

Attachment B

Financial Assurance Current Dollar Reduction Cost Estimate

Only the pertinent sections are presented in hardcopy format; however, the electronic copies provided contain complete cost estimates.

Financial Assurance Release Cost Calculation

Scope of Work Completed: Complete Reclamation: Tailing Ponds 1, 1A and 1X, primary channel Tailing Pond 2

Colors on title blocks below correspond to color coding on tab "13...Earthsum" and "15...Other" to show exactly which cells were summed to match the scope of work and associated costs for the 2008 financial assurance reduction request.

Tailings Area

	TP No.1	TP No. 1A	TP No. 1X	Grand Total Tailing
Earthwork				
Pushdown existing outsoles	\$0	\$202,032	\$0	
Grade Existing Surface	\$3,938	\$4,532	\$5,504	
Grade GC Material (2)	\$8,155.00	\$6,808.44	\$10,166.79	
Rip Existing Surface	\$58,486	\$53,568	\$62,452	
Load GC Material on trucks (2)	\$6,470	\$5,702	\$7,201	
Haul GC Material (2)	\$9,465	\$8,342	\$10,535	
Scraper assist w/ dozer (2)	\$1,016,206	\$816,762	\$1,211,361	
Haul GC Material w/ scrapers (2)	\$1,416,760	\$1,138,702	\$1,688,837	
Revegetation 100% (plow, apply fertilizer, seed mix, mulch and crimp mulch)				
Other				
Fencing, TP perimeter	\$44,946	\$44,946	\$44,946	
Screening plant for rip rap prod. (3)	\$95,793	\$95,793	\$106,437	
Outslope ditch, 100'horiz. Int.	\$370,971	\$200,324	\$140,969	
Outslope ditch rip rap, haul (3)	\$189,947	\$102,572	\$80,200	
Outslope ditch rip rap, backfill (3)	\$44,572	\$24,069	\$18,819	
Channels	\$1,768,819	\$1,522,385	\$1,702,607	
Spillways & Stilling Basins	\$890,233	\$890,233	\$890,233	
Redesign of the Break Area	\$0	\$0	\$0	
Direct Cost Sum	\$5,924,761	\$5,116,769	\$5,980,267	
Indirect Sum 39.6%				
Indirect Cost Sum	\$2,346,205.29	\$2,026,240.56	\$2,368,185.62	
Total without NMGR =	\$8,270,966	\$7,143,010	\$8,348,452	\$23,762,428

Tailing Area (cont.)

	TP No.2			Grand Total Tailing
Earthwork				
Pushdown existing outsoles	\$0			
Grade Existing Surface	\$0			
Grade GC Material (2)	\$3,965			
Rip Existing Surface	\$0			
Load GC Material on trucks (2)	\$2,595			
Haul GC Material (2)	\$3,797			
Scraper assist w/ dozer (2)	\$489,852			
Haul GC Material w/ scrapers (2)	\$682,934			
Revegetation 100% (plow, apply fertilizer, seed mix, mulch and crimp mulch)				
Other				
Fencing, TP perimeter	\$0			
Screening plant for rip rap prod. (3)	\$21,287			

Attachment B - Table 1 - Financial Assurance Cost Estimates for Work Completed in 4 Tyrone Project Areas in 2003 Dollars

	TP No.2			Grand Total Tailing
Outslope ditch, 100'horiz. Int.	\$0			
Outslope ditch rip rap, haul (3)	\$37,145			
Outslope ditch rip rap, backfill (3)	\$8,716			
Channels	\$0			
Spillways & Stilling Basins	\$0			
Redesign of the Break Area	\$0			
Direct Cost Sum	\$1,250,291			
Indirect Sum 39.6%				
Indirect Cost Sum	\$495,115.42			
Total without NMGR =	\$1,745,407			<u>\$1,745,407</u>
Grand Total Tailing Work =				<u>\$25,507,835</u>

This amount to be removed from
NPV calculation
Att A

Notes:

- Significant areas were covered with greater than 3 feet of cover as follows: 1 dam = 77% > 3 ft cover, 1A dam = 56% > 3 ft. cover, 1X dam = 97% > 3ft, 2 dam = 71% > 3' cover.
- Because significant areas on these tailing dams were covered with greater than 3 feet of cover, Tyrone proposes different multipliers/factors from previous applications as follows:
Cover activities - previous years reduction multiplier was 0.5, Tyrone proposes to use the new multiplier factors shown below:

3 foot Cover Adjustments	% of Cover over 3 ft	Prev Reductions (%)	New Reduction Multiplier
Dam 1	77	0	0.885
Dam 1A	56	0	0.78
Dam 1X	97	0	0.985
Dam 2 (new multiplier accounts for previous red.)	71	50	0.355
- Riprap items - previous years reduction multiplier was 0.7, Tyrone proposes to use 0.9 since relatively little channel area is left with less than 3 feet of cover. Dam 2 already had a 0.7 reduction on riprap activities last year, so this adjustment takes it up to 0.9 with a smaller 0.2 multiplier.

