Newmont
CRIPPLE CREEK & VICTOR

Permit M-1980-244

Cresson Project Amendment 14

Exhibit L

Reclamation Costs

TABLE OF CONTENTS

1 RECLAMATION COSTS

The following sections present a summary of financial liabilities associated with Amendment 14 and all previous existing liabilities. A detailed analysis of reclamation costs is provided herein.

1.1 Introduction and Approach

The financial warranty calculations addressed below include the reclamation for the entire Cresson Project, including the activities of this Amendment 14. Updated and current reclamation costs have been provided, including facility changes to support the planned activities associated with this Amendment 14.

Included in the cost calculation are the following facilities and related cost items.

- Portal access
- Portal support facilities
- Development mining areas
- Main Cresson Mine area
- East Cresson Mine area
- North Cresson Mine area
- South Cresson Mine area
- Dump 1 (formerly SGOSA)
- East Cresson Overburden Storage Area (ECOSA)
- Valley Leach Facility (VLF) Rinsing and Neutralization for both VLF1 and VLF2
- VLF Physical Reclamation for both VLF1 and VLF2
- Arequa Gulch Adsorption, Desorption and Recovery (AGAD, also referred to as ADR1) and Adsorption, Desorption and Recovery 2 (ADR2, formerly SGADR) facilities
- High Grade (HG) Mill facilities
- External Solution storage Pond (ESP), Sediment Ponds, and Storm Water Control Basins
- Monitoring wells and piezometers
- Haul roads
- Growth medium storage areas
- Powerlines
- Support buildings and footprints
- Surface mine highwall fencing
- Clean-up and miscellaneous areas
- Revegetation repairs and maintenance
- Ancillary areas
- Viewshed conservation areas

- Mobilization and de-mobilization of equipment
- Indirect costs (e.g., public liability, contractor's performance bond, overhead and profit, regulator management fee, and contingency)

The reclamation liability for the life of mine build out has been calculated using the Standard Reclamation Cost Estimator (SRCE). Output from the SRCE is attached to this narrative. Cripple Creek & Victor Gold Mining Company (CC&V) will provide the Division with an annual financial warranty update at the end of October each year. This update will provide an estimated financial warranty for the following years planned disturbance. The financial warranty updated will include updated unit costs, labor costs, and material costs. Additionally, CC&V will use the Closure and Reclamation technical template (CRTT) to prorate the full build in SRCE to reflect the following years year's liability. This is consistent with the incremental bonding approach previously used by CC&V and accepted by the Division of Reclamation, Mining and Safety (DRMS), and is consistent with the Mined Land Reclamation Act and Rules and Regulations. The financial warranty estimate has been developed to support this approach.

The general approach for cost estimating involved calculating the areas and volumes for particular facilities using either direct measurements from software programs (e.g., AutoCAD and Minesight), constructing cross-sections before and after reclamation, measuring from aerial photos using a polar planimeter, or simple computations involving lengths, widths, and heights. Using the volumes and areas determined as above, earthmoving and reclamation equipment were selected based on productivities developed for the specific project involved using such resources as the *Caterpillar Performance Handbook*, time study information, and professional engineering judgment, where appropriate.

For most facilities the basic outline of reclamation involves the following sequential steps: (1) grading, slope reduction, re-contouring with dozers or scrapers; (2) replacing growth medium to a depth of approximately six inches; (3) preparing a seed-bed by scarifying or ripping; (4) revegetation consisting of fertilizing, seeding, and mulching; and (5) planting trees and shrubs on north- and east-facing slopes.

2 PROJECT FINANCIAL WARRANTY REQUIREMENTS

To ensure that the Cresson Project is reclaimed, CC&V will post an appropriate financial warranty, the amount of which has been computed in accordance with the practices used in previously submitted financial warranty computations. Costs developed are in year 2024 dollars. The financial warranty calculations include those items requiring reclamation at the Cresson Project and the appropriate DRMS administration fees. Thereafter, the financial warranty will be reviewed on a periodic basis and adjusted accordingly for the cost to reclaim lands to be affected in the

coming period plus the cost to reclaim those lands affected in previous years and not yet fully reclaimed.

Relevant costs have been included in the computations for reclamation and closure activities for the entire Cresson Project including the activities associated with Amendment 14. The costs have been developed assuming that an independent (i.e., 3rd-Party) contractor will perform the reclamation activities. The procedures followed and the assumptions used to develop the financial warranty are discussed in the following sections.

3 RECLAMATION EARTHMOVING COSTS

The estimated reclamation costs have been developed on the basis of standard production rates for equipment normally used for reclamation work. The costs assume the work is completed by an independent contractor using the following pieces of major equipment.

3.1 Scrapers and Trucks

Scrapers and trucks were assumed to transport the growth medium and to perform certain grading and re-contouring work. For this cost estimate, Caterpillar (Cat) 623 (single engine) scrapers and trucks (Cat 740 and 777C) were used in determining the productivity rates of hauling suitable growth medium from storage areas and in certain instances these machines were used for hauling neutralized ore (VLFs) or overburden (OSAs) to achieve final contours.

3.2 Loaders

Cat 988B and 992D loaders were assumed to be used to load the Cat 740 and 777 haul trucks. A smaller loader (e.g., 972 model) was assumed for loading other materials needed for reclamation.

3.3 Bulldozers (Dozers)

Dozers were assumed to be used for most heavy grading, re-contouring, and slope reduction for the larger facilities such as the surface mine backfills, the VLFs, and the OSAs. For this work, Cat D10 and D11 dozers were assumed in the cost estimate.

3.4 Support Equipment

Earthmoving activities on a large scale will require support equipment such as dozers for spreading growth medium, water trucks for controlling dust on the haul roads, and graders to maintain the haul road surface. In most cases, the respective equipment selected for these tasks

consisted of a D9 dozer for spreading growth media, 5,000-gal water truck to water haul roads for dust control, and a CAT Model 14 grader for maintaining haul roads.

3.5 Other Equipment

Revegetation equipment selected included either a CAT D8 dozer or a CAT D4 dozer mounted with a cyclone style seeder, chain, or harrow depending on the severity of the slope to be traversed. A combination hydro-seeder/hydro-mulcher was selected for distributing wood fiber hydro-mulch and for some of the seeding effort. A conventional agricultural helicopter was selected for the steeper slope seeding and fertilizing where normal agricultural equipment cannot be expected to operate. Other minor pieces of equipment used for specific tasks as outlined on the individual facility cost sheets also were included in the cost estimate.

4 CALCULATION OF PRODUCTION RATES FOR EQUIPMENT

Using the volumes and areas computed for the various facilities to accomplish reclamation, production rates (also known as “productivities”) for the selected equipment were developed in the SRCE, taking into account such factors as characteristics of materials handled (i.e., loose, hard, wet, dense, etc.), haul distance, grade resistance, operator efficiency, equipment utilization rate, capacity of loader buckets and truck beds, etc. It should be noted that for the equipment selected for the financial warranty estimate, machine productivities predicted by the *Caterpillar Performance Handbook* do not significantly vary between editions, and changes in cost are governed mostly by price escalation and haul distances.

5 CALCULATION OF REVEGETATION COSTS

Various seed mixtures used at CC&V have been evaluated and improved upon as appropriate during the course of completing concurrent reclamation projects. As a result, CC&V continues to obtain species best suited for reclaiming of the Cresson Project. It is CC&V’s experience that certain species will be replaced with improved native or adapted species capable of supporting the wildlife habitat and livestock grazing post-mining land uses. Revegetation costs are based on actual costs for seed and the Division’s application costs as approved in Technical Revision (TR) 115 (TR-115).

CALCULATION OF DEMOLITION COSTS

The demolition cost for most structures were adjusted to exceed or match the latest version of *R.S. Means Heavy Construction* Cost *Data for 2018*, using the dimensions of the structure and applying an appropriate cost per unit of volume. SRCE has revised assumptions about facility demolition, a premium was applied to the SRCE unit cost to meet or exceed the RSMeans Rate.

This cost estimate does not account for the salvage value, or the scrap metal value of materials generated during a large-scale project.

6 CALCULATION OF DETOXIFICATION COSTS

The detoxification procedure for the VLFs is consistent with prior submittals and includes using two pore volumes of water to rinse with a series of resting and rinsing periods followed by an application of one pore volume of H_2O_2 treated water. The rinsing is followed by a period of water sampling to determine whether neutralization of the facilities have been achieved to acceptable standards. The rinse objective is to achieve an average of less than 0.2 milligrams per liter (mg/L) of weak acid dissolute cyanide (CN_{WAD}) in the rinse water from the facilities. Current CC&V operating costs have been used to establish water-handling costs in this estimate.

7 SUMMARY

Financial warranty requirements for reclamation of the Cresson Project through the end of 2024 have been estimated to be approximately $205,084,543 USD. The overall costs will be incrementally adjusted year as disturbance is increased.

8 REFERENCES

Caterpillar Performance Handbook. Caterpillar. Peoria, Illinois. June 2018.

Heavy Construction Costs with RSMeans Data 2018. RSMeans Co. 2018.

AM-14 Financial Warranty

Activity	Unit	U. Cost $	Liability Percentage	Totals AM-14 FW
Direct Costs				
1.0) Roads, Railroads, Airstrips				**$2,879,261**
Reclamation Area				**$2,879,261**
Road Maintenance		$2,879,261	100%	$2,879,260.80
2.0) Drill Sites, Drill Pads, Exploration Trenches				
Reclamation Area				
3.0) Drill Hole Abandonment	EA			**$102,960**
Well Abandonment (unit ea.)	71.00	$1,450.14	100%	$102,960
4.0) Pits, Borrow Areas & Trenches -	CY			
	Acre			
4.1) Portals/Adits Underground Mines				**$100,514**
Chicago Tunnel	1	$100,514	100%	$100,514
5.0) Non-Process Ponds & Reservoirs	CY			**$567,843**
Reclamation Area	Acres			
EMP ponds (Backfill)	79,719.00	$2.63	100%	$209,795
Crusher fuel island fresh water pond (Backfill)	1,257.00	$2.80	100%	$3,516
Arequa external ponds (Backfill)	85,438.00	$2.63	100%	$225,032
EMP ponds (topsoil)	4,572.00	$2.56	100%	$11,720
Crusher fuel island fresh water pond (topsoil)	186.00	$6.30	100%	$1,172
Arequa external ponds (topsoil)	4,637.00	$2.53	100%	$11,720
EMP ponds (Seed)	5.70	$1,394.56	100%	$7,949
Crusher fuel island fresh water pond(Seed)	0.20	$2,193.51	100%	$439
Arequa external ponds (Seed)	5.70	$1,394.56	100%	$7,949
EMP ponds (Remove Liner)	1.00	$42,381.00	100%	$42,381
Crusher fuel island fresh water pond (Remove Liner)	1.00	$710.00	100%	$710
Arequa external ponds(Remove Liner)	1.00	$45,460.00	100%	$45,460
6.1) Water Treatment/Management Heap Leach Pads				**$74,653,118**
Treatment Volume				
VL1 Rinse	1.00	$61,394,174	85.20%	$52,309,670
VLF2 Rinse	1.00	$48,670,814	44.83%	$21,817,152
Drilling to perforate liner	1.00	$526,296	100%	$526,296
7.0) Heap Leach Pad Reclamation	CY			**$31,688,107**
Reclamation Area	Acre			
VLFs Tree planting	115.00	$1,146.97	64.55%	$85,139
Heaps-Earthwork/Recontouring (unit cy)	14,796,076.00	$0.29	64.55%	$2,789,413
Heaps-Topsoil	1,005,100.00	$2.69	64.55%	$1,743,307
Heaps- Generic Hauling	24,883,444.00	$1.61	64.55%	$25,805,773
Heaps-Revegetation/Stabilization (unit acres)	1,248.49	$1,569.08	64.55%	$1,264,474
8.0) Waste Rock Dump, Stockpile, Landfill Reclamation	CY			**$13,348,248**
Reclamation Area	Acre			
Ironclad Mine Area Regrade	51,824.00	$0.23	100%	$11,805
SGOSA Regrade	1,967,151.00	$0.47	100%	$928,867
North Cresson Regrade	3,402,023.00	$0.51		
ECOSA Regrade	5,891,686.00	$0.67	75.51%	$2,961,076
Main Cresson Regrade	2,767,168.00	$1.39	100%	$3,849,136
Chicago Tunnel area Regrade	3,228.00	$0.22	100%	$714
Ironclad Mine Area Topsoil	21,062.00	$2.11	100%	$44,505
SGOSA Topsoil	138,924.00	$2.02	100%	$280,471
North Cresson Topsoil	136,239.00	$2.42		
ECOSA Topsoil	705,801.00	$2.38	75.51%	$1,269,966
Main Cresson Topsoil	257,368.00	$2.38	100%	$611,390
Chicago Tunnel area Topsoil	3,227.00	$1.25	100%	$4,046
Ironclad Mine Area Revegetation	26.62	$1,615.93	100%	$43,016
SGOSA Revegetation	173.92	$1,625.83	100%	$282,764
North Cresson Revegetation	170.19	$1,632.25		
ECOSA Revegetation	877.86	$1,632.93	75.51%	$1,082,453
Main Cresson Revegetation	320.91	$1,642.95	100%	$527,244
Chicago Tunnel Area Revegetation	4.20	$1,597.38	100%	$6,709
Waste rock dump Trees	1,418.60	$1,146.97	85.98%	$1,398,969
WHEX Clay Borrow - Regrade (EMP-18)	1,870.00	$0.69	100.00%	$1,283
WHEX Clay Borrow Topsoil	10,382.00	$2.14	100.00%	$22,252
WHEX Clay Borrow Revegetation	12.87	$1,676.85	100.00%	$21,581

AM-14 Financial Warranty

9.0) Tailing Storage Facility Reclamation				
Reclamation Area				
10.0) Drainage/Diversion Channels				**$12,931,769**
Reclamation Area				
Construct Stormwater	1	$17,181,963.85	75.26%	$12,931,769
11.0) Facilities Demolition				**$14,591,012**
Foundations & Building Areas Earthworks/Recountouring	66,897.00	$4.08	100%	$273,030
Foundations & Building Areas Revegetation/Stabilization	12.40	$5,562	100%	$68,968
Foundations & Building Demolition (cubic feet)	18,556,242.00	$0.29	100%	$5,352,624
Yards, etc-Revegetation/Stabilization (acres)- Includes Ancillary Area Enhancement	1,549.80	$1,572.21	100%	$2,436,608
Other Demo -Mill Conveyor (feet) and Septic System (each)	1.00	$138,459.04	100%	$138,459
Tank Demolition (number of)	58.00	$7,603.64	100%	$441,011
Fence Removal (feet)	12,285.00	$3.84	100%	$47,176
Fence Installation (feet)	39,306.00	$49.44	100%	$1,943,289
Pipe Removal (feet)	44,904.00	$11.40	100%	$511,906
Powerline and Substation Removal (miles)	9.13	$39,731.00	100%	$362,744
Waste Disposal - Liquid (Gallons)	440,000.00	$6.42	100%	$2,824,899
Tire Disposal	50.00	$1,005.07	100%	$50,254
Yard Tree planting	122.10	$1,146.97	100%	$140,045
12.0) Facilities/Equipment Disposition and/or Salvage				
13.0) Inventory Disposition				
14.0) Post Closure Monitoring				**$2,035,325**
Closure Monitoring	1	$2,704,270	75.26%	$2,035,325
Total Direct Costs				**$152,898,157.13**
Indirect Costs				
15.0) Socio-Economic Costs				
16.0) Consultant Services				**$2,603,510**
Active Reclamation Construction Management	1.00	$3,459,188.00	75.26%	**$2,603,510**
17.0) Contractor's Overhead & Profit (if not included in direct costs)				**$47,403,778**
total effective rate of DRMS indirect costs 28.5% (Overhead and profit, administrative, insurance, performance bond, Engineering, Contingency)		$62,983,651.0	75.26%	$47,403,778
18.0) Owners Management (post closure)				**$1,558,927**
Environmental Personnel, Administrative Management and Consumables	1.00	$1,558,927	100.00%	$1,558,927
19.0) Mobilization and Demobilization (if not included in direct costs)				**$620,171**
Mob-Demob	1.0	$620,190.52	100.00%	$620,171
Subtotal-Incremental				**$205,084,543.09**
20.0) Contingency at 5% (calculated in item 17 O&P)				
Total-C&R-Incremental				**$205,084,543.09**

This worksheet should be used for calculations
and/or explanations related to the facility/closure category
required to back-up unit rates or calculations.

SEE SCRE MODEL CALCULATION

FOR FASB PERCENTAGE COMPLETE (from Engineering)

	Design	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
VLF 1	432,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716	368,519,716
% Complete		85%	85%	85%	85%	85%	85%	85%	85%	85%	85%	85%
VLF 2	453,000,000	148,430,153	175,850,023	203,061,529	228,425,380	251,531,197	273,527,033	300,527,032	324,510,769	346,613,635	356,601,253	368,243,779
% Complete		33%	39%	45%	50%	56%	60%	66%	72%	77%	79%	81%
Both VLF1&2	885,519,716	58%	61%	65%	67%	70%	73%	76%	78%	81%	82%	83%

This worksheet should be used for calculations
and/or explanations related to the facility/closure category
required to back-up unit rates or calculations.

