

DCF MODEL - KEY INPUTS		UNIT	Total	(2)	(1)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
<b>Copper Plant - Sulfide Material</b>																														
	Gunnison Pit - Material Stacked	Mtons	97.2	-	-	-	-	-	-	-	-	-	-	-	7.7	7.1	7.6	4.6	12.7	8.3	18.3	21.9	1.6	7.7	-	-	-	-	-	
	Gunnison Pit - Grade - Acid Sol Cu	%	0.11	-	-	-	-	-	-	-	-	-	-	-	0.24	0.16	0.10	0.08	0.11	0.15	0.08	0.05	0.27	0.13	-	-	-	-	-	
	Gunnison Pit - Grade - Cyanide Sol Cu	%	0.06	-	-	-	-	-	-	-	-	-	-	-	0.02	0.04	0.07	0.10	0.09	0.05	0.07	0.05	0.00	0.07	-	-	-	-	-	
	Gunnison Pit - Grade - Sulfide Cu	%	0.19	-	-	-	-	-	-	-	-	-	-	-	0.12	0.16	0.19	0.21	0.23	0.21	0.20	0.23	0.11	0.14	-	-	-	-	-	
2	Gunnison Pit - Grade - Total Cu	%	0.37	-	-	-	-	-	-	-	-	-	-	-	0.43	0.37	0.36	0.38	0.44	0.43	0.34	0.32	0.42	0.34	-	-	-	-	-	
	Strong & H Pit - Material Stacked	Mtons	2.6	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.9	1.7	-	-	-	-	-	-	-	-	-	-	-	
	Strong & H Pit - Grade - Acid Sol Cu	%	0.18	-	-	-	-	-	-	-	-	-	-	-	-	0.21	0.22	0.16	-	-	-	-	-	-	-	-	-	-	-	
	Strong & H Pit - Grade - Cyanide Sol Cu	%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Strong & H Pit - Grade - Sulfide Cu	%	0.65	-	-	-	-	-	-	-	-	-	-	-	-	0.38	0.72	0.62	-	-	-	-	-	-	-	-	-	-	-	
2	Strong & H Pit - Grade - Total Cu	%	0.82	-	-	-	-	-	-	-	-	-	-	-	-	0.58	0.93	0.77	-	-	-	-	-	-	-	-	-	-	-	
	Total - Material Stacked	Mtons	99.8	-	-	-	-	-	-	-	-	-	-	-	7.7	7.1	8.4	6.2	12.7	8.3	18.3	21.9	1.6	7.7	-	-	-	-	-	
	Total - Grade - Acid Soluble Cu	%	0.11	-	-	-	-	-	-	-	-	-	-	-	0.24	0.16	0.12	0.10	0.11	0.15	0.08	0.05	0.27	0.13	-	-	-	-	-	
	Total - Grade - Cyanide Soluble Cu	%	0.06	-	-	-	-	-	-	-	-	-	-	-	0.02	0.04	0.06	0.07	0.09	0.05	0.07	0.05	0.00	0.07	-	-	-	-	-	
	Total - Grade - Sulfide Cu	%	0.21	-	-	-	-	-	-	-	-	-	-	-	0.12	0.16	0.24	0.32	0.23	0.21	0.20	0.23	0.11	0.14	-	-	-	-	-	
2	Total - Grade - Total Cu	%	0.38	-	-	-	-	-	-	-	-	-	-	-	0.43	0.37	0.42	0.49	0.44	0.43	0.34	0.32	0.42	0.34	-	-	-	-	-	
	Recovery - Acid Soluble Cu	%	90.1	-	-	-	-	-	-	-	-	-	-	-	90.0	90.0	90.5	91.0	90.0	90.0	90.0	90.0	90.0	90.0	-	-	-	-	-	
	Recovery - Cyanide Soluble Cu	%	90.0	-	-	-	-	-	-	-	-	-	-	-	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	-	-	-	-	-	
	Recovery - Sulfide Cu	%	59.9	-	-	-	-	-	-	-	-	-	-	-	60.0	60.0	59.8	59.7	60.0	59.9	60.0	60.0	60.0	60.0	-	-	-	-	-	
	Recovery - Total Cu	%	72.1	-	-	-	-	-	-	-	-	-	-	-	62.5	72.3	69.7	70.6	68.0	75.6	69.0	65.9	180.5	78.1	-	-	-	-	-	
	Cathode Produced - Acid Soluble Cu	Mlbs	200.4	-	-	-	-	-	-	-	-	-	-	-	29.8	20.4	18.5	12.1	24.1	22.4	25.7	18.6	9.2	17.4	1.3	0.9	-	-	-	
	Cathode Produced - Cyanide Soluble Cu	Mlbs	106.3	-	-	-	-	-	-	-	-	-	-	-	2.8	5.2	8.8	7.8	19.7	8.2	21.3	19.1	2.1	10.1	0.5	0.5	-	-	-	
	Cathode Produced - Sulfide Cu	Mlbs	245.6	-	-	-	-	-	-	-	-	-	-	-	8.5	12.4	22.2	23.5	32.5	23.0	39.4	55.1	12.8	13.5	2.0	0.6	-	-	-	