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Stockpiles Area										
Dozers-Earthmoving										
D11N	Pushdown existing outcrops	No. 1 SP	Segment 1	219.43	25.00	95	23,148	43,796	cy	0.53
D11N	Pushdown existing outcrops	No. 1 SP	Segment 2	219.43	25.00	733	179,075	372,037	cy	0.48
D11N	Pushdown existing outcrops	No. 1 SP	Segment 3	219.43	25.00	185	45,174	100,556	cy	0.45
D11N	Pushdown existing outcrops	No. 1 SP	Segment 4	219.43	25.00	29	7,000	22,333	cy	0.31
D11N	Pushdown existing outcrops	No. 1 SP	Segment 5	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	No. 1A SP	Segment 1	219.43	25.00	2,204	538,682	479,630	cy	1.12
D11N	Pushdown existing outcrops	No. 1A SP	Segment 2	219.43	25.00	2,610	637,927	482,796	cy	1.32
D11N	Pushdown existing outcrops	No. 1A SP	Segment 3	219.43	25.00	279	68,136	80,889	cy	0.84
D11N	Pushdown existing outcrops	No. 1A SP	Segment 4	219.43	25.00	394	96,267	90,000	cy	1.07
D11N	Pushdown existing outcrops	No. 1A SP	Segment 5	219.43	25.00	617	150,819	156,667	cy	0.96
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
D11N	Pushdown existing outcrops	No. 1B SP	Segment 1	219.43	25.00	246	60,020	191,494	cy	0.31
D11N	Pushdown existing outcrops	No. 1B SP	Segment 2	219.43	25.00	1,453	355,130	350,455	cy	1.01
D11N	Pushdown existing outcrops	No. 1B SP	Segment 3	219.43	25.00	2,132	521,054	394,344	cy	1.32
D11N	Pushdown existing outcrops	No. 1B SP	Segment 4	219.43	25.00	1,009	246,742	292,924	cy	0.84
D11N	Pushdown existing outcrops	No. 1B SP	Segment 5	219.43	25.00	1,171	286,280	382,345	cy	0.75
D11N	Pushdown existing outcrops	No. 1B SP	Segment 6	219.43	25.00	133	32,407	103,395	cy	0.31
D11N	Pushdown existing outcrops	No. 1C SP	Segment 1	219.43	25.00	31	7,652	19,872	cy	0.39
D11N	Pushdown existing outcrops	No. 1C SP	Segment 2	219.43	25.00	409	99,933	189,078	cy	0.53
D11N	Pushdown existing outcrops	No. 1C SP	Segment 3	219.43	25.00	95	23,199	60,247	cy	0.39
D11N	Pushdown existing outcrops	No. 1C SP	Segment 4	219.43	25.00	1,064	259,958	414,701	cy	0.63
D11N	Pushdown existing outcrops	No. 1C SP	Segment 5	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	No. 1C SP	Segment 6	219.43	25.00	9,959	2,434,285	1,625,573	cy	1.50
D11N	Pushdown existing outcrops	No. 1C SP	Segment 7	219.43	25.00	1,790	437,581	409,092	cy	1.07
D11N	Pushdown existing outcrops	No. 1C SP	Segment 8	219.43	25.00	9,397	2,296,936	1,533,854	cy	1.50
D11N	Pullback: pioneer benching	No. 1C SP	Segment 9	219.43	25.00	0	0	40,278	cy	0.00
D11N	Pullback: pioneer benching	No. 1C SP	Segment 10	219.43	25.00	0	0	60,185	cy	0.00
D11N	Pullback: pioneer benching	No. 1C SP	Segment 11	219.43	25.00	0	0	42,130	cy	0.00
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---
	0 vacant		0	0	219.43	25.00	0	0	cy	---

