

	A	B	C	E	F	G	H
2	<b>2021 Financial Warranty Calculation</b>						
3							
4							
5	Activity	Inflated or Bottom-up	LOM Unit	U. Cost \$ Full Build out Cost	Liability Percentage	Pro Rated Units Or Qty	U. Cost \$ TOTALS 2021FW
6							
7	<b>Direct Costs</b>						
8							
9	1.0) Roads, Railroads, Airstrips						\$2,719,497
10	Reclamation Area						
11	Road Maintenance	bottom-up	1.00	\$2,719,497	100%	0	\$2,719,497
12	2.0) Drill Sites, Drill Pads, Exploration Trenches						
13	Reclamation Area						
14	Exploration-Earthworks/Recontouring (unit cy)						
15	Exploration-Revegetation/Stabilization (unit acres)						
16	Exploration Roads & Drill Pads-Earthworks/Recontouring (unit cy)						
17	Exploration Roads & Drill Pads-Revegetation/Stabilization (unit acres)						
18	3.0) Drill Hole Abandonment		EA				\$132,020
19	Exploration Hole Abandonment (unit ea.)						
20	Well Abandonment (unit ea.)	bottom-up	71.00	\$1,859.44	100%	71	\$132,020
21	4.0) Pits, Borrow Areas & Trenches -		CY				\$
22			Acre				
23	Pits-Earthworks/Berm Construction (unit cy)						
24	Pits-Revegetation/Berm Construction (unit acres)						
25	Backfill Areas-Earthworks/Rip (unit acres)						
26	Backfill Areas-Revegetation/Stabilization (unit acres)						
27	Generic Material Hauling-Earthworks/Recontouring (unit cy)						
28	Generic Material Hauling-Revegetation/Stabilization (unit acres)						
29	4.1) Portals/Adits Underground Mines						
30							
31	5.0) Non-Process Ponds & Reservoirs		CY				\$386,129
32	Reclamation Area		Acres				\$18,665
33	Process Ponds-Earthworks/Recontouring (unit cy)	bottom-up	175,796.52	\$2.09	100%	175,796.52	\$367,464
34	Process Ponds-Revegetation/Stabilization (unit acres)	bottom-up	11.60	\$1,609.05	100%	11.60	\$18,665
35	6.1) Water Treatment/Management Heap Leach Pads						\$70,746,700
36	Treatment Volume						
37	Heaps (number of)	mixed	1.00	\$90,268,487	77.81%	1	\$70,236,723
38	Drilling to perforate liner	inflated	1.00	\$509,977.00	100%	1	\$509,977
39	6.2) Water Treatment/Management Pit Lakes						
40	Treatment Volume						
41	Monitoring						
42	6.3) Water Treatment/Management Waste Dump Seepage						
43	Treatment Volume						
44							
45	6.4) Water Treatment/Management Tails Storage Facility						
46	Treatment Volume						
47							
48	7.0) Heap Leach Pad Reclamation -	Regrading Oversteep Slopes	CY				\$27,867,107
49		Reclamation	Acres				
50	Heaps-Earthwork/Recontouring (unit cy)	bottom-up	6,641,561.00	\$0.57	77.81%	5,167,711.33	\$2,664,164
51	Heaps- Generic Hauling	bottom-up	24,884,418.76	\$1.24	77.81%	19,362,239.20	\$23,941,717
52	Heaps-Revegetation/Stabilization (unit acres)	bottom-up	1,207.27	\$1,572.62	77.81%	939.36	\$1,261,226
53	8.0) Waste Rock Dump, Stockpile, Landfill Reclamation		CY				\$13,793,668
54	Reclamation Area		Acres				
55	Waste Rock Dumps-Earthwork/Recontouring (unit cy) including generic hauling	bottom-up	13,290,533.00	\$0.62	80.91%	10,752,787.27	\$7,982,834
56	Waste Rock Dumps-Revegetation/Stabilization (acres)	bottom-up	1,679.32	\$1,572.52	80.91%	1,358.66	\$2,385,694
57	Landfills-Earthwork/Recontouring (unit cy)		-				
58	Landfills-Revegetation/Stabilization (acres)		-				
59	Tree Plantings (Includes Waste Dumps and Heap Leach)	inflated	2,032.80	\$1,727.43	100%	2,032.80	\$3,425,140
