



FREEPORT-McMoRAN

Freeport-McMoRan Chino Mines Company
P.O. Box 10
Bayard, NM 88023

September 12, 2024

Certified Mail # 70190140000026680402

Mr. Kevin Myers
Energy, Minerals and Natural Resources Department
Mining and Minerals Division (MMD)
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Myers:

Re: Freeport-McMoRan Chino Mines Company's- Continental Mine Reclamation Cost Estimate Update, Permit GR002RE and Discharge Permit 1403

Freeport-McMoRan Chino Mines Company (Chino) submitted an application to renew the Continental Mine Closure/Closeout Plan (CCP), Permit GR002RE on July 31, 2023. In a letter dated February 19, 2024, Mining and Minerals Division (MMD) requested supplemental information and submitted a combined agency review comments and Request for Additional Information (RAI). On April 30, 2024, Chino submitted the response to agencies' comments and request for additional information. On June 25, 2024, MMD determined Chino's RTC and Updated CCP to be technically approvable and provided additional comments. On August 15, 2024, Chino provided response to agencies' comments and the updated Reclamation Cost Estimate (RCE). On August 23, 2024, Chino received an email from MMD outlining required adjustments to the Continental Mine's RCE. As the modifications are minor, Chino is providing replacement pages of the Earthwork Cost Estimate Process Summary Report, completed by Telesto Solutions, Inc.

This letter provides Freeport-McMoRan Chino Mines Company's (Chino) final update to the Continental Mine Reclamation Cost Estimate as part of its pending application to revise permit GR002RE and to renew DP-1403.

If you have any questions or concerns, please contact me at 575-694-0013 or Mariana Lafon at 575-912-5234.

Sincerely,



Tyler R. Johnson, Chief Engineer
Environmental Services

TRJ:ml
Enclosures
20240909-005

ec: David Ennis, MMD
David Mercer, NMED



September 3, 2024

Via Electronic Mail

Ms. Mariana Lafon
Freeport-McMoRan Cobre Mining Company
303 Fierro Road
Hanover, New Mexico 88041

**Subject: Freeport-McMoRan Cobre Mining Company's
Reclamation Cost Estimate Update**

Dear Mariana:

Based on our meeting earlier today, two adjustments to the RCE spreadsheet resulted in a cost adjustment from \$27,617,771 to a final cost estimate of **\$27,482,035**. The first adjustment involved the revegetation unit cost. In the last submittal, Telesto escalated the fuel per unit cost by 20.13% to adjust for inflation. However, updating all the equipment and line-item costs to 2024 pricing accounted for inflation. Therefore, the submitted RCE double-counted inflation on revegetation cost. This adjustment changed the revegetation base per unit cost from \$1,158.15 to \$964.08 (U2a, on the Unit Rates sheet), which affected the subsequent cost of revegetating each area of the site (see sheet 14, EarthSum, and sheet 15, Revegetation). This ultimately changed the total from \$27,617,771 to \$27,381,191.

Additionally, MMD asked, and Chino concurs, that we include an additional 8,000 feet for exploration and well plugging. After adding 8,000 feet of well plugging to our "Quantities," there were further changes in the "Earthwork" (sheet 4) and "Other" (sheet 16) tabs. The revegetation and well-plugging adjustments together affected the "Facility Characteristics" (sheet 18) and "Sum" (sheet 17), giving a final total price of **\$27,482,035**. All adjusted sheets have been included below for your reference.

Sincerely,
Telesto Solutions, Inc.

A handwritten signature in black ink that reads "D Mawlawi".

Dena Mawlawi
Mathematician

**To replace pages 13, 27
and 28 in the RCE**

Table 4 Miscellaneous Unit Costs

Activity	Base Per Unit Cost	Fuel Per Unit Cost	Units	Source	Reference
Fuel	\$3.06	\$-	gal	-	Diesel fuel cost is estimated by correlating historical local quotes with public data, as agreed upon in November 2018 discussions with the agencies. Fuel cost includes direct and indirect costs as agreed upon in a letter to MMD dated January 18 2022.
Revegetation	\$964.08	\$5.03	ac	Revegetation Unit Cost Sheet	See unit rates calculations - Cost is based on a calculated unit rate that includes tractor rental and maintenance, fuel, scarifying, discing, drill seeding, mulching, crimping, seed, and mulch.
Seed	\$245.70	\$-	ac	Quote	Rocky Mountain Reclamation, 4/2018, est. cost for seed at 8.9 PLS/ac, \$210/ac. Escalated 2% 2018-2021, then 5% 2021-2023
Mulch	\$286.65	\$-	ton	Quote	Rocky Mountain Reclamation, 4/2018, est. cost for hay mulch (nox. weed free, native), \$245/ton). Escalated 2% 2018-2021, then 5% 2021-2023
Manual Seeding	\$302.40	\$-	day	Means Line Item 329343.10 0560	Planting, trees, shrubs, and ground cover, medium soil, bare root seedlings, 3" to 5", includes planting only
Bench Grading Stockpile	\$1.88	\$0.48	ft	Bench Grading Unit Cost Sheet	See unit rates calculations
Bench Grading Tailings Pond	\$1.88	\$0.48	ft	Bench Grading Unit Cost Sheet	See unit rates calculations
Down drain Construction	\$389.79	\$-	ft	Downdrain Unit Cost Sheet	See unit rates calculations
Down drain Dissipater	\$16,045.45	\$-	ea	Downdrain Unit Cost Sheet	See unit rates calculations
Channel Construction w/ Riprap	\$7.85	\$1.58	ft	Channel Unit Cost Sheet	See unit rates calculations
Channel Construction w/o Riprap	\$0.57	\$0.15	ft	Channel Unit Cost Sheet	See unit rates calculations
Erosion Control	\$3,372.59	\$389.23	day	Modified Crew B-13A	Erosion control for O&M - includes 1 foreman, 2 laborers, 1 equipment operator, 2 truck drivers, 1 loader (4 cy), 2 dump trucks (8 cy)
Structure Demolition	\$0.38	\$-	cf	Means Line Item 024116.13 0100	Building demolition, large urban projects, mixture of types, excludes foundation demolition, dump fees
Concrete Slab Demolition	\$0.82	\$-	sf	Means Line Item 024116.17 0400	Building footings and foundations demolition, floors, concrete slab on grade, plain concrete, 6" thick, excludes disposal costs and dump fees
Storage Tank Demolition	\$1,934.69	\$-	ea	Means Line Item 130505.75 0530	Selective Demolition - Storage Tanks, steel tank, single wall, above ground, not including foundations, pumps or piping, 5,000 thru 10,000 gallons
Storage Tank Demolition	\$3,034.80	\$-	ea	Means Line Item 130505.75 0540	Steel tank, single wall, above ground, 15,000 thru 30,000 gallon, selective demolition, excluding foundation, pumps or piping
Power Line Demolition	\$0.94	\$-	ft	Means Line Item 260505.10 0390	Electrical Demolition - Nonmetallic sheathed cable 3 wire; assume similar enough in cost to overhead powerlines.
Power Line Demolition	\$4,715.08	\$-	day	Means Crew B-12N Means Crew B-17 Means Crew B-68C	Bare Costs: 2-laborers (B17), 1-equipment operator (light) (B17), 1-truck driver (heavy) (B17), 1-48 HP backhoe loader (B17:), 1-8 cy 220 HP dump truck (B17), 1-electrician (B68C), 1-25-ton hydraulic crane (B12N), 1-crane operator (B12N)

Water Quality Monitoring and Reporting: Monitoring of site groundwater quality will be accomplished through sampling and analysis of potentially impacted water at specific site locations:

- Reclamation Years 0–19: 4 days/year
- Reclamation Years 20–39: 2 days/year
- Reclamation Years 40–99: 1 day/year

Road Maintenance: Road maintenance will be monthly during monsoon season (4 months/yr) and is assumed to consist of a motor grater engaged for 24 hours a month:

- Reclamation Years 0–19: 4 months/year at 24 hours/month
- Reclamation Years 20–39: 2 months/year at 24 hours/month
- Reclamation Years 40–99: 1 month/year at 24 hours/month

Vegetation Maintenance: Vegetation maintenance of reclaimed areas assumes a 2% failure every year for a total of 12 years per facility, starting the year reclamation is completed.

4.0 RESULTS

The total current dollar cost for earthwork reclamation is estimated to be \$24,241,855 plus \$3,240,180 O&M for a total of \$27,482,035. A summary of the cost estimate is provided in Table 6. The costs presented in this RCE are current (2024) dollar costs.

Table 6 Earthwork Cost Estimate Summary

Item	Direct Cost	Indirect Cost	Total Estimated Cost
Facility		30% of Direct	
South Waste Rock Disposal Facility	\$7,505,191	\$2,251,557	\$9,756,749
East Waste Rock Facility	\$2,721,655	\$816,497	\$3,538,152
North OB Stockpile	\$31,284	\$9,385	\$40,670
Low Grade Ore Waste Rock Facility	\$612,392	\$183,718	\$796,109
Stockpile Subtotal	\$10,870,523	\$3,261,157	\$14,131,679
Magnetite Tailings	\$341,269	\$102,381	\$443,650
Main Tailings Impoundment	\$1,910,256	\$573,077	\$2,483,333
Tailings Subtotal	\$2,251,525	\$675,458	\$2,926,983
Hanover Mountain Pit	\$1,040,965	\$312,289	\$1,353,254
Continental Pit	\$2,613	\$784	\$3,397
Pits Subtotal	\$1,043,578	\$313,073	\$1,356,651
Containments	\$53,354	\$16,006	\$69,360
All Misc	\$990,847	\$297,254	\$1,288,101
Cobre Haul Road	\$815,695	\$244,709	\$1,060,404
Miscellaneous Subtotal	\$1,859,897	\$557,969	\$2,417,865
Demo	\$2,622,059	\$786,618	\$3,408,676
Closure Costs Total	\$18,647,581	\$5,594,274	\$24,241,855
O&M		17.5% of Direct	
Full Site O&M Costs Total	\$2,757,600	\$482,580	\$3,240,180
Total Cost (Closure + O&M)	\$21,405,181	\$6,076,854	\$27,482,035

**To replace spreadsheets in
Appendix E**

General Information

Applicant Chino Mines Company
Hurley, New Mexico 88043

Disturbed Surface Area (acres) 866

Type of Operation Existing/Surface/Copper

*Current value of earthwork and
O&M before escalation and
discounting* **\$27,482,035**

**Stockpiles, Tailing,
Reservoirs, Haul Roads
and Disturbed Areas**

EOY 2026 Mine Plan

Earthwork Quantity Worksheet

Notes and Assumptions:

- 1 - Acres and volumes based on 3CCP drawings
- 2 - Cover Material Swell: The 'Loose Volume' is calculated based on the acreage to be covered, cover depth, and accounts for appropriate swell factor.
- 3 - Has been agreed upon with State agencies that swell occurs when cover material is moved from source to haul truck but not from the truck to placement on stockpile