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
D11N	Pushdown existing outcrops	No. 1D SP	Segment 1	219.43	25.00	3,322	811,982	1,295,321	cy	0.63
D11N	Pushdown existing outcrops	No. 1D SP	Segment 2	219.43	25.00	3,628	886,906	980,520	cy	0.90
D11N	Pushdown existing outcrops	No. 1D SP	Segment 3	219.43	25.00	1,933	472,382	441,628	cy	1.07
D11N	Pushdown existing outcrops	No. 1D SP	Segment 4	219.43	25.00	2,209	539,886	721,053	cy	0.75
D11N	Pushdown existing outcrops	No. 1D SP	Segment 5	219.43	25.00	1,004	245,340	345,871	cy	0.71
D11N	Pushdown existing outcrops	No. 1D SP	Segment 6	219.43	25.00	71	17,408	55,542	cy	0.31
D11N	Pushdown existing outcrops	No. 1D SP	Segment 7	219.43	25.00	15	3,700	11,806	cy	0.31
D11N	Pushdown existing outcrops	No. 1D SP	Segment 8	219.43	25.00	236	57,632	128,285	cy	0.45
D11N	Pushdown existing outcrops	No. 1D SP	Segment 9	219.43	25.00	5	1,112	3,549	cy	0.31
D11N	Pushdown existing outcrops	No. 1D SP	Segment 10	219.43	25.00	0	0	0	cy	—
D11N	Pushdown existing outcrops	No. 1D SP	Segment 11	219.43	25.00	118	28,769	68,307	cy	0.42
D11N	Pushdown existing outcrops	No. 1D SP	Segment 12	219.43	25.00	151	37,023	87,905	cy	0.42
D11N	Pushdown existing outcrops	No. 1D SP	Segment 13	219.43	25.00	407	99,504	188,267	cy	0.53
D11N	Pushdown existing outcrops	No. 2 SP	Segment 1	219.43	25.00	31	7,618	24,306	cy	0.31
D11N	Pushdown existing outcrops	No. 2 SP	Segment 2	219.43	25.00	100	24,341	54,181	cy	0.45
D11N	Pushdown existing outcrops	No. 2 SP	Segment 3	219.43	25.00	88	21,466	66,896	cy	0.32
D11N	Pushdown existing outcrops	No. 2 SP	Segment 4	219.43	25.00	1,328	324,491	486,347	cy	0.67
D11N	Pushdown existing outcrops	No. 2 SP	Segment 5	219.43	25.00	365	89,280	142,424	cy	0.63
D11N	Pushdown existing outcrops	No. 2 SP	Segment 6	219.43	25.00	33	8,052	25,092	cy	0.32
D11N	Pushdown existing outcrops	No. 2 SP	Segment 7	219.43	25.00	32	7,926	25,288	cy	0.31
D11N	Pushdown existing outcrops	No. 2 SP	Segment 8	219.43	25.00	726	177,405	226,405	cy	0.78
D11N	Pushdown existing outcrops	No. 2 SP	Segment 9	219.43	25.00	163	39,891	103,594	cy	0.39
D11N	Pushdown existing outcrops	No. 2 SP	Segment 10	219.43	25.00	0	0	0	cy	—
D11N	Pushdown existing outcrops	No. 2 SP	Segment 11	219.43	25.00	79	19,190	61,227	cy	0.31
D11N	Pushdown existing outcrops	No. 2 SP	Segment 12	219.43	25.00	0	0	0	cy	—
D11N	Pushdown existing outcrops	No. 2 SP	Segment 13	219.43	25.00	590	144,186	272,808	cy	0.53
D11N	Pushdown existing outcrops	No. 2A SP	Segment 1	219.43	25.00	6,420	1,569,321	1,187,694	cy	1.32
D11N	Pushdown existing outcrops	No. 2A SP	Segment 2	219.43	25.00	6,892	1,684,568	1,374,908	cy	1.23
D11N	Pushdown existing outcrops	No. 2A SP	Segment 3	219.43	25.00	0	0	0	cy	—
D11N	Pushdown existing outcrops	No. 2A SP	Segment 4	219.43	25.00	0	0	0	cy	—
D11N	Pushdown existing outcrops	No. 2A SP	Segment 5	219.43	25.00	498	121,751	388,450	cy	0.31
D11N	Pushdown existing outcrops	No. 2A SP	Segment 6	219.43	25.00	1,150	281,141	396,342	cy	0.71
D11N	Pushdown existing outcrops	No. 2A SP	Segment 7	219.43	25.00	28,469	6,958,610	3,356,051	cy	2.07
D11N	Pushdown existing outcrops	No. 2A SP	Segment 8	219.43	25.00	3,698	903,900	804,812	cy	1.12
D11N	Pushdown existing outcrops	No. 2A SP	Segment 9	219.43	25.00	9,348	2,284,907	1,474,961	cy	1.55
D11N	Pushdown existing outcrops	No. 2A SP	Segment 10	219.43	25.00	6,269	1,532,327	1,364,348	cy	1.12
	0 vacant	0	0	219.43	25.00	0	0	0	cy	—
	0 vacant	0	0	219.43	25.00	0	0	0	cy	—
	0 vacant	0	0	219.43	25.00	0	0	0	cy	—
D11N	Pushdown existing outcrops	No. 2A SP	Segment 11	219.43	25.00	3,945	964,378	1,230,746	cy	0.78

