

T.R. Raponi

04/27/88

To

Date

G.B Halverson, S. El-Alfy

METTEST

Copies To

Ref.

M.E. Goodfellow

From

CYANIDATION TESTWORK ON POLISHING POND COMPOSITE SAMPLES

Subject

Summary

The final five drill core samples of material from the polishing pond were evaluated as a feed material to the Tailings Retreatment Plant. Standard cyanidation testwork was conducted to provide gold recovery estimates for plant operation. Average recovery of the samples ranged from 27.01 % Au to 33.39 % Au. Average recovery for Test hole #3 was 29.78 % Au with a calculated headgrade of 0.106 oz/ton Au; Test hole #6 27.01 % Au with a calculated headgrade of 0.100 oz/ton Au; Test hole #7 30.61% Au with a calculated headgrade of 0.102 oz/ton Au; Test hole #8 33.39 % Au with a calculated headgrade of 0.105 oz/ton Au; Test hole #12 30.07 % Au with a calculated headgrade of 0.102 oz/ton Au. The average reagent consumption for all the tests was as follows: 2.24 lb/ton NaCN and 1.55 lb/ton CaO. The results of this testwork are in agreement with the first six hole test results. The highest recovery obtained in the testwork was from hole #8 at 33.39 % Au. The lowest gold recovery was obtained by hole #10 at 24.51 % Au. The average gold recovery of all eleven holes was 28.91 % Au. In the tests conducted, gold recovery did not improve after 24 hours leaching. Further testwork is presently being conducted to investigate improving gold recovery after 24 hours leaching.

Purpose

To determine the cyanidation recovery of drill core samples from the polishing pond.

Procedure

The final five drill core samples were analyzed in this report. The number of samples from each hole ranged from 15 to 21. The bottom clay and muskeg samples were not included in the test samples. These samples were combined and rolled. Duplicate 200 g samples were taken from each of the composite samples for cyanidation testwork. The 200 g sample was placed in a Winchester acid bottle and pulped with tap water to 33 % solids. Lime (CaO) and cyanide (NaCN) were added to raise the pH to 10.0 and give an initial free cyanide strength of 2.0 lb/ton. The sample was then placed on the rolls for one hour. A sample was then withdrawn to check pH and NaCN levels. CaO and NaCN were added to restore pH to 10.0 and to give a free cyanide strength of 1.0 lb/ton. The sample was rolled for a further 5 hours. Again, a sample was withdrawn to check pH, NaCN levels and for Au assays. Reagents were added as after the first hour. The sample was rolled for another 18 hours. A sample was withdrawn to check pH, NaCN levels and for Au assays. Reagents were added as after the first hour. The samples were rolled for a final 24 hours for a total of 48 hours leaching. The samples were then filtered to separate the pregnant solutions. The filter cakes were then washed with 500 mL tap water and a separate wash sample was obtained. Both solution samples and the solid residue were assayed for Au. The NaCN strength and pH were also determined for each pregnant solution. The Winchester acid bottles were rolled uncapped for the entire 48 hour test.

Results

Test and assay results are attached. Duplicate tests from each composite hole sample were run to verify the test results. A summary of the tests can be found in Figure 1.

Conclusions

1. Test hole #3 obtained an average recovery of 29.78 % Au with a calculated head grade of 0.106 oz/ton Au. Reagent consumptions were calculated at 2.00 lb/ton NaCN and 1.50 lb/ton CaO.
2. Test hole #6 obtained an average recovery of 27.01 % Au with a calculated head grade of 0.100 oz/ton Au. Reagent consumptions were calculated at 2.18 lb/ton NaCN and 1.50 lb/ton CaO.
3. Test hole #7 obtained an average recovery of 30.61 % Au with a calculated head grade of 0.102 oz/ton Au. Reagent consumptions were calculated at 2.08 lb/ton NaCN and 1.50 lb/ton CaO.
4. Test hole #8 obtained an average recovery of 33.39 % Au with a calculated head grade of 0.105 oz/ton Au. Reagent consumptions were calculated at 2.80 lb/ton NaCN and 1.75 lb/ton CaO.
5. Test hole #12 obtained an average recovery of 30.07 % Au with a calculated head grade of 0.102 oz/ton Au. Reagent consumptions were calculated at 2.13 lb/ton NaCN and 1.50 lb/ton CaO.
6. The results of this testwork are in agreement with previous testwork conducted on the first six test holes.