ID	Description	Source Location 1	Destination Location 2	Area (ac) ¹	Cover Depth (in)	Bank/Stockpile Volume (bcy) ¹	Swell Factor % ^{1,3}	Loose/Stockpile Volume (lcy) ²
1001-E-a-Rp1	Rip-Top -Existing Ground	South Waste Rock Disposal Facility	-	107.3	-	-	0%	-
1002-C-a-Sh1	Load-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility	-	14.4	-	1,026,535	0%	1,026,535
1002-B-a-Dz1	Dozer Assist Scraper Grading-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility	-	14.4	-	1,026,535	0%	1,026,535
1002-D-a-Tk4	Haul-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility	-	14.4	-	1,026,535	0%	1,026,535
1003-A-a-Dz1	Grade-3:1 Interbench Outsoles-South-Existing Ground	South Waste Rock Disposal Facility	-	98.9	-	2,175,386	0%	2,175,386
1004-A-a-Dz1	Grade-3:1 Interbench Outsoles-Pit-Existing Ground	South Waste Rock Disposal Facility	-	15.9	-	350,027	0%	350,027
1005-A-a-Dz1	Grade-2.5:1 Interbench Outslope - UH-Existing Ground	South Waste Rock Disposal Facility	-	44.7	-	982,052	0%	982,052
9000-C-b-Sh1	Load-Cover	EWRP	SWRDF-0	281.3	12.0	420,150	8%	453,762
9100-C-b-Sh1	Load-Cover	CHR	SWRDF-0	281.3	17.2	600,815	8%	648,880
9200-C-b-Sh1	Load-Cover	USS	SWRDF-0	281.3	6.8	239,486	8%	258,644
9000-B-b-Dz1	Dozer Assist-Cover	EWRP	SWRDF-0	281.3	12.0	420,150	8%	453,762
9000-B-b-Dz1	Dozer Assist-Cover	EWRP	SWRDF-0	281.3	12.0	420,150	8%	453,762
9100-B-b-Dz1	Dozer Assist-Cover	CHR	SWRDF-0	281.3	17.2	600,815	8%	648,880
9200-B-b-Dz1	Dozer Assist-Cover	USS	SWRDF-0	281.3	6.8	239,486	8%	258,644
9000-D-b-Tk4	Haul-Cover	EWRP	SWRDF-0	281.3	12.0	420,150	8%	453,762
9100-D-b-Tk4	Haul-Cover	CHR	SWRDF-0	281.3	17.2	600,815	8%	648,880
9200-D-b-Tk4	Haul-Cover	USS	SWRDF-0	281.3	6.8	239,486	8%	258,644
1000-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	South Waste Rock Disposal Facility	-	281.3	36.0	1,361,286	0%	1,361,286
1000-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	-	4,534,000	0%	4,534,000
1000-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	-	4,534,000	0%	4,534,000
1000-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	-	4,534,000	0%	4,534,000
1000-Gb-e-U7	Construct Downdrains Dissipators-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	-	4,534,000	0%	4,534,000
1000-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRP	South Waste Rock Disposal Facility	-	-	-	-	-
1000-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	-	4,534,000	0%	4,534,000
1000-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	-	4,534,000	0%	4,534,000
1101-E-a-Rp1	Rip-Top-Existing Ground	East Waste Rock Facility	-	37.4	-	-	0%	-
1103-C-a-Sh1	Load-Move Rita Stockpile-Existing Ground	East Waste Rock Facility	-	-	-	529,788	0%	529,788
1103-D-a-Tk4	Haul-Move Rita Stockpile-Existing Ground	East Waste Rock Facility	-	-	-	529,788	0%	529,788
1104-C-a-Sh1	Load-Move Cover Source Waste-Existing Ground	East Waste Rock Facility	-	-	-	276,506	0%	276,506
1104-D-a-Tk4	Haul-Move Cover Source Waste-Existing Ground	East Waste Rock Facility	-	-	-	276,506	0%	276,506
1101-A-a-Dz1	Grade-Top-Existing Ground	East Waste Rock Facility	-	-	-	-	0%	-
1102-A-a-Dz1	Grade-3:1Interbench Outslope-Existing Ground	East Waste Rock Facility	-	37.4	-	-	0%	-
9101-C-b-Sh1	Load-Cover	CHR	EWRP-0	38.9	-	1,546,000	0%	1,546,000
9201-C-b-Sh1	Load-Cover	USS	EWRP-0	76.2	17.2	162,874	8%	175,904
9101-B-b-Dz1	Dozer Assist-Cover	CHR	EWRP-0	76.2	6.8	64,922	8%	70,116
9201-B-b-Dz1	Dozer Assist-Cover	USS	EWRP-0	76.2	17.2	162,874	8%	175,904
9101-D-b-Tk4	Haul-Cover	CHR	EWRP-0	76.2	6.8	64,922	8%	70,116
9201-D-b-Tk4	Haul-Cover	USS	EWRP-0	76.2	17.2	162,874	8%	175,904
1100-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	East Waste Rock Facility	-	76.2	36.0	369,030	0%	369,030
1100-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	-	2,352,294	0%	2,352,294
1100-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	-	2,352,294	0%	2,352,294
1100-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	-	2,352,294	0%	2,352,294
1100-Gb-e-U7	Construct Downdrains Dissipators-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	-	2,352,294	0%	2,352,294
1100-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRP	East Waste Rock Facility	-	-	-	-	-
1100-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	-	2,352,294	0%	2,352,294
1100-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	-	2,352,294	0%	2,352,294
1201-E-a-Rp1	Rip-Top -Existing Ground	Magnetite Tailings	-	16.0	-	-	0%	-
1201-A-a-Mg1	Grade-Top -Existing Ground	Magnetite Tailings	-	16.0	-	-	0%	-
1202-A-a-Dz1	Grade-Dam Outslope-Existing Ground	Magnetite Tailings	-	3.5	-	18,718	0%	18,718
9002-C-b-Sh1	Load-Cover	EWRP	MGTI-0	19.5	12.0	29,114	8%	31,443
9102-C-b-Sh1	Load-Cover	CHR	MGTI-0	19.5	17.2	41,633	8%	44,964
9202-C-b-Sh1	Load-Cover	USS	MGTI-0	19.5	6.8	16,595	8%	17,923
9002-B-b-Dz1	Dozer Assist-Cover	EWRP	MGTI-0	19.5	12.0	29,114	8%	31,443
9002-B-b-Dz1	Dozer Assist-Cover	EWRP	MGTI-0	19.5	12.0	29,114	8%	31,443
9102-B-b-Dz1	Dozer Assist-Cover	CHR	MGTI-0	19.5	17.2	41,633	8%	44,964
9202-B-b-Dz1	Dozer Assist-Cover	USS	MGTI-0	19.5	6.8	16,595	8%	17,923
9002-D-b-Tk4	Haul-Cover	EWRP	MGTI-0	19.5	12.0	29,114	8%	31,443
9102-D-b-Tk4	Haul-Cover	CHR	MGTI-0	19.5	17.2	41,633	8%	44,964
9202-D-b-Tk4	Haul-Cover	USS	MGTI-0	19.5	6.8	16,595	8%	17,923
1201-A-d-Mg1	Grade-Top -Placed Cover	Magnetite Tailings	-	16.0	36.0	77,535	0%	77,535
1202-A-d-Mg1	Grade-Dam Outslope-Placed Cover	Magnetite Tailings	-	3.5	36.0	16,795	0%	16,795
1202-G-e-U6	Construct Downdrains-Dam Outslope-Final Grade	Magnetite Tailings	-	3.5	-	18,718	0%	18,718
1202-Gb-e-U7	Construct Downdrains Dissipators-Dam Outslope-Final Grade	Magnetite Tailings	-	3.5	-	18,718	0%	18,718
1200-P-b-Comb1	Road Maintenance-Entire Impoundment	EWRP	Magnetite Tailings	-	-	-	-	-
1200-J-e-U2a	Revegetate-Entire Impoundment-Final Grade	Magnetite Tailings	-	19.5	-	105,133	0%	105,133
1200-M-e-U24	Post-Closure O&M-Entire Impoundment-Final Grade	Magnetite Tailings	-	19.5	-	105,133	0%	105,133
1301-E-a-Rp1	Rip-Top-Existing Ground	North OB Stockpile Top	-	0.8	-	-	0%	-
9003-C-b-Sh1	Load-Cover	EWRP	NOB-0	2.6	12.0	3,928	8%	4,243
9103-C-b-Sh1	Load-Cover	CHR	NOB-0	2.6	17.2	5,618	8%	6,067
9203-C-b-Sh1	Load-Cover	USS	NOB-0	2.6	6.8	2,239	8%	2,418
9003-B-b-Dz1	Dozer Assist-Cover	EWRP	NOB-0	2.6	12.0	3,928	8%	4,243
9003-B-b-Dz1	Dozer Assist-Cover	EWRP	NOB-0	2.6	12.0	3,928	8%	4,243
9103-B-b-Dz1	Dozer Assist-Cover	CHR	NOB-0	2.6	17.2	5,618	8%	6,067
9203-B-b-Dz1	Dozer Assist-Cover	USS	NOB-0	2.6	6.8	2,239	8%	2,418
9003-D-b-Tk4	Haul-Cover	EWRP	NOB-0	2.6	12.0	3,928	8%	4,243
9103-D-b-Tk4	Haul-Cover	CHR	NOB-0	2.6	17.2	5,618	8%	6,067
9203-D-b-Tk4	Haul-Cover	USS	NOB-0	2.6	6.8	2,239	8%	2,418
1300-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	North OB Stockpile	-	2.6	36.0	12,728	0%	12,728
1300-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	North OB Stockpile	-	2.6	-	-	0%	-
1300-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	North OB Stockpile	-	2.6	-	-	0%	-
1300-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRP	North OB Stockpile	-	-	-	-	-
1300-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	North OB Stockpile	-	2.6	-	-	0%	-
1300-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	North OB Stockpile	-	2.6	-	-	0%	-
1401-E-a-Rp1	Rip-Top, including swale-Existing Ground	Main Tailings Impoundment	-	113.8	-	-	0%	-
1406-C-a-Sh1	Load-Reclaim Pond Outlet Channel-Existing Ground	Main Tailings Impoundment	-	2.5	-	68,536	0%	68,536
1406-D-a-Tk4	Haul-Reclaim Pond Outlet Channel-Existing Ground	Main Tailings Impoundment	-	2.5	-	68,536	0%	68,536
1405-E-c-Mg1	Rip-Reclaim Pond-Rough Graded Material	Main Tailings Impoundment	-	7.5	-	-	0%	-
1402-A-a-Dz1	Grade-Filter Dike-Existing Ground	Main Tailings Impoundment	-	4.6	-	27,027	0%	27,027
1403-A-a-Dz1	Grade-Main Dam-Existing Ground	Main Tailings Impoundment	-	42.2	-	515,089	0%	515,089
1404-A-a-Dz1	Grade-East-Existing Ground	Main Tailings Impoundment	-	2.2	-	7,977	0%	7,977
1405-A-a-Dz1	Grade-Reclaim Pond-Existing Ground	Main Tailings Impoundment	-	7.5	-	56,346	0%	56,346
9104-C-b-Sh1	Load-Cover	CHR	MTI-0	172.7	17.2	368,854	8%	398,363
9204-C-b-Sh1	Load-Cover	USS	MTI-0	172.7	6.8	147,026	8%	158,788
9104-B-b-Dz1	Dozer Assist-Cover	CHR	MTI-0	172.7	17.2	368,854	8%	398,363
9204-B-b-Dz1	Dozer Assist-Cover	USS	MTI-0	172.7	6.8	147,026	8%	158,788
9104-D-b-Tk4	Haul-Cover	CHR	MTI-0	172.7	17.2	368,854	8%	398,363
9204-D-b-Tk4	Haul-Cover	USS	MTI-0	172.7	6.8	147,026	8%	158,788
1400-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	Main Tailings Impoundment	-	172.7	36.0	835,726	0%	835,726
1400-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	-	703,245	0%	703,245
1400-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	-	703,245	0%	703,245
1400-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	-	703,245	0%	703,245
1400-Gb-e-U7	Construct Downdrains Dissipators-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	-	703,245	0%	703,245
1400-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRP	Main Tailings Impoundment	-	-	-	-	-
1400-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	-	703,245	0%	703,245
1400-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	-	703,245	0%	703,245
1500-E-a-Rp1	Rip-Entire Road-Existing Ground	Cobre Haul Road	-	100.0	-	-	0%	-
1503-A-a-Dz1	Grade-West HC Outslope-pushdown-Existing Ground	Cobre Haul Road	-	12.6	-	89,176	0%	89,176
9007-C-b-Sh1	Load-Cover	EWRP	CHR-0	100.0	12.0	149,383	8%	161,333
9107-C-b-Sh1	Load-Cover	CHR	MTI-3	42.2	17.2	90,136	8%	97,347
9207-C-b-Sh1	Load-Cover	USS	MTI-3	42.2	6.8	35,928	8%	38,803
9007-B-b-Dz1	Dozer Assist-Cover	EWRP	CHR-0	100.0	12.0	149,383	8%	161,333
9007-B-b-Dz1	Dozer Assist-Cover	EWRP	CHR-0	100.0	12.0	149,383	8%	161,333
9107-B-b-Dz1	Dozer Assist-Cover	CHR	MTI-3	42.2	17.2	90,136	8%	97,347
9207-B-b-Dz1	Dozer Assist-Cover	USS	MTI-3	42.2	6.8	35,928	8%	38,803
9007-D-b-Tk4	Haul-Cover	EWRP	CHR-0	100.0	12.0	149,383	8%	161,333
9107-D-b-Tk4	Haul-Cover	CHR	MTI-3	42.2	17.2	90,136	8%	97,347
9207-D-b-Tk4	Haul-Cover	USS	MTI-3	42.2	6.8	35,928	8%	38,803
1500-A-d-Mg1	Grade-Entire Road-Placed Cover	Cobre Haul Road	-	100.0	36.0	484,000	0%	484,000
1500-F-e-U3	Grade Benches-Entire Road-Final Grade	Cobre Haul Road	-	100.0	-	4,644	0%	4,644
1500-G-e-U6	Construct Downdrains-Entire Road-Final Grade	Cobre Haul Road	-	100.0	-	4,644	0%	4,644
1500-P-b-Comb1	Road Maintenance-Entire Road	EWRP	Cobre Haul Road	-	-	-	-	-
1500-J-e-U2a	Revegetate-Entire Road-Final Grade	Cobre Haul Road	-	100.0	-	4,644	0%	4,644
1500-M-e-U24	Post-Closure O&M-Entire Road-Final Grade	Cobre Haul Road	-	100.0	-	4,644	0%	4,644
1602-E-a-Rp1	Rip-Accessible Flat Areas-Existing Ground	Hanover Mountain Pit	-	86.6	-	-	0%	-
9005-C-b-Sh1	Load-Cover	EWRP	HM-2	86.6	12.0	129,348	8%	139,696
9105-C-b-Sh1	Load-Cover	CHR	HM-2	86.6	17.2	184,967	8%	199,765
9205-C-b-Sh1	Load-Cover	USS	HM-2	86.6	6.8	73,728	8%	79,626
9005-B-b-Dz1	Dozer Assist-Cover	EWRP	HM-2	86.6	12.0	129,348	8%	139,696
9005-B-b-Dz1	Dozer Assist-Cover	EWRP	HM-2	86.6	12.0	129,348	8%	139,696
9105-B-b-Dz1	Dozer Assist-Cover	CHR	HM-2	86.6	17.2	184,967	8%	199,765
9205-B-b-Dz1	Dozer Assist-Cover	USS	HM-2	86.6	6.8	73,728	8%	79,626
9005-D-b-Tk4	Haul-Cover	EWRP	HM-2	86.6	12.0	129,348	8%	139,696
9105-D-b-Tk4	Haul-Cover	CHR	HM-2	86.6	17.2	184,967	8%	199,765
9205-D-b-Tk4	Haul-Cover	USS	HM-2	86.6	6.8	73,728	8%	79

Earthwork Quantity Worksheet

Notes and Assumptions:

- 1 - Acres and volumes based on 3CCP drawings
- 2 - Cover Material Swell: The 'Loose Volume' is calculated based on the acreage to be covered, cover depth, and accounts for appropriate swell factor.
- 3 - Has been agreed upon with State agencies that swell occurs when cover material is moved from source to haul truck but not from the truck to placement on stockpile