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
D11N	Pushdown existing outcrops	No. 2A SP	Segment 12	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	No. 3 SP	Segment 1	219.43	25.00	8,162	1,994,932	2,205,500	cy	0.90
D11N	Pushdown existing outcrops	No. 3 SP	Segment 2	219.43	25.00	27,113	6,627,343	4,425,625	cy	1.50
D11N	Pushdown existing outcrops	No. 3 SP	Segment 3	219.43	25.00	10,065	2,460,207	2,007,969	cy	1.23
D11N	Pushdown existing outcrops	No. 3 SP	Segment 4	219.43	25.00	1,110	271,256	382,407	cy	0.71
D11N	Pushdown existing outcrops	No. 3 SP	Segment 5	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	No. 3 SP	Segment 6	219.43	25.00	36	8,880	28,333	cy	0.31
D11N	Pushdown existing outcrops	No. 3 SP	Segment 7	219.43	25.00	482	117,854	279,825	cy	0.42
D11N	Pushdown existing outcrops	No. 3B SP	Segment 1	219.43	25.00	813	198,791	297,948	cy	0.67
D11N	Pushdown existing outcrops	No. 3B SP	Segment 2	219.43	25.00	56	13,685	30,462	cy	0.45
D11N	Pushdown existing outcrops	No. 3B SP	Segment 3	219.43	25.00	672	164,296	341,333	cy	0.48
D11N	Pushdown existing outcrops	No. 3B SP	Segment 4	219.43	25.00	516	126,014	280,500	cy	0.45
D11N	Pushdown existing outcrops	No. 3B SP	Segment 5	219.43	25.00	161	39,420	125,771	cy	0.31
D11N	Pushdown existing outcrops	No. 3B SP	Segment 6	219.43	25.00	9,018	2,204,169	1,717,224	cy	1.28
D11N	Pushdown existing outcrops	No. 9A SP	All Segments	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	Main Pit SP	Segment 1	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	Main Pit SP	Segment 2	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	Main Pit SP	Segment 3	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	Gettysburg In-Pit S	All Segments	219.43	25.00	0	0	0	cy	---
D11N	Pushdown existing outcrops	Gettysburg Out-Pit	Segment 1	219.43	25.00	204	49,865	129,496	cy	0.39
D11N	Pushdown existing outcrops	East Main Pit SP	Segment 1	219.43	25.00	1,220	298,151	951,257	cy	0.31
D11N	Pushdown existing outcrops	Savanna Stockpile	Segment 1	219.43	25.00	138	33,671	107,429	cy	0.31
D11N	Pushdown existing outcrops	Savanna Stockpile	Segment 2	219.43	25.00	280	68,376	218,156	cy	0.31
D11N	Pushdown existing outcrops	Raffinate Tanks OE	Segment 1	219.43	25.00	15	3,718	11,861	cy	0.31
Dozers-Grading										
D11N	Grade existing surface	No. 1 SP	top	219.43	25.00	19	4,534	103.7	ac	43.72
D11N	Grade existing surface	No. 1A SP	top	219.43	25.00	3	632	14.4	ac	43.72
D11N	Grade existing surface	No. 1B SP	top	219.43	25.00	9	2,203	50.4	ac	43.72
D11N	Grade existing surface	No. 1C SP	top	219.43	25.00	29	6,980	159.6	ac	43.72
D11N	Grade existing surface	No. 1D SP	top	219.43	25.00	9	2,214	50.6	ac	43.72
D11N	Grade existing surface	No. 2 SP	top	219.43	25.00	81	19,772	452.2	ac	43.72
D11N	Grade existing surface	No. 2A SP	top	219.43	25.00	15	3,558	81.4	ac	43.72
D11N	Grade existing surface	No. 3 SP	top	219.43	25.00	5	1,199	27.4	ac	43.72
D11N	Grade existing surface	No. 3B SP	top	219.43	25.00	16	4,016	91.9	ac	43.72
D11N	Grade existing surface	No. 9A SP	top	219.43	25.00	0	0	0.0	ac	---
D11N	Grade existing surface	Main Pit SP	top	219.43	25.00	0	0	0.0	ac	---
D11N	Grade existing surface	Gettysburg In-Pit S	top	219.43	25.00	0	0	0.0	ac	---
D11N	Grade existing surface	Gettysburg Out-Pit	top	219.43	25.00	15	3,629	83.0	ac	43.72
D11N	Grade existing surface	East Main Pit SP	top	219.43	25.00	0	120	2.8	ac	43.72
D11N	Grade existing surface	Savanna Stockpile	top	219.43	25.00	0	87	2.0	ac	43.72

