

# AL & CYANIDATION

	Tons	Assay	Ounces	Dist.
Water Feed	52,984.7	1.95	102,526.9	100.00%
Roaster Calcine	48,199.8	2.17	102,526.9	100.00%
Hot Cottrell Dust	5,295.9	2.17	11,465.6	11.18%
Baghouse Dust	304.2	2.17	658.5	0.64%
Wash Thickener Overflow	125.9	2.17	272.7	0.27%
Pregnant Solution	470,658.0	0.177	83,242.0	81.19%
Calcine Residue	42,473.8	0.135	5,750.5	5.61%
Calcine Residue Solution	26,388.8	0.040	1,063.3	1.04%
Barren Bleed	54,517.0	0.0014	74.2	0.07%
Totals			102,526.9	100.00%
Cyanide Recovery			92.35%	
Cottrell Au Collection Efficiency			94.57%	

## CARBON PLANT

	Tons	Assay	Ounces	Dist.
Hot Cottrell Dust	8,390.3	1.367	11,465.6	
Carbon	56.6	154.56	9,730.3	84.87%
Carbon Barren Solution	12,232.8	0.009	115.6	1.01%
Carbon Tails Solids	8,390.3	0.193	1,619.7	14.13%
Totals			11,465.6	100.00%
Cyanide Extraction Efficiency			85.87%	
Carbon Adsorption Efficiency			98.83%	
Hot Cottrell Dust Assay (Au, As, Sb)			1.490	2.29 0.69

## ARSENIC BALANCE

Arsenic in Mill Feed(%)	1.10
Distribution:	
Flotation Tails	7.12%
Roaster Calcine	15.87%
Hot Cottrell Dust	5.07%
Baghouse Dust	71.94%
Total	100.01%
Total Arsenic Recovery	71.94%
Tons of Arsenic Recovered	2,801.2
Tons of Arsenic Trioxide Recovered	4,258.5
Tons of Arsenic Trioxide to Silo	0.0
Tons of Arsenic Trioxide to U/G	4,258.5
Tons of Arsenic Trioxide in Silo	0.0
Tons of Arsenic Trioxide Shipped	0.0
Arsenic Trioxide Shipping Grade (%)	0.00
Arsenic Trioxide Gold Grade (oz/ton)	0.000
Arsenic Trioxide Production Grade (%)	86.98
Arsenic Trioxide Production Gold Grade (oz/ton)	0.156