ID	Description	Source Location 1	Destination Location 2	Area (ac) ¹	Cover Depth (in)	Bank/Stockpile Volume (bcy) ¹	Swell Factor % ^{1,3}	Loose/Stockpile Volume (lcy) ²
1701-R-e-U27	Construct Berms-Perimeter-Final Grade	Continental Pit	-	16.6	-	-	0%	-
1701-Sb-e-U28	Livestock Fence-Perimeter-Final Grade	Continental Pit	-	16.6	-	-	0%	-
1801-E-a-Rp1	Rip-Top -Existing Ground	Low Grade Ore Waste Rock Facility	-	6.3	-	-	0%	-
1802-A-a-Dz1	Grade-Outslopes-Existing Ground	Low Grade Ore Waste Rock Facility	-	13.5	-	121,536	0%	121,536
9006-C-b-Sh1	Load-Cover	EWRP	LGWRF-0	19.8	12.0	29,642	8%	32,013
9106-C-b-Sh1	Load-Cover	CHR	LGWRF-0	19.8	17.2	42,388	8%	45,779
9206-C-b-Sh1	Load-Cover	USS	LGWRF-0	19.8	6.8	16,896	8%	18,248
9006-B-b-Dz1	Dozer Assist-Cover	EWRP	LGWRF-0	19.8	12.0	29,642	8%	32,013
9006-B-b-Dz1	Dozer Assist-Cover	EWRP	LGWRF-0	19.8	12.0	29,642	8%	32,013
9106-B-b-Dz1	Dozer Assist-Cover	CHR	LGWRF-0	19.8	17.2	42,388	8%	45,779
9206-B-b-Dz1	Dozer Assist-Cover	USS	LGWRF-0	19.8	6.8	16,896	8%	18,248
9006-D-b-Tk4	Haul-Cover	EWRP	LGWRF-0	19.8	12.0	29,642	8%	32,013
9106-D-b-Tk4	Haul-Cover	CHR	LGWRF-0	19.8	17.2	42,388	8%	45,779
9206-D-b-Tk4	Haul-Cover	USS	LGWRF-0	19.8	6.8	16,896	8%	18,248
1800-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	Low Grade Ore Waste Rock Facility	-	19.8	36.0	96,040	0%	96,040
1800-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	-	178,257	0%	178,257
1800-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	-	178,257	0%	178,257
1800-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	-	178,257	0%	178,257
1800-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	-	178,257	0%	178,257
1800-P-a-Comb1	Road Maintenance-Entire Stockpile	Low Grade Ore Waste Rock Facility	-	-	-	-	-	-
1800-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	-	178,257	0%	178,257
1800-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	-	178,257	0%	178,257
2001-K-a-Ex1	Perforate Liner-Blackman's Seep (Pond #2) -Existing Ground	Containments	-	0.0	-	296	0%	296
2002-K-a-Ex1	Perforate Liner-Decant Pond #4-Existing Ground	Containments	-	0.6	-	296	0%	296
2003-K-a-Ex1	Perforate Liner-East WRF Containment-Existing Ground	Containments	-	0.5	-	40	0%	40
2004-K-a-Ex1	Perforate Liner-Grape Gulch Pond #3-Existing Ground	Containments	-	0.4	-	296	0%	296
2005-K-a-Ex1	Perforate Liner-Magnetite Seepage Pond-Existing Ground	Containments	-	0.2	-	296	0%	296
2006-K-a-Ex1	Perforate Liner-North Tailings Decant Pond-Existing Ground	Containments	-	0.5	-	296	0%	296
2007-K-a-Ex1	Perforate Liner-SWRF Dam 1-Existing Ground	Containments	-	0.5	-	54	0%	54
2008-K-a-Ex1	Perforate Liner-SWRF Dam 2-Existing Ground	Containments	-	0.3	-	31	0%	31
2009-K-a-Ex1	Perforate Liner-SWRF Dam 3-Existing Ground	Containments	-	0.8	-	47	0%	47
2010-K-a-Ex1	Perforate Liner-Upper Creek Containment Pond 1 -Existing Ground	Containments	-	1.5	-	296	0%	296
9008-C-b-Sh1	Load-Cover	EWRP	Cntmnt-1	0.0	12.0	15	8%	16
9009-C-b-Sh1	Load-Cover	EWRP	Cntmnt-2	0.6	12.0	926	8%	1,000
9010-C-b-Sh1	Load-Cover	EWRP	Cntmnt-3	0.5	12.0	747	8%	807
9011-C-b-Sh1	Load-Cover	EWRP	Cntmnt-4	0.4	12.0	568	8%	613
9012-C-b-Sh1	Load-Cover	EWRP	Cntmnt-5	0.2	12.0	299	8%	323
9013-C-b-Sh1	Load-Cover	EWRP	Cntmnt-6	0.5	12.0	687	8%	742
9014-C-b-Sh1	Load-Cover	EWRP	Cntmnt-7	0.5	12.0	777	8%	839
9015-C-b-Sh1	Load-Cover	EWRP	Cntmnt-8	0.3	12.0	508	8%	549
9016-C-b-Sh1	Load-Cover	EWRP	Cntmnt-9	0.8	12.0	1,255	8%	1,355
9017-C-b-Sh1	Load-Cover	EWRP	Cntmnt-10	1.5	12.0	2,286	8%	2,468
9008-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-1	0.0	12.0	15	8%	16
9009-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-2	0.6	12.0	926	8%	1,000
9010-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-3	0.5	12.0	747	8%	807
9011-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-4	0.4	12.0	568	8%	613
9012-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-5	0.2	12.0	299	8%	323
9013-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-6	0.5	12.0	687	8%	742
9014-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-7	0.5	12.0	777	8%	839
9015-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-8	0.3	12.0	508	8%	549
9016-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-9	0.8	12.0	1,255	8%	1,355
9017-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-10	1.5	12.0	2,286	8%	2,468
9008-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-1	0.0	12.0	15	8%	16
9009-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-2	0.6	12.0	926	8%	1,000
9010-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-3	0.5	12.0	747	8%	807
9011-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-4	0.4	12.0	568	8%	613
9012-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-5	0.2	12.0	299	8%	323
9013-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-6	0.5	12.0	687	8%	742
9014-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-7	0.5	12.0	777	8%	839
9015-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-8	0.3	12.0	508	8%	549
9016-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-9	0.8	12.0	1,255	8%	1,355
9017-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-10	1.5	12.0	2,286	8%	2,468
9008-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-1	0.0	12.0	15	8%	16
9009-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-2	0.6	12.0	926	8%	1,000
9010-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-3	0.5	12.0	747	8%	807
9011-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-4	0.4	12.0	568	8%	613
9012-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-5	0.2	12.0	299	8%	323
9013-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-6	0.5	12.0	687	8%	742
9014-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-7	0.5	12.0	777	8%	839
9015-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-8	0.3	12.0	508	8%	549
9016-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-9	0.8	12.0	1,255	8%	1,355
9017-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-10	1.5	12.0	2,286	8%	2,468
9108-C-b-Sh1	Load-Cover	CHR	Cntmnt-1	0.0	17.2	21	8%	23
9109-C-b-Sh1	Load-Cover	CHR	Cntmnt-2	0.6	17.2	1,324	8%	1,430
9110-C-b-Sh1	Load-Cover	CHR	Cntmnt-3	0.5	17.2	1,068	8%	1,154
9111-C-b-Sh1	Load-Cover	CHR	Cntmnt-4	0.4	17.2	812	8%	877
9112-C-b-Sh1	Load-Cover	CHR	Cntmnt-5	0.2	17.2	427	8%	461
9113-C-b-Sh1	Load-Cover	CHR	Cntmnt-6	0.5	17.2	983	8%	1,061
9114-C-b-Sh1	Load-Cover	CHR	Cntmnt-7	0.5	17.2	1,111	8%	1,200
9115-C-b-Sh1	Load-Cover	CHR	Cntmnt-8	0.3	17.2	726	8%	784
9116-C-b-Sh1	Load-Cover	CHR	Cntmnt-9	0.8	17.2	1,794	8%	1,938
9117-C-b-Sh1	Load-Cover	CHR	Cntmnt-10	1.5	17.2	3,268	8%	3,530
9008-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-1	0.0	12.0	15	8%	16
9009-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-2	0.6	12.0	926	8%	1,000
9010-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-3	0.5	12.0	747	8%	807
9011-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-4	0.4	12.0	568	8%	613
9012-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-5	0.2	12.0	299	8%	323
9013-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-6	0.5	12.0	687	8%	742
9014-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-7	0.5	12.0	777	8%	839
9015-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-8	0.3	12.0	508	8%	549
9016-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-9	0.8	12.0	1,255	8%	1,355
9017-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-10	1.5	12.0	2,286	8%	2,468
9108-D-b-Tk4	Haul-Cover	CHR	Cntmnt-1	0.0	17.2	21	8%	23
9109-D-b-Tk4	Haul-Cover	CHR	Cntmnt-2	0.6	17.2	1,324	8%	1,430
9110-D-b-Tk4	Haul-Cover	CHR	Cntmnt-3	0.5	17.2	1,068	8%	1,154
9111-D-b-Tk4	Haul-Cover	CHR	Cntmnt-4	0.4	17.2	812	8%	877
9112-D-b-Tk4	Haul-Cover	CHR	Cntmnt-5	0.2	17.2	427	8%	461
9113-D-b-Tk4	Haul-Cover	CHR	Cntmnt-6	0.5	17.2	983	8%	1,061
9114-D-b-Tk4	Haul-Cover	CHR	Cntmnt-7	0.5	17.2	1,111	8%	1,200
9115-D-b-Tk4	Haul-Cover	CHR	Cntmnt-8	0.3	17.2	726	8%	784
9116-D-b-Tk4	Haul-Cover	CHR	Cntmnt-9	0.8	17.2	1,794	8%	1,938
9117-D-b-Tk4	Haul-Cover	CHR	Cntmnt-10	1.5	17.2	3,268	8%	3,530
2000-A-d-Mg1	Grade-All Containments-Placed Cover	Containments	-	5.4	36.0	26,136	0%	26,136
2000-P-a-Comb1	Road Maintenance-All Containments	Containments	-	-	-	-	-	-
2000-J-e-U2a	Revegetate-All Containments-Final Grade	Containments	-	5.4	-	1,948	0%	1,948
3002-E-a-Rp1	Rip-Tailings Pipeline Corridor-Existing Ground	Miscellaneous	-	1.4	-	-	0%	-
9018-C-b-Sh1	Load-Cover	EWRP	Misc-2	1.4	12.0	2,160	8%	2,333
9118-C-b-Sh1	Load-Cover	CHR	Misc-2	1.4	17.2	3,089	8%	3,336
9218-C-b-Sh1	Load-Cover	USS	Misc-2	1.4	6.8	1,231	8%	1,330
9018-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-2	1.4	12.0	2,160	8%	2,333
9018-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-2	1.4	12.0	2,160	8%	2,333
9118-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-2	1.4	17.2	3,089	8%	3,336
9218-B-b-Dz1	Dozer Assist-Cover	USS	Misc-2	1.4	6.8	1,231	8%	1,330
9018-D-b-Tk4	Haul-Cover	EWRP	Misc-2	1.4	12.0	2,160	8%	2,333
9118-D-b-Tk4	Haul-Cover	CHR	Misc-2	1.4	17.2	3,089	8%	3,336
9218-D-b-Tk4	Haul-Cover	USS	Misc-2	1.4	6.8	1,231	8%	1,330
3002-A-d-Mg1	Grade-Tailings Pipeline Corridor-Placed Cover	Miscellaneous	-	1.4	36.0	6,999	0%	6,999
3002-P-a-Comb1	Road Maintenance-Tailings Pipeline Corridor	Miscellaneous	-	-	-	-	-	-
3002-J-e-U2a	Revegetate-Tailings Pipeline Corridor-Final Grade	Miscellaneous	-	1.4	-	-	0%	-
3002-M-e-U24	Post-Closure O&M-Tailings Pipeline Corridor-Final Grade	Miscellaneous	-	1.4	-	-	0%	-
3003-E-a-Rp1	Rip-Exploration Roads-Existing Ground	Miscellaneous	-	4.4	-	-	0%	-
3003-P-b-Comb1	Road Maintenance-Exploration Roads	USS	Misc-3	-	-	-	-	-
3003-J-e-U2a	Revegetate-Exploration Roads-Final Grade	Miscellaneous	-	4.4	-	-	0%	-
3003-M-e-U24	Post-Closure O&M-Exploration Roads-Final Grade	Miscellaneous	-	4.4	-	-	0%	-
3004-E-a-Rp1	Rip-Internal Haul Roads-Existing Ground	Miscellaneous	-	18.5	-	-	0%	-
9019-C-b-Sh1	Load-Cover	EWRP	Misc-3	4.4	12.0	6,519	8%	7,040
9119-C-b-Sh1	Load-Cover	CHR	Misc-4	18.5	17.2	39,513	8%	42,674
9219-C-b-Sh1	Load-Cover	USS	Misc-4	18.5	6.8	15,750	8%	17,010
9019-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-3	4.4	12.0	6,519	8%	7,040
9019-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-3	4.4	12.0	6,519	8%	7,040
9119-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-4	18.5	17.2	39,513	8%	42,674
9219-B-b-Dz1	Dozer Assist-Cover	USS	Misc-4	18.5	6.8	15,750	8%	17,010
9019-D-b-Tk4	Haul-Cover	EWRP	Misc-3	4.4	12.0	6,519	8%	7,040
9119-D-b-Tk4	Haul-Cover	CHR	Misc-4	18.5	17.2	39,513	8%	42,674
9219-D-b-Tk4	Haul-Cover	USS	Misc-4	18.5	6.8	15,750	8%	17,010
3004-A-d-Mg1	Grade-Internal Haul Roads-Placed Cover	Miscellaneous	-	18.5	36.0	89,525	0%	89,525
3004-P-a-Comb1	Road Maintenance-Internal Haul Roads	Miscellaneous	-	-	-	-	-	-
3004-J-e-U2a	Revegetate-Internal Haul Roads-Final Grade	Miscellaneous	-	18.5	-	-	0%	-
3004-M-e-U24	Post-Closure O&M-Internal Haul Roads-Final Grade	Miscellaneous	-	18.5	-	-	0%	-
3005-E-a-Rp1	Rip-High Grade Ore Remaining Area-Existing Ground	Miscellaneous	-	2.8	-	-	0%	-
9020-C-b-Sh1	Load-Cover	EWRP	Misc-5	2.8	12.0	4,122	8%	4,452
9120-C-b-Sh1	Load-Cover	CHR	Misc-5	2.8	17.2	5,895	8%	6,366
9220-C-b-Sh1								

Earthwork Quantity Worksheet

Notes and Assumptions:

- 1 - Acres and volumes based on 3CCP drawings
- 2 - Cover Material Swell: The 'Loose Volume' is calculated based on the acreage to be covered, cover depth, and accounts for appropriate swell factor.
- 3 - Has been agreed upon with State agencies that swell occurs when cover material is moved from source to haul truck but not from the truck to placement on stockpile

ID	Description	Source Location 1	Destination Location 2	Area (ac) ¹	Cover Depth (in)	Bank/Stockpile Volume (bcy) ¹	Swell Factor % ^{1,3}	Loose/Stockpile Volume (lcy) ²
9020-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-5	2.8	12.0	4,122	8%	4,452
9120-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-5	2.8	17.2	5,895	8%	6,366
9220-B-b-Dz1	Dozer Assist-Cover	USS	Misc-5	2.8	6.8	2,350	8%	2,538
9020-D-b-Tk4	Haul-Cover	EWRP	Misc-5	2.8	12.0	4,122	8%	4,452
9120-D-b-Tk4	Haul-Cover	CHR	Misc-5	2.8	17.2	5,895	8%	6,366
9220-D-b-Tk4	Haul-Cover	USS	Misc-5	2.8	6.8	2,350	8%	2,538
3005-A-d-Mg1	Grade-High Grade Ore Remaining Area-Placed Cover	Miscellaneous	-	2.8	36.0	13,356	0%	13,356
3005-P-a-Comb1	Road Maintenance-High Grade Ore Remaining Area	Miscellaneous	-	-	-	-	-	-
3005-J-e-U2a	Revegetate-High Grade Ore Remaining Area-Final Grade	Miscellaneous	-	2.8	-	-	0%	-
3005-M-e-U24	Post-Closure O&M-High Grade Ore Remaining Area-Final Grade	Miscellaneous	-	2.8	-	-	0%	-
3007-E-a-Rp1	Rip-Unplanned Disturbance Area-Existing Ground	Miscellaneous	-	50.0	-	-	0%	-
9021-C-b-Sh1	Load-Cover	EWRP	Misc-7	50.0	12.0	74,691	8%	80,667
9121-C-b-Sh1	Load-Cover	CHR	Misc-7	50.0	17.2	106,809	8%	115,353
9221-C-b-Sh1	Load-Cover	USS	Misc-7	50.0	6.8	42,574	8%	45,980
9021-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-7	50.0	12.0	74,691	8%	80,667
9021-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-7	50.0	12.0	74,691	8%	80,667
9121-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-7	50.0	17.2	106,809	8%	115,353
9221-B-b-Dz1	Dozer Assist-Cover	USS	Misc-7	50.0	6.8	42,574	8%	45,980
9021-D-b-Tk4	Haul-Cover	EWRP	Misc-7	50.0	12.0	74,691	8%	80,667
9121-D-b-Tk4	Haul-Cover	CHR	Misc-7	50.0	17.2	106,809	8%	115,353
9221-D-b-Tk4	Haul-Cover	USS	Misc-7	50.0	6.8	42,574	8%	45,980
3007-A-d-Mg1	Grade-Unplanned Disturbance Area-Placed Cover	Miscellaneous	-	50.0	36.0	242,000	0%	242,000
3007-P-a-Comb1	Road Maintenance-Unplanned Disturbance Area	Miscellaneous	-	-	-	-	-	-
3007-J-e-U2a	Revegetate-Unplanned Disturbance Area-Final Grade	Miscellaneous	-	50.0	-	-	0%	-
3007-M-e-U24	Post-Closure O&M-Unplanned Disturbance Area-Final Grade	Miscellaneous	-	50.0	-	-	0%	-
3006-N-a-U18	Plug and Abandon Well-P&A Wells-Existing Ground	Miscellaneous	-	0.2	-	-	0%	-

Summary Calculation of Earthmoving Costs

Summarizes costs for line items involving earthworks

Notes and Assumptions:

Productivity (based on area of overall stockpile) = Sq. ft per hour = Speed x (Eff. Blade L - Blade Overlap) x Efficiency (Cat. Handbook Edition 47 pg 11-27)
 Max. safe slope for motor graders is 2:1 (50%), proposed final grade for cover grading on stockpiles is 33%, therefore use of graders an option (Cat. Handbook Edition 46 pg 11-30)
 Grade Factor = -0.02(Grade %) + 1
 May filter on equipment (D14) to show pertinent rows

ID	Description	Source Location 1	Destination Location 2	Equipment	Fuel Cost (\$/hr)	Lube, Tires, GEC, & Field Parts Adjusted Rental Cost (w/o fuel) (\$/hr)	Labor Cost (\$/hr)	Number of Units (Equipment)	Time Req'd Per Unit (hrs)	Direct Fuel Cost (\$)	Direct Lube, Tires, GEC, & Field Parts Adjusted Rental Cost (w/o fuel) (\$)	Direct Labor Cost (\$)	Total Equipment Cost (\$)	Total Production Volume (CY)	Total Production Area (AC)
1405-E-c-Mg1	Rip-Reclaim Pond-Rough Graded Material	Main Tailings Impoundment	-	Cat 16M	\$29.07	\$107.11	\$35.95	1	3.1	\$89	\$329	\$110	\$528	-	7.5
TOTAL										\$2,888,091	\$7,635,604	\$934,212	\$11,457,907	21,943,663	\$1,448