SEE SCRE MODEL CALCULATION

FOR FASB CALCULATION (from Engineering)

	Design	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
ECOSA	267,838,478	185,013,958	197,809,880	202,250,373	206,020,434	217,825,952	232,745,062	246,926,272	257,315,025	263,926,484	267,838,478	267,838,478
% Complete		69%	74%	76%	77%	81%	87%	92%	96%	99%	100%	100%
SGOSA	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736	199,969,736
% Complete		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Schist Island Backfill				10,818,308	23,448,146	26,816,042	26,816,042	26,816,042	26,816,042	26,816,042	26,816,042	26,816,042
% Complete	.											
Main Cresson Backfill				1,300,674	1,300,674	6,607,929	12,587,287	15,106,077	15,494,627	18,744,121	39,871,472	47,054,173
% Complete												
Total Waste Dumps	467,808,214	82%	85%	86%	87%	89%	92%	96%	98%	99%	100%	100%

STANDARDIZED RECLAMATION COST ESTIMATOR

Version 2.0
Build - Beta 01l

COST DATA FILE INFORMATION

File Name:	SRCE_2.0_FW_AM14_ April 2024.xlsm
Cost Data File:	AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Data Date:	March 27, 2024
Cost Data Basis:	User Data
Data Cost Units:	Imperial
Author/Source:	2018, 2019, 2020, 2022 Nevada Division of Environmental Protection (NDEP) & NV BLM

PROJECT INFORMATION

Property/Mine Name:	CC&V
Property Code:	
Project Name:	AM-14 Financial Warranty Update
Date of Submittal:	April 2024
Average Elevation	9900 ft.
Units of Measure:	○ Metric (m, km, ha, etc.) ◉ Imperial (ft, mi, acres, etc.)
Currency Symbol:	Dollar (US)
Project Type:	Mine Operations Plan
Land Type:	Private Land
Cost Basis Category:	AM-14 CC&V - US
Cost Basis Description:	**Adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03**

Closure Cost Estimate
Acct Codes

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Cost type:	ARO

Budget Year:	2022	
First Year of Operation:	2009	
Closure Year 1:	2030	
Closure Period:	12	years
Post Closure Period:	14	years

ID Code Filter:	
FacilityType Filter:	
Phase Filter:	
Location Filter:	
Property Filter:	

Discount Rate:	
Discount Period:	MOP
Year of NPV:	

Engineering, Design and Construction Plan (%):	0.0%
Contingency (%):	0.0%
Contractor OH and Profit (CP)(%):	28.5%
Contract Administration (%):	0.0%

Show how many years in schedule (10 to 150):	100
Show how many operating years in schedule:	10

	Facility/Activity Type	Acct Code	Total Cost	ARO Cost	Scheduled ARO Cost
			$		$
1	Roads, Railroads, Airstrips	1	2,879,261	2,879,261	2,879,261
2	Drill sites, Drill Pads, Exploration Trenches	2	0	0	0
3	Drill Hole Abandonment	3	102,960	102,960	102,960
4	Open Pits, Borrow Areas, & Trenches	4	0	0	0
5	Portals / Adits Underground Mines	4.1	100,514	100,514	100,514
6	Non-Process Ponds & Reservoirs	5	567,843	567,843	567,843
7	Water Treatment-Leach Pad Drain Down	6.1	110,615,231	110,615,231	110,615,231
8	Water Treatment- Pit Lakes	6.2	0	0	0
9	Water Treatment-Waste Dump Seepage	6.3	0	0	0
10	Water Treatment-Tails Storage Under-drain	6.4	0	0	0
11	Heap Leach Pads Reclamation	7	48,965,510	48,965,510	48,965,510
12	Dumps , Stockpiles, Landfills	8	17,638,089	17,638,089	17,638,089
13	Tail Storage Facility (TSF)	9	0	0	0
14	Drainage / Diversion Channels	10	17,181,964	17,181,964	17,181,964
15	Facilities Demolition	11	14,623,286	14,601,321	14,601,321
16	Facility/Equipment Disposition and/or Salvaging	12	0	0	0
17	Inventory Disposition	13	0	0	0
18	Monitoring	14	2,704,270	2,704,270	2,704,270
19	Socio-Economic Activities	15	0	0	0
20	Consultants Services	16	3,459,188	3,459,188	3,459,188
21	Contractor's O'head. & Profit (if not included in direct costs)	17	0	0	0
22	Owner's Management (Post Closure)	18	1,558,927	1,558,927	1,558,927
23	Mobilization and Demobilization	19	620,191	620,191	620,191
		TOTALS	**221,017,233**	**220,995,268**	**220,995,268**

Engineering, Design and Construction Plan	**0**	**0**	**0**
Contingency	**0**	**0**	**0**
Contractor OH and Profit	**62,989,911**	**62,983,651**	**62,983,651**
Contract Administration	**0**	**0**	**0**
TOTAL COST	**284,007,144**	**283,978,919**	**283,978,919**

Closure Cost Estimate
Waste Rock Dumps

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - User Input

You must fill in ALL green cells in this section for each dump, lift or dump category

	Facility Description								Physical - MANDATORY								Cover 1				Cover 2				Growth Media			
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Ground Slope at Toe % Grade	Ungraded Slope _H:1V	Final Slope _H:1V	Final Top Slope % Grade	Lift (dump) Height ft	Mid-Bench Length ft	Average Long Dimension (ripping distance) ft	Final (Regraded) Footprint acres	Regrade Volume (1) (if calculated elsewhere) cy	Cover Thickness Slopes in	Cover Thickness Flat Areas in	Haul Distance to Placement Location (2) ft	Slope to Placement Location % grade	Cover Thickness Slopes in	Cover Thickness Flat Areas in	Haul Distance to Placement Location (2) ft	Slope to Placement Location % grade	Slope Growth Media Thickness in	Flat Area Growth Media Thickness in	Haul Distance to Placement Location ft	Slope to Placement Location % grade
1	Ironclad Mine Area - Pile Leveling - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			5,933												
2	Ironclad Mine Area - Pile Leveling - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			659												
3	Ironclad Mine Area - 40 ft Lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	5.0	1.0	40	0			21,753												
4	Ironclad Mine Area - 40 ft Lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	5.0	1.0	40	0			2,417												
5	Ironclad Mine Area - Topsoil		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	100	300	26.30	0									6.0	6.0	3,018	4.8
6	Ironclad Mine Area - Topsoil - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	100			21,062												
7	SGOSA Mine Area - Pile Leveling - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			2,088												
8	SGOSA Mine Area - Pile Leveling - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			232												
9	SGOSA Mine Area - 100 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100	0			89,714												
10	SGOSA Mine Area - 100 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100	0			9,968												
11	SGOSA Mine Area - 150 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	200	0			249,154												
12	SGOSA Mine Area - 150 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	200	0			27,684												
13	SGOSA Mine Area - 200 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	0			156,487												
14	SGOSA Mine Area - 200 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	0			17,387												
15	SGOSA Mine Area - 250 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	300	0			113,624												
16	SGOSA Mine Area - 250 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	300	0			12,625												
17	SGOSA Mine Area - 300 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	350	0			265,933												
18	SGOSA Mine Area - 300 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	350	0			29,548												
19	SGOSA Mine Area - Topsoil - Lift 1		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	100	1,000	245	5.76										6.0	6.0	6,897	-3.7
20	SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	100				18,610												
21	SGOSA Mine Area - Topsoil - Lift 2		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100	1,762	245	11.23										6.0	6.0	6,250	-0.5
22	SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				14,415												
23	SGOSA Mine Area - Topsoil - Lift 3		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100	2,659	245	19.16										6.0	6.0	3,125	8.6
24	SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				24,337												
25	SGOSA Mine Area - Topsoil - Lift 4		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100	6,781	245	53.98										6.0	6.0	2,000	8.5
26	SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				46,311												
27	SGOSA Mine Area - Topsoil - Lift 5		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100	5,218	245	57.65										6.0	6.0	750	9.3
28	SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				47,964												
29	North Cresson Mine Area - Pile Leveling - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			27,350												
30	North Cresson Mine Area - Pile Leveling - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			3,039												
31	North Cresson Mine Area - 200 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	0			1,202,605												
32	North Cresson Mine Area - 200 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	0			133,623												
33	North Cresson Mine Area - 250 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	350	0			369,453												
34	North Cresson Mine Area - 250 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	350	0			41,050												
35	North Cresson Mine Area - Topsoil		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	3,000	300	55.90										6.0	6.0	5,000	8.4
36	North Cresson Mine Area - Topsoil - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5				44,722												
37	North Cresson Mine Area - Topsoil - Lift 1		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	300	245	2.42										6.0	6.0	6,650	-3.9
38	North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250				3,759												
39	North Cresson Mine Area - Topsoil - Lift 2		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	1,110	245	6.93										6.0	6.0	6,650	-3.9
40	North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250				13,915												
41	North Cresson Mine Area - Topsoil - Lift 3		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	2,191	245	11.01										6.0	6.0	3,125	8.6
42	North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250				27,467												
43	North Cresson Mine Area - Topsoil - Lift 4		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	1,000	245	10.31										6.0	6.0	2,000	8.5
44	North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250				12,536												
45	North Cresson Mine Area - Topsoil - Lift 5		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250	50	245	1.42										6.0	6.0	750	9.3
46	North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250				1,436												
47	North Cresson Mine Area - Topsoil - Globe Hill HR		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	10.0	10.0	1.0	5	150	300	40.45										6.0	6.0	9,380	-2.0
48	North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	250				32,404												
49	ECOSA Mine Area - 50 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	50	0			181,413												
50	ECOSA Mine Area - 50 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	50	0			131,268												
51	ECOSA Mine Area - 150 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	0			1,123,165												
52	ECOSA Mine Area - 150 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	0			124,796												
53	ECOSA Mine Area - Topsoil - Lift 1		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	5,906	625	69.71	0									6.0	6.0	3,214	0.0
54	ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150				59,734												
55	ECOSA Mine Area - Topsoil - Lift 2		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	6,143	625	58.72	0									6.0	6.0	3,294	-5.2
56	ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150				51,030												
57	ECOSA Mine Area - Topsoil - Lift 3		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	6,655	635	62.82	0									6.0	6.0	3,698	-8.9
58	ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150				54,071												
59	ECOSA Mine Area - Topsoil - Lift 4		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	3,614	505	51.15	0									6.0	6.0	4,912	-9.2
60	ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150				43,302												
61	ECOSA Mine Area - Topsoil - Lift 5		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150	7,172	315	36.46	0									6.0	6.0	6,407	-9.6
62	ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0.0	1.4	2.5	1.0	150				53,926												

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

63	ECOSA Mine Area - Topsoil - Lift 6		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	1,500	300	24.92	0									6.0	6.0	9,080	-8.9
64	ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				20,957												
65	East Cresson Mine Area - Pile Leveling - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			473												
66	East Cresson Mine Area - Pile Leveling - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			53												
67	East Cresson Mine Area - 40 lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	40	0			12,777												
68	East Cresson Mine Area - 40 lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	40	0			1,420												
69	East Cresson Mine Area - 50 lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	50	0			763,991												
70	East Cresson Mine Area - 50 lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	50	0			84,888												
71	East Cresson Mine Area - 50 lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	4.5	1.0	50	0			672,099												
72	East Cresson Mine Area - 50 lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	4.5	1.0	50	0			74,678												
73	East Cresson Mine Area - 150 lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	0			231,066												
74	East Cresson Mine Area - 150 lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	0			25,674												
75	East Cresson Mine Area - 400 lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	400	0			1,582,312												
76	East Cresson Mine Area - 400 lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	400	0			175,812												
77	East Cresson Mine Area - Topsoil - Lift 2		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	824	675	12.44	0									6.0	6.0	3,294	-0.1
78	East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				10,228												
79	East Cresson Mine Area - Topsoil - Lift 3		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	282	515	10.86	0									6.0	6.0	3,698	-0.1
80	East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				8,575												
81	East Cresson Mine Area - Topsoil - Lift 4		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	6,264	545	57.93	0									6.0	6.0	4,912	-0.1
82	East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				50,320												
83	East Cresson Mine Area - Topsoil - Lift 5		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	7,172	655	106.97	0									6.0	6.0	6,407	-0.1
84	East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				90,226												
85	East Cresson Mine Area - Topsoil - Lift 6		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	1,500	300	110.79	0									6.0	6.0	9,080	-0.1
86	East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				90,330												
87	East Cresson Mine Area - Topsoil - WHEX		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	500	300	199.30	0									6.0	6.0	1,506	-8.6
88	East Cresson Mine Area - Topsoil - WHEX - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				161,059												
89	East Cresson Mine Area - Topsoil - Ironclad		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	100	300	14.57	0									6.0	6.0	3,128	4.6
90	East Cresson Mine Area - Topsoil - Ironclad - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				12,043												
91	Main Cresson Mine Area - Pile Leveling - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			116,523												
92	Main Cresson Mine Area - Pile Leveling - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	10.0	10.0	1.0	5	0			12,947												
93	Main Cresson Mine Area - 50 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	50	0			103,266												
94	Main Cresson Mine Area - 50 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	50	0			11,474												
95	Main Cresson Mine Area - 150 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	0			155,109												
96	Main Cresson Mine Area - 150 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	0			177,234												
97	Main Cresson Mine Area - 400 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	400	0			272,666												
98	Main Cresson Mine Area - 400 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	400	0			30,296												
99	Main Cresson Mine Area - 450 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	450	0			188,837												
100	Main Cresson Mine Area - 450 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	450	0			20,982												
101	Main Cresson Mine Area - 650 ft lift - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	0			1,238,482												
102	Main Cresson Mine Area - 650 ft lift - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	0			137,609												
103	Main Cresson Mine Area - Topsoil - 10185		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	500	400	81.52	0									6.0	6.0	2,595	1.8
104	Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650				67,115												
105	Main Cresson Mine Area - Topsoil - Ruby Road		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150	2,500	300	71.80	0									6.0	6.0	2,371	-6.3
106	Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	150				81,481												
107	Main Cresson Mine Area - Topsoil - AJAX		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	2.0	2.5	1.0	25	1,500	100	33.00	0									6.0	6.0	2,525	5.0
108	Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	2.0	2.5	1.0	25				48,892												
109	Main Cresson Mine Area - Topsoil - Pit Bottom		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	2	300	68.60	0									6.0	6.0	10,469	7.4
110	Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	10.0	10.0	1.0	10				55,725												
111	Main Cresson Mine Area - Topsoil - South Cresson HR		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	2	300	29.69	0									6.0	6.0	3,917	9.3
112	Main Cresson Mine Area - Topsoil - South Cresson HR - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.0	1.0	50				24,265												
113	Main Cresson Mine Area - Topsoil - Cresson HR		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	2	300	29.73	0									6.0	6.0	9,024	7.4
114	Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.0	1.0	50				24,265												
115	Chicago Mine Area		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.0	3.0	1.0	35	0	150		3,228												
116	Chicago Mine Area topsoil - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.0	3.0	1.0			150	4.00	0									6.0	6.0	500	-3.6
117	East Cresson Mine Area - Regrade (EMP-18)		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	33.0	1.0	3.0	1.0	25	100	200	0.80													
118	East Cresson Mine Area - Topsoil - WHEX Clay Borrow		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	3.0	3.0	3.0	120	100	200	12.86	0									6.0	6.0	4,000	-2.0
119	East Cresson Mine Area - Topsoil - WHEX Clay Borrow - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	3.0	3.0	3.0	120				10,377												

Notes:
1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. Input distance from crusher to placement location if material to be crushed and/or screened.
3. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivity Sheet)

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - User Input (Cont.)

Facility Description		Cover 1 - Crushing & Screening										Cover 2 - Crushing & Screening									
	Description (required)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope to Crusher % grade	Haul to Crusher Fleet (2) (select)	Compact Slopes After Placement? (select)	Compact Flat After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope to Crusher % grade	Haul to Crusher Fleet (2) (select)	Compact Slopes After Placement? (select)	Compact Flat After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)
1	Ironclad Mine Area - Pile Leveling - Mass Grading																				
2	Ironclad Mine Area - Pile Leveling - Fine Grading																				
3	Ironclad Mine Area - 40 ft Lift - Mass Grading																				
4	Ironclad Mine Area - 40 ft Lift - Fine Grading																				
5	Ironclad Mine Area - Topsoil																				
6	Ironclad Mine Area - Topsoil - Dozer Spreading																				
7	SGOSA Mine Area - Pile Leveling - Mass Grading																				
8	SGOSA Mine Area - Pile Leveling - Fine Grading																				
9	SGOSA Mine Area - 100 ft lift - Mass Grading																				
10	SGOSA Mine Area - 100 ft lift - Fine Grading																				
11	SGOSA Mine Area - 150 ft lift - Mass Grading																				
12	SGOSA Mine Area - 150 ft lift - Fine Grading																				
13	SGOSA Mine Area - 200 ft lift - Mass Grading																				
14	SGOSA Mine Area - 200 ft lift - Fine Grading																				
15	SGOSA Mine Area - 250 ft lift - Mass Grading																				
16	SGOSA Mine Area - 250 ft lift - Fine Grading																				
17	SGOSA Mine Area - 300 ft lift - Mass Grading																				
18	SGOSA Mine Area - 300 ft lift - Fine Grading																				
19	SGOSA Mine Area - Topsoil - Lift 1																				
20	SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading																				
21	SGOSA Mine Area - Topsoil - Lift 2																				
22	SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading																				
23	SGOSA Mine Area - Topsoil - Lift 3																				
24	SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading																				
25	SGOSA Mine Area - Topsoil - Lift 4																				
26	SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading																				
27	SGOSA Mine Area - Topsoil - Lift 5																				
28	SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading																				
29	North Cresson Mine Area - Pile Leveling - Mass Grading																				
30	North Cresson Mine Area - Pile Leveling - Fine Grading																				
31	North Cresson Mine Area - 200 ft lift - Mass Grading																				
32	North Cresson Mine Area - 200 ft lift - Fine Grading																				
33	North Cresson Mine Area - 250 ft lift - Mass Grading																				
34	North Cresson Mine Area - 250 ft lift - Fine Grading																				
35	North Cresson Mine Area - Topsoil																				
36	North Cresson Mine Area - Topsoil - Dozer Spreading																				
37	North Cresson Mine Area - Topsoil - Lift 1																				
38	North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreading																				
39	North Cresson Mine Area - Topsoil - Lift 2																				
40	North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading																				
41	North Cresson Mine Area - Topsoil - Lift 3																				
42	North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading																				
43	North Cresson Mine Area - Topsoil - Lift 4																				
44	North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading																				
45	North Cresson Mine Area - Topsoil - Lift 5																				
46	North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading																				
47	North Cresson Mine Area - Topsoil - Globe Hill HR																				
48	North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer Spreading																				
49	ECOSA Mine Area - 50 ft lift - Mass Grading																				
50	ECOSA Mine Area - 50 ft lift - Fine Grading																				
51	ECOSA Mine Area - 150 ft lift - Mass Grading																				
52	ECOSA Mine Area - 150 ft lift - Fine Grading																				
53	ECOSA Mine Area - Topsoil - Lift 1																				
54	ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading																				
55	ECOSA Mine Area - Topsoil - Lift 2																				
56	ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading																				
57	ECOSA Mine Area - Topsoil - Lift 3																				
58	ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading																				
59	ECOSA Mine Area - Topsoil - Lift 4																				
60	ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading																				
61	ECOSA Mine Area - Topsoil - Lift 5																				

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**																				
63	**ECOSA Mine Area - Topsoil - Lift 6**																				
64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**																				
65	**East Cresson Mine Area - Pile Leveling - Mass Grading**																				
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**																				
67	**East Cresson Mine Area - 40 lift - Mass Grading**																				
68	**East Cresson Mine Area - 40 lift - Fine Grading**																				
69	**East Cresson Mine Area - 50 lift - Mass Grading**																				
70	**East Cresson Mine Area - 50 lift - Fine Grading**																				
71	**East Cresson Mine Area - 50 lift - Mass Grading**																				
72	**East Cresson Mine Area - 50 lift - Fine Grading**																				
73	**East Cresson Mine Area - 150 lift - Mass Grading**																				
74	**East Cresson Mine Area - 150 lift - Fine Grading**																				
75	**East Cresson Mine Area - 400 lift - Mass Grading**																				
76	**East Cresson Mine Area - 400 lift - Fine Grading**																				
77	**East Cresson Mine Area - Topsoil - Lift 2**																				
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**																				
79	**East Cresson Mine Area - Topsoil - Lift 3**																				
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**																				
81	**East Cresson Mine Area - Topsoil - Lift 4**																				
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**																				
83	**East Cresson Mine Area - Topsoil - Lift 5**																				
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**																				
85	**East Cresson Mine Area - Topsoil - Lift 6**																				
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading**																				
87	**East Cresson Mine Area - Topsoil - WHEX**																				
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreading**																				
89	**East Cresson Mine Area - Topsoil - Ironclad**																				
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Spreading**																				
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**																				
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**																				
93	**Main Cresson Mine Area - 50 ft lift - Mass Grading**																				
94	**Main Cresson Mine Area - 50 ft lift - Fine Grading**																				
95	**Main Cresson Mine Area - 150 ft lift - Mass Grading**																				
96	**Main Cresson Mine Area - 150 ft lift - Fine Grading**																				
97	**Main Cresson Mine Area - 400 ft lift - Mass Grading**																				
98	**Main Cresson Mine Area - 400 ft lift - Fine Grading**																				
99	**Main Cresson Mine Area - 450 ft lift - Mass Grading**																				
100	**Main Cresson Mine Area - 450 ft lift - Fine Grading**																				
101	**Main Cresson Mine Area - 650 ft lift - Mass Grading**																				
102	**Main Cresson Mine Area - 650 ft lift - Fine Grading**																				
103	**Main Cresson Mine Area - Topsoil - 10185**																				
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreading**																				
105	**Main Cresson Mine Area - Topsoil - Ruby Road**																				
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Spreading**																				
107	**Main Cresson Mine Area - Topsoil - AJAX**																				
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreading**																				
109	**Main Cresson Mine Area - Topsoil - Pit Bottom**																				
110	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spreading**																				
111	**Main Cresson Mine Area - Topsoil - South Cresson HR**																				
112	**Main Cresson Mine Area - Topsoil - South Cresson HR - Dozer Spreading**																				
113	**Main Cresson Mine Area - Topsoil - Cresson HR**																				
114	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Spreading**																				
115	**Chicago Mine Area**																				
116	**Chicago Mine Area topsoil - Dozer Spreading**																				
117	**East Cresson Mine Area - Regrade (EMP-18)**																				
118	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow**																				
119	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow - Dozer Spreading**																				

Notes:
1. Input distance to crusher if material to be crushed
2. if distance from borrow <820 ft (250 m) must select loader fleet

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - User Input (Cont.)