Discussion

The test results of the final five test holes showed good duplication. Calculated headgrades were within 3 % of the assayed headgrades. The gold cyanidation recoveries of this testwork are 6 - 10 % lower than previous tailings testwork conducted.

The average gold recovery for all eleven holes was calculated to be 28.91 % Au. The average reagent consumption was as follows: 2.46 lb/ton NaCN and 1.91 lb/ton CaO. The highest gold recovery was achieved by Test hole #8 at 33.39 % Au. The lowest gold recovery was obtained by Test hole #10 at 24.51 % Au. In all the tests conducted gold recovery did not improve after 24 hours leaching. Further testwork is presently being conducted on a composite sample from Test hole # 10 to try to improve gold recovery after 24 hours leaching. The results of this testwork will be available the first week in May. Screen analysis on the samples will also be completed and included in the next report.

M.E. Goodfellow

M.E. Goodfellow
Jr. Metallurgist

FIGURE 1: SUMMARY OF TEST RESULTS

SAMPLE #	CALC HEAD (oz/ton)	AVE HEAD (oz/ton)	RESIDUE (oz/ton)	CALC Au RECOVERY(%)	NaCN (lb/ton) CONSUMED	CaO (lb/ton) CONSUMED
3A	0.107	0.106	0.075	29.69	2.05	1.50
3B	0.104	0.106	0.073	29.87	1.95	1.50
6A	0.100	0.103	0.073	26.90	2.20	1.50
6B	0.100	0.103	0.073	27.11	2.15	1.50
7A	0.102	0.102	0.071	30.27	2.05	1.50
7B	0.101	0.102	0.070	30.94	2.10	1.50
8A	0.107	0.105	0.070	34.25	3.40	1.50
8B	0.102	0.105	0.069	32.53	2.20	2.00
12A	0.102	0.099	0.072	29.77	1.90	1.50
12B	0.102	0.099	0.071	30.37	2.35	1.50

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #3

Sample Code #: 3A

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.2	CaO = 0.10 g	pH = 10.8	pH = 10.1	pH = 9.8	pH = 9.8
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.65 lb/t	CN ⁻ = 1.05 lb/t	CN ⁻ = 0.6 lb/t	CN ⁻ = 0.7 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 75 mL	Tit = 67 mL	Tit = ---- mL
Other=	pH to 11.2	Other =	Other =	Other =	Other =
		Added 0.35 lb/t NaCN.		Added 0.4 lb/t NaCN. Added 0.05 g CaO. pH to 10.5	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	362 mL	0.459 mg/L	0.166 mg	22.71 %	mg/L	mg	%
Wash	500 mL	0.103 mg/L	0.051 mg	6.98 %	mg/L	mg	%
Total	862 mL	0.252 mg/L	0.217 mg	29.69 %	mg/L	mg	%
Residue	200 g	2.569 g/t	0.514 mg	70.31 %	%	mg	%
Calc Head	200 g	3.655 g/t	0.731 mg	100.00 %	%	mg	%
Assay Head	200 g	3.631 g/t	0.726 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #3