Revegetation Costs

Description:

Includes scarifying (ripping), discing, rangeland drill seeding, mulching, crimping, and daily per diem
 May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Area (ac)	Fuel Unit Cost (\$/ac)	Reveg w/o Fuel Unit Cost (\$/ac)	Fuel Direct Cost (\$)	Reveg w/o Fuel Direct Cost (\$)
1001 E	a	Rp1		1001-E-a-Rp1	Rip-Top -Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1002 C	a	Sh1		1002-C-a-Sh1	Load-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1002 B	a	Dz1		1002-B-a-Dz1	Dozer Assist Scraper Grading-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1002 D	a	Tk4		1002-D-a-Tk4	Haul-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1003 A	a	Dz1		1003-A-a-Dz1	Grade-3:1 Interbench Outsoles-South-Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1004 A	a	Dz1		1004-A-a-Dz1	Grade-3:1 Interbench Outsoles-Pit-Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1005 A	a	Dz1		1005-A-a-Dz1	Grade-2.5:1 Interbench Outslope - UH-Existing Ground	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
9000 C	b	Sh1		9000-C-b-Sh1	Load-Cover	EWRP	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9100 C	b	Sh1		9100-C-b-Sh1	Load-Cover	CHR	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9200 C	b	Sh1		9200-C-b-Sh1	Load-Cover	USS	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9000 B	b	Dz1		9000-B-b-Dz1	Dozer Assist-Cover	EWRP	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9000 B	b	Dz1		9000-B-b-Dz1	Dozer Assist-Cover	EWRP	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9100 B	b	Dz1		9100-B-b-Dz1	Dozer Assist-Cover	CHR	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9200 B	b	Dz1		9200-B-b-Dz1	Dozer Assist-Cover	USS	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9000 D	b	Tk4		9000-D-b-Tk4	Haul-Cover	EWRP	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9100 D	b	Tk4		9100-D-b-Tk4	Haul-Cover	CHR	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
9200 D	b	Tk4		9200-D-b-Tk4	Haul-Cover	USS	SWRDF-0	0.0	\$ -	\$ -	\$ -	\$ -
1000 A	d	Mg1		1000-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1000 F	e	U3		1000-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1000 Hb	e	U8b		1000-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1000 G	e	U6		1000-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1000 Gb	e	U7		1000-Gb-e-U7	Construct Downdrains Dissipators-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1000 P	b	Comb1		1000-P-b-Comb1	Road Maintenance-Entire Stockpile	South Waste Rock Disposal Facility	South Waste Rock Disposal Facility	0.0	\$ -	\$ -	\$ -	\$ -
1000 J	e	U2a		1000-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	281.3	\$ 5.03	\$ 964.08	\$ 1,415	\$ 271,154
1000 M	e	U24		1000-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1101 E	a	Rp1		1101-E-a-Rp1	Rip-Top-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1103 C	a	Sh1		1103-C-a-Sh1	Load-Move Rita Stockpile-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1103 D	a	Tk4		1103-D-a-Tk4	Haul-Move Rita Stockpile-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1104 C	a	Sh1		1104-C-a-Sh1	Load-Move Cover Source Waste-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1104 D	a	Tk4		1104-D-a-Tk4	Haul-Move Cover Source Waste-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1101 A	a	Dz1		1101-A-a-Dz1	Grade-Top-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1102 A	a	Dz1		1102-A-a-Dz1	Grade-3:1Interbench Outslope-Existing Ground	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
9101 C	b	Sh1		9101-C-b-Sh1	Load-Cover	CHR	EWRP-0	0.0	\$ -	\$ -	\$ -	\$ -
9201 C	b	Sh1		9201-C-b-Sh1	Load-Cover	USS	EWRP-0	0.0	\$ -	\$ -	\$ -	\$ -
9101 B	b	Dz1		9101-B-b-Dz1	Dozer Assist-Cover	CHR	EWRP-0	0.0	\$ -	\$ -	\$ -	\$ -
9201 B	b	Dz1		9201-B-b-Dz1	Dozer Assist-Cover	USS	EWRP-0	0.0	\$ -	\$ -	\$ -	\$ -
9101 D	b	Tk4		9101-D-b-Tk4	Haul-Cover	CHR	EWRP-0	0.0	\$ -	\$ -	\$ -	\$ -
9201 D	b	Tk4		9201-D-b-Tk4	Haul-Cover	USS	EWRP-0	0.0	\$ -	\$ -	\$ -	\$ -
1100 A	d	Mg1		1100-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1100 F	e	U3		1100-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1100 Hb	e	U8b		1100-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1100 G	e	U6		1100-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1100 Gb	e	U7		1100-Gb-e-U7	Construct Downdrains Dissipators-Entire Stockpile-Final Grade	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1100 P	b	Comb1		1100-P-b-Comb1	Road Maintenance-Entire Stockpile	East Waste Rock Facility	East Waste Rock Facility	0.0	\$ -	\$ -	\$ -	\$ -
1100 J	e	U2a		1100-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	East Waste Rock Facility	-	76.2	\$ 5.03	\$ 964.08	\$ 384	\$ 73,507
1100 M	e	U24		1100-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	East Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1201 E	a	Rp1		1201-E-a-Rp1	Rip-Top -Existing Ground	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1201 A	a	Mg1		1201-A-a-Mg1	Grade-Top -Existing Ground	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1202 A	a	Dz1		1202-A-a-Dz1	Grade-Dam Outslope-Existing Ground	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
9002 C	b	Sh1		9002-C-b-Sh1	Load-Cover	EWRP	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9102 C	b	Sh1		9102-C-b-Sh1	Load-Cover	CHR	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9202 C	b	Sh1		9202-C-b-Sh1	Load-Cover	USS	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9002 B	b	Dz1		9002-B-b-Dz1	Dozer Assist-Cover	EWRP	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9002 B	b	Dz1		9002-B-b-Dz1	Dozer Assist-Cover	EWRP	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9102 B	b	Dz1		9102-B-b-Dz1	Dozer Assist-Cover	CHR	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9202 B	b	Dz1		9202-B-b-Dz1	Dozer Assist-Cover	USS	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9002 D	b	Tk4		9002-D-b-Tk4	Haul-Cover	EWRP	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9102 D	b	Tk4		9102-D-b-Tk4	Haul-Cover	CHR	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9202 D	b	Tk4		9202-D-b-Tk4	Haul-Cover	USS	MGTI-0	0.0	\$ -	\$ -	\$ -	\$ -
1201 A	d	Mg1		1201-A-d-Mg1	Grade-Top -Placed Cover	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1202 A	d	Mg1		1202-A-d-Mg1	Grade-Dam Outslope-Placed Cover	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1202 G	e	U6		1202-G-e-U6	Construct Downdrains-Dam Outslope-Final Grade	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1202 Gb	e	U7		1202-Gb-e-U7	Construct Downdrains Dissipators-Dam Outslope-Final Grade	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1200 P	b	Comb1		1200-P-b-Comb1	Road Maintenance-Entire Impoundment	EWRP	Magnetite Tailings	0.0	\$ -	\$ -	\$ -	\$ -

Revegetation Costs

Description:

Includes scarifying (ripping), discing, rangeland drill seeding, mulching, crimping, and daily per diem
 May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Area (ac)	Fuel Unit Cost (\$/ac)	Reveg w/o Fuel Unit Cost (\$/ac)	Fuel Direct Cost (\$)	Reveg w/o Fuel Direct Cost (\$)
1200 J	e	U2a		1200-J-e-U2a	Revegetate-Entire Impoundment-Final Grade	Magnetite Tailings	-	19.5	\$ 5.03	\$ 964.08	\$ 98	\$ 18,789
1200 M	e	U24		1200-M-e-U24	Post-Closure O&M-Entire Impoundment-Final Grade	Magnetite Tailings	-	0.0	\$ -	\$ -	\$ -	\$ -
1301 E	a	Rp1		1301-E-a-Rp1	Rip-Top-Existing Ground	North OB Stockpile Top	-	0.0	\$ -	\$ -	\$ -	\$ -
9003 C	b	Sh1		9003-C-b-Sh1	Load-Cover	EWRf	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9103 C	b	Sh1		9103-C-b-Sh1	Load-Cover	CHR	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9203 C	b	Sh1		9203-C-b-Sh1	Load-Cover	USS	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9003 B	b	Dz1		9003-B-b-Dz1	Dozer Assist-Cover	EWRf	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9003 B	b	Dz1		9003-B-b-Dz1	Dozer Assist-Cover	EWRf	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9103 B	b	Dz1		9103-B-b-Dz1	Dozer Assist-Cover	CHR	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9203 B	b	Dz1		9203-B-b-Dz1	Dozer Assist-Cover	USS	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9003 D	b	Tk4		9003-D-b-Tk4	Haul-Cover	EWRf	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9103 D	b	Tk4		9103-D-b-Tk4	Haul-Cover	CHR	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
9203 D	b	Tk4		9203-D-b-Tk4	Haul-Cover	USS	NOB-0	0.0	\$ -	\$ -	\$ -	\$ -
1300 A	d	Mg1		1300-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	North OB Stockpile	-	0.0	\$ -	\$ -	\$ -	\$ -
1300 F	e	U3		1300-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	North OB Stockpile	-	0.0	\$ -	\$ -	\$ -	\$ -
1300 G	e	U6		1300-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	North OB Stockpile	-	0.0	\$ -	\$ -	\$ -	\$ -
1300 P	b	Comb1		1300-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRf	North OB Stockpile	0.0	\$ -	\$ -	\$ -	\$ -
1300 J	e	U2a		1300-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	North OB Stockpile	-	2.6	\$ 5.03	\$ 964.08	\$ 13	\$ 2,535
1300 M	e	U24		1300-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	North OB Stockpile	-	0.0	\$ -	\$ -	\$ -	\$ -
1401 E	a	Rp1		1401-E-a-Rp1	Rip-Top, including swale-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1406 C	a	Sh1		1406-C-a-Sh1	Load-Reclaim Pond Outlet Channel-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1406 D	a	Tk4		1406-D-a-Tk4	Haul-Reclaim Pond Outlet Channel-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1405 E	c	Mg1		1405-E-c-Mg1	Rip-Reclaim Pond-Rough Graded Material	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1402 A	a	Dz1		1402-A-a-Dz1	Grade-Filter Dike-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1403 A	a	Dz1		1403-A-a-Dz1	Grade-Main Dam-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1404 A	a	Dz1		1404-A-a-Dz1	Grade-East-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1405 A	a	Dz1		1405-A-a-Dz1	Grade-Reclaim Pond-Existing Ground	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
9104 C	b	Sh1		9104-C-b-Sh1	Load-Cover	CHR	MTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9204 C	b	Sh1		9204-C-b-Sh1	Load-Cover	USS	MTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9104 B	b	Dz1		9104-B-b-Dz1	Dozer Assist-Cover	CHR	MTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9204 B	b	Dz1		9204-B-b-Dz1	Dozer Assist-Cover	USS	MTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9104 D	b	Tk4		9104-D-b-Tk4	Haul-Cover	CHR	MTI-0	0.0	\$ -	\$ -	\$ -	\$ -
9204 D	b	Tk4		9204-D-b-Tk4	Haul-Cover	USS	MTI-0	0.0	\$ -	\$ -	\$ -	\$ -
1400 A	d	Mg1		1400-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1400 F	e	U3		1400-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1400 Hb	e	U8b		1400-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1400 G	e	U6		1400-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1400 Gb	e	U7		1400-Gb-e-U7	Construct Downdrain Dissipators-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1400 P	b	Comb1		1400-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRf	Main Tailings Impoundment	0.0	\$ -	\$ -	\$ -	\$ -
1400 J	e	U2a		1400-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	172.7	\$ 5.03	\$ 964.08	\$ 869	\$ 166,468
1400 M	e	U24		1400-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	0.0	\$ -	\$ -	\$ -	\$ -
1500 E	a	Rp1		1500-E-a-Rp1	Rip-Entire Road-Existing Ground	Cobre Haul Road	-	0.0	\$ -	\$ -	\$ -	\$ -
1503 A	a	Dz1		1503-A-a-Dz1	Grade-West HC Outslope-pushdown-Existing Ground	Cobre Haul Road	-	0.0	\$ -	\$ -	\$ -	\$ -
9007 C	b	Sh1		9007-C-b-Sh1	Load-Cover	EWRf	CHR-0	0.0	\$ -	\$ -	\$ -	\$ -
9107 C	b	Sh1		9107-C-b-Sh1	Load-Cover	CHR	MTI-3	0.0	\$ -	\$ -	\$ -	\$ -
9207 C	b	Sh1		9207-C-b-Sh1	Load-Cover	USS	MTI-3	0.0	\$ -	\$ -	\$ -	\$ -
9007 B	b	Dz1		9007-B-b-Dz1	Dozer Assist-Cover	EWRf	CHR-0	0.0	\$ -	\$ -	\$ -	\$ -
9007 B	b	Dz1		9007-B-b-Dz1	Dozer Assist-Cover	EWRf	CHR-0	0.0	\$ -	\$ -	\$ -	\$ -
9107 B	b	Dz1		9107-B-b-Dz1	Dozer Assist-Cover	CHR	MTI-3	0.0	\$ -	\$ -	\$ -	\$ -
9207 B	b	Dz1		9207-B-b-Dz1	Dozer Assist-Cover	USS	MTI-3	0.0	\$ -	\$ -	\$ -	\$ -
9007 D	b	Tk4		9007-D-b-Tk4	Haul-Cover	EWRf	CHR-0	0.0	\$ -	\$ -	\$ -	\$ -
9107 D	b	Tk4		9107-D-b-Tk4	Haul-Cover	CHR	MTI-3	0.0	\$ -	\$ -	\$ -	\$ -
9207 D	b	Tk4		9207-D-b-Tk4	Haul-Cover	USS	MTI-3	0.0	\$ -	\$ -	\$ -	\$ -
1500 A	d	Mg1		1500-A-d-Mg1	Grade-Entire Road-Placed Cover	Cobre Haul Road	-	0.0	\$ -	\$ -	\$ -	\$ -
1500 F	e	U3		1500-F-e-U3	Grade Benches-Entire Road-Final Grade	Cobre Haul Road	-	0.0	\$ -	\$ -	\$ -	\$ -
1500 G	e	U6		1500-G-e-U6	Construct Downdrains-Entire Road-Final Grade	Cobre Haul Road	-	0.0	\$ -	\$ -	\$ -	\$ -
1500 P	b	Comb1		1500-P-b-Comb1	Road Maintenance-Entire Road	EWRf	Cobre Haul Road	0.0	\$ -	\$ -	\$ -	\$ -
1500 J	e	U2a		1500-J-e-U2a	Revegetate-Entire Road-Final Grade	Cobre Haul Road	-	100.0	\$ 5.03	\$ 964.08	\$ 503	\$ 96,408
1500 M	e	U24		1500-M-e-U24	Post-Closure O&M-Entire Road-Final Grade	Cobre Haul Road	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 E	a	Rp1		1602-E-a-Rp1	Rip-Accessible Flat Areas-Existing Ground	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
9005 C	b	Sh1		9005-C-b-Sh1	Load-Cover	EWRf	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9105 C	b	Sh1		9105-C-b-Sh1	Load-Cover	CHR	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9205 C	b	Sh1		9205-C-b-Sh1	Load-Cover	USS	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9005 B	b	Dz1		9005-B-b-Dz1	Dozer Assist-Cover	EWRf	HM-2	0.0	\$ -	\$ -	\$ -	\$ -