You must fill in ALL green cells and relevant blue cells in this section for each dump, lift or dump category

		Grading				Cover 1				Cover 2				Growth Media				Revegetation								
	Description (required)	Dozing Material Condition (select)	Material Type (select)	Grading Equipment Fleet (select)	Slot/Side-by-Side (select)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Seed Mix Slopes (select)	Seed Mix Flat Areas (select)	Mulch Slopes (select)	Mulch Flat Areas (select)	Fertilizer Slopes (select)	Fertilizer Flat Areas (select)	Slope Scarify/ Rip? (select)	Flat Area Scarify/ Rip? (select)	Scarify/ Ripping Fleet (select)
1	Ironclad Mine Area - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																					
2	Ironclad Mine Area - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																					
3	Ironclad Mine Area - 40 ft Lift - Mass Grading	1	Granite - broken	Large	Yes																					
4	Ironclad Mine Area - 40 ft Lift - Fine Grading	1	Granite - broken	Small	No																					
5	Ironclad Mine Area - Topsoil													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
6	Ironclad Mine Area - Topsoil - Dozer Spreading	1.2	Topsoil	Small	No																					
7	SGOSA Mine Area - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																					
8	SGOSA Mine Area - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																					
9	SGOSA Mine Area - 100 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
10	SGOSA Mine Area - 100 ft lift - Fine Grading	1	Granite - broken	Small	No																					
11	SGOSA Mine Area - 150 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
12	SGOSA Mine Area - 150 ft lift - Fine Grading	1	Granite - broken	Small	No																					
13	SGOSA Mine Area - 200 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
14	SGOSA Mine Area - 200 ft lift - Fine Grading	1	Granite - broken	Small	No																					
15	SGOSA Mine Area - 250 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
16	SGOSA Mine Area - 250 ft lift - Fine Grading	1	Granite - broken	Small	No																					
17	SGOSA Mine Area - 300 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
18	SGOSA Mine Area - 300 ft lift - Fine Grading	1	Granite - broken	Small	No																					
19	SGOSA Mine Area - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
20	SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading	1.2	Topsoil	Small	No																					
21	SGOSA Mine Area - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
22	SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
23	SGOSA Mine Area - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
24	SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
25	SGOSA Mine Area - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
26	SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
27	SGOSA Mine Area - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
28	SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
29	North Cresson Mine Area - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																					
30	North Cresson Mine Area - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																					
31	North Cresson Mine Area - 200 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
32	North Cresson Mine Area - 200 ft lift - Fine Grading	1	Granite - broken	Small	No																					
33	North Cresson Mine Area - 250 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
34	North Cresson Mine Area - 250 ft lift - Fine Grading	1	Granite - broken	Small	No																					
35	North Cresson Mine Area - Topsoil													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
36	North Cresson Mine Area - Topsoil - Dozer Spreading	1.2	Topsoil	Small	No																					
37	North Cresson Mine Area - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
38	North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreadin	1.2	Topsoil	Small	No																					
39	North Cresson Mine Area - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
40	North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadi	1.2	Topsoil	Small	No																					
41	North Cresson Mine Area - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
42	North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadi	1.2	Topsoil	Small	No																					
43	North Cresson Mine Area - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
44	North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadi	1.2	Topsoil	Small	No																					
45	North Cresson Mine Area - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
46	North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadi	1.2	Topsoil	Small	No																					
47	North Cresson Mine Area - Topsoil - Globe Hill HR													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
48	North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer	1.2	Topsoil	Small	No																					
49	ECOSA Mine Area - 50 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
50	ECOSA Mine Area - 50 ft lift - Fine Grading	1	Granite - broken	Small	No																					
51	ECOSA Mine Area - 150 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
52	ECOSA Mine Area - 150 ft lift - Fine Grading	1	Granite - broken	Small	No																					
53	ECOSA Mine Area - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
54	ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading	1.2	Topsoil	Small	No																					
55	ECOSA Mine Area - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
56	ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
57	ECOSA Mine Area - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
58	ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
59	ECOSA Mine Area - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
60	ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
61	ECOSA Mine Area - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
62	ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
63	ECOSA Mine Area - Topsoil - Lift 6													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
64	ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading	1.2	Topsoil	Small	No																					
65	East Cresson Mine Area - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																					
66	East Cresson Mine Area - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																					
67	East Cresson Mine Area - 40 ift - Mass Grading	1	Granite - broken	Large	Yes																					
68	East Cresson Mine Area - 40 ift - Fine Grading	1	Granite - broken	Small	No																					

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
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Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

69	East Cresson Mine Area - 50 lift - Mass Grading	1	Granite - broken	Large	Yes																					
70	East Cresson Mine Area - 50 lift - Fine Grading	1	Granite - broken	Small	No																					
71	East Cresson Mine Area - 50 lift - Mass Grading	1	Granite - broken	Large	Yes																					
72	East Cresson Mine Area - 50 lift - Fine Grading	1	Granite - broken	Small	No																					
73	East Cresson Mine Area - 150 lift - Mass Grading	1	Granite - broken	Large	Yes																					
74	East Cresson Mine Area - 150 lift - Fine Grading	1	Granite - broken	Small	No																					
75	East Cresson Mine Area - 400 lift - Mass Grading	1	Granite - broken	Large	Yes																					
76	East Cresson Mine Area - 400 lift - Fine Grading	1	Granite - broken	Small	No																					
77	East Cresson Mine Area - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
78	East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
79	East Cresson Mine Area - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
80	East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
81	East Cresson Mine Area - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
82	East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
83	East Cresson Mine Area - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
84	East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
85	East Cresson Mine Area - Topsoil - Lift 6													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
86	East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading	1.2	Topsoil	Small	No																					
87	East Cresson Mine Area - Topsoil - WHEX													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
88	East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadi	1.2	Topsoil	Small	No																					
89	East Cresson Mine Area - Topsoil - Ironclad													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
90	East Cresson Mine Area - Topsoil - Ironclad - Dozer Sprea	1.2	Topsoil	Small	No																					
91	Main Cresson Mine Area - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																					
92	Main Cresson Mine Area - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																					
93	Main Cresson Mine Area - 50 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
94	Main Cresson Mine Area - 50 ft lift - Fine Grading	1	Granite - broken	Small	No																					
95	Main Cresson Mine Area - 150 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
96	Main Cresson Mine Area - 150 ft lift - Fine Grading	1	Granite - broken	Small	No																					
97	Main Cresson Mine Area - 400 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
98	Main Cresson Mine Area - 400 ft lift - Fine Grading	1	Granite - broken	Small	No																					
99	Main Cresson Mine Area - 450 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
100	Main Cresson Mine Area - 450 ft lift - Fine Grading	1	Granite - broken	Small	No																					
101	Main Cresson Mine Area - 650 ft lift - Mass Grading	1	Granite - broken	Large	Yes																					
102	Main Cresson Mine Area - 650 ft lift - Fine Grading	1	Granite - broken	Small	No																					
103	Main Cresson Mine Area - Topsoil - 10185													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
104	Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadi	1.2	Topsoil	Small	No																					
105	Main Cresson Mine Area - Topsoil - Ruby Road													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
106	Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Sp	1.2	Topsoil	Small	No																					
107	Main Cresson Mine Area - Topsoil - AJAX													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
108	Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreadir	1.2	Topsoil	Small	No																					
109	Main Cresson Mine Area - Topsoil - Pit Bottom													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
110	Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spr	1.2	Topsoil	Small	No																					
111	Main Cresson Mine Area - Topsoil - South Cresson HR													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
112	Main Cresson Mine Area - Topsoil - South Cresson HR - D	1.2	Topsoil	Small	No																					
113	Main Cresson Mine Area - Topsoil - Cresson HR													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
114	Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp	1.2	Topsoil	Small	No																					
115	Chicago Mine Area	1	Granite - broken	Small	No																					
116	Chicago Mine Area topsoil - Dozer Spreading													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
117	East Cresson Mine Area - Regrade (EMP-18)	1	Clay - Dry	Large	No																					
118	East Cresson Mine Area - Topsoil - WHEX Clay Borrow													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
119	East Cresson Mine Area - Topsoil - WHEX Clay Borrow - D	1.2	Topsoil	Small	No																					

Notes:
1. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - Assumptions & Calculations

Regrading Push Distance Calculation

dozing distance:
based on 2/3 final cut slope + 2/3 final fill slope (minimum = 50 ft)

Ripping/Scarifying Calculations

Minimum 1 hr ripping/scarifying time per dump

Slopes:
Number of passes = Final slope length ÷ Grader width
Travel distance = Number of passes x Mid-bench length
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)
Minimum 1 hr

Flat Areas:
Flat area width = Final flat area ÷ Average long dimensions
Number of passes = Flat area width ÷ Grader width
Travel distance = Number of passes x Average long dimensions
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)

Revegetation:
Minimum 1 acre revegetation crew time per area

Waste Rock Dumps - Regrading Costs

Productivity = Dozer Productivity x Grade Correction x Density Correction x Operator (0.75) x Material x Visibility x Job Efficiency (0.83) x (Slot/Side-by-Side) x (Altitude Deration)

	Description (required)	Regrading Volume cy	Dozing Distance (see above) ft	Regrading Fleet	Uncorrected Dozer Productivity cy/hr	Grade Correction	Dozing Material	Density Correction	Side-by-Side or Slot Dozing	Total Hourly Productivity cy/hr	Total Dozer Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Regrading Cost $
1	**Ironclad Mine Area - Pile Leveling - Mass Grading**	5,933	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	5	365	1,774	2,139
2	**Ironclad Mine Area - Pile Leveling - Fine Grading**	659	50	D7E	1017	1.2	0.6	0.82	1.0	370	2	146	211	357
3	**Ironclad Mine Area - 40 ft Lift - Mass Grading**	21,753	91	D10T2	1659	1.6	1.0	0.82	1.2	1626	13	948	4,613	5,561
4	**Ironclad Mine Area - 40 ft Lift - Fine Grading**	2,417	91	D7E	617	1.6	1.0	0.82	1.0	499	5	365	528	893
5	**Ironclad Mine Area - Topsoil**	0									0	0	0	0
6	**Ironclad Mine Area - Topsoil - Dozer Spreading**	21,062	50	D7E	1017	1.2	1.2	1.44	1.0	1300	16	1,166	1,689	2,855
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**	2,088	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	2	146	710	856
8	**SGOSA Mine Area - Pile Leveling - Fine Grading**	232	50	D7E	1017	1.2	0.6	0.82	1.0	370	1	73	106	179
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**	89,714	147	D10T2	1107	1.6	1.0	0.82	1.2	1085	83	6,051	29,449	35,500
10	**SGOSA Mine Area - 100 ft lift - Fine Grading**	9,968	147	D7E	414	1.6	1.0	0.82	1.0	335	30	2,187	3,167	5,354
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**	249,154	293	D10T2	618	1.6	1.0	0.82	1.2	606	411	29,962	145,827	175,789
12	**SGOSA Mine Area - 150 ft lift - Fine Grading**	27,684	293	D7E	233	1.6	1.0	0.82	1.0	188	147	10,716	15,517	26,233
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**	156,487	367	D10T2	511	1.6	1.0	0.82	1.2	501	312	22,745	110,701	133,446
14	**SGOSA Mine Area - 200 ft lift - Fine Grading**	17,387	367	D7E	193	1.6	1.0	0.82	1.0	156	111	8,092	11,717	19,809
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**	113,624	440	D10T2	439	1.6	1.0	0.82	1.2	430	264	19,246	93,670	112,916
16	**SGOSA Mine Area - 250 ft lift - Fine Grading**	12,625	440	D7E	166	1.6	1.0	0.82	1.0	134	94	6,853	9,923	16,776
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**	265,933	513	D10T2	385	1.6	1.0	0.82	1.2	377	705	51,395	250,141	301,536
18	**SGOSA Mine Area - 300 ft lift - Fine Grading**	29,548	513	D7E	146	1.6	1.0	0.82	1.0	118	250	18,225	26,390	44,615
19	**SGOSA Mine Area - Topsoil - Lift 1**										0	0	0	0
20	**SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	18,610	670	D7E	117	1.2	1.2	1.44	1.0	150	124	9,040	13,089	22,129
21	**SGOSA Mine Area - Topsoil - Lift 2**	90,254	147	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
22	**SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	14,415	147	D7E	414	1.6	1.2	1.44	1.0	705	20	1,458	2,111	3,569
23	**SGOSA Mine Area - Topsoil - Lift 3**	136,200	147	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
24	**SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	24,337	147	D7E	414	1.6	1.2	1.44	1.0	705	35	2,552	3,695	6,247
25	**SGOSA Mine Area - Topsoil - Lift 4**	347,338	147	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
26	**SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	46,311	147	D7E	414	1.6	1.2	1.44	1.0	705	66	4,811	6,967	11,778
27	**SGOSA Mine Area - Topsoil - Lift 5**	267,278	147	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
28	**SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	47,964	147	D7E	414	1.6	1.2	1.44	1.0	705	68	4,957	7,178	12,135
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**	27,350	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	23	1,677	8,161	9,838
30	**North Cresson Mine Area - Pile Leveling - Fine Grading**	3,039	50	D7E	1017	1.2	0.6	0.82	1.0	370	8	583	844	1,427
31	**North Cresson Mine Area - 200 ft lift - Mass Grading**	1,202,605	367	D10T2	511	1.6	1.0	0.82	1.2	501	2,400	174,960	851,544	1,026,504
32	**North Cresson Mine Area - 200 ft lift - Fine Grading**	133,623	367	D7E	193	1.6	1.0	0.82	1.0	156	857	62,475	90,465	152,940
33	**North Cresson Mine Area - 250 ft lift - Mass Grading**	369,453	513	D10T2	385	1.6	1.0	0.82	1.2	377	980	71,442	347,714	419,156
34	**North Cresson Mine Area - 250 ft lift - Fine Grading**	41,050	513	D7E	146	1.6	1.0	0.82	1.0	118	348	25,369	36,735	62,104
35	**North Cresson Mine Area - Topsoil**										0	0	0	0
36	**North Cresson Mine Area - Topsoil - Dozer Spreading**	44,722	50	D7E	1017	1.2	1.2	1.44	1.0	1300	34	2,479	3,589	6,068
37	**North Cresson Mine Area - Topsoil - Lift 1**	96,022	367	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreadir**	3,759	367	D7E	193	1.6	1.2	1.44	1.0	329	11	802	1,161	1,963
39	**North Cresson Mine Area - Topsoil - Lift 2**	355,282	367	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadi**	13,915	367	D7E	193	1.6	1.2	1.44	1.0	329	42	3,062	4,434	7,496
41	**North Cresson Mine Area - Topsoil - Lift 3**	701,282	367	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadi**	27,467	367	D7E	193	1.6	1.2	1.44	1.0	329	83	6,051	8,761	14,812

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

43	**North Cresson Mine Area - Topsoil - Lift 4**	320,074	367	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
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Waste Rock Dumps - ARO Cost Summary				
	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadi**	12,536	367	D7E	193	1.6	1.2	1.44	1.0	329	38	2,770	4,011	6,781
45	**North Cresson Mine Area - Topsoil - Lift 5**	16,004	367	**Select Fleet**	**Select Fleet**	1.6	**Select Material**	**Select Material**	1.0	**Select Fleet**	0	0	0	0
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadi**	1,436	367	D7E	193	1.6	1.2	1.44	1.0	329	4	292	422	714
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	0									0	0	0	0
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer**	32,404	367	D7E	193	1.6	1.2	1.44	1.0	329	98	7,144	10,345	17,489
49	**ECOSA Mine Area - 50 ft lift - Mass Grading**	181,413	73	D10T2	1998	1.6	1.0	0.82	1.2	1958	93	6,780	32,997	39,777
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**	131,268	73	D7E	742	1.6	1.0	0.82	1.0	600	219	15,965	23,118	39,083
51	**ECOSA Mine Area - 150 ft lift - Mass Grading**	1,123,165	220	D10T2	787	1.6	1.0	0.82	1.2	771	1,457	106,215	516,958	623,173
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**	124,796	220	D7E	296	1.6	1.0	0.82	1.0	239	522	38,054	55,102	93,156
53	**ECOSA Mine Area - Topsoil - Lift 1**	0									0	0	0	0
54	**ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	59,734	220	D7E	296	1.6	1.2	1.44	1.0	504	119	8,675	12,562	21,237
55	**ECOSA Mine Area - Topsoil - Lift 2**	0									0	0	0	0
56	**ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	51,030	220	D7E	296	1.6	1.2	1.44	1.0	504	101	7,363	10,662	18,025
57	**ECOSA Mine Area - Topsoil - Lift 3**	0									0	0	0	0
58	**ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	54,071	220	D7E	296	1.6	1.2	1.44	1.0	504	107	7,800	11,295	19,095
59	**ECOSA Mine Area - Topsoil - Lift 4**	0									0	0	0	0
60	**ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	43,302	220	D7E	296	1.6	1.2	1.44	1.0	504	86	6,269	9,078	15,347
61	**ECOSA Mine Area - Topsoil - Lift 5**	0									0	0	0	0
62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	53,926	220	D7E	296	1.6	1.2	1.44	1.0	504	107	7,800	11,295	19,095
63	**ECOSA Mine Area - Topsoil - Lift 6**	0									0	0	0	0
64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**	20,957	220	D7E	296	1.6	1.2	1.44	1.0	504	42	3,062	4,434	7,496
65	**East Cresson Mine Area - Pile Leveling - Mass Grading**	473	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	1	73	355	428
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**	53	50	D7E	1017	1.2	0.6	0.82	1.0	370	1	73	106	179
67	**East Cresson Mine Area - 40 lift - Mass Grading**	12,777	59	D10T2	2391	1.6	1.0	0.82	1.2	2343	5	365	1,774	2,139
68	**East Cresson Mine Area - 40 lift - Fine Grading**	1,420	59	D7E	886	1.6	1.0	0.82	1.0	716	2	146	211	357
69	**East Cresson Mine Area - 50 lift - Mass Grading**	763,991	73	D10T2	1998	1.6	1.0	0.82	1.2	1958	390	28,431	138,376	166,807
70	**East Cresson Mine Area - 50 lift - Fine Grading**	84,888	73	D7E	742	1.6	1.0	0.82	1.0	600	141	10,279	14,884	25,163
71	**East Cresson Mine Area - 50 lift - Mass Grading**	672,099	105	D10T2	1470	1.6	1.0	0.82	1.2	1441	466	33,971	165,341	199,312
72	**East Cresson Mine Area - 50 lift - Fine Grading**	74,678	105	D7E	548	1.6	1.0	0.82	1.0	443	169	12,320	17,840	30,160
73	**East Cresson Mine Area - 150 lift - Mass Grading**	231,056	220	D10T2	787	1.6	1.0	0.82	1.2	771	300	21,870	106,443	128,313
74	**East Cresson Mine Area - 150 lift - Fine Grading**	25,674	220	D7E	296	1.6	1.0	0.82	1.0	239	107	7,800	11,295	19,095
75	**East Cresson Mine Area - 400 lift - Mass Grading**	1,582,312	586	D10T2	344	1.6	1.0	0.82	1.2	337	4,695	342,266	1,665,833	2,008,099
76	**East Cresson Mine Area - 400 lift - Fine Grading**	175,812	586	D7E	131	1.6	1.0	0.82	1.0	106	1,659	120,941	175,124	296,065
77	**East Cresson Mine Area - Topsoil - Lift 2**	0									0	0	0	0
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadin**	10,228	220	D7E	296	1.6	1.2	1.44	1.0	504	20	1,458	2,111	3,569
79	**East Cresson Mine Area - Topsoil - Lift 3**	0									0	0	0	0
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadin**	8,575	220	D7E	296	1.6	1.2	1.44	1.0	504	17	1,239	1,795	3,034
81	**East Cresson Mine Area - Topsoil - Lift 4**	0									0	0	0	0
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadin**	50,320	220	D7E	296	1.6	1.2	1.44	1.0	504	100	7,290	10,556	17,846
83	**East Cresson Mine Area - Topsoil - Lift 5**	0									0	0	0	0
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadin**	90,226	220	D7E	296	1.6	1.2	1.44	1.0	504	179	13,049	18,895	31,944
85	**East Cresson Mine Area - Topsoil - Lift 6**	0									0	0	0	0
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreadin**	90,330	220	D7E	296	1.6	1.2	1.44	1.0	504	179	13,049	18,895	31,944
87	**East Cresson Mine Area - Topsoil - WHEX**	0									0	0	0	0
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadi**	161,059	220	D7E	296	1.6	1.2	1.44	1.0	504	320	23,328	33,779	57,107
89	**East Cresson Mine Area - Topsoil - Ironclad**	0									0	0	0	0
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Sprea**	12,043	220	D7E	296	1.6	1.2	1.44	1.0	504	24	1,750	2,533	4,283
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**	116,523	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	96	6,998	34,062	41,060
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**	12,947	50	D7E	1017	1.2	0.6	0.82	1.0	370	35	2,552	3,695	6,247
93	**Main Cresson Mine Area - 50 ft lift - Mass Grading**	103,266	73	D10T2	1998	1.6	1.0	0.82	1.2	1958	53	3,864	18,805	22,669
94	**Main Cresson Mine Area - 50 ft lift - Fine Grading**	11,474	73	D7E	742	1.6	1.0	0.82	1.0	600	19	1,385	2,006	3,391
95	**Main Cresson Mine Area - 150 ft lift - Mass Grading**	155,109	220	D10T2	787	1.6	1.0	0.82	1.2	771	201	14,653	71,317	85,970
96	**Main Cresson Mine Area - 150 ft lift - Fine Grading**	177,234	220	D7E	296	1.6	1.0	0.82	1.0	239	742	54,092	78,326	132,418
97	**Main Cresson Mine Area - 400 ft lift - Mass Grading**	272,666	586	D10T2	344	1.6	1.0	0.82	1.2	337	809	58,976	287,041	346,017
98	**Main Cresson Mine Area - 400 ft lift - Fine Grading**	30,296	586	D7E	131	1.6	1.0	0.82	1.0	106	286	20,849	30,190	51,039
99	**Main Cresson Mine Area - 450 ft lift - Mass Grading**	188,837	660	D10T2	312	1.6	1.0	0.82	1.2	306	617	44,979	218,918	263,897
100	**Main Cresson Mine Area - 450 ft lift - Fine Grading**	20,982	660	D7E	119	1.6	1.0	0.82	1.0	96	219	15,965	23,118	39,083
101	**Main Cresson Mine Area - 650 ft lift - Mass Grading**	1,238,482	953	D10T2	228	1.6	1.0	0.82	1.2	223	5,554	404,887	1,970,615	2,375,502
102	**Main Cresson Mine Area - 650 ft lift - Fine Grading**	137,609	953	D7E	87	1.6	1.0	0.82	1.0	70	1,966	143,321	207,531	350,852
103	**Main Cresson Mine Area - Topsoil - 10185**	0									0	0	0	0
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadi**	67,115	953	D7E	87	1.6	1.2	1.44	1.0	148	453	33,024	47,819	80,843
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	0									0	0	0	0
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Sp**	81,481	220	D7E	296	1.6	1.2	1.44	1.0	504	162	11,810	17,101	28,911
107	**Main Cresson Mine Area - Topsoil - AJAX**	0									0	0	0	0
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreadir**	48,892	50	D7E	1017	1.6	1.2	1.44	1.0	1733	28	2,041	2,956	4,997
109	**Main Cresson Mine Area - Topsoil - Pit Bottom**	0									0	0	0	0
110	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spr**	55,725	67	D7E	797	1.2	1.2	1.44	1.0	1018	55	4,010	5,806	9,816
111	**Main Cresson Mine Area - Topsoil - South Cresson HR**	0									0	0	0	0
112	**Main Cresson Mine Area - Topsoil - South Cresson HR - D**	24,265	66	D7E	807	1.6	1.2	1.44	1.0	1375	18	1,312	1,900	3,212
113	**Main Cresson Mine Area - Topsoil - Cresson HR**	0									0	0	0	0
114	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**	24,265	66	D7E	807	1.6	1.2	1.44	1.0	1375	18	1,312	1,900	3,212
115	**Chicago Mine Area**	3,228	53	D7E	969	1.6	1.0	0.82	1.0	783	4	292	422	714
116	**Chicago Mine Area topsoil - Dozer Spreading**	0									0	0	0	0
117	**East Cresson Mine Area - Regrade (EMP-18)**	1,870	229	D10T2	761	1.6	1.0	0.92	1.0	697	3	219	1,064	1,283
118	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow**	0									0	0	0	0
119	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow - D**	10,377	253	D7E	263	1.6	1.2	1.44	1.0	448	23	1,677	2,428	4,105
		14,095,327									30,679	**2,236,504**	**8,208,026**	**10,444,530**