60	9.0) Tailing Storage Facility Reclamation						
61	Reclamation Area						
62	Tailings-Earthwork/Recontouring (unit cy)						
63	Tailings-Revegetation/Stabilization (acres)						
64	10.0) Drainage/Diversion Channels						\$12,915,100
65	Reclamation Area						
66	Construct Stormwater		1	\$16,274,652.00	79%		\$12,915,100
67	11.0) Facilities Demolition						\$11,029,587
68	Foundations & Building Areas Earthworks/Recontouring (cubic yards)- included in 8.0	bottom-up	65,252.00	\$3.03	100%	65,252.00	\$203,053
69	Foundations & Building Areas Revegetation/Stabilization (acres) - included in 8.0	bottom-up	11.50	\$4,431	100%	11.50	\$51,843
70	Foundations & Building Demolition (cubic feet)	bottom-up	17,020,302.00	\$0.31	100%	17,020,302.00	\$5,403,742
71	Yards, etc-Earthworks/Recontouring (unit cy) - Includes Ancillary Area Enhancement	bottom-up	1,154,340.00	\$0.17	100%	1,154,340.00	\$60,709
72	Yards, etc-Revegetation/Stabilization (acres)- Includes Ancillary Area Enhancement	bottom-up	1,549.80	\$1,572.62	100%	1,549.80	\$2,574,221
73	Other Demo -Mill Conveyor (feet) and Septic System (each)	bottom-up	1.00	\$75,071.00	100%	1.00	\$75,071
74	Fence Removal (feet)	bottom-up	12,285.00	\$3.89	100%	12,285.00	\$47,789
75	Fence Installation (feet)	bottom-up	22,542.00	\$83.09	100%	22,542.00	\$1,872,930
76	Pipe Removal (feet)	bottom-up	44,904.00	\$8.55	100%	44,904.00	\$383,970
77	Powerline and Substation Removal (miles)	bottom-up	9.13	\$43,518.62	100%	9.13	\$308,982
78	Tire Disposal	inflated	50.00	\$945.54	100%	50.00	\$47,277
79	12.0) Facilities/Equipment Disposition and/or Salvage						
80							
81	13.0) Inventory Disposition						
82							
83	14.0) Post Closure Monitoring						\$1,951,802
84	Reclamation-Monitoring & Maintenance (number of)	bottom-up	1	\$584,231	100%		\$584,231
85	Ground & Surface Water Monitoring (number of)	bottom-up	1	\$1,192,571	100%		\$1,192,571
86	Weed control	bottom-up	1	\$175,000	100%		\$175,000
87	<b>Total Direct Costs</b>						<b>\$141,541,611.4863</b>
88							
89	<b>Indirect Costs</b>						
90							

	A	B	C	E	F	G	H
91	<b>15.0) Socio-Economic Costs</b>						
92							
93	<b>16.0) Consultant Services</b>						
94							
95	<b>17.0) Contractor's Overhead &amp; Profit (if not included in direct costs)</b>						<b>\$20,745,408</b>
96	Construction Support	bottom-up	1.00	\$2,936,909.0	100%		\$2,936,909
97	Contractor Profit		1	\$17,808,498.00	100%		\$17,808,499
98							
99	<b>18.0) Owners Management (post closure)</b>						<b>\$22,152,387</b>
100	Viewshed Management and Safety Signs	inflated	1	\$27,232	100%		\$27,232
101	Engineering, Design and Construction		1	\$10,239,886	100%		\$10,239,887
102	Insurance		1	\$1,111,127	100%		\$1,111,127
103	Performance Bond		1	\$1,869,892	100%		\$1,869,892
104	Contractor Administration		1	\$8,904,249	100%		\$8,904,249
105	<b>19.0) Mobilization and Demobilization (if not included in direct costs)</b>						<b>\$599,177</b>
106	Mob-Demob		1.0	\$599,177.00	100%		\$599,177
107	Subtotal-Incremental						<b>\$185,038,584</b>
108							
109	<b>20.0) Contingency at 5%</b>						<b>\$11,575,525</b>
110			1	\$11,575,524.00	100%		\$11,575,525
111	<b>Total-C&amp;R-LOM-Incremental</b>						<b>\$196,758,774</b>