BOND AMOUNT CALCULATION

New Mexico Mining and Minerals Division

Summary Calculation of Earthmoving Costs

Tyrone Mine

Worksheet #13

05/10/02

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
D11N	Grade existing surface	USNR Stockpile	top	219.43	25.00	1	306	7.0	ac	43.72
D11N	Grade existing surface	Raffinate Tanks OE	top	219.43	25.00	1	306	7.0	ac	43.72
D11N	Grade GC material	No. 1 SP	top	219.43	25.00	11	2,789	103.7	ac	26.90
D11N	Grade GC material	No. 1A SP	top	219.43	25.00	2	389	14.4	ac	26.90
D11N	Grade GC material	No. 1B SP	top	219.43	25.00	6	1,355	50.4	ac	26.90
D11N	Grade GC material	No. 1C SP	top	219.43	25.00	18	4,294	159.6	ac	26.90
D11N	Grade GC material	No. 1D SP	top	219.43	25.00	6	1,362	50.6	ac	26.90
D11N	Grade GC material	No. 2 SP	top	219.43	25.00	50	12,163	452.2	ac	26.90
D11N	Grade GC material	No. 2A SP	top	219.43	25.00	9	2,189	81.4	ac	26.90
D11N	Grade GC material	No. 3 SP	top	219.43	25.00	3	737	27.4	ac	26.90
D11N	Grade GC material	No. 3B SP	top	219.43	25.00	10	2,471	91.9	ac	26.90
D11N	Grade GC material	No. 9A SP	top	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Main Pit SP	top	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Gettysburg In-Pit S	top	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Gettysburg Out-Pit	top	219.43	25.00	9	2,232	83.0	ac	26.90
D11N	Grade GC material	East Main Pit SP	top	219.43	25.00	0	74	2.8	ac	26.90
D11N	Grade GC material	Savanna Stockpile	top	219.43	25.00	0	54	2.0	ac	26.90
D11N	Grade GC material	USNR Stockpile	top	219.43	25.00	1	188	7.0	ac	26.90
D11N	Grade GC material	Raffinate Tanks OE	top	219.43	25.00	1	188	7.0	ac	26.90
D11N	Grade GC material	No. 1 SP	outslopes	219.43	25.00	6	1,491	77.6	ac	19.21
D11N	Grade GC material	No. 1A SP	outslopes	219.43	25.00	5	1,174	61.1	ac	19.21
D11N	Grade GC material	No. 1B SP	outslopes	219.43	25.00	12	3,009	156.6	ac	19.21
D11N	Grade GC material	No. 1C SP	outslopes	219.43	25.00	12	2,958	154.0	ac	19.21
D11N	Grade GC material	No. 1D SP	outslopes	219.43	25.00	19	4,528	235.7	ac	19.21
D11N	Grade GC material	No. 2 SP	outslopes	219.43	25.00	12	3,019	157.2	ac	19.21
D11N	Grade GC material	No. 2A SP	outslopes	219.43	25.00	32	7,783	405.1	ac	19.21
D11N	Grade GC material	No. 3 SP	outslopes	219.43	25.00	24	5,901	307.1	ac	19.21
D11N	Grade GC material	No. 3B SP	outslopes	219.43	25.00	4	1,052	54.8	ac	19.21
D11N	Grade GC material	No. 9A SP	outslopes	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Main Pit SP	outslopes	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Gettysburg In-Pit S	outslopes	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Gettysburg Out-Pit	outslopes	219.43	25.00	1	134	7.0	ac	19.21
D11N	Grade GC material	East Main Pit SP	outslopes	219.43	25.00	0	71	3.7	ac	19.21
D11N	Grade GC material	Savanna Stockpile	outslopes	219.43	25.00	1	346	18.0	ac	19.21
D11N	Grade GC material	USNR Stockpile	outslopes	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	Raffinate Tanks OE	outslopes	219.43	25.00	0	38	2.0	ac	19.21
D11N	Grade GC material	Mine Maintenance	at foundations	219.43	25.00	0	0	0.0	ac	---
D11N	Grade GC material	SX/EW Plant	at foundations	219.43	25.00	0	0	0.0	ac	---