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - Cover 1 Costs

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**Ironclad Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**Ironclad Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**Ironclad Mine Area - 40 ft Lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
4	**Ironclad Mine Area - 40 ft Lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
5	**Ironclad Mine Area - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
6	**Ironclad Mine Area - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
8	**SGOSA Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
10	**SGOSA Mine Area - 100 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
12	**SGOSA Mine Area - 150 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
14	**SGOSA Mine Area - 200 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
16	**SGOSA Mine Area - 250 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
18	**SGOSA Mine Area - 300 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
19	**SGOSA Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
20	**SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
21	**SGOSA Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
22	**SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
23	**SGOSA Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
24	**SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
25	**SGOSA Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
26	**SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
27	**SGOSA Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
28	**SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
30	**North Cresson Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
31	**North Cresson Mine Area - 200 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
32	**North Cresson Mine Area - 200 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
33	**North Cresson Mine Area - 250 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
34	**North Cresson Mine Area - 250 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
35	**North Cresson Mine Area - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
36	**North Cresson Mine Area - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
37	**North Cresson Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreadin**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
39	**North Cresson Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
41	**North Cresson Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
43	**North Cresson Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
45	**North Cresson Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
49	**ECOSA Mine Area - 50 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
51	**ECOSA Mine Area - 150 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
53	**ECOSA Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
54	**ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
55	**ECOSA Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
56	**ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
57	**ECOSA Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
58	**ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
59	**ECOSA Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
60	**ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
61	**ECOSA Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
63	**ECOSA Mine Area - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
65	**East Cresson Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
67	**East Cresson Mine Area - 40 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
68	**East Cresson Mine Area - 40 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
69	**East Cresson Mine Area - 50 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
70	**East Cresson Mine Area - 50 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
71	**East Cresson Mine Area - 50 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
72	**East Cresson Mine Area - 50 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
73	**East Cresson Mine Area - 150 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
74	**East Cresson Mine Area - 150 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
75	**East Cresson Mine Area - 400 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
76	**East Cresson Mine Area - 400 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
77	**East Cresson Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
79	**East Cresson Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
81	**East Cresson Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
83	**East Cresson Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
85	**East Cresson Mine Area - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
87	**East Cresson Mine Area - Topsoil - WHEX**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
89	**East Cresson Mine Area - Topsoil - Ironclad**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Sprea**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
93	**Main Cresson Mine Area - 50 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
94	**Main Cresson Mine Area - 50 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
95	**Main Cresson Mine Area - 150 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
96	**Main Cresson Mine Area - 150 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
97	**Main Cresson Mine Area - 400 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
98	**Main Cresson Mine Area - 400 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
99	**Main Cresson Mine Area - 450 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
100	**Main Cresson Mine Area - 450 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
101	**Main Cresson Mine Area - 650 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
102	**Main Cresson Mine Area - 650 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
103	**Main Cresson Mine Area - Topsoil - 10185**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Sp**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
107	**Main Cresson Mine Area - Topsoil - AJAX**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreadir**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
109	**Main Cresson Mine Area - Topsoil - Pit Bottom**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
110	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spr**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
111	**Main Cresson Mine Area - Topsoil - South Cresson HR**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
112	**Main Cresson Mine Area - Topsoil - South Cresson HR - D**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
113	**Main Cresson Mine Area - Topsoil - Cresson HR**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
114	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
115	**Chicago Mine Area**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
116	**Chicago Mine Area topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
117	**East Cresson Mine Area - Regrade (EMP-18)**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
118	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
119	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow - D**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - Cover 2 Costs

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**Ironclad Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**Ironclad Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**Ironclad Mine Area - 40 ft Lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
4	**Ironclad Mine Area - 40 ft Lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
5	**Ironclad Mine Area - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
6	**Ironclad Mine Area - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
8	**SGOSA Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
10	**SGOSA Mine Area - 100 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
12	**SGOSA Mine Area - 150 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
14	**SGOSA Mine Area - 200 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
16	**SGOSA Mine Area - 250 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
18	**SGOSA Mine Area - 300 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
19	**SGOSA Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
20	**SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
21	**SGOSA Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
22	**SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
23	**SGOSA Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
24	**SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
25	**SGOSA Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
26	**SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
27	**SGOSA Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
28	**SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
30	**North Cresson Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
31	**North Cresson Mine Area - 200 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
32	**North Cresson Mine Area - 200 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
33	**North Cresson Mine Area - 250 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
34	**North Cresson Mine Area - 250 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
35	**North Cresson Mine Area - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
36	**North Cresson Mine Area - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
37	**North Cresson Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreadin**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
39	**North Cresson Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
41	**North Cresson Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
43	**North Cresson Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
45	**North Cresson Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
49	**ECOSA Mine Area - 50 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
51	**ECOSA Mine Area - 150 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
53	**ECOSA Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
54	**ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
55	**ECOSA Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
56	**ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
57	**ECOSA Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
58	**ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
59	**ECOSA Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
60	**ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
61	**ECOSA Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
63	**ECOSA Mine Area - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

65	**East Cresson Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
67	**East Cresson Mine Area - 40 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
68	**East Cresson Mine Area - 40 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
69	**East Cresson Mine Area - 50 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
70	**East Cresson Mine Area - 50 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
71	**East Cresson Mine Area - 50 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
72	**East Cresson Mine Area - 50 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
73	**East Cresson Mine Area - 150 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
74	**East Cresson Mine Area - 150 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
75	**East Cresson Mine Area - 400 lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
76	**East Cresson Mine Area - 400 lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
77	**East Cresson Mine Area - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
79	**East Cresson Mine Area - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
81	**East Cresson Mine Area - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
83	**East Cresson Mine Area - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
85	**East Cresson Mine Area - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
87	**East Cresson Mine Area - Topsoil - WHEX**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
89	**East Cresson Mine Area - Topsoil - Ironclad**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Sprea**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
93	**Main Cresson Mine Area - 50 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
94	**Main Cresson Mine Area - 50 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
95	**Main Cresson Mine Area - 150 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
96	**Main Cresson Mine Area - 150 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
97	**Main Cresson Mine Area - 400 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
98	**Main Cresson Mine Area - 400 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
99	**Main Cresson Mine Area - 450 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
100	**Main Cresson Mine Area - 450 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
101	**Main Cresson Mine Area - 650 ft lift - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
102	**Main Cresson Mine Area - 650 ft lift - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
103	**Main Cresson Mine Area - Topsoil - 10185**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadi**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Sp**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
107	**Main Cresson Mine Area - Topsoil - AJAX**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreadin**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
109	**Main Cresson Mine Area - Topsoil - Pit Bottom**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
110	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spr**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
111	**Main Cresson Mine Area - Topsoil - South Cresson HR**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
112	**Main Cresson Mine Area - Topsoil - South Cresson HR - D**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
113	**Main Cresson Mine Area - Topsoil - Cresson HR**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
114	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
115	**Chicago Mine Area**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
116	**Chicago Mine Area topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
117	**East Cresson Mine Area - Regrade (EMP-18)**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
118	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
119	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow - D**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - Growth Media Costs

	Description (required)	Growth Media Placement: Final Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity BCY/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $
1	**Ironclad Mine Area - Pile Leveling - Mass Grading**						0	0	0	0
2	**Ironclad Mine Area - Pile Leveling - Fine Grading**						0	0	0	0
3	**Ironclad Mine Area - 40 ft Lift - Mass Grading**						0	0	0	0
4	**Ironclad Mine Area - 40 ft Lift - Fine Grading**						0	0	0	0
5	**Ironclad Mine Area - Topsoil**	21,062	777G/992K/D10T2	6.82	2	973	22	5,155	39,350	44,505
6	**Ironclad Mine Area - Topsoil - Dozer Spreading**						0	0	0	0
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**						0	0	0	0
8	**SGOSA Mine Area - Pile Leveling - Fine Grading**						0	0	0	0
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**						0	0	0	0
10	**SGOSA Mine Area - 100 ft lift - Fine Grading**						0	0	0	0
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**						0	0	0	0
12	**SGOSA Mine Area - 150 ft lift - Fine Grading**						0	0	0	0
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**						0	0	0	0
14	**SGOSA Mine Area - 200 ft lift - Fine Grading**						0	0	0	0
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**						0	0	0	0
16	**SGOSA Mine Area - 250 ft lift - Fine Grading**						0	0	0	0
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**						0	0	0	0
18	**SGOSA Mine Area - 300 ft lift - Fine Grading**						0	0	0	0
19	**SGOSA Mine Area - Topsoil - Lift 1**	18,610	777G/992K/D10T2	12.39	4	1,072	17	5,469	45,386	50,855
20	**SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**						0	0	0	0
21	**SGOSA Mine Area - Topsoil - Lift 2**	9,648	777G/992K/D10T2	8.53	3	1,165	9	2,502	20,063	22,565
22	**SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
23	**SGOSA Mine Area - Topsoil - Lift 3**	16,569	777G/992K/D10T2	8.17	3	1,218	14	3,892	31,209	35,101
24	**SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
25	**SGOSA Mine Area - Topsoil - Lift 4**	46,133	777G/992K/D10T2	6.58	2	1,008	46	10,778	82,277	93,055
26	**SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
27	**SGOSA Mine Area - Topsoil - Lift 5**	47,964	777G/992K/D10T2	5.35	2	1,240	39	9,138	69,757	78,895
28	**SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**						0	0	0	0
30	**North Cresson Mine Area - Pile Leveling - Fine Grading**						0	0	0	0
31	**North Cresson Mine Area - 200 ft lift - Mass Grading**						0	0	0	0
32	**North Cresson Mine Area - 200 ft lift - Fine Grading**						0	0	0	0
33	**North Cresson Mine Area - 250 ft lift - Mass Grading**						0	0	0	0
34	**North Cresson Mine Area - 250 ft lift - Fine Grading**						0	0	0	0
35	**North Cresson Mine Area - Topsoil**	44,722	777G/992K/D10T2	9.75	3	1,021	44	12,232	98,085	110,317
36	**North Cresson Mine Area - Topsoil - Dozer Spreading**						0	0	0	0
37	**North Cresson Mine Area - Topsoil - Lift 1**	3,759	777G/992K/D10T2	12.11	4	1,096	3	965	8,009	8,974
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreadin**						0	0	0	0
39	**North Cresson Mine Area - Topsoil - Lift 2**	13,915	777G/992K/D10T2	12.11	4	1,096	13	4,182	34,707	38,889
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadi**						0	0	0	0
41	**North Cresson Mine Area - Topsoil - Lift 3**	27,467	777G/992K/D10T2	8.17	3	1,218	23	6,394	51,272	57,666
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadi**						0	0	0	0
43	**North Cresson Mine Area - Topsoil - Lift 4**	12,536	777G/992K/D10T2	6.58	2	1,008	12	2,812	21,464	24,276
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadi**						0	0	0	0
45	**North Cresson Mine Area - Topsoil - Lift 5**	1,436	777G/992K/D10T2	5.35	2	1,240	2	469	3,577	4,046
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadi**						0	0	0	0
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	32,404	777G/992K/D10T2	10.57	3	941	34	9,452	75,793	85,245
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer**						0	0	0	0
49	**ECOSA Mine Area - 50 ft lift - Mass Grading**						0	0	0	0
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**						0	0	0	0
51	**ECOSA Mine Area - 150 ft lift - Mass Grading**						0	0	0	0
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**						0	0	0	0
53	**ECOSA Mine Area - Topsoil - Lift 1**	59,734	777G/992K/D10T2	6.55	2	1,013	59	13,824	105,529	119,353
54	**ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**						0	0	0	0
55	**ECOSA Mine Area - Topsoil - Lift 2**	51,030	777G/992K/D10T2	8.25	3	1,205	42	11,676	93,626	105,302
56	**ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
57	**ECOSA Mine Area - Topsoil - Lift 3**	54,071	777G/992K/D10T2	10.19	3	976	55	15,291	122,606	137,897
58	**ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
59	**ECOSA Mine Area - Topsoil - Lift 4**	43,302	777G/992K/D10T2	12.06	4	1,099	40	12,869	106,791	119,660
60	**ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
61	**ECOSA Mine Area - Topsoil - Lift 5**	53,926	777G/992K/D10T2	15.65	5	1,058	51	18,637	158,627	177,264
62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
63	**ECOSA Mine Area - Topsoil - Lift 6**	20,957	777G/992K/D10T2	18.51	6	1,076	19	7,774	67,467	75,241
64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

65	**East Cresson Mine Area - Pile Leveling - Mass Grading**						0	0	0	0
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**						0	0	0	0
67	**East Cresson Mine Area - 40 lift - Mass Grading**						0	0	0	0
68	**East Cresson Mine Area - 40 lift - Fine Grading**						0	0	0	0
69	**East Cresson Mine Area - 50 lift - Mass Grading**						0	0	0	0
70	**East Cresson Mine Area - 50 lift - Fine Grading**						0	0	0	0
71	**East Cresson Mine Area - 50 lift - Mass Grading**						0	0	0	0
72	**East Cresson Mine Area - 50 lift - Fine Grading**						0	0	0	0
73	**East Cresson Mine Area - 150 lift - Mass Grading**						0	0	0	0
74	**East Cresson Mine Area - 150 lift - Fine Grading**						0	0	0	0
75	**East Cresson Mine Area - 400 lift - Mass Grading**						0	0	0	0
76	**East Cresson Mine Area - 400 lift - Fine Grading**						0	0	0	0
77	**East Cresson Mine Area - Topsoil - Lift 2**	10,228	777G/992K/D10T2	6.61	2	1,004	10	2,343	17,886	20,229
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
79	**East Cresson Mine Area - Topsoil - Lift 3**	8,575	777G/992K/D10T2	6.87	2	966	9	2,109	16,098	18,207
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
81	**East Cresson Mine Area - Topsoil - Lift 4**	50,320	777G/992K/D10T2	7.65	2	867	58	13,589	103,741	117,330
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
83	**East Cresson Mine Area - Topsoil - Lift 5**	90,226	777G/992K/D10T2	8.63	3	1,153	78	21,685	173,878	195,563
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
85	**East Cresson Mine Area - Topsoil - Lift 6**	90,330	777G/992K/D10T2	10.37	3	959	94	26,133	209,545	235,678
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0
87	**East Cresson Mine Area - Topsoil - WHEX**	161,059	777G/992K/D10T2	6.8	2	976	165	38,660	295,124	333,784
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreading**						0	0	0	0
89	**East Cresson Mine Area - Topsoil - Ironclad**	12,043	777G/992K/D10T2	6.91	2	959	13	3,046	23,252	26,298
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Spread**						0	0	0	0
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**						0	0	0	0
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**						0	0	0	0
93	**Main Cresson Mine Area - 50 ft lift - Mass Grading**						0	0	0	0
94	**Main Cresson Mine Area - 50 ft lift - Fine Grading**						0	0	0	0
95	**Main Cresson Mine Area - 150 ft lift - Mass Grading**						0	0	0	0
96	**Main Cresson Mine Area - 150 ft lift - Fine Grading**						0	0	0	0
97	**Main Cresson Mine Area - 400 ft lift - Mass Grading**						0	0	0	0
98	**Main Cresson Mine Area - 400 ft lift - Fine Grading**						0	0	0	0
99	**Main Cresson Mine Area - 450 ft lift - Mass Grading**						0	0	0	0
100	**Main Cresson Mine Area - 450 ft lift - Fine Grading**						0	0	0	0
101	**Main Cresson Mine Area - 650 ft lift - Mass Grading**						0	0	0	0
102	**Main Cresson Mine Area - 650 ft lift - Fine Grading**						0	0	0	0
103	**Main Cresson Mine Area - Topsoil - 10185**	67,115	777G/992K/D10T2	6.15	2	1,079	62	14,527	110,895	125,422
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreading**						0	0	0	0
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	59,128	777G/992K/D10T2	7.73	2	858	69	16,167	123,415	139,582
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Spr**						0	0	0	0
107	**Main Cresson Mine Area - Topsoil - AJAX**	26,870	777G/992K/D10T2	6.44	2	1,029	26	6,092	46,504	52,596
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreading**						0	0	0	0
109	**Main Cresson Mine Area - Topsoil - Pit Bottom**	55,725	777G/992K/D10T2	14.43	5	1,150	48	17,541	149,296	166,837
110	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spr**						0	0	0	0
111	**Main Cresson Mine Area - Topsoil - South Cresson HR**	24,265	777G/992K/D10T2	9.1	3	1,093	22	6,116	49,042	55,158
112	**Main Cresson Mine Area - Topsoil - South Cresson HR - D**						0	0	0	0
113	**Main Cresson Mine Area - Topsoil - Cresson HR**	24,265	777G/992K/D10T2	13.05	4	1,016	24	7,721	64,074	71,795
114	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**						0	0	0	0
115	**Chicago Mine Area**						0	0	0	0
116	**Chicago Mine Area topsoil - Dozer Spreading**	3,227	777G/992K/D10T2	5.04	2	1,316	2	469	3,577	4,046
117	**East Cresson Mine Area - Regrade (EMP-18)**						0	0	0	0
118	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow**	10,382	777G/992K/D10T2	7.07	2	938	11	2,577	19,675	22,252
119	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow - D**						0	0	0	0
		1,273,003					1,235	**332,286**	**2,641,597**	**2,973,883**

