





GRAPHIC LOG OF BOREHOLE NPZ-A7

Page 1 of 3

PROJECT Jeritt Canyon, TSF1 Piezometer Installation

PROJECT NO. 174700.180

TOTAL DEPTH: 152'

LOGGED BY Pablo Cortegoso

GROUND CONDITION

COORDINATES OF LOCATION

DATE 7/27/2011

Dry Tailings

EQUIPMENT Prosonic, 7" Core Barrel

ELEVATION

DRILLER Boart Longyear Drilling

| DEPTH (FEET) | SAMPLE #          | SAMPLE TYPE | GRAPHIC LOG | USCS SOIL CLASS | WELL COMPLETION | DESCRIPTION OF MATERIAL   |   |
|--------------|-------------------|-------------|-------------|-----------------|-----------------|---|---|
| 0            |                   |             |             | ML              |                 | Reddish/dark brown silt; medium moisture; medium plasticity                             |   |
| 5            | NPZ A7<br>A01-A04 | CORE        |             |                 |                 |   |   |
| 10           |                   |             |             |                 |                 |   |   |
| 15           |                   |             |             |                 |                 |   |   |
| 20           | NPZ A7<br>A05-A14 | CORE        |             | CL              |                 | Grayish brown silty clay; high moisture   |   |
| 25           |                   |             |             |                 |                 |   |   |
| 30           |                   |             |             | ML              |                 | Silt; very humid; low plasticity  |   |
| 35           |                   |             |             |                 |                 |   |   |
| 40           | NPZ A7<br>A15-A19 | CORE        |             | CL              |                 | Orange/brown silty clay   |   |
| 45           |                   |             |             |                 | ML              |   | Olive brown silt with clay; medium plasticity<br>Color turning into olive; medium moisture                      |
| 50           |                   |             |             |                 |                 |   | Tailings / alluvium interface at - 53' bgs<br>Dark brown gravelly sand; low moisture                            |
| 55           |                   |             |             |                 |                 | SW  |   |
| 60           |                   |             |             |                 |                 | High percentage of coarse material; gravel up to 1"<br>High moisture; with small gravel |   |
| 65           | NPZ A7<br>A20-A27 | CORE        |             | ML              |                 | Oxide silt with sand and gravel   |   |
| 70           |                   |             |             |                 | CL              |   | Clay with pebble less than 1/2"; low moisture<br>Color turning into orange/brown; dry; low plasticity           |
| 75           |                   |             |             |                 | SW              |   | Dark brown sand with gravel; medium moisture  |
| 80           | NPZ A7<br>A28-A37 | CORE        |             | CL              |                 | Light brown clay with sand and gravel less than 1/2"; medium moisture                   |   |
| 85           |                   |             |             |                 | SC              |   | Orange clayey sand; low moisture<br>Color turning into brown; highly moisture; with small gravel less than 1/2" |
| 90           |                   |             |             |                 | SW              |   | Sand with rounded gravel up to 1"; medium moisture<br>Decreasing gravel size                                    |
| 95           |                   |             |             |                 |                 |   |   |
| 100          |                   |             |             | CL              |                 | Caramel clay; medium moisture; low plasticity   |   |