



PROJECT Jeritt Canyon, TSF1 Piezometer Installation

PROJECT NO. 174700.180

TOTAL DEPTH: ~203'

LOGGED BY Brian Bass

GROUND CONDITION

COORDINATES OF LOCATION

DATE 7/8/2011

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		Dark brown fine silt; moist; loose; no plasticity Recovery = 25%
5						Wet; dense
10	NPZ A1 A01-A03	CORE				No retrieval
15						
20						Reddish brown clayey fine silt; wet; very loose; no plasticity
25						Recovery = 76%
30	NPZ A1 A04-A11	CORE				Medium dense
35						
40						Recovery = 59% Color turning into dark gray over 38' - 41' interval
45	NPZ A1 A12-A18	CORE				Medium gray; loose; wet
50						Mottled dark gray /orange; medium dense; wet
55						Loose Dark gray; loose to medium dense (varies); wet Recovery = 43%
60						
65	NPZ A1 A19-A24	CORE				
70						
75						
80						Dark gray fine sandy silt; loose; wet Recovery = 83%
85	NPZ A1 A25-A32	CORE				Dark gray clayey fine silt; medium dense to dense (varies); wet; no sand
90						Dense
95						
100						



GRAPHIC LOG OF BOREHOLE

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100				ML		Dark gray clayey fine silt; medium dense to dense; wet Recovery = 100%
105	NPZ A1 A33-A43	CORE				Recovery = 100%
110						
115						
120						
125	NPZ A1 A44-A53	CORE				
130						
135						
140	NPZ A1 A54-A57	CORE				Recovery = 95%
145				GW		Tailings / alluvium interface @ ~ 144' bgs.
				CL-ML		Well-graded black and gray silty, sandy sub-angular gravel to 1" diameter with pebbles (30%); very dense (compacted); moist; no plasticity
				ML		Brownish-gray silty clay/clayey silt; very dense; moist; medium plasticity
				SC-GC		Dark gray sandy clayey silt with trace coarse sand; moist; dense; medium plasticity
150	NPZ A1 A58-A61	CORE		ML		Gray clayey sand and gravel with trace angular gravel to 2" diameter; loose; wet; no plasticity
155				GC		Medium brown clayey silt with trace coarse sand; slightly moist; very dense (compacted); no plasticity
						Medium brown mottled with orange clayey silty angular gravel to 2" diameter with some pebbles; dense; moist; no plasticity; recovery = 93%
						Very dense; slightly moist
160	NPZ A1 A62-A65	CORE		ML		Light brown clayey silt with some coarse sand; very dense (compacted); slightly moist; low plasticity
165						Trace pebbles and angular gravel to 1/2"
						No sand and gravel; moist
						Recovery = 100%
170	NPZ A1 A66-A72	CORE				Recovery = 100%
175				SC-GC		Medium brown silty clayey gravel (60%) and sand (30%); sub-angular gravel to 1.5"; wet; loose to medium dense; no plasticity
180	NPZ A1 A73-A77	CORE		ML		Brown clayey silt with some fine sand and trace pebbles and sub-angular gravel to 1/2"; dense; low plasticity
185				SM-EGM		Recovery = 100%
						Medium brown silty sand (50%) and gravel (40%); sub-angular to 2"; moist to wet; loose; no plasticity
185				ML		Medium brown clayey silt; moist; dense; low plasticity
						Some coarse sand; trace pebbles
190	NPZ A1 A78-A83	CORE		SC-GC		Grayish brown silty clayey sand (50%) and gravel (30%); sub-angular to 1"; wet; medium dense
195				ML		Medium brown clayey silt; moist; very dense; low plasticity
						Recovery = 100%
				CL		Light brownish-gray silty clay with trace sub-angular pebbles; moist; very dense; low plasticity
200				SC-GC		Grayish brown silty clayey sand (30%) and gravel (60%); sub-angular to 2"; wet; loose; no plasticity
				ML		



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200	NPZ A1 A84-A85	CORE		ML	<input type="checkbox"/>	Light brownish-gray clayey silt with trace sub-angular pebbles; moist; very dense; low plasticity Recovery = 100%
205						
210						
215						
220						
225						
230						
235						
240						
245						
250						
255						
260						
265						
270						
275						
280						
285						
290						
295						
300						