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

Waste Rock Dumps - Scarify/Revegetation Costs

										Scarifying Costs			Regegetation Costs			
	Description (required)	Slope Area acres	Flat Area acres	Total Surface Area acres	Final Slope Length ft	Average Long Dimension (ripping distance) ft	Ripping/ Scarifying Fleet	Slope Scarifying/ Ripping Hours hrs	Flat Area Scarifying/ Ripping Hours hrs	Scarifying/ Ripping Labor Costs $	Scarifying/ Ripping Equipment Cost $	Total Scarifying/ Ripping Costs $	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revegetation Material Cost $	Total Revegetation Cost $
1	**Ironclad Mine Area - Pile Leveling - Mass Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
2	**Ironclad Mine Area - Pile Leveling - Fine Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
3	**Ironclad Mine Area - 40 ft Lift - Mass Grading**	0.10	0.00	0.10	208			0	0	0	0	0	0	0	0	0
4	**Ironclad Mine Area - 40 ft Lift - Fine Grading**	0.10	0.00	0.10	208			0	0	0	0	0	0	0	0	0
5	**Ironclad Mine Area - Topsoil**	0.11	26.00	26.11	50	300	D9T	0	20	1,458	5,146	6,604	3,803	1,385	31,224	36,412
6	**Ironclad Mine Area - Topsoil - Dozer Spreading**	0.11	0.00	0.11	50			0	0	0	0	0	0	0	0	0
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
8	**SGOSA Mine Area - Pile Leveling - Fine Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**	0.10	0.00	0.10	271			0	0	0	0	0	0	0	0	0
10	**SGOSA Mine Area - 100 ft lift - Fine Grading**	0.10	0.00	0.10	271			0	0	0	0	0	0	0	0	0
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**	0.10	0.00	0.10	542			0	0	0	0	0	0	0	0	0
12	**SGOSA Mine Area - 150 ft lift - Fine Grading**	0.10	0.00	0.10	542			0	0	0	0	0	0	0	0	0
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
14	**SGOSA Mine Area - 200 ft lift - Fine Grading**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**	0.10	0.00	0.10	812			0	0	0	0	0	0	0	0	0
16	**SGOSA Mine Area - 250 ft lift - Fine Grading**	0.10	0.00	0.10	812			0	0	0	0	0	0	0	0	0
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**	0.10	0.00	0.10	948			0	0	0	0	0	0	0	0	0
18	**SGOSA Mine Area - 300 ft lift - Fine Grading**	0.10	0.00	0.10	948			0	0	0	0	0	0	0	0	0
19	**SGOSA Mine Area - Topsoil - Lift 1**	23.07	0.00	23.07	1,005	245	D9T	17	0	1,239	4,374	5,613	3,360	1,224	27,588	32,172
20	**SGOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	0.10	0.00	0.10	1,005			0	0	0	0	0	0	0	0	0
21	**SGOSA Mine Area - Topsoil - Lift 2**	10.96	1.00	11.96	271	245	D9T	8	1	656	2,316	2,972	1,742	634	14,302	16,678
22	**SGOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0.10	0.00	0.10	271			0	0	0	0	0	0	0	0	0
23	**SGOSA Mine Area - Topsoil - Lift 3**	16.54	4.00	20.54	271	245	D9T	12	3	1,094	3,860	4,954	2,992	1,089	24,562	28,643
24	**SGOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0.10	0.00	0.10	271			0	0	0	0	0	0	0	0	0
25	**SGOSA Mine Area - Topsoil - Lift 4**	42.19	15.00	57.19	271	245	D9T	31	12	3,135	11,065	14,200	8,330	3,034	68,390	79,754
26	**SGOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0.10	0.00	0.10	271			0	0	0	0	0	0	0	0	0
27	**SGOSA Mine Area - Topsoil - Lift 5**	32.46	27.00	59.46	271	245	D9T	24	21	3,281	11,579	14,860	8,661	3,154	71,103	82,918
28	**SGOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0.10	0.00	0.10	271			0	0	0	0	0	0	0	0	0
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
30	**North Cresson Mine Area - Pile Leveling - Fine Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
31	**North Cresson Mine Area - 200 ft lift - Mass Grading**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
32	**North Cresson Mine Area - 200 ft lift - Fine Grading**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
33	**North Cresson Mine Area - 250 ft lift - Mass Grading**	0.10	0.00	0.10	948			0	0	0	0	0	0	0	0	0
34	**North Cresson Mine Area - 250 ft lift - Fine Grading**	0.10	0.00	0.10	948			0	0	0	0	0	0	0	0	0
35	**North Cresson Mine Area - Topsoil**	3.44	52.00	55.44	50	300	D9T	2	40	3,062	10,807	13,869	8,075	2,940	66,297	77,312
36	**North Cresson Mine Area - Topsoil - Dozer Spreading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
37	**North Cresson Mine Area - Topsoil - Lift 1**	4.66	0.00	4.66	677	245	D9T	4	0	292	1,029	1,321	679	247	5,573	6,499
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreadin**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
39	**North Cresson Mine Area - Topsoil - Lift 2**	17.25	0.00	17.25	677	245	D9T	13	0	948	3,345	4,293	2,513	915	20,628	24,056
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreadi**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
41	**North Cresson Mine Area - Topsoil - Lift 3**	34.05	0.00	34.05	677	245	D9T	25	0	1,823	6,433	8,256	4,960	1,806	40,718	47,484
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreadi**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
43	**North Cresson Mine Area - Topsoil - Lift 4**	15.54	0.00	15.54	677	245	D9T	11	0	802	2,831	3,633	2,263	824	18,583	21,670
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreadi**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
45	**North Cresson Mine Area - Topsoil - Lift 5**	0.78	1.00	1.78	677	245	D9T	1	1	146	515	661	260	94	2,129	2,483
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreadi**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	0.17	40.00	40.17	50	300	D9T	0	31	2,260	7,977	10,237	5,851	2,131	48,036	56,018
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer**	0.10	0.00	0.10	677			0	0	0	0	0	0	0	0	0
49	**ECOSA Mine Area - 50 ft lift - Mass Grading**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
51	**ECOSA Mine Area - 150 ft lift - Mass Grading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
53	**ECOSA Mine Area - Topsoil - Lift 1**	55.05	19.00	74.05	406	625	D9T	39	14	3,864	13,638	17,502	10,785	3,928	88,552	103,265
54	**ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
55	**ECOSA Mine Area - Topsoil - Lift 2**	57.26	6.00	63.26	406	625	D9T	41	4	3,281	11,579	14,860	9,214	3,355	75,649	88,218
56	**ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
57	**ECOSA Mine Area - Topsoil - Lift 3**	62.03	5.00	67.03	406	635	D9T	44	4	3,499	12,351	15,850	9,763	3,555	80,156	93,474
58	**ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
59	**ECOSA Mine Area - Topsoil - Lift 4**	33.68	20.00	53.68	406	505	D9T	24	15	2,843	10,035	12,878	7,819	2,848	64,192	74,859
60	**ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
61	**ECOSA Mine Area - Topsoil - Lift 5**	66.85	0.00	66.85	406	315	D9T	48	0	3,499	12,351	15,850	9,737	3,546	79,942	93,225
62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
63	**ECOSA Mine Area - Topsoil - Lift 6**	13.98	12.00	25.98	406	300	D9T	10	9	1,385	4,889	6,274	3,784	1,379	31,068	36,231
64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
65	**East Cresson Mine Area - Pile Leveling - Mass Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	2,236,504	8,208,026	N/A	10,444,530
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,286	2,641,597	N/A	2,973,883
Ripping/Scarifying Cost	86,466	305,180	N/A	391,646
Subtotal Earthworks	**2,655,256**	**11,154,803**		**13,810,059**
Revegetation Cost	229,884	83,715	0	313,599
TOTALS	**2,885,140**	**11,238,518**	**0**	**14,123,658**

67	**East Cresson Mine Area - 40 lift - Mass Grading**	0.10	0.00	0.10	108			0	0	0	0	0	0	0	0	0
68	**East Cresson Mine Area - 40 lift - Fine Grading**	0.10	0.00	0.10	108			0	0	0	0	0	0	0	0	0
69	**East Cresson Mine Area - 50 lift - Mass Grading**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
70	**East Cresson Mine Area - 50 lift - Fine Grading**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
71	**East Cresson Mine Area - 50 lift - Mass Grading**	0.10	0.00	0.10	234			0	0	0	0	0	0	0	0	0
72	**East Cresson Mine Area - 50 lift - Fine Grading**	0.10	0.00	0.10	234			0	0	0	0	0	0	0	0	0
73	**East Cresson Mine Area - 150 lift - Mass Grading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
74	**East Cresson Mine Area - 150 lift - Fine Grading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
75	**East Cresson Mine Area - 400 lift - Mass Grading**	0.10	0.00	0.10	1,083			0	0	0	0	0	0	0	0	0
76	**East Cresson Mine Area - 400 lift - Fine Grading**	0.10	0.00	0.10	1,083			0	0	0	0	0	0	0	0	0
77	**East Cresson Mine Area - Topsoil - Lift 2**	7.68	5.00	12.68	406	675	D9T	6	4	729	2,573	3,302	1,847	672	15,163	17,682
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
79	**East Cresson Mine Area - Topsoil - Lift 3**	2.63	8.00	10.63	406	515	D9T	2	6	583	2,059	2,642	1,548	564	12,711	14,823
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
81	**East Cresson Mine Area - Topsoil - Lift 4**	58.38	4.00	62.38	406	545	D9T	42	3	3,281	11,579	14,860	9,086	3,309	74,596	86,991
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
83	**East Cresson Mine Area - Topsoil - Lift 5**	66.85	45.00	111.85	406	655	D9T	48	33	5,905	20,843	26,748	16,292	5,933	133,755	155,980
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
85	**East Cresson Mine Area - Topsoil - Lift 6**	13.98	98.00	111.98	406	300	D9T	10	75	6,197	21,872	28,069	16,310	5,940	133,910	156,160
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
87	**East Cresson Mine Area - Topsoil - WHEX**	4.66	195.00	199.66	406	300	D9T	3	150	11,154	39,370	50,524	29,082	10,591	238,760	278,433
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
89	**East Cresson Mine Area - Topsoil - Ironclad**	0.93	14.00	14.93	406	300	D9T	1	11	875	3,088	3,963	2,174	792	17,854	20,820
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Spread**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**	0.10	0.00	0.10	50			0	0	0	0	0	0	0	0	0
93	**Main Cresson Mine Area - 50 ft lift - Mass Grading**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
94	**Main Cresson Mine Area - 50 ft lift - Fine Grading**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
95	**Main Cresson Mine Area - 150 ft lift - Mass Grading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
96	**Main Cresson Mine Area - 150 ft lift - Fine Grading**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
97	**Main Cresson Mine Area - 400 ft lift - Mass Grading**	0.10	0.00	0.10	1,083			0	0	0	0	0	0	0	0	0
98	**Main Cresson Mine Area - 400 ft lift - Fine Grading**	0.10	0.00	0.10	1,083			0	0	0	0	0	0	0	0	0
99	**Main Cresson Mine Area - 450 ft lift - Mass Grading**	0.10	0.00	0.10	1,218			0	0	0	0	0	0	0	0	0
100	**Main Cresson Mine Area - 450 ft lift - Fine Grading**	0.10	0.00	0.10	1,218			0	0	0	0	0	0	0	0	0
101	**Main Cresson Mine Area - 650 ft lift - Mass Grading**	0.10	0.00	0.10	1,760			0	0	0	0	0	0	0	0	0
102	**Main Cresson Mine Area - 650 ft lift - Fine Grading**	0.10	0.00	0.10	1,760			0	0	0	0	0	0	0	0	0
103	**Main Cresson Mine Area - Topsoil - 10185**	20.20	63.00	83.20	1,760	400	D9T	15	48	4,593	16,211	20,804	12,118	4,414	99,493	116,025
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreading**	0.10	0.00	0.10	1,760			0	0	0	0	0	0	0	0	0
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	23.30	50.00	73.30	406	300	D9T	17	38	4,010	14,153	18,163	10,677	3,888	87,656	102,221
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Spr**	0.10	0.00	0.10	406			0	0	0	0	0	0	0	0	0
107	**Main Cresson Mine Area - Topsoil - AJAX**	2.31	31.00	33.31	67	100	D9T	2	27	2,114	7,462	9,576	4,851	1,767	39,833	46,451
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreading**	0.10	0.00	0.10	67			0	0	0	0	0	0	0	0	0
109	**Main Cresson Mine Area - Topsoil - Pit Bottom**	0.10	69.00	69.10	1,760	300	D9T	1	53	3,937	13,895	17,832	10,065	3,665	82,633	96,363
110	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spr**	0.10	0.00	0.10	100			0	0	0	0	0	0	0	0	0
111	**Main Cresson Mine Area - Topsoil - South Cresson HR**	0.10	30.00	30.10	1,760	300	D9T	1	23	1,750	6,176	7,926	4,385	1,596	35,995	41,976
112	**Main Cresson Mine Area - Topsoil - South Cresson HR - D**	0.10	0.00	0.10	112			0	0	0	0	0	0	0	0	0
113	**Main Cresson Mine Area - Topsoil - Cresson HR**	0.10	30.00	30.10	1,760	300	D9T	1	23	1,750	6,176	7,926	4,385	1,596	35,995	41,976
114	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**	0.10	0.00	0.10	112			0	0	0	0	0	0	0	0	0
115	**Chicago Mine Area**	0.10	0.00	0.10	112			0	0	0	0	0	0	0	0	0
116	**Chicago Mine Area topsoil - Dozer Spreading**	0.10	4.00	4.10		150	D9T	0	3	219	772	991	598	217	4,903	5,718
117	**East Cresson Mine Area - Regrade (EMP-18)**	1.50	0.00	1.50	654			0	0	0	0	0	0	0	0	0
118	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow**	0.87	12.00	12.87	379	200	D9T	1	10	802	2,831	3,633	1,875	683	15,390	17,948
119	**East Cresson Mine Area - Topsoil - WHEX Clay Borrow - D**	0.10	0.00	0.10	379			0	0	0	0	0	0	0	0	0
		702.17	886.00	1,588.17				504	682	**86,466**	**305,180**	**391,646**	**229,884**	**83,715**	**1,887,339**	**2,200,938**

Notes:
1. Minimum total ripping hours = 1 (i.e. If total ripping hrs (slope + flat) < 1, then one hour of fleet time is assumed, regardless of acres shown in in scarifying table.)
2. Assumes 50 min/hr equipment availability

Closure Cost Estimate
Heap Leach

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach Pads - User Input

You must fill in ALL green cells and relevant blue cells in this section for each heap, lift or heap category

	Facility Description								Physical (1) - MANDATORY								Cover 1				Cover 2				Growth Media			
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Ground Slope at Toe % grade	Ungraded Slope H:1V	Final Slope H:1V	Final Top Slope % grade	Lift (heap) Height ft	Mid-Bench Length ft	Average Flat Area Long Dimension (ripping distance) ft	Final (Regraded) Heap Footprint acres	Regrade Volume (if calculated elsewhere) cy	Cover Thickness Slopes in	Cover Thickness Flat Areas in	Haul Distance to Placement Location (2) ft	Slope to Placement Location % grade	Cover Thickness Slopes in	Cover Thickness Flat Areas in	Haul Distance to Placement Location (2) ft	Slope from Dump to Cover Borrow % grade	Slope Growth Media Thickness in	Flat Area Growth Media Thickness in	Haul Distance to Placement Location ft	Slope to Placement Location % grade
1	AGVLF - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				6,048,388												
2	AGVLF - Topsoil		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	175	200	350	34.77	0									6.0	6.0	2,000	-0.6
3	AGVLF - Topsoil - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	175				25,997												
4	AGVLF - Topsoil - Lift 1		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	150	3104	175	21.57	0									6.0	6.0	3,087	3.9
5	AGVLF - Topsoil - Lift 1 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	150				32,998												
6	AGVLF - Topsoil - Lift 2		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	141	4295	355	35.82	0									6.0	6.0	3,196	-0.7
7	AGVLF - Topsoil - Lift 2 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	141				42,869												
8	AGVLF - Topsoil - Lift 3		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118	5370	355	48.87	0									6.0	6.0	4,268	-3.3
9	AGVLF - Topsoil - Lift 3 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118				62,280												
10	AGVLF - Topsoil - Lift 4		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	207	5769	415	54.92	0									6.0	6.0	6,312	-5.5
11	AGVLF - Topsoil - Lift 4 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	207				63,390												
12	AGVLF - Topsoil - Lift 5		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	113	7392	465	73.41	0									6.0	6.0	7,462	-6.2
13	AGVLF - Topsoil - Lift 5 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	113				80,185												
14	AGVLF - Topsoil - Lift 6		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	133	7598	685	93.43	0									6.0	6.0	8,747	-6.8
15	AGVLF - Topsoil - Lift 6 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	133				107,526												
16	AGVLF - Topsoil - Lift 7		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118	1500	700	131.07	0									6.0	6.0	10,490	-6.8
17	AGVLF - Topsoil - Lift 7 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118				62,653												
18	AGVLF - Topsoil - Lift 8		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	200	5999	415	49.28	0									6.0	6.0	2,805	-9.1
19	AGVLF - Topsoil - Lift 8 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	200				44,511												
20	AGVLF - Topsoil - Lift 9		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	106	4569	415	51.64	0									6.0	6.0	1,859	-8.0
21	AGVLF - Topsoil - Lift 9 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	106				41,737												
22	SGVLF - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				3,982,293												
23	SGVLF - Topsoil - Lift 1		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	1333	245	18.10										6.0	6.0	6,269	7.1
24	SGVLF - Topsoil - Lift 1 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				21,411												
25	SGVLF - Topsoil - Lift 2		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	2122	245	16.80										6.0	6.0	4,774	5.4
26	SGVLF - Topsoil - Lift 2 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				20,641												
27	SGVLF - Topsoil - Lift 3		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	3018	245	21.50										6.0	6.0	3,710	3.9
28	SGVLF - Topsoil - Lift 3 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				24,747												
29	SGVLF - Topsoil - Lift 4		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	3495	245	32.40										6.0	6.0	3,178	1.9
30	SGVLF - Topsoil - Lift 4 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				33,707												
31	SGVLF - Topsoil - Lift 5		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	7354	245	49.90										6.0	6.0	2,868	-2.0
32	SGVLF - Topsoil - Lift 5 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				49,182												
33	SGVLF - Topsoil - Lift 6		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	9098	245	85.80										6.0	6.0	3,821	-4.2
34	SGVLF - Topsoil - Lift 6 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				78,755												
35	SGVLF - Topsoil - Lift 7		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	10110	245	65.80										6.0	6.0	2,908	-8.9
36	SGVLF - Topsoil - Lift 7 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				62,978												
37	SGVLF - Topsoil - Lift 8		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	9370	245	57.70										6.0	6.0	4,903	-7.3
38	SGVLF - Topsoil - Lift 8 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				56,183												
39	SGVLF - Topsoil - Lift 9		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	8446	245	51.99										6.0	6.0	5,285	-8.7
40	SGVLF - Topsoil - Lift 9 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				51,252												
41	SGVLF - Topsoil - Lift 10		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	7206	245	46.70										6.0	6.0	7,928	-7.1
42	SGVLF - Topsoil - Lift 10 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				46,549												
43	SGVLF - Topsoil - Lift 11		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	6573	245	46.90										6.0	6.0	7,725	-8.5
44	SGVLF - Topsoil - Lift 11 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				46,487												
45	SGVLF - Topsoil - Lift 12		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	2012	245	35.10										6.0	6.0	8,359	-9.1
46	SGVLF - Topsoil - Lift 12 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				35,364												
47	SGVLF - Topsoil - Lift 13		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	1500	245	23.49										6.0	6.0	9,638	-8.4
48	SGVLF - Topsoil - Lift 13 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				25,814												

Notes:
1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. Input distance from crusher to placement location if material to be crushed, screened or compacted
3. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivity Sheet)

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsx
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach - User Input (Cont.)