Revegetation Costs

Description:
 Includes scarifying (ripping), discing, rangeland drill seeding, mulching, crimping, and daily per diem
 May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Area (ac)	Fuel Unit Cost (\$/ac)	Reveg w/o Fuel Unit Cost (\$/ac)	Fuel Direct Cost (\$)	Reveg w/o Fuel Direct Cost (\$)
9005 B	b	Dz1		9005-B-b-Dz1	Dozer Assist-Cover	EWRP	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9105 B	b	Dz1		9105-B-b-Dz1	Dozer Assist-Cover	CHR	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9205 B	b	Dz1		9205-B-b-Dz1	Dozer Assist-Cover	USS	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9005 D	b	Tk4		9005-D-b-Tk4	Haul-Cover	EWRP	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9105 D	b	Tk4		9105-D-b-Tk4	Haul-Cover	CHR	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
9205 D	b	Tk4		9205-D-b-Tk4	Haul-Cover	USS	HM-2	0.0	\$ -	\$ -	\$ -	\$ -
1602 A	d	Mg1		1602-A-d-Mg1	Grade-Accessible Flat Areas-Placed Cover	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 F	e	U3		1602-F-e-U3	Grade Benches-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 F	e	U3		1602-F-e-U3	Grade Benches-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 G	e	U6		1602-G-e-U6	Construct Downdrains-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 G	e	U6		1602-G-e-U6	Construct Downdrains-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 P	a	Comb1		1602-P-a-Comb1	Road Maintenance-Accessible Flat Areas	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1602 J	e	U2a		1602-J-e-U2a	Revegetate-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	86.6	\$ 5.03	\$ 964.08	\$ 436	\$ 83,478
1602 M	e	U24		1602-M-e-U24	Post-Closure O&M-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1601 R	e	U27		1601-R-e-U27	Construct Berms-Hanover Mountain Perimeter-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1601 Sb	e	U28		1601-Sb-e-U28	Livestock Fence-Hanover Mountain Perimeter-Final Grade	Hanover Mountain Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1701 R	e	U27		1701-R-e-U27	Construct Berms-Perimeter-Final Grade	Continental Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1701 Sb	e	U28		1701-Sb-e-U28	Livestock Fence-Perimeter-Final Grade	Continental Pit	-	0.0	\$ -	\$ -	\$ -	\$ -
1801 E	a	Rp1		1801-E-a-Rp1	Rip-Top -Existing Ground	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1802 A	a	Dz1		1802-A-a-Dz1	Grade-Outslopes-Existing Ground	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
9006 C	b	Sh1		9006-C-b-Sh1	Load-Cover	EWRP	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9106 C	b	Sh1		9106-C-b-Sh1	Load-Cover	CHR	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9206 C	b	Sh1		9206-C-b-Sh1	Load-Cover	USS	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9006 B	b	Dz1		9006-B-b-Dz1	Dozer Assist-Cover	EWRP	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9006 B	b	Dz1		9006-B-b-Dz1	Dozer Assist-Cover	EWRP	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9106 B	b	Dz1		9106-B-b-Dz1	Dozer Assist-Cover	CHR	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9206 B	b	Dz1		9206-B-b-Dz1	Dozer Assist-Cover	USS	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9006 D	b	Tk4		9006-D-b-Tk4	Haul-Cover	EWRP	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9106 D	b	Tk4		9106-D-b-Tk4	Haul-Cover	CHR	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
9206 D	b	Tk4		9206-D-b-Tk4	Haul-Cover	USS	LGWRF-0	0.0	\$ -	\$ -	\$ -	\$ -
1800 A	d	Mg1		1800-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1800 F	e	U3		1800-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1800 F	e	U3		1800-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1800 G	e	U6		1800-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1800 G	e	U6		1800-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1800 P	a	Comb1		1800-P-a-Comb1	Road Maintenance-Entire Stockpile	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
1800 J	e	U2a		1800-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	19.8	\$ 5.03	\$ 964.08	\$ 100	\$ 19,130
1800 M	e	U24		1800-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	0.0	\$ -	\$ -	\$ -	\$ -
2001 K	a	Ex1		2001-K-a-Ex1	Perforate Liner-Blackman's Seep (Pond #2) -Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2002 K	a	Ex1		2002-K-a-Ex1	Perforate Liner-Decant Pond #4-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2003 K	a	Ex1		2003-K-a-Ex1	Perforate Liner-East WRF Containment-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2004 K	a	Ex1		2004-K-a-Ex1	Perforate Liner-Grape Gulch Pond #3-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2005 K	a	Ex1		2005-K-a-Ex1	Perforate Liner-Magnetite Seepage Pond-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2006 K	a	Ex1		2006-K-a-Ex1	Perforate Liner-North Tailings Decant Pond-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2007 K	a	Ex1		2007-K-a-Ex1	Perforate Liner-SWRF Dam 1-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2008 K	a	Ex1		2008-K-a-Ex1	Perforate Liner-SWRF Dam 2-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2009 K	a	Ex1		2009-K-a-Ex1	Perforate Liner-SWRF Dam 3-Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2010 K	a	Ex1		2010-K-a-Ex1	Perforate Liner-Upper Creek Containment Pond 1 -Existing Ground	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
9008 C	b	Sh1		9008-C-b-Sh1	Load-Cover	EWRP	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9009 C	b	Sh1		9009-C-b-Sh1	Load-Cover	EWRP	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9010 C	b	Sh1		9010-C-b-Sh1	Load-Cover	EWRP	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9011 C	b	Sh1		9011-C-b-Sh1	Load-Cover	EWRP	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9012 C	b	Sh1		9012-C-b-Sh1	Load-Cover	EWRP	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9013 C	b	Sh1		9013-C-b-Sh1	Load-Cover	EWRP	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -
9014 C	b	Sh1		9014-C-b-Sh1	Load-Cover	EWRP	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9015 C	b	Sh1		9015-C-b-Sh1	Load-Cover	EWRP	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9016 C	b	Sh1		9016-C-b-Sh1	Load-Cover	EWRP	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9017 C	b	Sh1		9017-C-b-Sh1	Load-Cover	EWRP	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
9008 B	b	Dz1		9008-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9009 B	b	Dz1		9009-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9010 B	b	Dz1		9010-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9011 B	b	Dz1		9011-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9012 B	b	Dz1		9012-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9013 B	b	Dz1		9013-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -

Revegetation Costs

Description:

Includes scarifying (ripping), discing, rangeland drill seeding, mulching, crimping, and daily per diem
 May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Area (ac)	Fuel Unit Cost (\$/ac)	Reveg w/o Fuel Unit Cost (\$/ac)	Fuel Direct Cost (\$)	Reveg w/o Fuel Direct Cost (\$)
9014 B	b	Dz1		9014-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9015 B	b	Dz1		9015-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9016 B	b	Dz1		9016-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9017 B	b	Dz1		9017-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
9008 B	b	Dz1		9008-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9009 B	b	Dz1		9009-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9010 B	b	Dz1		9010-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9011 B	b	Dz1		9011-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9012 B	b	Dz1		9012-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9013 B	b	Dz1		9013-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -
9014 B	b	Dz1		9014-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9015 B	b	Dz1		9015-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9016 B	b	Dz1		9016-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9017 B	b	Dz1		9017-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
9008 D	b	Tk4		9008-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9009 D	b	Tk4		9009-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9010 D	b	Tk4		9010-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9011 D	b	Tk4		9011-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9012 D	b	Tk4		9012-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9013 D	b	Tk4		9013-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -
9014 D	b	Tk4		9014-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9015 D	b	Tk4		9015-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9016 D	b	Tk4		9016-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9017 D	b	Tk4		9017-D-b-Tk4	Haul-Cover	EWRf	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
9108 C	b	Sh1		9108-C-b-Sh1	Load-Cover	CHR	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9109 C	b	Sh1		9109-C-b-Sh1	Load-Cover	CHR	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9110 C	b	Sh1		9110-C-b-Sh1	Load-Cover	CHR	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9111 C	b	Sh1		9111-C-b-Sh1	Load-Cover	CHR	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9112 C	b	Sh1		9112-C-b-Sh1	Load-Cover	CHR	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9113 C	b	Sh1		9113-C-b-Sh1	Load-Cover	CHR	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -
9114 C	b	Sh1		9114-C-b-Sh1	Load-Cover	CHR	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9115 C	b	Sh1		9115-C-b-Sh1	Load-Cover	CHR	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9116 C	b	Sh1		9116-C-b-Sh1	Load-Cover	CHR	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9117 C	b	Sh1		9117-C-b-Sh1	Load-Cover	CHR	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
9008 B	b	Dz1		9008-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9009 B	b	Dz1		9009-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9010 B	b	Dz1		9010-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9011 B	b	Dz1		9011-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9012 B	b	Dz1		9012-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9013 B	b	Dz1		9013-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -
9014 B	b	Dz1		9014-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9015 B	b	Dz1		9015-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9016 B	b	Dz1		9016-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9017 B	b	Dz1		9017-B-b-Dz1	Dozer Assist-Cover	EWRf	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
9108 D	b	Tk4		9108-D-b-Tk4	Haul-Cover	CHR	Cntmnt-1	0.0	\$ -	\$ -	\$ -	\$ -
9109 D	b	Tk4		9109-D-b-Tk4	Haul-Cover	CHR	Cntmnt-2	0.0	\$ -	\$ -	\$ -	\$ -
9110 D	b	Tk4		9110-D-b-Tk4	Haul-Cover	CHR	Cntmnt-3	0.0	\$ -	\$ -	\$ -	\$ -
9111 D	b	Tk4		9111-D-b-Tk4	Haul-Cover	CHR	Cntmnt-4	0.0	\$ -	\$ -	\$ -	\$ -
9112 D	b	Tk4		9112-D-b-Tk4	Haul-Cover	CHR	Cntmnt-5	0.0	\$ -	\$ -	\$ -	\$ -
9113 D	b	Tk4		9113-D-b-Tk4	Haul-Cover	CHR	Cntmnt-6	0.0	\$ -	\$ -	\$ -	\$ -
9114 D	b	Tk4		9114-D-b-Tk4	Haul-Cover	CHR	Cntmnt-7	0.0	\$ -	\$ -	\$ -	\$ -
9115 D	b	Tk4		9115-D-b-Tk4	Haul-Cover	CHR	Cntmnt-8	0.0	\$ -	\$ -	\$ -	\$ -
9116 D	b	Tk4		9116-D-b-Tk4	Haul-Cover	CHR	Cntmnt-9	0.0	\$ -	\$ -	\$ -	\$ -
9117 D	b	Tk4		9117-D-b-Tk4	Haul-Cover	CHR	Cntmnt-10	0.0	\$ -	\$ -	\$ -	\$ -
2000 A	d	Mg1		2000-A-d-Mg1	Grade-All Containments-Placed Cover	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2000 P	a	Comb1		2000-P-a-Comb1	Road Maintenance-All Containments	Containments	-	0.0	\$ -	\$ -	\$ -	\$ -
2000 J	e	U2a		2000-J-e-U2a	Revegetate-All Containments-Final Grade	Containments	-	5.4	\$ 5.03	\$ 964.08	\$ 27	\$ 5,206
3002 E	a	Rp1		3002-E-a-Rp1	Rip-Tailings Pipeline Corridor-Existing Ground	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
9018 C	b	Sh1		9018-C-b-Sh1	Load-Cover	EWRf	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9118 C	b	Sh1		9118-C-b-Sh1	Load-Cover	CHR	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9218 C	b	Sh1		9218-C-b-Sh1	Load-Cover	USS	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9018 B	b	Dz1		9018-B-b-Dz1	Dozer Assist-Cover	EWRf	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9018 B	b	Dz1		9018-B-b-Dz1	Dozer Assist-Cover	EWRf	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9118 B	b	Dz1		9118-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -

Revegetation Costs

Description:

Includes scarifying (ripping), discing, rangeland drill seeding, mulching, crimping, and daily per diem
 May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Area (ac)	Fuel Unit Cost (\$/ac)	Reveg w/o Fuel Unit Cost (\$/ac)	Fuel Direct Cost (\$)	Reveg w/o Fuel Direct Cost (\$)
9218 B	b	Dz1		9218-B-b-Dz1	Dozer Assist-Cover	USS	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9018 D	b	Tk4		9018-D-b-Tk4	Haul-Cover	EWRF	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9118 D	b	Tk4		9118-D-b-Tk4	Haul-Cover	CHR	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
9218 D	b	Tk4		9218-D-b-Tk4	Haul-Cover	USS	Misc-2	0.0	\$ -	\$ -	\$ -	\$ -
3002 A	d	Mg1		3002-A-d-Mg1	Grade-Tailings Pipeline Corridor-Placed Cover	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3002 P	a	Comb1		3002-P-a-Comb1	Road Maintenance-Tailings Pipeline Corridor	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3002 J	e	U2a		3002-J-e-U2a	Revegetate-Tailings Pipeline Corridor-Final Grade	Miscellaneous	-	1.4	\$ 5.03	\$ 964.08	\$ 7	\$ 1,394
3002 M	e	U24		3002-M-e-U24	Post-Closure O&M-Tailings Pipeline Corridor-Final Grade	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3003 E	a	Rp1		3003-E-a-Rp1	Rip-Exploration Roads-Existing Ground	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3003 P	b	Comb1		3003-P-b-Comb1	Road Maintenance-Exploration Roads	USS	Misc-3	0.0	\$ -	\$ -	\$ -	\$ -
3003 J	e	U2a		3003-J-e-U2a	Revegetate-Exploration Roads-Final Grade	Miscellaneous	-	4.4	\$ 5.03	\$ 964.08	\$ 22	\$ 4,207
3003 M	e	U24		3003-M-e-U24	Post-Closure O&M-Exploration Roads-Final Grade	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3004 E	a	Rp1		3004-E-a-Rp1	Rip-Internal Haul Roads-Existing Ground	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
9019 C	b	Sh1		9019-C-b-Sh1	Load-Cover	EWRF	Misc-3	0.0	\$ -	\$ -	\$ -	\$ -
9119 C	b	Sh1		9119-C-b-Sh1	Load-Cover	CHR	Misc-4	0.0	\$ -	\$ -	\$ -	\$ -
9219 C	b	Sh1		9219-C-b-Sh1	Load-Cover	USS	Misc-4	0.0	\$ -	\$ -	\$ -	\$ -
9019 B	b	Dz1		9019-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-3	0.0	\$ -	\$ -	\$ -	\$ -
9019 B	b	Dz1		9019-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-3	0.0	\$ -	\$ -	\$ -	\$ -
9119 B	b	Dz1		9119-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-4	0.0	\$ -	\$ -	\$ -	\$ -
9219 B	b	Dz1		9219-B-b-Dz1	Dozer Assist-Cover	USS	Misc-4	0.0	\$ -	\$ -	\$ -	\$ -
9019 D	b	Tk4		9019-D-b-Tk4	Haul-Cover	EWRF	Misc-3	0.0	\$ -	\$ -	\$ -	\$ -
9119 D	b	Tk4		9119-D-b-Tk4	Haul-Cover	CHR	Misc-4	0.0	\$ -	\$ -	\$ -	\$ -
9219 D	b	Tk4		9219-D-b-Tk4	Haul-Cover	USS	Misc-4	0.0	\$ -	\$ -	\$ -	\$ -
3004 A	d	Mg1		3004-A-d-Mg1	Grade-Internal Haul Roads-Placed Cover	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3004 P	a	Comb1		3004-P-a-Comb1	Road Maintenance-Internal Haul Roads	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3004 J	e	U2a		3004-J-e-U2a	Revegetate-Internal Haul Roads-Final Grade	Miscellaneous	-	18.5	\$ 5.03	\$ 964.08	\$ 93	\$ 17,833
3004 M	e	U24		3004-M-e-U24	Post-Closure O&M-Internal Haul Roads-Final Grade	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3005 E	a	Rp1		3005-E-a-Rp1	Rip-High Grade Ore Remaining Area-Existing Ground	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
9020 C	b	Sh1		9020-C-b-Sh1	Load-Cover	EWRF	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9120 C	b	Sh1		9120-C-b-Sh1	Load-Cover	CHR	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9220 C	b	Sh1		9220-C-b-Sh1	Load-Cover	USS	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9020 B	b	Dz1		9020-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9020 B	b	Dz1		9020-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9120 B	b	Dz1		9120-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9220 B	b	Dz1		9220-B-b-Dz1	Dozer Assist-Cover	USS	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9020 D	b	Tk4		9020-D-b-Tk4	Haul-Cover	EWRF	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9120 D	b	Tk4		9120-D-b-Tk4	Haul-Cover	CHR	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
9220 D	b	Tk4		9220-D-b-Tk4	Haul-Cover	USS	Misc-5	0.0	\$ -	\$ -	\$ -	\$ -
3005 A	d	Mg1		3005-A-d-Mg1	Grade-High Grade Ore Remaining Area-Placed Cover	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3005 P	a	Comb1		3005-P-a-Comb1	Road Maintenance-High Grade Ore Remaining Area	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3005 J	e	U2a		3005-J-e-U2a	Revegetate-High Grade Ore Remaining Area-Final Grade	Miscellaneous	-	2.8	\$ 5.03	\$ 964.08	\$ 14	\$ 2,660
3005 M	e	U24		3005-M-e-U24	Post-Closure O&M-High Grade Ore Remaining Area-Final Grade	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3007 E	a	Rp1		3007-E-a-Rp1	Rip-Unplanned Disturbance Area-Existing Ground	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
9021 C	b	Sh1		9021-C-b-Sh1	Load-Cover	EWRF	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9121 C	b	Sh1		9121-C-b-Sh1	Load-Cover	CHR	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9221 C	b	Sh1		9221-C-b-Sh1	Load-Cover	USS	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9021 B	b	Dz1		9021-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9021 B	b	Dz1		9021-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9121 B	b	Dz1		9121-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9221 B	b	Dz1		9221-B-b-Dz1	Dozer Assist-Cover	USS	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9021 D	b	Tk4		9021-D-b-Tk4	Haul-Cover	EWRF	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9121 D	b	Tk4		9121-D-b-Tk4	Haul-Cover	CHR	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
9221 D	b	Tk4		9221-D-b-Tk4	Haul-Cover	USS	Misc-7	0.0	\$ -	\$ -	\$ -	\$ -
3007 A	d	Mg1		3007-A-d-Mg1	Grade-Unplanned Disturbance Area-Placed Cover	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3007 P	a	Comb1		3007-P-a-Comb1	Road Maintenance-Unplanned Disturbance Area	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3007 J	e	U2a		3007-J-e-U2a	Revegetate-Unplanned Disturbance Area-Final Grade	Miscellaneous	-	50.0	\$ 5.03	\$ 964.08	\$ 252	\$ 48,204
3007 M	e	U24		3007-M-e-U24	Post-Closure O&M-Unplanned Disturbance Area-Final Grade	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
3006 N	a	U18		3006-N-a-U18	Plug and Abandon Well-P&A Wells-Existing Ground	Miscellaneous	-	0.0	\$ -	\$ -	\$ -	\$ -
TOTAL								841		\$ 4,233	\$ 810,972	

