

Log # 117158



GRAPHIC LOG OF BOREHOLE NPZ-A6
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PROJECT Jerritt Canyon, TSF1 Piezometer Installation
PROJECT NO. 174700.180 TOTAL DEPTH: 182'

LOGGED BY Pablo Cortegoso GROUND CONDITION Dry Tailings COORDINATES OF LOCATION _____
DATE 7/23/2011 ELEVATION _____
EQUIPMENT Prosonic, 7" Core Barrel
DRILLER Boart Longyear Drilling

DEPTH (FEET)	SAMPLE #	SAMPLE TYPE	GRAPHIC LOG	USCS SOIL CLASS	WELL COMPLETION	DESCRIPTION OF MATERIAL
0				ML		Light brown clayey silt; medium moisture content; low plasticity
5	NPZ A6 A01-A05	CORE		CL		Brown silty clay; high plasticity; medium moisture
10						
15						
20	NPZ A6 A06-A10	CORE				Brown/orange clay; high plasticity; high moisture
25						
30						
35	NPZ A6 A11-A15	CORE				Brown silty clay; medium plasticity; high moisture
40						
45						
50	NPZ A6 A16-A21	CORE		ML		Brown/orange clayey silt; medium moisture; medium plasticity
55						
60						
65	NPZ A6 A22-A26	CORE		Alluvium		Alluvium; roots; little gravel ; sandy; tailings / alluvium interface at ~ 70' bgs
70						
75						
80	NPZ A6 A27-A35	CORE		SP		Sand; low moisture; low gravel content
85						
90						
90	NPZ A6 A27-A35	CORE		CL		Light brown sandy clay; low moisture
95						
100						
90	NPZ A6 A27-A35	CORE		SP		Dark brown uniform sand with small gravel; medium moisture
95						
100						
90	NPZ A6 A27-A35	CORE		ML		Light brown clay with sand and gravel less than 1"; very dense;
95						
100						
90	NPZ A6 A27-A35	CORE		GP		Muddy silt/sand with small gravel
95						
100						
90	NPZ A6 A27-A35	CORE		SP		Light brown coarse gravel and sand; medium moist
95						
100						
100						Sand with clay with rounded pebbles less than 1"; very dense; medium moist

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GROUND CONDITION
Dry Tailings

COORDINATES OF LOCATION

ELEVATION

DEPTH (FEET)	SAMPLE #	SAMPLE TYPE	GRAPHIC LOG	USCS SOIL CLASS	WELL COMPLETION	DESCRIPTION OF MATERIAL
100						
105	NPZ A6 A27-A35	CORE		CL		Brown clay with pebbles; dense; moderately plasticity
110						Dense; medium moisture; more than 50% gravel larger than 1"
115						Color turning into light brown; with sand; medium moisture
120	NPZ A6 A36-A45	CORE		SM		Gray/brown silty sand; low moisture; rock less than 1/2"
125						Increasing moisture content; with some gravel
130						
135				ML		Brown silt; medium moisture
140	NPZ A6 A46-A55	CORE		CL		Silty clay with very small gravel less than 1/4"; high moisture
145				SM		Silty sand with some pebbles; medium moist
150				GP		Sandy rounded gravel less than 1"; medium moist
155	NPZ A6 A56-A60	CORE		SP		Silty sand with small gravel; wet
160						Sand/gravel more than 50%; wet
165						
170	NPZ A6 A61-A70	CORE		ML		Silt; medium moist
175				SP		Brown gravelly sand; highly moist
180						
185						
190						
195						
200						