	Facility Description	Cover 1 - Crushing & Screening										Cover 2 - Crushing & Screening									
	Description (required)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope from Source % grade	Haul to Crusher Fleet (2) (select)	Compact Slopes After Placement? (select)	Compact Flat After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope from Source % grade	Haul to Crusher Fleet (2) (select)	Compact Slopes After Placement? (select)	Compact Flat After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)
1	**AGVLF - Mass Grading**																				
2	**AGVLF - Topsoil**																				
3	**AGVLF - Topsoil - Dozer Spreading**																				
4	**AGVLF - Topsoil - Lift 1**																				
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**																				
6	**AGVLF - Topsoil - Lift 2**																				
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**																				
8	**AGVLF - Topsoil - Lift 3**																				
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**																				
10	**AGVLF - Topsoil - Lift 4**																				
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**																				
12	**AGVLF - Topsoil - Lift 5**																				
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**																				
14	**AGVLF - Topsoil - Lift 6**																				
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**																				
16	**AGVLF - Topsoil - Lift 7**																				
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**																				
18	**AGVLF - Topsoil - Lift 8**																				
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**																				
20	**AGVLF - Topsoil - Lift 9**																				
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**																				
22	**SGVLF - Mass Grading**																				
23	**SGVLF - Topsoil - Lift 1**																				
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**																				
25	**SGVLF - Topsoil - Lift 2**																				
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**																				
27	**SGVLF - Topsoil - Lift 3**																				
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**																				
29	**SGVLF - Topsoil - Lift 4**																				
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**																				
31	**SGVLF - Topsoil - Lift 5**																				
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**																				
33	**SGVLF - Topsoil - Lift 6**																				
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**																				
35	**SGVLF - Topsoil - Lift 7**																				
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**																				
37	**SGVLF - Topsoil - Lift 8**																				
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**																				
39	**SGVLF - Topsoil - Lift 9**																				
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**																				
41	**SGVLF - Topsoil - Lift 10**																				
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**																				
43	**SGVLF - Topsoil - Lift 11**																				
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**																				
45	**SGVLF - Topsoil - Lift 12**																				
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**																				
47	**SGVLF - Topsoil - Lift 13**																				
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**																				

Notes:
1. Input distance from crusher to placement location if material to be crushed, screened or compacted
2. if distance from borrow <820 ft (250 m) must select loader fleet

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach Pads - User Input (cont.)

You must fill in ALL green cells and relevant blue cells in this section for each heap, lift or heap category

		Grading				Cover 1				Cover 2				Growth Media				Revegetation								
	Description (required)	Dozing Material Condition (select)	Heap Material Type (select)	Grading Equipment Fleet (select)	Slot/ Side-by-Side (select)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Seed Mix Slopes (select)	Seed Mix Flat Areas (select)	Mulch Slopes (select)	Mulch Flat Areas (select)	Fertilizer Slopes (select)	Fertilizer Flat Areas (select)	Slope Scarify/ Rip? (select)	Flat Area Scarify/ Rip? (select)	Scarifying/ Ripping Fleet (select)
1	AGVLF - Mass Grading	1	Stone - crushed	Large	Yes																					
2	AGVLF - Topsoil													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
3	AGVLF - Topsoil - Dozer Spreading	1.2	Topsoil	Small	No																					
4	AGVLF - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
5	AGVLF - Topsoil - Lift 1 - Dozer Spreading	1.2	Topsoil	Small	No																					
6	AGVLF - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
7	AGVLF - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
8	AGVLF - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
9	AGVLF - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
10	AGVLF - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
11	AGVLF - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
12	AGVLF - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
13	AGVLF - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
14	AGVLF - Topsoil - Lift 6													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
15	AGVLF - Topsoil - Lift 6 - Dozer Spreading	1.2	Topsoil	Small	No																					
16	AGVLF - Topsoil - Lift 7													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
17	AGVLF - Topsoil - Lift 7 - Dozer Spreading	1.2	Topsoil	Small	No																					
18	AGVLF - Topsoil - Lift 8													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
19	AGVLF - Topsoil - Lift 8 - Dozer Spreading	1.2	Topsoil	Small	No																					
20	AGVLF - Topsoil - Lift 9													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
21	AGVLF - Topsoil - Lift 9 - Dozer Spreading	1.2	Topsoil	Small	No																					
22	SGVLF - Mass Grading	1	Granite - broken	Large	Yes																					
23	SGVLF - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
24	SGVLF - Topsoil - Lift 1 - Dozer Spreading	1.2	Topsoil	Small	No																					
25	SGVLF - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
26	SGVLF - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
27	SGVLF - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
28	SGVLF - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
29	SGVLF - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
30	SGVLF - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
31	SGVLF - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
32	SGVLF - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
33	SGVLF - Topsoil - Lift 6													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
34	SGVLF - Topsoil - Lift 6 - Dozer Spreading	1.2	Topsoil	Small	No																					
35	SGVLF - Topsoil - Lift 7													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
36	SGVLF - Topsoil - Lift 7 - Dozer Spreading	1.2	Topsoil	Small	No																					
37	SGVLF - Topsoil - Lift 8													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
38	SGVLF - Topsoil - Lift 8 - Dozer Spreading	1.2	Topsoil	Small	No																					
39	SGVLF - Topsoil - Lift 9													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
40	SGVLF - Topsoil - Lift 9 - Dozer Spreading	1.2	Topsoil	Small	No																					
41	SGVLF - Topsoil - Lift 10													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
42	SGVLF - Topsoil - Lift 10 - Dozer Spreading	1.2	Topsoil	Small	No																					
43	SGVLF - Topsoil - Lift 11													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
44	SGVLF - Topsoil - Lift 11 - Dozer Spreading	1.2	Topsoil	Small	No																					
45	SGVLF - Topsoil - Lift 12													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
46	SGVLF - Topsoil - Lift 12 - Dozer Spreading	1.2	Topsoil	Small	No																					
47	SGVLF - Topsoil - Lift 13													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
48	SGVLF - Topsoil - Lift 13 - Dozer Spreading	1.2	Topsoil	Small	No																					

Notes:
1. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach Pads - User Input (cont.)

		Solution Collection Ditch Fill							Piping			
	Description (required)	Collection Ditch Length ft	Collection Ditch Top Width ft	Collection Ditch Depth ft	Volume (if calculated elsewhere) cy	Distance from Borrow ft	Slope to Borrow % grade	Drain Rock Equipment Fleet (select)	Solid Pipe Length ft	Solid Pipe Type (select)	Drainage Pipe Length ft	Drainage Pipe Type (select)
1	AGVLF - Mass Grading											
2	AGVLF - Topsoil											
3	AGVLF - Topsoil - Dozer Spreading											
4	AGVLF - Topsoil - Lift 1											
5	AGVLF - Topsoil - Lift 1 - Dozer Spreading											
6	AGVLF - Topsoil - Lift 2											
7	AGVLF - Topsoil - Lift 2 - Dozer Spreading											
8	AGVLF - Topsoil - Lift 3											
9	AGVLF - Topsoil - Lift 3 - Dozer Spreading											
10	AGVLF - Topsoil - Lift 4											
11	AGVLF - Topsoil - Lift 4 - Dozer Spreading											
12	AGVLF - Topsoil - Lift 5											
13	AGVLF - Topsoil - Lift 5 - Dozer Spreading											
14	AGVLF - Topsoil - Lift 6											
15	AGVLF - Topsoil - Lift 6 - Dozer Spreading											
16	AGVLF - Topsoil - Lift 7											
17	AGVLF - Topsoil - Lift 7 - Dozer Spreading											
18	AGVLF - Topsoil - Lift 8											
19	AGVLF - Topsoil - Lift 8 - Dozer Spreading											
20	AGVLF - Topsoil - Lift 9											
21	AGVLF - Topsoil - Lift 9 - Dozer Spreading											
22	SGVLF - Mass Grading											
23	SGVLF - Topsoil - Lift 1											
24	SGVLF - Topsoil - Lift 1 - Dozer Spreading											
25	SGVLF - Topsoil - Lift 2											
26	SGVLF - Topsoil - Lift 2 - Dozer Spreading											
27	SGVLF - Topsoil - Lift 3											
28	SGVLF - Topsoil - Lift 3 - Dozer Spreading											
29	SGVLF - Topsoil - Lift 4											
30	SGVLF - Topsoil - Lift 4 - Dozer Spreading											
31	SGVLF - Topsoil - Lift 5											
32	SGVLF - Topsoil - Lift 5 - Dozer Spreading											
33	SGVLF - Topsoil - Lift 6											
34	SGVLF - Topsoil - Lift 6 - Dozer Spreading											
35	SGVLF - Topsoil - Lift 7											
36	SGVLF - Topsoil - Lift 7 - Dozer Spreading											
37	SGVLF - Topsoil - Lift 8											
38	SGVLF - Topsoil - Lift 8 - Dozer Spreading											
39	SGVLF - Topsoil - Lift 9											
40	SGVLF - Topsoil - Lift 9 - Dozer Spreading											
41	SGVLF - Topsoil - Lift 10											
42	SGVLF - Topsoil - Lift 10 - Dozer Spreading											
43	SGVLF - Topsoil - Lift 11											
44	SGVLF - Topsoil - Lift 11 - Dozer Spreading											
45	SGVLF - Topsoil - Lift 12											
46	SGVLF - Topsoil - Lift 12 - Dozer Spreading											
47	SGVLF - Topsoil - Lift 13											
48	SGVLF - Topsoil - Lift 13 - Dozer Spreading											

Notes:

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach - Assumptions & Calculations

Regrading Push Distance Calculation

dozing distance:
based on 2/3 final cut slope + 2/3 final fill slope (minimum = 50 ft)

Ripping/Scarifying Calculations

Minimum 1 hr ripping/scarifying per area

Slopes:
Number of passes = Final slope length ÷ Grader width
Travel distance = Number of passes x Mid-bench length
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)

Flat Areas:
Flat area width = Final flat area ÷ Average long dimensions
Number of passes = Flat area width ÷ Grader width
Travel distance = Number of passes x Average long dimensions
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)

Revegetation:
Minimum 1 acre revegetation crew time per area

Solution Collection Ditch Calculations

Use when existing heap material is not suitable drain rock
Assume to be constructed in existing solution channels
Assume 2H:1V ditch sideslopes
Drain rock assumed to be Gravel - Dry at 2,550 lb/cy (1,510 kg/m3) from CAT Handbook 35th Ed.

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Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
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Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach Pad - Drainage Channel Fill & Drainage Pipe Installation

		Drain Rock Placement								Drainpipe Installation					
	Description (required)	Drain Rock Volume cy	Drain Rock Fleet	Fleet Productivity LCY/hr	Number of Trucks/ Scrapers	Total Fleet Hours hrs	Drainage Labor Cost $	Drainage Equipment Cost $	Total Drainage Cost $	Piping Crew Hours hrs	Piping Labor Cost $	Piping Equipment Cost $	Piping Material Cost $	Total Pipe Installation Cost $	Total Drainage Cost $
1	**AGVLF - Mass Grading**	0				0	0	0	0	0	0	0	0	0	0
2	**AGVLF - Topsoil**	0				0	0	0	0	0	0	0	0	0	0
3	**AGVLF - Topsoil - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
4	**AGVLF - Topsoil - Lift 1**	0				0	0	0	0	0	0	0	0	0	0
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
6	**AGVLF - Topsoil - Lift 2**	0				0	0	0	0	0	0	0	0	0	0
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
8	**AGVLF - Topsoil - Lift 3**	0				0	0	0	0	0	0	0	0	0	0
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
10	**AGVLF - Topsoil - Lift 4**	0				0	0	0	0	0	0	0	0	0	0
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
12	**AGVLF - Topsoil - Lift 5**	0				0	0	0	0	0	0	0	0	0	0
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
14	**AGVLF - Topsoil - Lift 6**	0				0	0	0	0	0	0	0	0	0	0
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
16	**AGVLF - Topsoil - Lift 7**	0				0	0	0	0	0	0	0	0	0	0
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
18	**AGVLF - Topsoil - Lift 8**	0				0	0	0	0	0	0	0	0	0	0
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
20	**AGVLF - Topsoil - Lift 9**	0				0	0	0	0	0	0	0	0	0	0
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
22	**SGVLF - Mass Grading**	0				0	0	0	0	0	0	0	0	0	0
23	**SGVLF - Topsoil - Lift 1**	0				0	0	0	0	0	0	0	0	0	0
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
25	**SGVLF - Topsoil - Lift 2**	0				0	0	0	0	0	0	0	0	0	0
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
27	**SGVLF - Topsoil - Lift 3**	0				0	0	0	0	0	0	0	0	0	0
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
29	**SGVLF - Topsoil - Lift 4**	0				0	0	0	0	0	0	0	0	0	0
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
31	**SGVLF - Topsoil - Lift 5**	0				0	0	0	0	0	0	0	0	0	0
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
33	**SGVLF - Topsoil - Lift 6**	0				0	0	0	0	0	0	0	0	0	0
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
35	**SGVLF - Topsoil - Lift 7**	0				0	0	0	0	0	0	0	0	0	0
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
37	**SGVLF - Topsoil - Lift 8**	0				0	0	0	0	0	0	0	0	0	0
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
39	**SGVLF - Topsoil - Lift 9**	0				0	0	0	0	0	0	0	0	0	0
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
41	**SGVLF - Topsoil - Lift 10**	0				0	0	0	0	0	0	0	0	0	0
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
43	**SGVLF - Topsoil - Lift 11**	0				0	0	0	0	0	0	0	0	0	0
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
45	**SGVLF - Topsoil - Lift 12**	0				0	0	0	0	0	0	0	0	0	0
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
47	**SGVLF - Topsoil - Lift 13**	0				0	0	0	0	0	0	0	0	0	0
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**	0				0	0	0	0	0	0	0	0	0	0
		0				0	**0**	**0**	**0**		**0**	**0**	**0**	**0**	**0**

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
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Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach Pad - Regrading Costs

Productivity = Dozer Productivity x Grade Correction x Density Correction x Operator (0.75) x Material x Visibility x Job Efficiency (0.83) x (Slot/Side-by-Side) x (Altitude Deration)

	Description (required)	Regrading Volume cy	Dozing Distance (see above) ft	Regrading Fleet	Uncorrected Dozer Productivity cy/hr	Grade Correction	Dozing Material	Density Correction	Side-by-Side or Slot Dozing	Total Hourly Productivity cy/hr	Total Dozer Hours hr	Total Labor Cost $	Total Equipment Cost $	Total Regrading Cost $
1	**AGVLF - Mass Grading**	6,048,388	147	D10T2	1,107	1.6	1.0	0.85	1.2	1,125	5,376	391,910	1,907,459	2,299,369
2	**AGVLF - Topsoil**	0		**Select Fleet**							0			0
3	**AGVLF - Topsoil - Dozer Spreading**	25,997	257	D7E	260	1.6	1.2	1.44	1.0	443	59	4,301	6,228	10,529
4	**AGVLF - Topsoil - Lift 1**	0		**Select Fleet**							0			0
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	32,998	219	D7E	297	1.6	1.2	1.44	1.0	506	65	4,739	6,861	11,600
6	**AGVLF - Topsoil - Lift 2**	0		**Select Fleet**							0			0
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	42,869	206	D7E	313	1.6	1.2	1.44	1.0	533	80	5,832	8,445	14,277
8	**AGVLF - Topsoil - Lift 3**	0		**Select Fleet**							0			0
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	62,280	172	D7E	363	1.6	1.2	1.44	1.0	619	101	7,363	10,662	18,025
10	**AGVLF - Topsoil - Lift 4**	0		**Select Fleet**							0			0
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	63,390	302	D7E	227	1.6	1.2	1.44	1.0	387	164	11,956	17,312	29,268
12	**AGVLF - Topsoil - Lift 5**	0		**Select Fleet**							0			0
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	80,185	165	D7E	376	1.6	1.2	1.44	1.0	641	125	9,113	13,195	22,308
14	**AGVLF - Topsoil - Lift 6**	0		**Select Fleet**							0			0
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	107,526	194	D7E	329	1.6	1.2	1.44	1.0	561	192	13,997	20,268	34,265
16	**AGVLF - Topsoil - Lift 7**	0		**Select Fleet**							0			0
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	62,653	172	D7E	363	1.6	1.2	1.44	1.0	619	101	7,363	10,662	18,025
18	**AGVLF - Topsoil - Lift 8**	0		**Select Fleet**							0			0
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	44,511	292	D7E	234	1.6	1.2	1.44	1.0	399	112	8,165	11,823	19,988
20	**AGVLF - Topsoil - Lift 9**	0		**Select Fleet**							0			0
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	41,737	155	D7E	396	1.6	1.2	1.44	1.0	675	62	4,520	6,545	11,065
22	**SGVLF - Mass Grading**	3,982,293	146	D10T2	1,113	1.6	1.0	0.82	1.2	1,091	3,650	266,085	1,295,057	1,561,142
23	**SGVLF - Topsoil - Lift 1**	67,884	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	21,411	146	D7E	416	1.6	1.2	1.44	1.0	709	30	2,187	3,167	5,354
25	**SGVLF - Topsoil - Lift 2**	108,065	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	20,641	146	D7E	416	1.6	1.2	1.44	1.0	709	29	2,114	3,061	5,175
27	**SGVLF - Topsoil - Lift 3**	153,694	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	24,747	146	D7E	416	1.6	1.2	1.44	1.0	709	35	2,552	3,695	6,247
29	**SGVLF - Topsoil - Lift 4**	177,986	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	33,707	146	D7E	416	1.6	1.2	1.44	1.0	709	48	3,499	5,067	8,566
31	**SGVLF - Topsoil - Lift 5**	374,509	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	49,182	146	D7E	416	1.6	1.2	1.44	1.0	709	69	5,030	7,284	12,314
33	**SGVLF - Topsoil - Lift 6**	463,324	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	78,755	146	D7E	416	1.6	1.2	1.44	1.0	709	111	8,092	11,717	19,809
35	**SGVLF - Topsoil - Lift 7**	514,861	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	62,978	146	D7E	416	1.6	1.2	1.44	1.0	709	89	6,488	9,395	15,883
37	**SGVLF - Topsoil - Lift 8**	477,176	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	56,183	146	D7E	416	1.6	1.2	1.44	1.0	709	79	5,759	8,339	14,098
39	**SGVLF - Topsoil - Lift 9**	430,120	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	51,252	146	D7E	416	1.6	1.2	1.44	1.0	709	72	5,249	7,600	12,849
41	**SGVLF - Topsoil - Lift 10**	366,972	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	46,549	146	D7E	416	1.6	1.2	1.44	1.0	709	66	4,811	6,967	11,778
43	**SGVLF - Topsoil - Lift 11**	334,736	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	46,487	146	D7E	416	1.6	1.2	1.44	1.0	709	66	4,811	6,967	11,778
45	**SGVLF - Topsoil - Lift 12**	102,463	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	35,364	146	D7E	416	1.6	1.2	1.44	1.0	709	50	3,645	5,278	8,923
47	**SGVLF - Topsoil - Lift 13**	76,389	146	**Select Fleet**	**Select Fleet**	1.6	**Dozing Material!**	**Material Type!**	1.0	**Select Fleet**	0		0	0
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**	25,814	146	D7E	416	1.6	1.2	1.44	1.0	709	36	2,624	3,800	6,424
		14,796,076									10,867	**792,205**	**3,396,854**	**4,189,059**