Other Reclamation Activity Costs

Assumptions:

- 1 - Cost to construct drain or channel on re-graded stockpile
 - 2 - The downdrain, ACB, well plug & abandon, and well replacement costs include fuel
- May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Quantity	Unit	Fuel Unit Cost (\$/unit)	Unit Cost w/o Fuel (\$/unit) ^{1,2}	Fuel Direct Cost (\$)	Direct w/o Fuel Cost (\$)					
1001 E	a	Rp1		1001-E-a-Rp1	Rip-Top -Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1002 C	a	Sh1		1002-C-a-Sh1	Load-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1002 B	a	Dz1		1002-B-a-Dz1	Dozer Assist Scraper Grading-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1002 D	a	Tk4		1002-D-a-Tk4	Haul-SE-UH Excess Cut-Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1003 A	a	Dz1		1003-A-a-Dz1	Grade-3:1 Interbench Outsoles-South-Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1004 A	a	Dz1		1004-A-a-Dz1	Grade-3:1 Interbench Outsoles-Pit-Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1005 A	a	Dz1		1005-A-a-Dz1	Grade-2.5:1 Interbench Outslope - UH-Existing Ground	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
9000 C	b	Sh1		9000-C-b-Sh1	Load-Cover	EWRP	SWRDF-0	-	-	\$	\$	-	\$					
9100 C	b	Sh1		9100-C-b-Sh1	Load-Cover	CHR	SWRDF-0	-	-	\$	\$	-	\$					
9200 C	b	Sh1		9200-C-b-Sh1	Load-Cover	USS	SWRDF-0	-	-	\$	\$	-	\$					
9000 B	b	Dz1		9000-B-b-Dz1	Dozer Assist-Cover	EWRP	SWRDF-0	-	-	\$	\$	-	\$					
9000 B	b	Dz1		9000-B-b-Dz1	Dozer Assist-Cover	EWRP	SWRDF-0	-	-	\$	\$	-	\$					
9100 B	b	Dz1		9100-B-b-Dz1	Dozer Assist-Cover	CHR	SWRDF-0	-	-	\$	\$	-	\$					
9200 B	b	Dz1		9200-B-b-Dz1	Dozer Assist-Cover	USS	SWRDF-0	-	-	\$	\$	-	\$					
9000 D	b	Tk4		9000-D-b-Tk4	Haul-Cover	EWRP	SWRDF-0	-	-	\$	\$	-	\$					
9100 D	b	Tk4		9100-D-b-Tk4	Haul-Cover	CHR	SWRDF-0	-	-	\$	\$	-	\$					
9200 D	b	Tk4		9200-D-b-Tk4	Haul-Cover	USS	SWRDF-0	-	-	\$	\$	-	\$					
1000 A	d	Mg1		1000-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	South Waste Rock Disposal Facility		-	-	\$	\$	-	\$					
1000 F	e	U3		1000-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility		73,035	ft	\$	0.48	\$	1.88	\$	34,760.69	\$	136,984	\$
1000 Hb	e	U8b		1000-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility		73,035	ft	\$	0.15	\$	0.57	\$	10,821.46	\$	41,411	\$
1000 G	e	U6		1000-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility		4,200	ft	\$	-	\$	389.79	\$	-	\$	1,637.122	\$
1000 Gb	e	U7		1000-Gb-e-U7	Construct Downdrain Dissipators-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility		4	ea	\$	-	\$	16,045.45	\$	-	\$	64,182	\$
1000 P	b	Comb1		1000-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRP	South Waste Rock Disposal Facility	-	-	\$	\$	-	\$	-	\$	-	\$	
1000 J	e	U2a		1000-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility		-	-	\$	5.03	\$	964.08	\$	-	\$	-	\$
1000 M	e	U24		1000-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	South Waste Rock Disposal Facility		-	-	\$	-	\$	392.50	\$	-	\$	-	\$
1101 E	a	Rp1		1101-E-a-Rp1	Rip-Top-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1103 C	a	Sh1		1103-C-a-Sh1	Load-Move Rita Stockpile-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1103 D	a	Tk4		1103-D-a-Tk4	Haul-Move Rita Stockpile-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1104 C	a	Sh1		1104-C-a-Sh1	Load-Move Cover Source Waste-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1104 D	a	Tk4		1104-D-a-Tk4	Haul-Move Cover Source Waste-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1101 A	a	Dz1		1101-A-a-Dz1	Grade-Top-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1102 A	a	Dz1		1102-A-a-Dz1	Grade-3:1Interbench Outslope-Existing Ground	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
9101 C	b	Sh1		9101-C-b-Sh1	Load-Cover	CHR	EWRP-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9201 C	b	Sh1		9201-C-b-Sh1	Load-Cover	USS	EWRP-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9101 B	b	Dz1		9101-B-b-Dz1	Dozer Assist-Cover	CHR	EWRP-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9201 B	b	Dz1		9201-B-b-Dz1	Dozer Assist-Cover	USS	EWRP-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9101 D	b	Tk4		9101-D-b-Tk4	Haul-Cover	CHR	EWRP-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9201 D	b	Tk4		9201-D-b-Tk4	Haul-Cover	USS	EWRP-0	-	-	\$	\$	-	\$	-	\$	-	\$	
1100 A	d	Mg1		1100-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	East Waste Rock Facility		-	-	\$	\$	-	\$	-	\$	-	\$	
1100 F	e	U3		1100-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	East Waste Rock Facility		36,518	ft	\$	0.48	\$	1.88	\$	17,380.34	\$	68,492	\$
1100 Hb	e	U8b		1100-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	East Waste Rock Facility		36,518	ft	\$	0.15	\$	0.57	\$	5,410.73	\$	20,705	\$
1100 G	e	U6		1100-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	East Waste Rock Facility		2,100	ft	\$	-	\$	389.79	\$	-	\$	818,561	\$
1100 Gb	e	U7		1100-Gb-e-U7	Construct Downdrain Dissipators-Entire Stockpile-Final Grade	East Waste Rock Facility		2	ea	\$	-	\$	16,045.45	\$	-	\$	32,091	\$
1100 P	b	Comb1		1100-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRP	East Waste Rock Facility	-	-	\$	\$	-	\$	-	\$	-	\$	
1100 J	e	U2a		1100-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	East Waste Rock Facility		-	-	\$	5.03	\$	964.08	\$	-	\$	-	\$
1100 M	e	U24		1100-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	East Waste Rock Facility		-	-	\$	-	\$	392.50	\$	-	\$	-	\$
1201 E	a	Rp1		1201-E-a-Rp1	Rip-Top -Existing Ground	Magnetite Tailings		-	-	\$	\$	-	\$	-	\$	-	\$	
1201 A	a	Mg1		1201-A-a-Mg1	Grade-Top -Existing Ground	Magnetite Tailings		-	-	\$	\$	-	\$	-	\$	-	\$	
1202 A	a	Dz1		1202-A-a-Dz1	Grade-Dam Outslope-Existing Ground	Magnetite Tailings		-	-	\$	\$	-	\$	-	\$	-	\$	
9002 C	b	Sh1		9002-C-b-Sh1	Load-Cover	EWRP	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9102 C	b	Sh1		9102-C-b-Sh1	Load-Cover	CHR	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9202 C	b	Sh1		9202-C-b-Sh1	Load-Cover	USS	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9002 B	b	Dz1		9002-B-b-Dz1	Dozer Assist-Cover	EWRP	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9002 B	b	Dz1		9002-B-b-Dz1	Dozer Assist-Cover	EWRP	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9102 B	b	Dz1		9102-B-b-Dz1	Dozer Assist-Cover	CHR	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9202 B	b	Dz1		9202-B-b-Dz1	Dozer Assist-Cover	USS	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9002 D	b	Tk4		9002-D-b-Tk4	Haul-Cover	EWRP	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9102 D	b	Tk4		9102-D-b-Tk4	Haul-Cover	CHR	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9202 D	b	Tk4		9202-D-b-Tk4	Haul-Cover	USS	MGTI-0	-	-	\$	\$	-	\$	-	\$	-	\$	
1201 A	d	Mg1		1201-A-d-Mg1	Grade-Top -Placed Cover	Magnetite Tailings		-	-	\$	\$	-	\$	-	\$	-	\$	
1202 A	d	Mg1		1202-A-d-Mg1	Grade-Dam Outslope-Placed Cover	Magnetite Tailings		-	-	\$	\$	-	\$	-	\$	-	\$	
1202 G	e	U6		1202-G-e-U6	Construct Downdrains-Dam Outslope-Final Grade	Magnetite Tailings		220	ft	\$	-	\$	389.79	\$	-	\$	85,754	\$
1202 Gb	e	U7		1202-Gb-e-U7	Construct Downdrain Dissipators-Dam Outslope-Final Grade	Magnetite Tailings		1	ea	\$	-	\$	16,045.45	\$	-	\$	16,045	\$
1200 P	b	Comb1		1200-P-b-Comb1	Road Maintenance-Entire Impoundment	EWRP	Magnetite Tailings	-	-	\$	\$	-	\$	-	\$	-	\$	
1200 J	e	U2a		1200-J-e-U2a	Revegetate-Entire Impoundment-Final Grade	Magnetite Tailings		-	-	\$	5.03	\$	964.08	\$	-	\$	-	\$
1200 M	e	U24		1200-M-e-U24	Post-Closure O&M-Entire Impoundment-Final Grade	Magnetite Tailings		-	-	\$	-	\$	392.50	\$	-	\$	-	\$
1301 E	a	Rp1		1301-E-a-Rp1	Rip-Top-Existing Ground	North OB Stockpile Top		-	-	\$	\$	-	\$	-	\$	-	\$	
9003 C	b	Sh1		9003-C-b-Sh1	Load-Cover	EWRP	NOB-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9103 C	b	Sh1		9103-C-b-Sh1	Load-Cover	CHR	NOB-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9203 C	b	Sh1		9203-C-b-Sh1	Load-Cover	USS	NOB-0	-	-	\$	\$	-	\$	-	\$	-	\$	
9003 B	b	Dz1		9003-B-b-Dz1	Dozer Assist-Cover	EWRP	NOB-0	-	-	\$	\$	-	\$	-	\$	-	\$	

Other Reclamation Activity Costs

Assumptions:

- 1 - Cost to construct drain or channel on re-graded stockpile
 - 2 - The down drain, ACB, well plug & abandon, and well replacement costs include fuel
- May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Quantity	Unit	Fuel Unit Cost (\$/unit)	Unit Cost w/o Fuel (\$/unit) ^{1,2}	Fuel Direct Cost (\$)	Direct w/o Fuel Cost (\$)
9003 B	b	Dz1		9003-B-b-Dz1	Dozer Assist-Cover	EWRF	NOB-0	-	-	\$	-	\$	-
9103 B	b	Dz1		9103-B-b-Dz1	Dozer Assist-Cover	CHR	NOB-0	-	-	\$	-	\$	-
9203 B	b	Dz1		9203-B-b-Dz1	Dozer Assist-Cover	USS	NOB-0	-	-	\$	-	\$	-
9003 D	b	Tk4		9003-D-b-Tk4	Haul-Cover	EWRF	NOB-0	-	-	\$	-	\$	-
9103 D	b	Tk4		9103-D-b-Tk4	Haul-Cover	CHR	NOB-0	-	-	\$	-	\$	-
9203 D	b	Tk4		9203-D-b-Tk4	Haul-Cover	USS	NOB-0	-	-	\$	-	\$	-
1300 A	d	Mg1		1300-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	North OB Stockpile	-	-	-	\$	-	\$	-
1300 F	e	U3		1300-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	North OB Stockpile	-	ft	\$	0.48	\$	1.88	\$
1300 G	e	U6		1300-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	North OB Stockpile	-	ft	\$	-	\$	389.79	\$
1300 P	b	Comb1		1300-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRF	North OB Stockpile	-	-	\$	-	\$	-
1300 J	e	U2a		1300-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	North OB Stockpile	-	-	-	\$	5.03	\$	964.08
1300 M	e	U24		1300-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	North OB Stockpile	-	-	-	\$	-	\$	392.50
1401 E	a	Rp1		1401-E-a-Rp1	Rip-Top, including swale-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1406 C	a	Sh1		1406-C-a-Sh1	Load-Reclaim Pond Outlet Channel-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1406 D	a	Tk4		1406-D-a-Tk4	Haul-Reclaim Pond Outlet Channel-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1405 E	c	Mg1		1405-E-c-Mg1	Rip-Reclaim Pond-Rough Graded Material	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1402 A	a	Dz1		1402-A-a-Dz1	Grade-Filter Dike-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1403 A	a	Dz1		1403-A-a-Dz1	Grade-Main Dam-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1404 A	a	Dz1		1404-A-a-Dz1	Grade-East-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1405 A	a	Dz1		1405-A-a-Dz1	Grade-Reclaim Pond-Existing Ground	Main Tailings Impoundment	-	-	-	\$	-	\$	-
9104 C	b	Sh1		9104-C-b-Sh1	Load-Cover	CHR	MTI-0	-	-	\$	-	\$	-
9204 C	b	Sh1		9204-C-b-Sh1	Load-Cover	USS	MTI-0	-	-	\$	-	\$	-
9104 B	b	Dz1		9104-B-b-Dz1	Dozer Assist-Cover	CHR	MTI-0	-	-	\$	-	\$	-
9204 B	b	Dz1		9204-B-b-Dz1	Dozer Assist-Cover	USS	MTI-0	-	-	\$	-	\$	-
9104 D	b	Tk4		9104-D-b-Tk4	Haul-Cover	CHR	MTI-0	-	-	\$	-	\$	-
9204 D	b	Tk4		9204-D-b-Tk4	Haul-Cover	USS	MTI-0	-	-	\$	-	\$	-
1400 A	d	Mg1		1400-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	Main Tailings Impoundment	-	-	-	\$	-	\$	-
1400 F	e	U3		1400-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	9,964	ft	\$	0.48	\$	4,742.32
1400 Hb	e	U8b		1400-Hb-e-U8b	Construct Channels w/o Riprap-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	9,964	ft	\$	0.15	\$	1,476.35
1400 G	e	U6		1400-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	575	ft	\$	-	\$	224.130
1400 Gb	e	U7		1400-Gb-e-U7	Construct Down drain Dissipators-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	1	ea	\$	-	\$	16,045
1400 P	b	Comb1		1400-P-b-Comb1	Road Maintenance-Entire Stockpile	EWRF	Main Tailings Impoundment	-	-	\$	-	\$	-
1400 J	e	U2a		1400-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	-	-	\$	5.03	\$	964.08
1400 M	e	U24		1400-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	Main Tailings Impoundment	-	-	-	\$	-	\$	392.50
1500 E	a	Rp1		1500-E-a-Rp1	Rip-Entire Road-Existing Ground	Cobre Haul Road	-	-	-	\$	-	\$	-
1503 A	a	Dz1		1503-A-a-Dz1	Grade-West HC Outslope-pushdown-Existing Ground	Cobre Haul Road	-	-	-	\$	-	\$	-
9007 C	b	Sh1		9007-C-b-Sh1	Load-Cover	EWRF	CHR-0	-	-	\$	-	\$	-
9107 C	b	Sh1		9107-C-b-Sh1	Load-Cover	CHR	MTI-3	-	-	\$	-	\$	-
9207 C	b	Sh1		9207-C-b-Sh1	Load-Cover	USS	MTI-3	-	-	\$	-	\$	-
9007 B	b	Dz1		9007-B-b-Dz1	Dozer Assist-Cover	EWRF	CHR-0	-	-	\$	-	\$	-
9007 B	b	Dz1		9007-B-b-Dz1	Dozer Assist-Cover	EWRF	CHR-0	-	-	\$	-	\$	-
9107 B	b	Dz1		9107-B-b-Dz1	Dozer Assist-Cover	CHR	MTI-3	-	-	\$	-	\$	-
9207 B	b	Dz1		9207-B-b-Dz1	Dozer Assist-Cover	USS	MTI-3	-	-	\$	-	\$	-
9007 D	b	Tk4		9007-D-b-Tk4	Haul-Cover	EWRF	CHR-0	-	-	\$	-	\$	-
9107 D	b	Tk4		9107-D-b-Tk4	Haul-Cover	CHR	MTI-3	-	-	\$	-	\$	-
9207 D	b	Tk4		9207-D-b-Tk4	Haul-Cover	USS	MTI-3	-	-	\$	-	\$	-
1500 A	d	Mg1		1500-A-d-Mg1	Grade-Entire Road-Placed Cover	Cobre Haul Road	-	-	-	\$	-	\$	-
1500 F	e	U3		1500-F-e-U3	Grade Benches-Entire Road-Final Grade	Cobre Haul Road	-	ft	\$	0.48	\$	1.88	\$
1500 G	e	U6		1500-G-e-U6	Construct Downdrains-Entire Road-Final Grade	Cobre Haul Road	-	ft	\$	-	\$	389.79	\$
1500 P	b	Comb1		1500-P-b-Comb1	Road Maintenance-Entire Road	EWRF	Cobre Haul Road	-	-	\$	-	\$	-
1500 J	e	U2a		1500-J-e-U2a	Revegetate-Entire Road-Final Grade	Cobre Haul Road	-	-	-	\$	5.03	\$	964.08
1500 M	e	U24		1500-M-e-U24	Post-Closure O&M-Entire Road-Final Grade	Cobre Haul Road	-	-	-	\$	-	\$	392.50
1602 E	a	Rp1		1602-E-a-Rp1	Rip-Accessible Flat Areas-Existing Ground	Hanover Mountain Pit	-	-	-	\$	-	\$	-
9005 C	b	Sh1		9005-C-b-Sh1	Load-Cover	EWRF	HM-2	-	-	\$	-	\$	-
9105 C	b	Sh1		9105-C-b-Sh1	Load-Cover	CHR	HM-2	-	-	\$	-	\$	-
9205 C	b	Sh1		9205-C-b-Sh1	Load-Cover	USS	HM-2	-	-	\$	-	\$	-
9005 B	b	Dz1		9005-B-b-Dz1	Dozer Assist-Cover	EWRF	HM-2	-	-	\$	-	\$	-
9005 B	b	Dz1		9005-B-b-Dz1	Dozer Assist-Cover	EWRF	HM-2	-	-	\$	-	\$	-
9105 B	b	Dz1		9105-B-b-Dz1	Dozer Assist-Cover	CHR	HM-2	-	-	\$	-	\$	-
9205 B	b	Dz1		9205-B-b-Dz1	Dozer Assist-Cover	USS	HM-2	-	-	\$	-	\$	-
9005 D	b	Tk4		9005-D-b-Tk4	Haul-Cover	EWRF	HM-2	-	-	\$	-	\$	-
9105 D	b	Tk4		9105-D-b-Tk4	Haul-Cover	CHR	HM-2	-	-	\$	-	\$	-
9205 D	b	Tk4		9205-D-b-Tk4	Haul-Cover	USS	HM-2	-	-	\$	-	\$	-
1602 A	d	Mg1		1602-A-d-Mg1	Grade-Accessible Flat Areas-Placed Cover	Hanover Mountain Pit	-	-	-	\$	-	\$	-
1602 F	e	U3		1602-F-e-U3	Grade Benches-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	ft	\$	0.48	\$	1.88	\$
1602 G	e	U3		1602-G-e-U3	Grade Benches-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	ft	\$	0.48	\$	1.88	\$
1602 G	e	U6		1602-G-e-U6	Construct Downdrains-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	ft	\$	-	\$	389.79	\$
1602 P	a	Comb1		1602-P-a-Comb1	Road Maintenance-Accessible Flat Areas	Hanover Mountain Pit	-	ft	\$	-	\$	389.79	\$
1602 J	e	U2a		1602-J-e-U2a	Revegetate-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	-	-	\$	5.03	\$	964.08
1602 M	e	U24		1602-M-e-U24	Post-Closure O&M-Accessible Flat Areas-Final Grade	Hanover Mountain Pit	-	-	-	\$	-	\$	392.50

Other Reclamation Activity Costs

Assumptions:

- 1 - Cost to construct drain or channel on re-graded stockpile
- 2 - The downdrain, ACB, well plug & abandon, and well replacement costs include fuel
 May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Quantity	Unit	Fuel Unit Cost (\$/unit)	Unit Cost w/o Fuel (\$/unit) ^{1,2}	Fuel Direct Cost (\$)	Direct w/o Fuel Cost (\$)
1601 R	e	U27		1601-R-e-U27	Construct Berms-Hanover Mountain Perimeter-Final Grade	Hanover Mountain Pit	-	6,232	ft	\$ -	\$ 0.39	\$ -	\$ 2,454
1601 Sb	e	U28		1601-Sb-e-U28	Livestock Fence-Hanover Mountain Perimeter-Final Grade	Hanover Mountain Pit	-	-	ft	\$ -	\$ 184.99	\$ -	\$ -
1701 R	e	U27		1701-R-e-U27	Construct Berms-Perimeter-Final Grade	Continental Pit	-	6,635	ft	\$ -	\$ 0.39	\$ -	\$ 2,613
1701 Sb	e	U28		1701-Sb-e-U28	Livestock Fence-Perimeter-Final Grade	Continental Pit	-	-	ft	\$ -	\$ 184.99	\$ -	\$ -
1801 E	a	Rp1		1801-E-a-Rp1	Rip-Top -Existing Ground	Low Grade Ore Waste Rock Facility	-	-	-	\$ -	\$ -	\$ -	\$ -
1802 A	a	Dz1		1802-A-a-Dz1	Grade-Outslopes-Existing Ground	Low Grade Ore Waste Rock Facility	-	-	-	\$ -	\$ -	\$ -	\$ -
9006 C	b	Sh1		9006-C-b-Sh1	Load-Cover	EWRP	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9106 C	b	Sh1		9106-C-b-Sh1	Load-Cover	CHR	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9206 C	b	Sh1		9206-C-b-Sh1	Load-Cover	USS	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9006 B	b	Dz1		9006-B-b-Dz1	Dozer Assist-Cover	EWRP	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9006 B	b	Dz1		9006-B-b-Dz1	Dozer Assist-Cover	EWRP	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9106 B	b	Dz1		9106-B-b-Dz1	Dozer Assist-Cover	CHR	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9206 B	b	Dz1		9206-B-b-Dz1	Dozer Assist-Cover	USS	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9006 D	b	Tk4		9006-D-b-Tk4	Haul-Cover	EWRP	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9106 D	b	Tk4		9106-D-b-Tk4	Haul-Cover	CHR	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
9206 D	b	Tk4		9206-D-b-Tk4	Haul-Cover	USS	LGWRF-0	-	-	\$ -	\$ -	\$ -	\$ -
1800 A	d	Mg1		1800-A-d-Mg1	Grade-Entire Stockpile-Placed Cover	Low Grade Ore Waste Rock Facility	-	-	-	\$ -	\$ -	\$ -	\$ -
1800 F	e	U3		1800-F-e-U3	Grade Benches-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	2,004	ft	\$ 0.48	\$ 1.88	\$ 953.79	\$ 3,759
1800 G	e	U3		1800-G-e-U3	Grade Benches-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	2,004	ft	\$ 0.48	\$ 1.88	\$ 953.79	\$ 3,759
1800 G	e	U6		1800-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	398	ft	\$ -	\$ 389.79	\$ -	\$ 155,137
1800 G	e	U6		1800-G-e-U6	Construct Downdrains-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	398	ft	\$ -	\$ 389.79	\$ -	\$ 155,137
1800 P	a	Comb1		1800-P-a-Comb1	Road Maintenance-Entire Stockpile	Low Grade Ore Waste Rock Facility	-	-	-	\$ -	\$ -	\$ -	\$ -
1800 J	e	U2a		1800-J-e-U2a	Revegetate-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	-	-	\$ 5.03	\$ 964.08	\$ -	\$ -
1800 M	e	U24		1800-M-e-U24	Post-Closure O&M-Entire Stockpile-Final Grade	Low Grade Ore Waste Rock Facility	-	-	-	\$ -	\$ 392.50	\$ -	\$ -
2001 K	a	Ex1		2001-K-a-Ex1	Perforate Liner-Blackman's Seep (Pond #2) -Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2002 K	a	Ex1		2002-K-a-Ex1	Perforate Liner-Decant Pond #4-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2003 K	a	Ex1		2003-K-a-Ex1	Perforate Liner-East WRF Containment-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2004 K	a	Ex1		2004-K-a-Ex1	Perforate Liner-Grape Gulch Pond #3-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2005 K	a	Ex1		2005-K-a-Ex1	Perforate Liner-Magnetite Seepage Pond-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2006 K	a	Ex1		2006-K-a-Ex1	Perforate Liner-North Tailings Decant Pond-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2007 K	a	Ex1		2007-K-a-Ex1	Perforate Liner-SWRF Dam 1-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2008 K	a	Ex1		2008-K-a-Ex1	Perforate Liner-SWRF Dam 2-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2009 K	a	Ex1		2009-K-a-Ex1	Perforate Liner-SWRF Dam 3-Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
2010 K	a	Ex1		2010-K-a-Ex1	Perforate Liner-Upper Creek Containment Pond 1 -Existing Ground	Containments	-	-	-	\$ -	\$ -	\$ -	\$ -
9008 C	b	Sh1		9008-C-b-Sh1	Load-Cover	EWRP	Cntmnt-1	-	-	\$ -	\$ -	\$ -	\$ -
9009 C	b	Sh1		9009-C-b-Sh1	Load-Cover	EWRP	Cntmnt-2	-	-	\$ -	\$ -	\$ -	\$ -
9010 C	b	Sh1		9010-C-b-Sh1	Load-Cover	EWRP	Cntmnt-3	-	-	\$ -	\$ -	\$ -	\$ -
9011 C	b	Sh1		9011-C-b-Sh1	Load-Cover	EWRP	Cntmnt-4	-	-	\$ -	\$ -	\$ -	\$ -
9012 C	b	Sh1		9012-C-b-Sh1	Load-Cover	EWRP	Cntmnt-5	-	-	\$ -	\$ -	\$ -	\$ -
9013 C	b	Sh1		9013-C-b-Sh1	Load-Cover	EWRP	Cntmnt-6	-	-	\$ -	\$ -	\$ -	\$ -
9014 C	b	Sh1		9014-C-b-Sh1	Load-Cover	EWRP	Cntmnt-7	-	-	\$ -	\$ -	\$ -	\$ -
9015 C	b	Sh1		9015-C-b-Sh1	Load-Cover	EWRP	Cntmnt-8	-	-	\$ -	\$ -	\$ -	\$ -
9016 C	b	Sh1		9016-C-b-Sh1	Load-Cover	EWRP	Cntmnt-9	-	-	\$ -	\$ -	\$ -	\$ -
9017 C	b	Sh1		9017-C-b-Sh1	Load-Cover	EWRP	Cntmnt-10	-	-	\$ -	\$ -	\$ -	\$ -
9008 B	b	Dz1		9008-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-1	-	-	\$ -	\$ -	\$ -	\$ -
9009 B	b	Dz1		9009-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-2	-	-	\$ -	\$ -	\$ -	\$ -
9010 B	b	Dz1		9010-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-3	-	-	\$ -	\$ -	\$ -	\$ -
9011 B	b	Dz1		9011-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-4	-	-	\$ -	\$ -	\$ -	\$ -
9012 B	b	Dz1		9012-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-5	-	-	\$ -	\$ -	\$ -	\$ -
9013 B	b	Dz1		9013-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-6	-	-	\$ -	\$ -	\$ -	\$ -
9014 B	b	Dz1		9014-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-7	-	-	\$ -	\$ -	\$ -	\$ -
9015 B	b	Dz1		9015-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-8	-	-	\$ -	\$ -	\$ -	\$ -
9016 B	b	Dz1		9016-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-9	-	-	\$ -	\$ -	\$ -	\$ -
9017 B	b	Dz1		9017-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-10	-	-	\$ -	\$ -	\$ -	\$ -
9008 D	b	Tk4		9008-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-1	-	-	\$ -	\$ -	\$ -	\$ -
9009 D	b	Tk4		9009-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-2	-	-	\$ -	\$ -	\$ -	\$ -
9010 D	b	Tk4		9010-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-3	-	-	\$ -	\$ -	\$ -	\$ -
9011 D	b	Tk4		9011-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-4	-	-	\$ -	\$ -	\$ -	\$ -
9012 D	b	Tk4		9012-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-5	-	-	\$ -	\$ -	\$ -	\$ -
9013 D	b	Tk4		9013-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-6	-	-	\$ -	\$ -	\$ -	\$ -
9014 D	b	Tk4		9014-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-7	-	-	\$ -	\$ -	\$ -	\$ -