Sample Code #: 3B

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.2	CaO = 0.10 g	pH = 10.8	pH = 10.1	pH = 9.8	pH = 9.9
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.55 lb/t	CN ⁻ = 1.0 lb/t	CN ⁻ = 0.9 lb/t	CN ⁻ = 0.6 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 90 mL	Tit = 73 mL	Tit = ---- mL
Other=	pH to 10.4	Other =	Other =	Other =	Other =
		Added 0.45 lb/t NaCN.		Added 0.1 lb/t NaCN. Added 0.05 g CaO. pH to 10.5	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	363 mL	0.449 mg/L	0.163 mg	22.86 %	mg/L	mg	%
Wash	500 mL	0.099 mg/L	0.050 mg	7.01 %	mg/L	mg	%
Total	863 mL	0.246 mg/L	0.213 mg	29.87 %	mg/L	mg	%
Residue	200 g	2.500 g/t	0.500 mg	70.13 %	%	mg	%
Calc Head	200 g	3.565 g/t	0.713 mg	100.00 %	%	mg	%
Assay Head	200 g	3.631 g/t	0.726 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #6

Sample Code #: 6A

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.3	CaO = 0.10 g	pH = 10.6	pH = 10.2	pH = 9.5	pH = 9.75
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.65 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.7 lb/t	CN ⁻ = 0.7 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 84 mL	Tit = 76 mL	Tit = ---- mL
Other=	pH to 10.2	Other =	Other =	Other =	Other =
		Added 0.35 lb/t NaCN.	Added 0.25 lb/t NaCN.	Added 0.3 lb/t NaCN. Added 0.05 g CaO. pH to 10.6	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	370 mL	0.366 mg/L	0.136 mg	19.88 %	mg/L	mg	%
Wash	500 mL	0.096 mg/L	0.048 mg	7.02 %	mg/L	mg	%
Total	870 mL	0.211 mg/L	0.184 mg	26.90 %	mg/L	mg	%
Residue	200 g	2.500 g/t	0.500 mg	73.10 %	%	mg	%
Calc Head	200 g	3.420 g/t	0.684 mg	100.00 %	%	mg	%
Assay Head	200 g	3.528 g/t	0.706 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #6

Sample Code #: 6B

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.3	CaO = 0.10 g	pH = 10.7	pH = 10.4	pH = 9.8	pH = 10.15
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.65 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.7 lb/t	CN ⁻ = 0.75 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 90 mL	Tit = 73 mL	Tit = ---- mL
Other=	pH to 10.3	Other =	Other =	Other =	Other =
		Added 0.35 lb/t NaCN.	Added 0.25 lb/t NaCN.	Added 0.3 lb/t NaCN. Added 0.05 g CaO. pH to 10.4	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	358 mL	0.390 mg/L	0.140 mg	20.41 %	mg/L	mg	%
Wash	500 mL	0.092 mg/L	0.046 mg	6.71 %	mg/L	mg	%
Total	858 mL	0.217 mg/L	0.186 mg	27.11 %	mg/L	mg	%
Residue	200 g	2.500 g/t	0.500 mg	72.89 %	%	mg	%
Calc Head	200 g	3.430 g/t	0.686 mg	100.00 %	%	mg	%
Assay Head	200 g	3.528 g/t	0.706 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #7

Sample Code #: 7A

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.5	CaO = 0.10 g	pH = 10.9	pH = 10.5	pH = 9.8	pH = 10.0
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.65 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.8 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 82 mL	Tit = 73 mL	Tit = ---- mL
Other=	pH to 11.2	Other =	Other =	Other =	Other =
		Added 0.35 lb/t NaCN.	Added 0.25 lb/t NaCN.	Added 0.25 lb/t NaCN. Added 0.05 g CaO. pH to 10.6	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	345 mL	0.466 mg/L	0.161 mg	23.10 %	mg/L	mg	%
Wash	500 mL	0.099 mg/L	0.050 mg	7.17 %	mg/L	mg	%
Total	845 mL	0.249 mg/L	0.211 mg	30.27 %	mg/L	mg	%
Residue	200 g	2.432 g/t	0.486 mg	69.73 %	%	mg	%
Calc Head	200 g	3.487 g/t	0.697 mg	100.00 %	%	mg	%
Assay Head	200 g	3.494 g/t	0.699 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #7