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Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
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Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach - Cover 1 Costs

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**AGVLF - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**AGVLF - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**AGVLF - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
4	**AGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
6	**AGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
8	**AGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
10	**AGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
12	**AGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
14	**AGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
16	**AGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
18	**AGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
20	**AGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
22	**SGVLF - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
23	**SGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
25	**SGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
27	**SGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
29	**SGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
31	**SGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
33	**SGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
35	**SGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
37	**SGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
39	**SGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
41	**SGVLF - Topsoil - Lift 10**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
43	**SGVLF - Topsoil - Lift 11**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
45	**SGVLF - Topsoil - Lift 12**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
47	**SGVLF - Topsoil - Lift 13**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach - Cover 2 Costs

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**AGVLF - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**AGVLF - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**AGVLF - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
4	**AGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
6	**AGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
8	**AGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
10	**AGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
12	**AGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
14	**AGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
16	**AGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
18	**AGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
20	**AGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
22	**SGVLF - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
23	**SGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
25	**SGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
27	**SGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
29	**SGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
31	**SGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
33	**SGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
35	**SGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
37	**SGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
39	**SGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
41	**SGVLF - Topsoil - Lift 10**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
43	**SGVLF - Topsoil - Lift 11**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
45	**SGVLF - Topsoil - Lift 12**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
47	**SGVLF - Topsoil - Lift 13**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach - Growth Media Costs

		Growth Media Placement								
	Description (required)	Final Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity BCY/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $
1	**AGVLF - Mass Grading**						0	0	0	0
2	**AGVLF - Topsoil**	28,177	777G/992K/D10T2	5.77	2	1,150	25	5,858	44,716	50,574
3	**AGVLF - Topsoil - Dozer Spreading**						0	0	0	0
4	**AGVLF - Topsoil - Lift 1**	23,224	777G/992K/D10T2	6.87	2	966	24	5,623	42,927	48,550
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**						0	0	0	0
6	**AGVLF - Topsoil - Lift 2**	31,041	777G/992K/D10T2	6.55	2	1,013	31	7,263	55,448	62,711
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
8	**AGVLF - Topsoil - Lift 3**	41,704	777G/992K/D10T2	8.47	3	1,175	36	10,008	80,251	90,259
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
10	**AGVLF - Topsoil - Lift 4**	59,508	777G/992K/D10T2	11.72	4	1,132	53	17,051	141,498	158,549
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
12	**AGVLF - Topsoil - Lift 5**	62,234	777G/992K/D10T2	14.74	5	1,125	55	20,099	171,069	191,168
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
14	**AGVLF - Topsoil - Lift 6**	79,021	777G/992K/D10T2	16.51	6	1,205	66	27,003	234,360	261,363
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0
16	**AGVLF - Topsoil - Lift 7**	106,367	777G/992K/D10T2	18.92	7	1,226	87	39,398	347,259	386,657
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**						0	0	0	0
18	**AGVLF - Topsoil - Lift 8**	59,879	777G/992K/D10T2	8.81	3	1,130	53	14,735	118,148	132,883
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**						0	0	0	0
20	**AGVLF - Topsoil - Lift 9**	43,342	777G/992K/D10T2	7.34	2	903	48	11,246	85,854	97,100
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**						0	0	0	0
22	**SGVLF - Mass Grading**						0	0	0	0
23	**SGVLF - Topsoil - Lift 1**	15,069	777G/992K/D10T2	10.43	3	954	16	4,448	35,667	40,115
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**						0	0	0	0
25	**SGVLF - Topsoil - Lift 2**	14,294	777G/992K/D10T2	8.19	3	1,215	12	3,336	26,750	30,086
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
27	**SGVLF - Topsoil - Lift 3**	18,408	777G/992K/D10T2	7.36	2	901	21	4,920	37,561	42,481
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
29	**SGVLF - Topsoil - Lift 4**	27,362	777G/992K/D10T2	6.53	2	1,016	27	6,326	48,293	54,619
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
31	**SGVLF - Topsoil - Lift 5**	42,834	777G/992K/D10T2	6.33	2	1,047	41	9,606	73,334	82,940
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
33	**SGVLF - Topsoil - Lift 6**	72,407	777G/992K/D10T2	8.86	3	1,123	64	17,793	142,669	160,462
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0
35	**SGVLF - Topsoil - Lift 7**	56,636	777G/992K/D10T2	8.96	3	1,111	51	14,179	113,689	127,868
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**						0	0	0	0
37	**SGVLF - Topsoil - Lift 8**	49,836	777G/992K/D10T2	11.22	4	1,182	42	13,512	112,130	125,642
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**						0	0	0	0
39	**SGVLF - Topsoil - Lift 9**	44,915	777G/992K/D10T2	12.65	4	1,049	43	13,834	114,800	128,634
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**						0	0	0	0
41	**SGVLF - Topsoil - Lift 10**	40,205	777G/992K/D10T2	15.38	5	1,079	37	13,521	115,083	128,604
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**						0	0	0	0
43	**SGVLF - Topsoil - Lift 11**	40,148	777G/992K/D10T2	16.42	6	1,210	33	13,502	117,180	130,682
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**						0	0	0	0
45	**SGVLF - Topsoil - Lift 12**	29,016	777G/992K/D10T2	17.39	6	1,145	26	10,638	92,324	102,962
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**						0	0	0	0
47	**SGVLF - Topsoil - Lift 13**	19,473	777G/992K/D10T2	19.38	7	1,197	16	7,246	63,864	71,110
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**						0	0	0	0
		1,005,100					907	**291,145**	**2,414,874**	**2,706,019**

Closure Cost Estimate
Heap Leach

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	792,205	3,396,854	N/A	4,189,059
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	291,145	2,414,874	N/A	2,706,019
Ripping/Scarifying Cost	90,470	130,999	N/A	221,469
Subtotal Earthworks	**1,173,820**	**5,942,727**	**0**	**7,116,547**
Revegetation Cost	181,485	66,098	1,489,998	1,737,581
TOTALS	**1,355,305**	**6,008,825**	**1,489,998**	**8,854,128**

Heap Leach - Scarify/Revegetation Costs

										Scarifying Costs			Regegetation Costs			
	Description (required)	Slope Area acres	Flat Area acres	Total Surface Area acres	Final Slope Length ft	Average Long Dimension (ripping distance) ft	Ripping/ Scarifying Fleet	Slope Scarifying/ Ripping Hours hrs	Flat Area Scarifying/ Ripping Hours hrs	Scarifying/ Ripping Labor Costs $	Scarifying/ Ripping Equipment Cost $	Total Scarifying/ Ripping Costs $	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revegetation Material Cost $	Total Revegetation Cost $
1	**AGVLF - Mass Grading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
2	**AGVLF - Topsoil**	2.18	32.75	34.93	474	#REF!	D7E	2	34	2,624	3,800	6,424	5,088	1,853	41,770	48,711
3	**AGVLF - Topsoil - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
4	**AGVLF - Topsoil - Lift 1**	28.79	0.00	28.79	404	#REF!	D7E	29	0	2,114	3,061	5,175	4,193	1,527	34,428	40,148
5	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	0.10	0.00	0.10		#REF!		0	0	0	0	0	0	0	0	0
6	**AGVLF - Topsoil - Lift 2**	37.47	1.01	38.48	380	#REF!	D7E	37	1	2,770	4,011	6,781	5,605	2,042	46,015	53,662
7	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
8	**AGVLF - Topsoil - Lift 3**	39.20	12.50	51.70	318	355	D7E	39	13	3,791	5,489	9,280	7,531	2,742	61,826	72,099
9	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
10	**AGVLF - Topsoil - Lift 4**	73.77	0.00	73.77	557	415	D7E	73	0	5,322	7,706	13,028	10,745	3,913	88,217	102,875
11	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
12	**AGVLF - Topsoil - Lift 5**	51.59	25.56	77.15	304	465	D7E	50	26	5,540	8,023	13,563	11,237	4,093	92,258	107,588
13	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
14	**AGVLF - Topsoil - Lift 6**	62.44	35.52	97.96	358	685	D7E	61	36	7,071	10,239	17,310	14,269	5,196	117,144	136,609
15	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
16	**AGVLF - Topsoil - Lift 7**	10.95	120.91	131.86	318	700	D7E	11	122	9,696	14,039	23,735	19,206	6,995	157,682	183,883
17	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
18	**AGVLF - Topsoil - Lift 8**	74.23	0.00	74.23	539	415	D7E	73	0	5,322	7,706	13,028	10,812	3,938	88,766	103,516
19	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
20	**AGVLF - Topsoil - Lift 9**	29.89	23.84	53.73	285	415	D7E	29	25	3,937	5,700	9,637	7,826	2,851	64,252	74,929
21	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
22	**SGVLF - Mass Grading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
23	**SGVLF - Topsoil - Lift 1**	8.23	10.45	18.68	269	245	D7E	8	11	1,385	2,006	3,391	2,721	991	22,338	26,050
24	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
25	**SGVLF - Topsoil - Lift 2**	13.10	4.62	17.72	269	245	D7E	13	5	1,312	1,900	3,212	2,581	940	21,190	24,711
26	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
27	**SGVLF - Topsoil - Lift 3**	18.64	4.18	22.82	269	#REF!	D7E	18	4	1,604	2,322	3,926	3,324	1,211	27,290	31,825
28	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
29	**SGVLF - Topsoil - Lift 4**	21.58	12.34	33.92	269	245	D7E	21	13	2,479	3,589	6,068	4,940	1,800	40,564	47,304
30	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
31	**SGVLF - Topsoil - Lift 5**	45.41	7.69	53.10	269	245	D7E	44	8	3,791	5,489	9,280	7,734	2,817	63,497	74,048
32	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
33	**SGVLF - Topsoil - Lift 6**	56.18	33.58	89.76	269	245	D7E	55	36	6,634	9,606	16,240	13,074	4,761	107,339	125,174
34	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
35	**SGVLF - Topsoil - Lift 7**	62.43	7.78	70.21	269	245	D7E	61	8	5,030	7,284	12,314	10,226	3,725	83,959	97,910
36	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
37	**SGVLF - Topsoil - Lift 8**	57.86	3.92	61.78	269	245	D7E	56	4	4,374	6,334	10,708	8,999	3,277	73,879	86,155
38	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
39	**SGVLF - Topsoil - Lift 9**	52.16	3.52	55.68	269	245	D7E	51	4	4,010	5,806	9,816	8,110	2,954	66,584	77,648
40	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
41	**SGVLF - Topsoil - Lift 10**	44.50	5.34	49.84	269	245	D7E	43	6	3,572	5,172	8,744	7,260	2,644	59,601	69,505
42	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
43	**SGVLF - Topsoil - Lift 11**	40.59	9.18	49.77	269	245	D7E	39	10	3,572	5,172	8,744	7,249	2,640	59,517	69,406
44	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
45	**SGVLF - Topsoil - Lift 12**	12.42	23.55	35.97	269	245	D7E	12	25	2,697	3,906	6,603	5,239	1,908	43,014	50,161
46	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
47	**SGVLF - Topsoil - Lift 13**	9.26	14.88	24.14	269	245	D7E	9	16	1,823	2,639	4,462	3,516	1,280	28,868	33,664
48	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
		855.37	393.12	1,248.49				834	407	**90,470**	**130,999**	**221,469**	**181,485**	**66,098**	**1,489,998**	**1,737,581**

Notes: 1) Minimum total ripping hours = 1 (i.e. If total ripping hrs (slope + flat) < 1, then one hour of fleet time is assumed, regardless of acres shown in in scarifying table.)
2) Assumes 50 min/hr equipment availability

Closure Cost Estimate
Process Ponds

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Process Ponds - ARO Cost Summary

	Labor $	Equipment $	Materials $	Markup $	Totals $
Liner Cutting & Folding Costs	59,742	28,809	N/A	N/A	88,551
Backfill 1 Costs	103,976	334,367	N/A	N/A	438,343
Backfill 2 Costs	0	0	N/A	N/A	0
Growth Media Placement Costs	5,838	18,774	N/A	N/A	24,612
Subtotal Earthworks	**169,556**	**381,950**	**0**		**551,506**
Revegetation Costs	1,806	657	13,874	N/A	16,337
Evaporation/Evapotranspiration Cell Lining	0	0	0	0	0
Evaporation/Evapotranspiration Cell Piping	0	0	0	0	0
Subtotal Evaporation/Evapotranspiration Cells	**0**	**0**	**0**	**0**	**0**
TOTALS	**171,362**	**382,607**	**13,874**	**0**	**567,843**

Process Ponds - User Input

You must fill in ALL green cells and relevant blue cells in this section for each pond

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Pond Length ft	Pond Width ft	Pond Depth ft	Pond Sideslope Angle _H:1V	Disturbed Area (if calculated elsewhere) acres	Percent Backfill (0% if blank)	Distance to Placement (2)(3) ft	Slope to Placement Location % grade	Volume (if calculated elsewhere) cy	Percent Backfill (0% if blank)	Distance to Placement (2) ft	Slope to Placement Location % grade	Volume (if calculated elsewhere) cy	Growth Media Thickness in	Distance to Placement ft	Slope to Placement Location % grade	Volume (if calculated elsewhere) cy
			Facility Description						Pond Dimensions (1)					Backfill 1				Backfill 2				Growth Media			
1	**EMP ponds**		**2009**	**Non-Process Ponds & Reservoirs**				**ARO+LOM+FA**	**1000**	**247**	**10.3**	**3.0**		**100%**	**4,600**	**0.0**						**6**	**4,600**	**0.0**	
2	**Crusher fuel island fresh water pond**		**2009**	**Non-Process Ponds & Reservoirs**				**ARO+LOM+FA**	**100**	**100**	**4.5**	**3.0**		**100%**	**4,600**	**0.0**						**6**	**4,600**	**0.0**	
3	**Arequa external ponds**		**2009**	**Non-Process Ponds & Reservoirs**				**ARO+LOM+FA**	**1000**	**250**	**11.0**	**3.0**		**100%**	**4,600**	**0.0**						**6**	**4,600**	**0.0**	

Notes:
1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. Input distance from crusher to placement location if material to be crushed, screened or compacted
3. If pond will be filled by pushing berm into pond with bulldozer, enter 0 for Distance to Placement. Volume will be adjusted to 50% of the percent backfill to account for cut-to-fill pond construction. Dozer push distance assumed to be 2/3 the width of the pond.
4. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivity Sheet)

Process Ponds - User Input (Cont.)

	Description (required)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope to Crusher % grade	Haul to Crusher Fleet (select)	Compact After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope to Crusher % grade	Haul to Crusher Fleet (select)	Compact After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)
		Backfill 1 - Crushing & Screening									Backfill 2 - Crushing & Screening								
1	**EMP ponds**	**No**	**No**																
2	**Crusher fuel island fresh water pond**	**No**	**No**																
3	**Arequa external ponds**	**No**	**No**																

Notes:
1. Input distance from crusher to placement location if material to be crushed, screened or compacted
2. if distance from borrow <820 ft (250 m) must select loader fleet

Process Ponds - User Input (Cont.)

	Description (required)	Crew Cut & Fold Time (2) hrs	Backfill Material Type (select)	Backfill Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Backfill Material Type (select)	Backfill Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Seed Mix (select)	Mulch (select)	Fertilizer (select)
		Remove Liner	Backfill 1				Backfill 2				Growth Media				Revegetation		
1	**EMP ponds**	**179.0**	**Alluvium**	**Med Truck**							**Topsoil**	**Med Truck**			**User Mix 1**	**Hydro Mulch**	**Chemical**
2	**Crusher fuel island fresh water pond**	**3.0**	**Alluvium**	**Med Truck**							**Topsoil**	**Med Truck**			**User Mix 1**	**Hydro Mulch**	**Chemical**
3	**Arequa external ponds**	**192.0**	**Alluvium**	**Med Truck**							**Topsoil**	**Med Truck**			**User Mix 1**	**Hydro Mulch**	**Chemical**

Notes:
1. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table
(2) Pond liner removal crew (2Clab + excavator) = 2 General Laborers + 325C Excavator

Process Ponds - User Input (Cont.)

	Description (required)	Add/Replace Liner (1) (select)	Liner Thickness (select)	Install Leak Detection/ Recovery System (select)	Add/Replace Geonet (select)	Number of Geotextile Layer(s)	Drain pipe spacing in cell (3) ft	Pipe Size (select)	Total Length of Cell Pipe ft	Additional Pipe Between Facility and Cell ft	Pipe Size (select)	Length of Drainfield Pipe ft	Pipe Size (select)	Mark up (4) %
		E/ET-Cell Construction												
1	**EMP ponds**													
2	**Crusher fuel island fresh water pond**													
3	**Arequa external ponds**													

Notes:
1. If single liner is installed, no drainage layer is included. If liner is repaired, assumes 10% of liner surface area is replaced.
2. Geomembrane layers are in addition to any required liner installation.
3. Spacing between drainpipes used to distribute water in E/ET-cell
4. Premium for misc. costs (e.g. ,inflow sampling port, low distribution box, drain rock and geotextile for draindown distribution system, dosing tank (where required), backfill monitoring port, transducer and telemetry (where required), LCRS sump construction)

Closure Cost Estimate
Process Ponds

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Process Ponds - ARO Cost Summary

	Labor $	Equipment $	Materials $	Markup $	Totals $
Liner Cutting & Folding Costs	59,742	28,809	N/A	N/A	88,551
Backfill 1 Costs	103,976	334,367	N/A	N/A	438,343
Backfill 2 Costs	0	0	N/A	N/A	0
Growth Media Placement Costs	5,838	18,774	N/A	N/A	24,612
Subtotal Earthworks	**169,556**	**381,950**	**0**		**551,506**
Revegetation Costs	1,806	657	13,874	N/A	16,337
Evaporation/Evapotranspiration Cell Lining	0	0	0	0	0
Evaporation/Evapotranspiration Cell Piping	0	0	0	0	0
Subtotal Evaporation/Evapotranspiration Cells	**0**	**0**	**0**	**0**	**0**
TOTALS	**171,362**	**382,607**	**13,874**	**0**	**567,843**

Process Ponds - Assumptions & Calculations

Revegetation Calculations

Minimum 1 acre revegetation crew time per area

Evaporation/Evapotranspiration

Distribution header pipe assumed to be length of pond
Area of additional geosynthetic layers assumed to be
Minimum 1 acre revegetation crew time per area
Minimum 1 acre revegetation crew time per area

Process Ponds - Liner Removal Costs

	Description (required)	Crew Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Cover Cost $
1	**EMP ponds**	179	28,593	13,788	42,381
2	**Crusher fuel island fresh water pond**	3	479	231	710
3	**Arequa external ponds**	192	30,670	14,790	45,460
		374	**59,742**	**28,809**	**88,551**

Process Ponds - Backfill 1 Costs

		Material Volumes		Haul to Crusher					Backfill Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume (1,2) cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**EMP ponds**	0	79,719					0	740C/988K/D8T	8.87	3	446	179	0	0	0	0	0	0	0	49,764	160,031	209,795	209,795
2	**Crusher fuel island fresh water pond**	0	1,257					0	740C/988K/D8T	8.87	3	446	3	0	0	0	0	0	0	0	834	2,682	3,516	3,516
3	**Arequa external ponds**	0	85,438					0	740C/988K/D8T	8.87	3	446	192	0	0	0	0	0	0	0	53,378	171,654	225,032	225,032
		0	166,414					0					374	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**103,976**	**334,367**	**438,343**	**438,343**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)
2. If pond backfilled by dozing berm into pond, backfill volume will be 50% of the backfill volume to account for cut-to-fit construction

Process Ponds - Backfill 2 Costs

		Material Volumes		Haul to Crusher					Backfill Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**EMP ponds**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**Crusher fuel island fresh water pond**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**Arequa external ponds**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)
2. If pond backfilled by dozing berm into pond, backfill volume will be 50% of the backfill volume to account for cut-to-fit construction

Process Ponds - Growth Media Costs

		Growth Media Placement								
	Description (required)	Final Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity BCY/hr	hrs	Labor Cost $	Equipment Cost $	Total Cost $
1	**EMP ponds**	4,572	740C/988K/D8T	8.87	3	446	10	2,780	8,940	11,720
2	**Crusher fuel island fresh water pond**	186	740C/988K/D8T	8.87	3	446	0	278	894	1,172
3	**Arequa external ponds**	4,637	740C/988K/D8T	8.87	3	446	10	2,780	8,940	11,720
		9,395					20	**5,838**	**18,774**	**24,612**

Process Ponds - Revegetation Costs

	Description (required)	Surface Area acres	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revgetation Material Cost $	Total Revegetation Cost $
1	**EMP ponds**	5.70	830	302	6,817	7,949
2	**Crusher fuel island fresh water pond**	0.20	146	53	240	439
3	**Arequa external ponds**	5.70	830	302	6,817	7,949
		11.60	**1,806**	**657**	**13,874**	**16,337**

Process Ponds - Evaporation/Evapotranspiration Cell Liners

		Liner Repair					Other Geosynthetics					Totals		
	Description (required)	Surface Area ft2	Material Costs $	Labor Cost $	Equipment Cost $	Total Liner Cost $	Surface Area ft2	Material Costs $	Labor Cost $	Equipment Cost $	Total Geosynthetic Cost $	Subtotal $	Markup $	Total Cost $
1	**EMP ponds**	0	0	0	0	0	0	0	0	0	0	0	0	0
2	**Crusher fuel island fresh water pond**	0	0	0	0	0	0	0	0	0	0	0	0	0
3	**Arequa external ponds**	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	**0**	**0**	**0**	**0**	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Process Ponds - Evaporation/Evapotranspiration Cell Piping

		Cell Piping					Connector Piping					Drainfield Piping					Totals		
	Description (required)	Total Cell Pipe Length (1) ft	Material Costs $	Labor Cost $	Equipment Cost $	Total Cost $	Total Connector Pipe Length (1) ft	Material Costs $	Labor Cost $	Equipment Cost $	Total Cost $	Total Drainfield Pipe Length ft	Material Costs $	Labor Cost $	Equipment Cost $	Total Cost $	Subtotal $	Markup $	Total Cost $
1	**EMP ponds**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	**Crusher fuel island fresh water pond**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	**Arequa external ponds**	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	**0**	**0**	**0**	**0**	0	**0**	**0**	**0**	**0**	0	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Closure Cost Estimate
Yards, Etc.