Other Reclamation Activity Costs

Assumptions:

- 1 - Cost to construct drain or channel on re-graded stockpile
 - 2 - The down drain, ACB, well plug & abandon, and well replacement costs include fuel
- May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Quantity	Unit	Fuel Unit Cost (\$/unit)	Unit Cost w/o Fuel (\$/unit) ^{1,2}	Fuel Direct Cost (\$)	Direct w/o Fuel Cost (\$)
9015 D	b	Tk4		9015-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-8	-	-	\$	-	\$	-
9016 D	b	Tk4		9016-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-9	-	-	\$	-	\$	-
9017 D	b	Tk4		9017-D-b-Tk4	Haul-Cover	EWRP	Cntmnt-10	-	-	\$	-	\$	-
9108 C	b	Sh1		9108-C-b-Sh1	Load-Cover	CHR	Cntmnt-1	-	-	\$	-	\$	-
9109 C	b	Sh1		9109-C-b-Sh1	Load-Cover	CHR	Cntmnt-2	-	-	\$	-	\$	-
9110 C	b	Sh1		9110-C-b-Sh1	Load-Cover	CHR	Cntmnt-3	-	-	\$	-	\$	-
9111 C	b	Sh1		9111-C-b-Sh1	Load-Cover	CHR	Cntmnt-4	-	-	\$	-	\$	-
9112 C	b	Sh1		9112-C-b-Sh1	Load-Cover	CHR	Cntmnt-5	-	-	\$	-	\$	-
9113 C	b	Sh1		9113-C-b-Sh1	Load-Cover	CHR	Cntmnt-6	-	-	\$	-	\$	-
9114 C	b	Sh1		9114-C-b-Sh1	Load-Cover	CHR	Cntmnt-7	-	-	\$	-	\$	-
9115 C	b	Sh1		9115-C-b-Sh1	Load-Cover	CHR	Cntmnt-8	-	-	\$	-	\$	-
9116 C	b	Sh1		9116-C-b-Sh1	Load-Cover	CHR	Cntmnt-9	-	-	\$	-	\$	-
9117 C	b	Sh1		9117-C-b-Sh1	Load-Cover	CHR	Cntmnt-10	-	-	\$	-	\$	-
9008 B	b	Dz1		9008-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-1	-	-	\$	-	\$	-
9009 B	b	Dz1		9009-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-2	-	-	\$	-	\$	-
9010 B	b	Dz1		9010-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-3	-	-	\$	-	\$	-
9011 B	b	Dz1		9011-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-4	-	-	\$	-	\$	-
9012 B	b	Dz1		9012-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-5	-	-	\$	-	\$	-
9013 B	b	Dz1		9013-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-6	-	-	\$	-	\$	-
9014 B	b	Dz1		9014-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-7	-	-	\$	-	\$	-
9015 B	b	Dz1		9015-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-8	-	-	\$	-	\$	-
9016 B	b	Dz1		9016-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-9	-	-	\$	-	\$	-
9017 B	b	Dz1		9017-B-b-Dz1	Dozer Assist-Cover	EWRP	Cntmnt-10	-	-	\$	-	\$	-
9108 D	b	Tk4		9108-D-b-Tk4	Haul-Cover	CHR	Cntmnt-1	-	-	\$	-	\$	-
9109 D	b	Tk4		9109-D-b-Tk4	Haul-Cover	CHR	Cntmnt-2	-	-	\$	-	\$	-
9110 D	b	Tk4		9110-D-b-Tk4	Haul-Cover	CHR	Cntmnt-3	-	-	\$	-	\$	-
9111 D	b	Tk4		9111-D-b-Tk4	Haul-Cover	CHR	Cntmnt-4	-	-	\$	-	\$	-
9112 D	b	Tk4		9112-D-b-Tk4	Haul-Cover	CHR	Cntmnt-5	-	-	\$	-	\$	-
9113 D	b	Tk4		9113-D-b-Tk4	Haul-Cover	CHR	Cntmnt-6	-	-	\$	-	\$	-
9114 D	b	Tk4		9114-D-b-Tk4	Haul-Cover	CHR	Cntmnt-7	-	-	\$	-	\$	-
9115 D	b	Tk4		9115-D-b-Tk4	Haul-Cover	CHR	Cntmnt-8	-	-	\$	-	\$	-
9116 D	b	Tk4		9116-D-b-Tk4	Haul-Cover	CHR	Cntmnt-9	-	-	\$	-	\$	-
9117 D	b	Tk4		9117-D-b-Tk4	Haul-Cover	CHR	Cntmnt-10	-	-	\$	-	\$	-
2000 A	d	Mg1		2000-A-d-Mg1	Grade-All Containments-Placed Cover	Containments	-	-	-	-	\$	-	\$
2000 P	a	Comb1		2000-P-a-Comb1	Road Maintenance-All Containments	Containments	-	-	-	-	\$	-	\$
2000 J	e	U2a		2000-J-e-U2a	Revegetate-All Containments-Final Grade	Containments	-	-	-	-	\$	-	\$
3002 E	a	Rp1		3002-E-a-Rp1	Rip-Tailings Pipeline Corridor-Existing Ground	Miscellaneous	-	-	-	-	\$	-	\$
9018 C	b	Sh1		9018-C-b-Sh1	Load-Cover	EWRP	Misc-2	-	-	\$	-	\$	-
9118 C	b	Sh1		9118-C-b-Sh1	Load-Cover	CHR	Misc-2	-	-	\$	-	\$	-
9218 C	b	Sh1		9218-C-b-Sh1	Load-Cover	USS	Misc-2	-	-	\$	-	\$	-
9018 B	b	Dz1		9018-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-2	-	-	\$	-	\$	-
9019 B	b	Dz1		9019-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-2	-	-	\$	-	\$	-
9219 B	b	Dz1		9219-B-b-Dz1	Dozer Assist-Cover	USS	Misc-2	-	-	\$	-	\$	-
9018 D	b	Tk4		9018-D-b-Tk4	Haul-Cover	EWRP	Misc-2	-	-	\$	-	\$	-
9118 D	b	Tk4		9118-D-b-Tk4	Haul-Cover	CHR	Misc-2	-	-	\$	-	\$	-
9218 D	b	Tk4		9218-D-b-Tk4	Haul-Cover	USS	Misc-2	-	-	\$	-	\$	-
3002 A	d	Mg1		3002-A-d-Mg1	Grade-Tailings Pipeline Corridor-Placed Cover	Miscellaneous	-	-	-	-	\$	-	\$
3002 P	a	Comb1		3002-P-a-Comb1	Road Maintenance-Tailings Pipeline Corridor	Miscellaneous	-	-	-	-	\$	-	\$
3002 J	e	U2a		3002-J-e-U2a	Revegetate-Tailings Pipeline Corridor-Final Grade	Miscellaneous	-	-	-	-	\$	-	\$
3002 M	e	U2a		3002-M-e-U2a	Post-Closure O&M-Tailings Pipeline Corridor-Final Grade	Miscellaneous	-	-	-	-	\$	-	\$
3003 E	a	Rp1		3003-E-a-Rp1	Rip-Exploration Roads-Existing Ground	Miscellaneous	-	-	-	-	\$	-	\$
3003 P	b	Comb1		3003-P-b-Comb1	Road Maintenance-Exploration Roads	USS	Misc-3	-	-	\$	-	\$	-
3003 J	e	U2a		3003-J-e-U2a	Revegetate-Exploration Roads-Final Grade	Miscellaneous	-	-	-	-	\$	-	\$
3003 M	e	U2a		3003-M-e-U2a	Post-Closure O&M-Exploration Roads-Final Grade	Miscellaneous	-	-	-	-	\$	-	\$
3004 E	a	Rp1		3004-E-a-Rp1	Rip-Internal Haul Roads-Existing Ground	Miscellaneous	-	-	-	-	\$	-	\$
9019 C	b	Sh1		9019-C-b-Sh1	Load-Cover	EWRP	Misc-3	-	-	\$	-	\$	-
9119 C	b	Sh1		9119-C-b-Sh1	Load-Cover	CHR	Misc-4	-	-	\$	-	\$	-
9219 C	b	Sh1		9219-C-b-Sh1	Load-Cover	USS	Misc-4	-	-	\$	-	\$	-
9019 B	b	Dz1		9019-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-3	-	-	\$	-	\$	-
9019 B	b	Dz1		9019-B-b-Dz1	Dozer Assist-Cover	EWRP	Misc-3	-	-	\$	-	\$	-
9119 B	b	Dz1		9119-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-4	-	-	\$	-	\$	-
9219 B	b	Dz1		9219-B-b-Dz1	Dozer Assist-Cover	USS	Misc-4	-	-	\$	-	\$	-
9019 D	b	Tk4		9019-D-b-Tk4	Haul-Cover	EWRP	Misc-3	-	-	\$	-	\$	-
9119 D	b	Tk4		9119-D-b-Tk4	Haul-Cover	CHR	Misc-4	-	-	\$	-	\$	-
9219 D	b	Tk4		9219-D-b-Tk4	Haul-Cover	USS	Misc-4	-	-	\$	-	\$	-
3004 A	d	Mg1		3004-A-d-Mg1	Grade-Internal Haul Roads-Placed Cover	Miscellaneous	-	-	-	-	\$	-	\$
3004 P	a	Comb1		3004-P-a-Comb1	Road Maintenance-Internal Haul Roads	Miscellaneous	-	-	-	-	\$	-	\$
3004 J	e	U2a		3004-J-e-U2a	Revegetate-Internal Haul Roads-Final Grade	Miscellaneous	-	-	-	-	\$	-	\$
3004 M	e	U2a		3004-M-e-U2a	Post-Closure O&M-Internal Haul Roads-Final Grade	Miscellaneous	-	-	-	-	\$	-	\$
3005 E	a	Rp1		3005-E-a-Rp1	Rip-High Grade Ore Remaining Area-Existing Ground	Miscellaneous	-	-	-	-	\$	-	\$

Other Reclamation Activity Costs

Assumptions:

- 1 - Cost to construct drain or channel on re-graded stockpile
 - 2 - The downdrain, ACB, well plug & abandon, and well replacement costs include fuel
- May filter on equipment (D14) to show pertinent rows

Item	Activity	Material	Eq	ID	Description	Source Location 1	Destination Location 2	Quantity	Unit	Fuel Unit Cost (\$/unit)	Unit Cost w/o Fuel (\$/unit) ^{1,2}	Fuel Direct Cost (\$)	Direct w/o Fuel Cost (\$)		
9020 C	C	b	Sh1	9020-C-b-Sh1	Load-Cover	EWRF	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9120 C	C	b	Sh1	9120-C-b-Sh1	Load-Cover	CHR	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9220 C	C	b	Sh1	9220-C-b-Sh1	Load-Cover	USS	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9020 B	B	b	Dz1	9020-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9020 B	B	b	Dz1	9020-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9120 B	B	b	Dz1	9120-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9220 B	B	b	Dz1	9220-B-b-Dz1	Dozer Assist-Cover	USS	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9020 D	D	b	Tk4	9020-D-b-Tk4	Haul-Cover	EWRF	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9120 D	D	b	Tk4	9120-D-b-Tk4	Haul-Cover	CHR	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
9220 D	D	b	Tk4	9220-D-b-Tk4	Haul-Cover	USS	Misc-5	-	-	\$ -	\$ -	\$ -	\$ -		
3005 A	A	d	Mg1	3005-A-d-Mg1	Grade-High Grade Ore Remaining Area-Placed Cover	Miscellaneous	-	-	-	\$ -	\$ -	\$ -	\$ -		
3005 P	P	a	Comb1	3005-P-a-Comb1	Road Maintenance-High Grade Ore Remaining Area	Miscellaneous	-	-	-	\$ -	\$ -	\$ -	\$ -		
3005 J	J	e	U2a	3005-J-e-U2a	Revegetate-High Grade Ore Remaining Area-Final Grade	Miscellaneous	-	-	\$ 5.03	\$ 964.08	\$ -	\$ -			
3005 M	M	e	U2a	3005-M-e-U2a	Post-Closure O&M-High Grade Ore Remaining Area-Final Grade	Miscellaneous	-	-	\$ -	\$ 392.50	\$ -	\$ -			
3007 E	E	a	Rp1	3007-E-a-Rp1	Rip-Unplanned Disturbance Area-Existing Ground	Miscellaneous	-	-	-	\$ -	\$ -	\$ -	\$ -		
9021 C	C	b	Sh1	9021-C-b-Sh1	Load-Cover	EWRF	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9121 C	C	b	Sh1	9121-C-b-Sh1	Load-Cover	CHR	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9221 C	C	b	Sh1	9221-C-b-Sh1	Load-Cover	USS	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9021 B	B	b	Dz1	9021-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9021 B	B	b	Dz1	9021-B-b-Dz1	Dozer Assist-Cover	EWRF	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9121 B	B	b	Dz1	9121-B-b-Dz1	Dozer Assist-Cover	CHR	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9221 B	B	b	Dz1	9221-B-b-Dz1	Dozer Assist-Cover	USS	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9021 D	D	b	Tk4	9021-D-b-Tk4	Haul-Cover	EWRF	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9121 D	D	b	Tk4	9121-D-b-Tk4	Haul-Cover	CHR	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
9221 D	D	b	Tk4	9221-D-b-Tk4	Haul-Cover	USS	Misc-7	-	-	\$ -	\$ -	\$ -	\$ -		
3007 A	A	d	Mg1	3007-A-d-Mg1	Grade-Unplanned Disturbance Area-Placed Cover	Miscellaneous	-	-	-	\$ -	\$ -	\$ -	\$ -		
3007 P	P	a	Comb1	3007-P-a-Comb1	Road Maintenance-Unplanned Disturbance Area	Miscellaneous	-	-	-	\$ -	\$ -	\$ -	\$ -		
3007 J	J	e	U2a	3007-J-e-U2a	Revegetate-Unplanned Disturbance Area-Final Grade	Miscellaneous	-	-	\$ 5.03	\$ 964.08	\$ -	\$ -			
3007 M	M	e	U2a	3007-M-e-U2a	Post-Closure O&M-Unplanned Disturbance Area-Final Grade	Miscellaneous	-	-	\$ -	\$ 392.50	\$ -	\$ -			
3006 N	N	a	U18	3006-N-a-U18	Plug and Abandon Well-P&A Wells-Existing Ground	Miscellaneous	-	8,022	ft	\$ -	\$ -	\$ 20.84	\$ 167,192		
TOTAL												\$	76,499	\$	3,675,911

Continental Mine

Reclamation Summary Stockpiles, Haul Roads, Reservoirs, and Disturbed Areas

		Current Value
DIRECT COSTS	Facility and Structure Removal	\$2,622,059
	Earthmoving	\$11,457,907
	Revegetation	\$815,205
	Other	\$3,752,410
	Subtotal, Direct Costs	\$18,647,581
INDIRECT COSTS	Subtotal, Indirect Costs	30.0% \$5,594,274
TOTAL COST		\$24,241,855

Notes:
 Indirect costs are based on 2019 agreement between FMI and agencies
 Indirect costs include but are not limited to mobilization and demobilization, engineering redesign fee, contingencies, contractor profit and overhead, project management fee, and state procurement cost