Associated Engineering | GLOBAL PERSPECTIVE. LOCAL FOCUS.

Project No.: 2013-2333 File:

Client: AAM

Subject: Geochemistry Sampling

By: NRJ Date: May 22

DESIGN NOTES

Sheet 1 of 1 Chk'd: Date:

Partially Cloudy, temperature high of ~10°C

Lysimeter on Waste Rock Pile Bench (L2)

∇ 0.912 m
Bottom 1.224 m
Photos 132-1881-1882

Volume Purged (L)	pH	Temp(°C)	EC(mS)	TDS(ppt)	Turbidity (NTU)
1	7.59	2.1	0.36	0.18	–
3	7.41	1.9	0.35	0.17	–
5	7.73	1.2	0.33	0.16	–
Sample - 7	7.44	1.2	0.35	0.17	9.72

Strands of grass in water column

Humidity Cells (all uncovered) Photos 132-1883 - 132-1914

Material	Volume of Barrel	Volume of Material	Volume of Water	Volume in Drainage Container	Photo #
Waste Rock	>100L	90L	0L	1L (ice)	132-1886-~~189~~
Ore	>100L	60L	0L	3L (ice)	132-1892-1898
Waste Rock + Org	>100L	60L	25L (ice)	—	132-1900-1903
Tailings + Org	>100L	60L	25L (ice	—	132-1904-1906
Tailings Sand	~1000L	100L	0L	13L	132-1908-1914

	pH	Temp(°C)	EC(mS)	TDS(ppt)	Turbidity (NTU)
Tailing Sand Run-off Sample	7.50	7.7	1.17	0.72	2.31

* Judy to clarify how to collect water from containers without breaking connection large containers
* [illegible] found on top of smaller containers have percipitate for Waste Rock + Ore.

Trench Sampling

	Volume of Water	pH	Temp(°C)	EC(mS)	TDS(ppt)	Turbidity (NTU)
Trench Gully (photo from Robyn)	3L/min	7.80	~~7.7~~ 3.6	0.00	0.00	-0.03
Above Hill Rd.	20L/min	7.03	0.6	0.00	0.00	27.4