | 11-17-08 | 0755 | 151 | | | | | | | |
| SRC1-AK22-20 | 11-17-08 | 0815 | 151 | | | | | | | |
| SRC1-AK22-30 | 11-17-08 | 0825 | 151 | | | | | | | |
| SRC1-AK22-40 | 11-17-08 | 0900 | 151 | | | | | | | |
| IB-1(11/17/08) | 11-17-08 | 0600 | | | | | | | | X |

ANALYSIS REQUEST

| 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* ⁵ by EPA 8082 | Congeners* ⁴ by EPA 1698 | Aldehydes ² by EPA 8315 | VOCs* by EPA 8260B | Physical Parameters ³ | Percent Moisture |
|--------------------|-----------------------------|---------------------------------|-----------------------|---|---------------------------|-----------------------------|------------------------------------|-------------------------------------|------------------------------------|--------------------|----------------------------------|------------------|
| 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 1698) is greater than 33 ppb, please analyze for aroclors by 8082.

Signature: Monty Mellhorn

Print Name: Monty Mellhorn

RELINQUISHED BY: Monty Mellhorn
 RECEIVED BY: Fed Ex # 8668 5747 2577

Company Name/Title: GES/Sealor list
 Date: 11-17-08 17:00

RELINQUISHED BY:
 RECEIVED BY: Fed Ex
 Date: 11-17-08 17:00

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 Street
 Lakewood, CO 80215
 Phone: (303) 232-1579

FED EX #: 8668 5747 2670

SAMPLER(S) PRINTED NAME AND SIGNATURE

Marty Mehlnhorn
Phil Brunkorhoff

Date: 11-17-08

ANALYSIS REQUEST

PROJECT NAME: SOUTHERN RIBS SUB-AREA SAMPLING EVENT

PROJECT NUMBER: 0064276.00

| SAMPLE ID | DATE | TIME | Container | | | | | | | |
|--------------|----------|----------|-----------|-------|------|-----|------|-----------|-----|--|
| | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | |
| SRC1-AK22-12 | 11-17-08 | 0755 /s/ | | | | | | | | |
| SRC1-AK22-20 | 11-17-08 | 0815 /s/ | | | | | | | | |
| SRC1-AK22-30 | 11-17-08 | 0825 /s/ | | | | | | | | |
| SRC1-AK22-40 | 11-17-08 | 0900 /s/ | | | | | | | | |

ASTM D5084

Comments/Instructions:

* Please refer to Table 4 (Mohawk Sub-Area Sampling: emailed on June 13, 2008)

Signature:

Marty Mehlnhorn

Print Name:

Marty Mehlnhorn

Company Name/Title:

GES/Geologist
 Fed Ex

Date:

11-17-08 1700

11-17-08 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 #: 8668 5747 1375

SAMPLER(S) PRINTED NAME AND SIGNATURE

Monty Meliharn / *Monty Meliharn*
 Mandy Sumner / *Mandy Sumner*

Date: 11-26-08

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Container | | | | | | Unpres | H2SO4 | HNO3 | HCl | NaOH | ZnAc/ NaOH | EDA | Asbestos Eutriator Method 540 | Percent Moisture |
|-------------|----------|-------------------|-----------|------|-----|------|---------------|-----|--------|-------|------|-----|------|---------------|-----|----------------------------------|------------------|
| | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/ NaOH | EDA | | | | | | | | | |
| SRC1-J11-FD | 11-26-08 | 1220 | | | | | | X | | | | | | | | | |
| SRC1-J07-A | 11-26-08 | 1230 | | | | | | X | | | | | | | | | |
| SRC1-J07-B | 11-26-08 | 1230 | | | | | | X | | | | | | | | | |
| SRC1-J06-A | 11-26-08 | 1250 | | | | | | X | | | | | | | | | |
| SRC1-J06-B | 11-26-08 | 1250 | | | | | | X | | | | | | | | | |
| SRC1-J08-A | 11-26-08 | 1355 ^M | | | | | | X | | | | | | | | | |
| SRC1-J08-B | 11-26-08 | 1355 ^M | | | | | | X | | | | | | | | | |
| SRC1-J09-A | 11-26-08 | 1300 | | | | | | X | | | | | | | | | |
| SRC1-J09-B | 11-26-08 | 1300 | | | | | | X | | | | | | | | | |
| SRC1-J05-A | 11-26-08 | 1315 | | | | | | X | | | | | | | | | |

Comments/Instructions:

RELINQUISHED BY: *Monty Meliharn* Signature: *Monty Meliharn* Print Name: *Monty Meliharn*
 RECEIVED BY: *Fed Ex* Company Name/Title: *GES/Geologist* Date: *11-26-08* Time: *1700*
 RECEIVED BY: *Fed Ex* Date: *11-26-08* 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: EMSL
 Contact: Stephen Siegel
 Address: 107 Haddon Avenue
 Westmont, NJ 08108
 Phone: 1-800-220-3675, ext. 1209

FED EX #: 8668 5747 1375

SAMPLER(S) PRINTED NAME AND SIGNATURE

Mandy Sumner / Monty Melhorn

Date: 11-26-08

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | Unpres | Container | | | | | | Asbestos Elutriator Method 540 | Percent Moisture |
|-------------|----------|------|--------|-----------|------|-----|------|-----------|-----|--------------------------------|------------------|
| | | | | H2SO4 | HNO3 | HCl | NaOH | ZnAc/NaOH | EDA | | |
| SRC1-J05-B | 11-26-08 | 1315 | X | | | | | | | X | |
| SRC1-J05-FD | 11-26-08 | 1316 | X | | | | | | | X | |
| SRC1-J04-A | 11-26-08 | 1325 | X | | | | | | | X | |
| SRC1-J04-B | 11-26-08 | 1325 | X | | | | | | | X | |
| SRC1-AK20-A | 11-26-08 | 1330 | X | | | | | | | X | |
| SRC1-AK20-B | 11-26-08 | 1330 | X | | | | | | | X | |
| SRC1-J03-A | 11-26-08 | 1335 | X | | | | | | | X | |
| SRC1-J03-B | 11-26-08 | 1335 | X | | | | | | | X | |
| SRC1-J04-A | 11-26-08 | 1340 | X | | | | | | | X | |
| SRC1-J04-B | 11-26-08 | 1340 | X | | | | | | | X | |