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Rippers										
D11N	Rip existing surface	No. 1 SP	top	245.47	25.00	61	16,449	104	ac	158.64
D11N	Rip existing surface	No. 1A SP	top	245.47	25.00	8	2,292	14	ac	158.64
D11N	Rip existing surface	No. 1B SP	top	245.47	25.00	30	7,993	50	ac	158.64
D11N	Rip existing surface	No. 1C SP	top	245.47	25.00	94	25,325	160	ac	158.64
D11N	Rip existing surface	No. 1D SP	top	245.47	25.00	30	8,033	51	ac	158.64
D11N	Rip existing surface	No. 2 SP	top	245.47	25.00	265	71,738	452	ac	158.64
D11N	Rip existing surface	No. 2A SP	top	245.47	25.00	48	12,910	81	ac	158.64
D11N	Rip existing surface	No. 3 SP	top	245.47	25.00	16	4,350	27	ac	158.64
D11N	Rip existing surface	No. 3B SP	top	245.47	25.00	54	14,572	92	ac	158.64
D11N	Rip existing surface	No. 9A SP	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Main Pit SP	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Gettysburg In-Pit S	top	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Gettysburg Out-Pit	top	245.47	25.00	49	13,167	83	ac	158.64
D11N	Rip existing surface	East Main Pit SP	top	245.47	25.00	2	437	3	ac	158.64
D11N	Rip existing surface	Savanna Stockpile	top	245.47	25.00	1	317	2	ac	158.64
D11N	Rip existing surface	USNR Stockpile	top	245.47	25.00	4	1,110	7	ac	158.64
D11N	Rip existing surface	Raffinate Tanks	OE top	245.47	25.00	4	1,110	7	ac	158.64
D11N	Rip existing surface	Haul Roads	all surfaces	245.47	25.00	29	7,932	50	ac	158.64
D11N	Rip existing surface	Mine Maintenance	exposed soil	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	SX/EW Plant	exposed soil	245.47	25.00	0	0	0	ac	---
D11N	Rip existing surface	Reservoirs	all surfaces	245.47	25.00	29	7,932	50	ac	158.64
D11N	Rip existing surface	all stockpiles	outslopes	245.47	25.00	NA	0	0	ac	---
D11N	Rip existing surface	Miscellaneous	all surfaces	245.47	25.00	59	15,864	100	ac	158.64
Loaders										
EX350	Load GC material on trucks	No. 1D SP	No. 1 SP	568.73	25.00	424	251,606	978,578	cy	0.26
EX350	Load GC material on trucks	No. 1 SP borrow	No. 1 SP	568.73	25.00	12	7,395	30,613	cy	0.24
EX350	Load GC material on trucks	No. 1D SP	No. 1A SP	568.73	25.00	186	110,294	420,419	cy	0.26
EX350	Load GC material on trucks	No. 1D SP	No. 1B SP	568.73	25.00	469	278,341	1,152,268	cy	0.24
EX350	Load GC material on trucks	No. 1D SP	No. 1C SP	568.73	25.00	725	430,204	1,745,414	cy	0.25
EX350	Load GC material on trucks	No. 1D SP	No. 1D SP	568.73	25.00	648	384,932	1,593,530	cy	0.24
EX350	Load GC material on trucks	No. 1D SP	No. 2 SP	568.73	25.00	1,384	821,571	3,391,641	cy	0.24
EX350	Load GC material on trucks	No. 1D SP	No. 2A SP	568.73	25.00	1,168	693,509	2,707,712	cy	0.26
EX350	Load GC material on trucks	No. 1D SP	No. 3 SP	568.73	25.00	806	478,451	1,862,202	cy	0.26
EX350	Load GC material on trucks	No. 1D SP	No. 3B SP	568.73	25.00	357	211,673	816,171	cy	0.26
EX350	Load GC material on trucks	No. 1D SP	No. 9A SP	568.73	25.00	0	0	0	cy	---
EX350	Load GC material on trucks	No. 1D SP	Main Pit SP	568.73	25.00	0	0	0	cy	---
EX350	Load GC material on trucks	No. 1D SP	Gettysburg In-Pit SP	568.73	25.00	0	0	0	cy	---
EX350	Load GC material on trucks	No. 1D SP	Gettysburg Out-Pit S	568.73	25.00	204	121,007	500,940	cy	0.24
EX350	Load GC material on trucks	No. 1D SP	East Main Pit SP	568.73	25.00	15	9,027	35,778	cy	0.25
EX350	Load GC material on trucks	No. 1D SP	Savanna Stockpile	568.73	25.00	45	26,890	111,320	cy	0.24

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
EX350	Load GC material on trucks	No. 1D SP	USNR Stockpile area	568.73	25.00	0	0	0	cy	---
EX350	Load GC material on trucks	No. 1D SP	Raffinate Tanks OB	568.73	25.00	20	12,101	50,094	cy	0.24
EX350	Load GC material on trucks	No. 1D SP	Mine Maintenance	568.73	25.00	0	0	0	cy	---
EX350	Load GC material on trucks	No. 1D SP	SX/EW Plant	568.73	25.00	0	0	0	cy	---
EX350	Pullback: load SP mat'l on trucks	No. 1C SP	Segment 9	568.73	25.00	2,381	1,413,661	5,852,222	cy	0.24
EX350	Pullback: load SP mat'l on trucks	No. 1C SP	Segment 10	568.73	25.00	6,916	4,106,468	16,999,811	cy	0.24
EX350	Pullback: load SP mat'l on trucks	No. 1C SP	Segment 11	568.73	25.00	2,426	1,440,205	5,962,111	cy	0.24
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---
	0 vacant		0	0	568.73	25.00	0	0	cy	---