	Cathode Produced - Total	Mlbs	552.4	-	-	-	-	-	-	-	-	-	-	-	41.1	38.1	49.6	43.4	76.4	53.6	86.4	92.8	24.1	41.0	3.8	2.0	-	-	-	
	Acid Consumption	Mtons	1.8	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.2	0.1	0.2	0.2	0.4	0.3	0.1	0.1	0.0	0.0	-	-	-	
	Acid Consumption	lb/ton	36.6	-	-	-	-	-	-	-	-	-	-	-	34.0	36.6	39.5	46.4	28.4	37.4	38.9	31.4	79.9	37.6	-	-	-	-	-	
	Material Sorter - Tons Sorted to Waste	Mtons	3.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.6	1.1	0.2	0.7	0.4	-	0.0	0.0	-	-	-	-	-	
	<b>Other</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cement Plant - Limestone Processed	Mtons	79.7	-	-	-	-	-	-	0.4	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	58.4
	Cement Plant - Cement Produced/Sold	Mtons	65.3	-	-	-	-	-	-	0.3	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	47.9
	Limestone Sold	Mtons	53.1	-	-	-	-	-	-	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	24.7
	Acid Sold	Mtons	18.3	-	-	0.3	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.3	0.2	0.1	0.2	0.1	0.2	0.1	0.3	0.3	0.3	0.3	0.3	0.3	14.1
	<b>Units Costs</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Mining - Material Moved	\$/ton	1.73	-	-	1.72	1.82	1.89	1.97	1.94	1.88	1.87	1.69	1.95	1.61	1.67	1.78	1.77	1.88	1.96	2.13	2.04	2.15	3.44	-	-	-	-	-	
	Mining - Material Moved (ex. Def Strip)	\$/ton	1.65	-	-	1.50	1.42	1.70	1.97	1.90	1.79	1.72	1.61	1.95	1.49	1.57	1.62	1.77	1.88	1.81	2.13	2.04	2.15	3.44	-	-	-	-	-	
	Copper Plant - Material Processed	\$/ton	3.70	-	-	4.01	4.81	3.80	3.69	3.81	4.04	4.11	3.46	2.79	3.11	3.72	4.38	4.55	4.12	4.11	3.47	3.27	2.26	3.30	-	-	-	-	-	
	G&A - Material Processed	\$/ton	0.26	-	-	0.41	0.48	0.35	0.31	0.32	0.32	0.34	0.28	0.23	0.24	0.28	0.32	0.31	0.24	0.26	0.18	0.12	0.13	0.13	-	-	-	-	-	
	Cash Cost	\$/lb	1.69	-	-	1.27	1.16	1.33	1.76	1.76	1.78	1.72	1.70	1.97	1.58	1.65	1.58	1.71	1.93	1.75	2.19	2.34	2.17	1.19	(1.46)	(4.43)	-	-	-	
	Sustaining Cash Cost	\$/lb	2.00	-	-	1.71	1.66	1.71	2.01	2.00	2.08	2.04	1.99	2.31	1.88	1.97	1.97	2.00	2.16	2.07	2.44	2.56	2.37	1.40	(1.25)	(4.23)	-	-	-	
	All In Sustaining Cash Cost (AISC)	\$/lb	2.06	-	-	1.77	1.72	1.77	2.07	2.06	2.14	2.09	2.05	2.37	1.94	2.03	2.03	2.05	2.21	2.13	2.49	2.61	2.43	1.46	(1.15)	(16.33)	-	-	-	

<sup>1</sup>Total recovery calculated as copper cathode produced divided by copper contained in ore stacked in period (i.e. includes impact of 36 month copper recovery curve)

<sup>2</sup>Total copper grade is the sum of acid soluble copper + cyanide soluble copper plus sulfide copper plus unrecoverable copper (not shown)

<sup>3</sup>Cash costs per pound of copper produced are skewed in the final two years due to small amounts of trailing copper production versus acid sale credits and salvage value credits

<sup>4</sup>Year 24 highlighted figures include amounts for years 24 to 70