Comments/Instructions:

Signature:

RELINQUISHED BY: *Monty Melhorn*

RECEIVED BY: *Monty Melhorn*

Print Name:

Company Name/Title: *GES/Geologist*
Fed Ex

Date: 11-26-08
 Time: 1700

RELINQUISHED BY:

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

TAILGATE SAFETY MEETING FORM

Date: 10-31-08 Time: 0715 Job Number: 20087426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

Juan Pablo Martinez

Juan Pablo Martinez

EDWIN GARCIA

[Signature]

Kristie Pitman

[Signature]

Meeting Conducted By: Marty Mehlhorn
Name Printed

Marty Mehlhorn
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 11-3-08 Time: 0700 Job Number: 20082426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "0" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

Kristie Pitman

[Signature]

Juan P. Montino

[Signature]

EDWIN GARCIA

[Signature]

Meeting Conducted By: Marty Mehlhorn
Name Printed

[Signature]
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 11-5-08 Time: 0700 Job Number: 20082426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "0" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

| <u>NAME PRINTED</u> |
|-------------------------|
| <u>Kristie Pitman</u> |
| <u>Juan P. Martinez</u> |
| <u>EDWIN GARCIA</u> |
| _____ |
| _____ |
| _____ |

| <u>SIGNATURE</u> |
|--------------------|
| <u>[Signature]</u> |
| <u>[Signature]</u> |
| <u>[Signature]</u> |
| _____ |
| _____ |
| _____ |

Meeting Conducted By: Marty Mehlhorn [Signature]
Name Printed Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sabu

TAILGATE SAFETY MEETING FORM

Date: 11-7-08 Time: 0700 Job Number: 20082426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

| NAME PRINTED | SIGNATURE |
|----------------------------|--------------------|
| <u>Juan Pablo Martinez</u> | <u>[Signature]</u> |
| <u>EDWIN GARCIA</u> | <u>[Signature]</u> |
| <u>Phil Brinkerhoff</u> | <u>[Signature]</u> |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Meeting Conducted By: Marty Mehlhorn [Signature]
Name Printed Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sabu



TAILGATE SAFETY MEETING FORM

Date: 11-10-08 Time: 0710 Job Number: 20087426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

EDUARDO WIS

Eduardo Wis

STAN STARS EAGLE

Stan Stars

Phil Brinkerhoff

Phil Brinkerhoff

Meeting Conducted By: Marty Mehlhorn
Name Printed

Marty Mehlhorn
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sabu

TAILGATE SAFETY MEETING FORM

Date: 11-11-08 Time: 0725 Job Number: 20087426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

Shawn Sears Eagle

Shawn Sears

Ivan P. Martinez Eagle

Ivan P. Martinez

Phil Brinkerhoff

Phil Brinkerhoff

Meeting Conducted By: Marty Mehlhorn
Name Printed

Marty Mehlhorn
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 11-12-08 Time: 0705 Job Number: 20082426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "0" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

| <u>NAME PRINTED</u> | <u>SIGNATURE</u> |
|----------------------------|---------------------|
| <u>Juan Pablo Martinez</u> | <u>Juan Pablo B</u> |
| <u>EDWIN GARCIA</u> | <u>[Signature]</u> |
| <u>Phil Binkerhoff</u> | <u>[Signature]</u> |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Meeting Conducted By: Marty Mehlhorn [Signature]
Name Printed Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sabu



TAILGATE SAFETY MEETING FORM

Date: 11-13-08 Time: 0705 Job Number: 20082426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

Juan Pablo Montano

[Signature]

EDWIN GARCIA

[Signature]

Phil Brinkerhoff

[Signature]

Meeting Conducted By: Marty Mehlhorn
Name Printed

[Signature]
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sahu

TAILGATE SAFETY MEETING FORM

Date: 11-14-09 Time: 0735 Job Number: 20087426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

Shawn Sears Eagle

Shawn Sears

Eduardo Luis Eagle

Eduardo

Meeting Conducted By: Marty Mehlhorn
Name Printed

Marty Mehlhorn
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sahu



TAILGATE SAFETY MEETING FORM

Date: 11-17-08 Time: 0710 Job Number: 20082426V1

Client: BRC

Site Specific Location: BRC Southern RIBS Sub-Area

Safety Topics Presented

Protective Clothing/Equipment: Level "D" Equipment

Chemical Hazards: OC Pesticides, Metals, etc.

Physical Hazards: Uneven Surfaces, Heavy equipment

Special Equipment: _____

Other: _____

Emergency Procedures: Apply 1st aid, call 911 if accident is serious

Hospital: 911 Phone: 911 Ambulance Phone: 911

Hospital Address and Route: St. Rose, Go south on Boulder Highway to Lake Mead, then turn Right.

ATTENDEES

NAME PRINTED

SIGNATURE

EDWIN BACUSAN

[Signature]

NEIL WIKTOR

[Signature]

Phil Brinkerhoff

[Signature]

Meeting Conducted By: Marty Mehlhorn
Name Printed

[Signature]
Signature

On-Site Safety Officer: Marty Mehlhorn Project Manager: Ranjit Sabu