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Trucks										
530M	Haul GC material	No. 1D SP	No. 1 SP	264.55	25.00	3,390	981,619	978,578	cy	1.00
530M	Haul GC material	No. 1 SP borrow ar	No. 1 SP	264.55	25.00	37	10,819	30,613	cy	0.35
530M	Haul GC material	No. 1D SP	No. 1A SP	264.55	25.00	1,672	484,091	420,419	cy	1.15
530M	Haul GC material	No. 1D SP	No. 1B SP	264.55	25.00	4,219	1,221,668	1,152,268	cy	1.06
530M	Haul GC material	No. 1D SP	No. 1C SP	264.55	25.00	7,246	2,098,009	1,745,414	cy	1.20
530M	Haul GC material	No. 1D SP	No. 1D SP	264.55	25.00	1,945	563,169	1,593,530	cy	0.35
530M	Haul GC material	No. 1D SP	No. 2 SP	264.55	25.00	20,756	6,009,923	3,391,641	cy	1.77
530M	Haul GC material	No. 1D SP	No. 2A SP	264.55	25.00	15,185	4,396,716	2,707,712	cy	1.62
530M	Haul GC material	No. 1D SP	No. 3 SP	264.55	25.00	7,253	2,099,969	1,862,202	cy	1.13
530M	Haul GC material	No. 1D SP	No. 3B SP	264.55	25.00	3,209	929,053	816,171	cy	1.14
530M	Haul GC material	No. 1D SP	No. 9A SP	264.55	25.00	0	0	0	cy	---
530M	Haul GC material	No. 1D SP	Main Pit SP	264.55	25.00	0	0	0	cy	---
530M	Haul GC material	No. 1D SP	Gettysburg In-Pit SP	264.55	25.00	0	0	0	cy	---
530M	Haul GC material	No. 1D SP	Gettysburg Out-Pit S	264.55	25.00	2,446	708,148	500,940	cy	1.41
530M	Haul GC material	No. 1D SP	East Main Pit SP	264.55	25.00	91	26,415	35,778	cy	0.74
530M	Haul GC material	No. 1D SP	Savanna Stockpile	264.55	25.00	362	104,911	111,320	cy	0.94
530M	Haul GC material	No. 1D SP	USNR Stockpile are:	264.55	25.00	0	0	0	cy	---
530M	Haul GC material	No. 1D SP	Raffinate Tanks OB	264.55	25.00	204	59,012	50,094	cy	1.18
530M	Haul GC material	No. 1D SP	Mine Maintenance	264.55	25.00	0	0	0	cy	---
530M	Haul GC material	No. 1D SP	SX/EW Plant	264.55	25.00	0	0	0	cy	---
530M	Pullback: haul SP mat'l	No. 1C SP	Segment 9	264.55	25.00	4,762	1,378,821	5,852,222	cy	0.24
530M	Pullback: haul SP mat'l	No. 1C SP	Segment 10	264.55	25.00	13,833	4,005,265	16,999,811	cy	0.24
530M	Pullback: haul SP mat'l	No. 1C SP	Segment 11	264.55	25.00	4,851	1,404,712	5,962,111	cy	0.24
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	#DIV/0!	0	0	cy	---
0 vacant		0	0	264.55	25.00	#DIV/0!	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
0 vacant		0	0	264.55	25.00	0	0	0	cy	---
								15,396,679		

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Tailings Area										
Dozers-Earthmoving										
D11N	Pushdown existing outsoles	TP 1A	Segment 1	219.43	25.00	191	46,754	163,875	cy	0.29
D11N	Pushdown existing outsoles	TP 1A	Segment 2	219.43	25.00	73	17,747	50,097	cy	0.35
D11N	Pushdown existing outsoles	TP 1A	Segment 3	219.43	25.00	490	119,888	276,383	cy	0.43
D11N	Pushdown existing outsoles	TP 1A	Segment 4	219.43	25.00	72	17,643	42,334	cy	0.42
Dozers-Grading										
D8R	Grade existing surface	TP 1	top	80.50	25.00	37	3,938	239.0	ac	16.48
D8R	Grade existing surface	TP 1A	top	80.50	25.00	43	4,532	275.0	ac	16.48
D8R	Grade existing surface	TP 1X	top	80.50	25.00	52	5,504	334.0	ac	16.48
D8R	Grade existing surface	TP 2	top	80.50	25.00	50	5,224	317.0	ac	16.48
D8R	Grade existing surface	TP 3	top	80.50	25.00	51	5,339	324.0	ac	16.48
D8R	Grade existing surface	TP 3X	top	80.50	25.00	32	3,378	205.0	ac	16.48
D8R	Grade existing surface	Burro Mountain TP	top	80.50	25.00	7	692	42.0	ac	16.48
D11N	Grade GC material	TP 1	top	219.43	25.00	26	6,428	239.0	ac	26.90
D11N	Grade GC material	TP 1A	top	219.43	25.00	30	7,397	275.0	ac	26.90
D11N	Grade GC material	TP 1X	top	219.43	25.00	37	8,984	334.0	ac	26.90
D11N	Grade GC material	TP 2	top	219.43	25.00	35	8,526	317.0	ac	26.90
D11N	Grade GC material	TP 3	top	219.43	25.00	36	8,715	324.0	ac	26.90
D11N	Grade GC material	TP 3X	top	219.43	25.00	23	5,514	205.0	ac	26.90
D11N	Grade GC material	Burro Mountain TP	top	219.43	25.00	5	1,130	42.0	ac	26.90
D11N	Grade GC material	TP 1	outslopes	219.43	25.00	10	2,338	113.0	ac	20.69
D11N	Grade GC material	TP 1A	outslopes	219.43	25.00	4	884	46.0	ac	19.21
D11N	Grade GC material	TP 1X	outslopes	219.43	25.00	4	890	43.0	ac	20.69
D11N	Grade GC material	TP 2	outslopes	219.43	25.00	9	2,193	106.0	ac	20.69
D11N	Grade GC material	TP 3	outslopes	219.43	25.00	10	2,462	119.0	ac	20.69
D11N	Grade GC material	TP 3X	outslopes	219.43	25.00	6	1,552	75.0	ac	20.69
D11N	Grade GC material	Burro Mountain TP	outslopes	219.43	25.00	1	307	16.0	ac	19.21
D11N	Grade GC material	TP misc. dist.	all surfaces	219.43	25.00	11	2,690	100.0	ac	26.90
Rippers										
D11N	Rip existing surface	TP 1	top	245.47	25.00	140	37,915	239	ac	158.64
D11N	Rip existing surface	TP 1A	top	245.47	25.00	161	43,627	275	ac	158.64
D11N	Rip existing surface	TP 1X	top	245.47	25.00	196	52,987	334	ac	158.64
D11N	Rip existing surface	TP 2	top	245.47	25.00	186	50,290	317	ac	158.64
D11N	Rip existing surface	TP 3	top	245.47	25.00	190	51,400	324	ac	158.64
D11N	Rip existing surface	TP 3X	top	245.47	25.00	120	32,522	205	ac	158.64
D11N	Rip existing surface	Burro Mountain TP	top	245.47	25.00	0	0	0	ac	—
D11N	Rip existing surface	TP 1	outslopes	245.47	25.00	66	17,927	113	ac	158.64
D11N	Rip existing surface	TP 1A	outslopes	245.47	25.00	27	7,298	46	ac	158.64
D11N	Rip existing surface	TP 1X	outslopes	245.47	25.00	25	6,822	43	ac	158.64