Sample Code #: 7B

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.3	CaO = 0.10 g	pH = 10.9	pH = 10.2	pH = 9.8	pH = 10.2
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.45 lb/t	CN ⁻ = 1.05 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.70 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 90 mL	Tit = 71 mL	Tit = ---- mL
Other=	pH to 11.1	Other =	Other =	Other =	Other =
		Added 0.55 lb/t NaCN.		Added 0.25 lb/t NaCN. Added 0.05 g CaO. pH to 10.9	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	386 mL	0.428 mg/L	0.165 mg	23.75 %	mg/L	mg	%
Wash	500 mL	0.099 mg/L	0.050 mg	7.19 %	mg/L	mg	%
Total	886 mL	0.242 mg/L	0.215 mg	30.94 %	mg/L	mg	%
Residue	200 g	2.398 g/t	0.480 mg	69.06 %	%	mg	%
Calc Head	200 g	3.473 g/t	0.695 mg	100.00 %	%	mg	%
Assay Head	200 g	3.494 g/t	0.699 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #8

Sample Code #: 8A

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.5	CaO = 0.15 g	pH = 11.1	pH = 10.9	pH = 10.0	pH = 9.75
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.2 lb/t	CN ⁻ = 0.5 lb/t	CN ⁻ = 0.4 lb/t	CN ⁻ = 0.5 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 94 mL	Tit = 86 mL	Tit = ---- mL
Other=	pH to 11.8	Other =	Other =	Other =	Other =
		Added 0.8 lb/t NaCN.	Added 0.5 lb/t NaCN.	Added 0.6 lb/t NaCN.	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	370 mL	0.538 mg/L	0.199 mg	27.26 %	mg/L	mg	%
Wash	500 mL	0.103 mg/L	0.051 mg	6.99 %	mg/L	mg	%
Total	870 mL	0.288 mg/L	0.250 mg	34.25 %	mg/L	mg	%
Residue	200 g	2.398 g/t	0.480 mg	65.75 %	%	mg	%
Calc Head	200 g	3.648 g/t	0.730 mg	100.00 %	%	mg	%
Assay Head	200 g	3.596 g/t	0.719 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #8

Sample Code #: 8B

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.3	CaO = 0.10 g	pH = 11.0	pH = 10.5	pH = 9.8	pH = 10.15
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.9 lb/t	CN ⁻ = 0.5 lb/t	CN ⁻ = 0.65 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 101 mL	Tit = 79 mL	Tit = ---- mL
Other=	pH to 10.2	Other =	Other =	Other =	Other =
		Added 0.25 lb/t NaCN.	Added 0.1 lb/t NaCN.	Added 0.5 lb/t NaCN. Added 0.1 g CaO. pH to 10.9	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	350 mL	0.507 mg/L	0.177 mg	25.25 %	mg/L	mg	%
Wash	500 mL	0.103 mg/L	0.051 mg	7.28 %	mg/L	mg	%
Total	850 mL	0.269 mg/L	0.228 mg	32.53 %	mg/L	mg	%
Residue	200 g	2.363 g/t	0.473 mg	67.47 %	%	mg	%
Calc Head	200 g	3.503 g/t	0.701 mg	100.00 %	%	mg	%
Assay Head	200 g	3.596 g/t	0.719 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #12

Sample Code #: 12A

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.3	CaO = 0.10 g	pH = 10.9	pH = 10.3	pH = 9.6	pH = 10.2
%-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.7 lb/t	CN ⁻ = 0.9 lb/t	CN ⁻ = 0.75 lb/t	CN ⁻ = 0.75 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 84 mL	Tit = 77 mL	Tit = ---- mL
Other=	pH to 10.5	Other =	Other =	Other =	Other =
		Added 0.3 lb/t NaCN.	Added 0.1 lb/t NaCN.	Added 0.25 lb/t NaCN. Added 0.05 g CaO. pH to 10.6	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	371 mL	0.428 mg/L	0.159 mg	22.65 %	mg/L	mg	%
Wash	500 mL	0.099 mg/L	0.050 mg	7.12 %	mg/L	mg	%
Total	871 mL	0.240 mg/L	0.209 mg	29.77 %	mg/L	mg	%
Residue	200 g	2.466 g/t	0.493 mg	70.23 %	%	mg	%
Calc Head	200 g	3.511 g/t	0.702 mg	100.00 %	%	mg	%
Assay Head	200 g	3.391 g/t	0.678 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED