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
D11N	Rip existing surface	TP 2	outslopes	245.47	25.00	62	16,816	106	ac	158.64
D11N	Rip existing surface	TP 3	outslopes	245.47	25.00	70	18,878	119	ac	158.64
D11N	Rip existing surface	TP 3X	outslopes	245.47	25.00	44	11,898	75	ac	158.64
D11N	Rip existing surface	Burro Mountain TP	outslopes	245.47	25.00	0	0	0	ac	—
D11N	Rip existing surface	TP misc. dist.	all surfaces	245.47	25.00	59	15,864	100	ac	158.64
Loaders										
EX350L	Load GC material on trucks	TP BM Borrow	Burro Mountain TP	568.73	25.00	128	75,818	322,828	cy	0.23
EX350L	Load GC material on trucks	TP Borrow	TP misc. dist.	568.73	25.00	74	43,861	185,533	cy	0.24
Trucks										
530M	Haul GC material	TP BM Borrow	Burro Mountain TP	264.55	25.00	1,277	369,747	322,828	cy	1.15
530M	Haul GC material	TP Borrow	TP misc. dist.	264.55	25.00	222	64,170	185,533	cy	0.35
Scrapers										
D9	Scraper assist w/ dozer	TP 1 Borrow	TP 1	117.76	25.00	8,043	1,148,256	1,959,232	cy	0.59
D9	Scraper assist w/ dozer	TP 1A Borrow	TP 1A	117.76	25.00	7,335	1,047,131	1,786,686	cy	0.59
D9	Scraper assist w/ dozer	TP 1X Borrow	TP 1X	117.76	25.00	8,614	1,229,808	2,098,382	cy	0.59
D9	Scraper assist w/ dozer	TP 2 Borrow	TP 2	117.76	25.00	9,666	1,379,864	2,354,418	cy	0.59
D9	Scraper assist w/ dozer	TP 3 Borrow	TP 3	117.76	25.00	10,123	1,445,106	2,465,738	cy	0.59
D9	Scraper assist w/ dozer	TP 3X Borrow	TP 3X	117.76	25.00	7,021	1,002,277	1,710,154	cy	0.59
651E	Haul GC material w/ scrapers	TP 1 Borrow	TP 1	174.03	25.00	8,043	1,600,858	1,959,232	cy	0.82
651E	Haul GC material w/ scrapers	TP 1A Borrow	TP 1A	174.03	25.00	7,335	1,459,874	1,786,686	cy	0.82
651E	Haul GC material w/ scrapers	TP 1X Borrow	TP 1X	174.03	25.00	8,614	1,714,556	2,098,382	cy	0.82
651E	Haul GC material w/ scrapers	TP 2 Borrow	TP 2	174.03	25.00	9,666	1,923,759	2,354,418	cy	0.82
651E	Haul GC material w/ scrapers	TP 3 Borrow	TP 3	174.03	25.00	10,123	2,014,717	2,465,738	cy	0.82
651E	Haul GC material w/ scrapers	TP 3X Borrow	TP 3X	174.03	25.00	7,021	1,397,340	1,710,154	cy	0.82
								24,749,219		

Equipment Type	Task	Location 1	Location 2	Owning and Operating Cost (\$/hr)	Labor Cost (\$/hr)	Time Req'd (hrs)	Total Cost (\$)	Total Production	Prod. Unit	Unit Cost (\$/unit)
Tailing Pipeline Corridor										
Dozers-Earthmoving										
0		0	0	219.43	25.00	0	0	0	cy	NA
Dozers-Grading										
D11N	Grade GC material	Pipeline Corridor		219.43	25.00	3	652	24	ac	26.90
Rippers										
D11N	Rip existing surface	Pipeline Corridor		245.47	25.00	14	3,846	24	ac	158.64
Loaders										
EX350	Load GC material on trucks	Pipeline Corridor		568.73	25.00	16	9,756	44,978	cy	0.22
Trucks										
530M	Haul GC material	Pipeline Corridor		264.55	25.00	55	16,010	44,978	cy	0.36
Total Cost							\$100,059,460			