CYANIDATION TESTS

Date of Test: April 20, 1988

Sample: TEST HOLE #12

Sample Code #: 12B

REF: CYANID.FRM

Initial					
Size = 200 g	Reagents	1 hr Roll	After 6 Hrs.	After 24 Hrs.	After 48 Hrs.
pH = 8.5	CaO = 0.10 g	pH = 10.9	pH = 10.3	pH = 9.4	pH = 9.85
X-200=	NaCN = 2.0 lb/t	CN ⁻ = 0.7 lb/t	CN ⁻ = 0.9 lb/t	CN ⁻ = 0.4 lb/t	CN ⁻ = 0.65 lb/t
H2O = 400 mL	Other =	Tit = 10 mL	Tit = 106 mL	Tit = 80 mL	Tit = ---- mL
Other=	pH to 10.2	Other =	Other =	Other =	Other =
		Added 0.3 lb/t NaCN.	Added 0.1 lb/t NaCN.	Added 0.6 lb/t NaCN. Added 0.05 g CaO. pH to 10.8	

Sample Calculations:

	Units	Gold			Arsenic		
		Assay	Distribution	Recovery	Assay	Distribution	Recovery
Preg	366 mL	0.442 mg/L	0.162 mg	23.21 %	mg/L	mg	%
Wash	500 mL	0.099 mg/L	0.050 mg	7.16 %	mg/L	mg	%
Total	866 mL	0.244 mg/L	0.212 mg	30.37 %	mg/L	mg	%
Residue	200 g	2.432 g/t	0.486 mg	69.63 %	%	mg	%
Calc Head	200 g	3.492 g/t	0.698 mg	100.00 %	%	mg	%
Assay Head	200 g	3.391 g/t	0.678 mg		%	mg	

Note: Preg (mL) = Preg + Tit

GIANT YELLOWKNIFE MINES LIMITED
MILL TESTING ASSAY REPORT

REF: MILLASSY

SAMPLES FROM Tailings Pond Composite DATE ASSAYED April 20, 1988

[illegible]



MILL TESTING ASSAY REPORT

SAMPLES FROM Tailing Pond Composites DATE ASSAYED..... April 22-88

Sample Number	Au Oz/Tn	Ag Oz/Tn	Fe	S	As	Sb	Cu
TH #3A 6 hour	.0132						
6A	.0111						
7A	.0122						
8A	.0147						
12A	.0124						
3B	.0136						
6B	.0114						
7B	.0127						
8B	.0154						
12B	.0128						
3A 24 hour	.0141						
6A	.0116						
7A	.0142						
8A	.0172						
12A	.0140						
3B	.0139						
6B	.0122						
7B	.0142						
8B	.0170						
12B	.0143						

W.L. Richardson

..... Assayer



MILL TESTING ASSAY REPORT

SAMPLES FROM Tailing Pond Composites DATE ASSAYED April 25-88

Sample Number	Au Oz/Tn	Ag Oz/Tn	Fe	S	As	Sb	Cu
TH #3A 48 hour soln.	.0134						
6A	.0107						
7A	.0136						
8A	.0157						
12A	.0125						
3B	.0131						
6B	.0114						
7B	.0125						
8B	.0148						
12B	.0129						
3A Wash	.0030						
6A	.0028						
7A	.0029						
8A	.0030						
12A	.0029						
3B	.0029						
6B	.0027						
7B	.0029						
8B	.0030						
12B	.0029						

W.L. Richardson

Assayer

REF: MILLASSY

SAMPLES FROM Tailing Pond Composite DATE ASSAYED April 26, 1988

[illegible]