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Yards, Etc. - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Regrading Cost	0	0	N/A	0
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	112,485	162,879	N/A	275,364
Subtotal Earthworks	**112,485**	**162,879**		**275,364**
Revegetation Cost	225,738	82,209	1,853,297	2,161,244
TOTALS	**338,223**	**245,088**	**1,853,297**	**2,436,608**

Yards, Etc. - User Input

You must fill in ALL green cells and relevant blue cells in this section for each building or facility

	Facility Description								Physical			Cover 1			Cover 2			Growth Media		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Area acres	Average Flat Area Long Dimension (ripping distance) ft	Regrade Volume (calculated elsewhere) cy	Cover Thickness in	Haul Distance to Placement Location (2) ft	Slope to Placement Location % grade	Cover Thickness in	Haul Distance to Placement Location (2) ft	Slope to Placement Location % grade	Growth Media Thickness in	Haul Distance to Placement ft	Slope to Placement Location % grade
1	**Ancillary areas**		**2009**	**Facilities Demolition**				**ARO+LOM+FA**	**1431.00**	**4,000**								**6**	**2,000**	**-5.0**
2	**Growth Media piles**		**2009**	**Facilities Demolition**				**ARO+LOM+FA**	**118.80**	**200**										

Notes:
1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. Input distance from crusher to placement location if material to be crushed, screened or compacted
3. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivity Sheet)

Yards, Etc. - User Input (Cont.)

	Facility Description	Cover 1 - Crushing & Screening									Cover 2 - Crushing & Screening								
	Description (required)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope from Cover Borrow % grade	Haul to Crusher Fleet (2) (select)	Compact After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Crush Material (select)	Screen Material (select)	Loss to Crushing/ Screening %	Haul Distance to Crusher (1) ft	Slope from Cover Borrow % grade	Haul to Crusher Fleet (2) (select)	Compact After Placement? (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)
1	**Ancillary areas**																		
2	**Growth Media piles**																		

Notes:
1. Input distance to crusher if material to be crushed
2. if distance from borrow <820 ft (250 m) must select loader fleet

Yards, Etc. - User Input (Cont.)

You must fill in ALL green cells and relevant blue cells in this section for each building or facility

		Grading			Cover 1				Cover 2				Growth Media				Revegetation				
	Description (required)	Dozing Material Condition (select)	Dozing Material Type (select)	Grading Equipment Fleet (select)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Seed Mix (select)	Mulch (select)	Fertilizer (select)	Scarify/ Rip? (select)	Ripping Fleet (select)
1	**Ancillary areas**	**1**	**Granite - broken**	**Large**													**User Mix 1**	**Hydro Mulch**	**Chemical**	**Yes**	**Small Dozer**
2	**Growth Media piles**																**User Mix 1**	**Hydro Mulch**	**Chemical**	**Yes**	**Small Dozer**

Notes:
1. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Yards, Etc. - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Regrading Cost	0	0	N/A	0
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	112,485	162,879	N/A	275,364
Subtotal Earthworks	**112,485**	**162,879**		**275,364**
Revegetation Cost	225,738	82,209	1,853,297	2,161,244
TOTALS	**338,223**	**245,088**	**1,853,297**	**2,436,608**

Yards, Etc. - Assumptions & Calculations

Grading Calculations

Average push distance assumed to be 2/3 of the 600 feet maximum from Catepillar Handbook or 400 feet
Material assumed to be loose stockile (1.2 productivity factor)
Slope assumed to be 0 to 5% (1.0 productivity factor)

Cover Volume Calculation

Yard area x cover thickness

Ripping/Scarifying Calculations

Flat area width = Final flat area ÷ Average long dimensions
Number of passes = Flat area width ÷ Grader width
Travel distance = Number of passes x Average long dimensions
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)
Minimum 1 hr ripping/scarifying per area

Revegetation

Minimum 1 acre revegetation crew time per area

Yards, Etc. - Regrading Costs

Productivity = Dozer Productivity x Grade Correction x Density Correction x Operator (0.75) x Material x Visibility x Job Efficiency (0.83) x (Slot/Side-by-Side)

	Description (required)	Regrading Volume cy	Dozing Distance (see above) ft	Regrading Fleet	Uncorrected Dozer Productivity cy/hr	Grade Correction	Dozing Material	Density Correction	Total Hourly Productivity cy/hr	Total Dozer Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Regrading Cost $
1	**Ancillary areas**			D10T2						0	0	0	0
2	**Growth Media piles**			Select Fleet						0	0	0	0
		0								0	**0**	**0**	**0**

Yards, Etc. - Cover 1 Costs

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**Ancillary areas**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**Growth Media piles**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)

Yards, Etc. - Cover 2 Costs

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCM/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**Ancillary areas**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**Growth Media piles**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
		0	0					0					0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:
1. If crushed or screened, Cover Volume = volume delivered to crusher - amount loss to crushing/screening)

Yards, Etc. - Growth Media Costs

		Growth Media Placement								
	Description (required)	Final Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity BCY/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $
1	**Ancillary areas**	1,154,340	Select Material	Select Material	Select Material	Select Material	Select Material	0	0	0
2	**Growth Media piles**						0	0	0	0
		1,154,340					0	**0**	**0**	**0**

Yards, Etc. - Scarify/Revegetation Costs

						Scarifying Costs			Regegetation Costs			
	Description (required)	Total Surface Area acres	Average Long Dimension (ripping distance) ft	Ripping/Scarifying Fleet	Scarifying/ Ripping Hours hrs	Scarifying/ Ripping Labor Costs $	Scarifying/ Ripping Equipment Cost $	Total Scarifying/ Ripping Costs $	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revegetation Material Cost $	Total Revegetation Cost $
1	**Ancillary areas**	1431.00	4,000	D7E	1,414	103,081	149,262	252,343	208,434	75,907	1,711,232	1,995,573
2	**Growth Media piles**	118.80	200	D7E	129	9,404	13,617	23,021	17,304	6,302	142,065	165,671
		1,549.80			1,543	**112,485**	**162,879**	**275,364**	**225,738**	**82,209**	**1,853,297**	**2,161,244**

Notes: 1) Minimum total ripping hours = 1 (i.e. If total ripping hrs (slope + flat) < 1, then one hour of fleet time is assumed, regardless of acres shown in in scarifying table.)
2) Assumes 50 min/hr equipment availability

Closure Cost Estimate
Haul Material

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Generic Material Hauling - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Hauling/Crush/Screen/Compact	3,607,030	36,372,450	N/A	39,979,480
Cover Placement Cost	0	0	N/A	0
Topsoil Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	0	0	N/A	0
Subtotal Earthworks	**3,607,030**	**36,372,450**		**39,979,480**
Revegetation Cost	0	0	0	0
TOTALS	**3,607,030**	**36,372,450**	**0**	**39,979,480**

Generic Material Hauling - User Input

	Facility Description								Physical			Haul to Crusher		Crushing & Screening			Haul to Placement		Cover Thickness			Growth Media		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Final Surface Area acres	Average Ripping Distance ft	Material Volume Required cy	Haul Distance to Crusher (1) ft	Slope to Crusher % grade	Crush Material	Screen Material	Loss to Crushing/ Screening %	Haul Distance to Placement Location (2) ft	Slope to Placement Area % grade	Cover Thickness in	Haul Distance to Placement Location ft	Slope to Placement Location % grade	Growth Media Thickness in	Haul Distance to Placement Location ft	Slope to Placement Location % grade
1	**AGVLF - 9400**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			340,405						4,374	8.2						
2	**AGVLF - 9500**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			437,763						3,782	5.8						
3	**AGVLF - 9600**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			669,112						2,074	3.9						
4	**AGVLF - 9700**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			924,083						1,628	-4.9						
5	**AGVLF - 9800**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			511,553						3,194	-7.5						
6	**AGVLF - 9900**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			291,740						4,981	-8.8						
7	**AGVLF - 10000**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			84,553						6,981	-8.6						
8	**AGVLF - 9920**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			6,599,307						4,606	5.2						
9	**AGVLF - 10020**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			4,040,912						4,269	2.3						
10	**AGVLF - 10100**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			3,919,057						1,495	-4.0						
11	**AGVLF - 10190**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			3,562,003						3,784	-6.6						
12	**AGVLF - 10280**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA			3,477,782						6,052	-7.6						
13	**Remove ROM**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	1.68		12,587						1,126	2.0						
14	**Remove DCF and Liner**		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	1.68		12,587						1,126	2.0						
15	**Cresson underground portal backfill**		2009	Portals / Adits Underground Mines				ARO+LOM+FA	0.00		0						9,300	10.0						

Notes:
1. Input distance to crusher if material to be crushed
2. Assumed to be 0% if material will be crushed and source is within 250 m of crusher
3. If Slope is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivity Sheet)

Generic Material Hauling - User Input (cont.)

		Hauling Material								Cover				Growth Media				Revegetation				
	Description (required)	Haul Material Type (select)	Crusher Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Placement Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Compact After Placement?	Material Type (select)	Placement Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Material Type (select)	Placement Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Seed Mix (select)	Mulch Type (select)	Fertilizer Type (select)	Scarify/ Rip? (select)	Scarifying/ Ripping Fleet (select)
1	**AGVLF - 9400**	Granite - broken				XLarge Truck			No													
2	**AGVLF - 9500**	Granite - broken				XLarge Truck			No													
3	**AGVLF - 9600**	Granite - broken				XLarge Truck			No													
4	**AGVLF - 9700**	Granite - broken				XLarge Truck			No													
5	**AGVLF - 9800**	Granite - broken				XLarge Truck			No													
6	**AGVLF - 9900**	Granite - broken				XLarge Truck			No													
7	**AGVLF - 10000**	Granite - broken				XLarge Truck			No													
8	**AGVLF - 9920**	Granite - broken				XLarge Truck			No													
9	**AGVLF - 10020**	Granite - broken				XLarge Truck			No													
10	**AGVLF - 10100**	Granite - broken				XLarge Truck			No													
11	**AGVLF - 10190**	Granite - broken				XLarge Truck			No													
12	**AGVLF - 10280**	Granite - broken				XLarge Truck			No													
13	**Remove ROM**	Granite - broken				XLarge Truck			No													
14	**Remove DCF and Liner**	Granite - broken				XLarge Truck			No													
15	**Cresson underground portal backfill**	Granite - broken				Med Truck			No													

Notes:
1. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table
2. If distance betweem borrow source is <250 m, haul fleet assumed be wheeled loaders

Generic Material Hauling - Load, Haul, Place and Grade

		Material Volumes		Haul to Crusher					Haul to Placement					Haul to Crusher			Crush	Compact			Haul to Placement			Total
	Description (required)	Material Volume to Crusher cy	Final Material Volume cy	Crusher Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCY/hr	Fleet Hours hrs	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCY/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $	Total Crush/ Screen Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Labor Cost $	Equipment Cost $	Total Cost $	Total Cover Cost $
1	**AGVLF - 9400**		340,405					0	793F/994K/D10T2	13.46	2	1,491	228	0	0	0	0	0	0	0	53,420	530,786	584,206	584,206
2	**AGVLF - 9500**		437,763					0	793F/994K/D10T2	11.75	2	1,708	256	0	0	0	0	0	0	0	59,981	595,971	655,952	655,952
3	**AGVLF - 9600**		669,112					0	793F/994K/D10T2	9.74	2	2,060	325	0	0	0	0	0	0	0	76,148	756,603	832,751	832,751
4	**AGVLF - 9700**		924,083					0	793F/994K/D10T2	10.41	2	1,927	480	0	0	0	0	0	0	0	112,464	1,117,445	1,229,909	1,229,909
5	**AGVLF - 9800**		511,553					0	793F/994K/D10T2	14.32	2	1,401	365	0	0	0	0	0	0	0	85,520	849,724	935,244	935,244
6	**AGVLF - 9900**		291,740					0	793F/994K/D10T2	17.72	2	1,132	258	0	0	0	0	0	0	0	60,449	600,627	661,076	661,076
7	**AGVLF - 10000**		84,553					0	793F/994K/D10T2	21.53	3	1,399	60	0	0	0	0	0	0	0	16,681	179,392	196,073	196,073
8	**AGVLF - 9920**		6,599,307					0	793F/994K/D10T2	12.09	2	1,660	3,975	0	0	0	0	0	0	0	931,343	9,253,840	10,185,183	10,185,183
9	**AGVLF - 10020**		4,040,912					0	793F/994K/D10T2	11.50	2	1,821	2,219	0	0	0	0	0	0	0	519,912	5,165,854	5,685,766	5,685,766
10	**AGVLF - 10100**		3,919,057					0	793F/994K/D10T2	10.23	2	1,962	1,997	0	0	0	0	0	0	0	467,897	4,649,036	5,116,933	5,116,933
11	**AGVLF - 10190**		3,562,003					0	793F/994K/D10T2	14.09	2	1,424	2,501	0	0	0	0	0	0	0	585,984	5,822,353	6,408,337	6,408,337
12	**AGVLF - 10280**		3,477,782					0	793F/994K/D10T2	19.75	3	1,524	2,282	0	0	0	0	0	0	0	634,419	6,822,883	7,457,302	7,457,302
13	**Remove ROM**		12,587					0	793F/994K/D10T2	8.98	2	2,234	6	0	0	0	0	0	0	0	1,406	13,968	15,374	15,374
14	**Remove DCF and Liner**		12,587					0	793F/994K/D10T2	8.98	2	2,234	6	0	0	0	0	0	0	0	1,406	13,968	15,374	15,374
15	**Cresson underground portal backfill**	0	0					0				552	0	0	0	0	0	0	0	0	0	0	0	0
		0	24,883,444					0					14,958	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3,607,030**	**36,372,450**	**39,979,480**	**39,979,480**

Notes: Final Material Volume includes allowance for additional material hauled to crushing/screening plant based on Loss to Crushing/Screening input above.

Generic Material Hauling - Cover and Growth Media Costs

		Cover Placement									Growth Media Placement								
	Description (required)	Final Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCY/hr	Fleet Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Cover Placement Cost $	Final Material Volume cy	Placement Fleet	Cycle Time min	No. of Trucks/ Scrapers	Fleet Productivity LCY/hr	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Total Cost $
1	**AGVLF - 9400**						0	0	0	0							0	0	0
2	**AGVLF - 9500**						0	0	0	0							0	0	0
3	**AGVLF - 9600**						0	0	0	0							0	0	0
4	**AGVLF - 9700**						0	0	0	0							0	0	0
5	**AGVLF - 9800**						0	0	0	0							0	0	0
6	**AGVLF - 9900**						0	0	0	0							0	0	0
7	**AGVLF - 10000**						0	0	0	0							0	0	0
8	**AGVLF - 9920**						0	0	0	0							0	0	0
9	**AGVLF - 10020**						0	0	0	0							0	0	0
10	**AGVLF - 10100**						0	0	0	0							0	0	0
11	**AGVLF - 10190**						0	0	0	0							0	0	0
12	**AGVLF - 10280**						0	0	0	0							0	0	0
13	**Remove ROM**						0	0	0	0							0	0	0
14	**Remove DCF and Liner**						0	0	0	0							0	0	0
15	**Cresson underground portal backfill**						0	0	0	0							0	0	0
		0					0	**0**	**0**	**0**	0					0	**0**	**0**	**0**

Generic Material Hauling - Scarifying/Revegetation Costs

					Scarifying Costs			Regegetation Costs			
	Description (required)	Total Surface Area acres	Ripping/ Scarifying Fleet	Scarifying/ Ripping Hours hrs	Scarifying/ Ripping Labor Cost $	Scarifying/ Ripping Equipment Cost $	Total Scarifying/ Ripping Cost $	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revegetation Material Cost $	Total Revegetation Cost $
1	**AGVLF - 9400**	0.10		0	0	0	0	0	0	0	0
2	**AGVLF - 9500**	0.10		0	0	0	0	0	0	0	0
3	**AGVLF - 9600**	0.10		0	0	0	0	0	0	0	0
4	**AGVLF - 9700**	0.10		0	0	0	0	0	0	0	0
5	**AGVLF - 9800**	0.10		0	0	0	0	0	0	0	0
6	**AGVLF - 9900**	0.10		0	0	0	0	0	0	0	0
7	**AGVLF - 10000**	0.10		0	0	0	0	0	0	0	0
8	**AGVLF - 9920**	0.10		0	0	0	0	0	0	0	0
9	**AGVLF - 10020**	0.10		0	0	0	0	0	0	0	0
10	**AGVLF - 10100**	0.10		0	0	0	0	0	0	0	0
11	**AGVLF - 10190**	0.10		0	0	0	0	0	0	0	0
12	**AGVLF - 10280**	0.10		0	0	0	0	0	0	0	0
13	**Remove ROM**	1.70		0	0	0	0	0	0	0	0

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Generic Material Hauling - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Hauling/Crush/Screen/Compact	3,607,030	36,372,450	N/A	39,979,480
Cover Placement Cost	0	0	N/A	0
Topsoil Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	0	0	N/A	0
Subtotal Earthworks	**3,607,030**	**36,372,450**		**39,979,480**
Revegetation Cost	0	0	0	0
TOTALS	**3,607,030**	**36,372,450**	**0**	**39,979,480**

14	**Remove DCF and Liner**	1.70		0	0	0	0	0	0	0	0
15	**Cresson underground portal backfill**	0.10		0	0	0	0	0	0	0	0
		4.70		0	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,786,359	2,227,722	N/A	5,014,081
Wall Demolition Cost	91,765	87,111	N/A	178,876
Slab Demolition	36,583	121,263	N/A	157,846
Subtotal Demolition	**2,914,707**	**2,436,096**	**0**	**5,350,803**
Cover Placement Cost	76,116	196,914	N/A	273,030
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	5,329	7,737	N/A	13,066
Subtotal Earthworks	**81,445**	**204,651**	**0**	**286,096**
Revegetation Cost	10,560	3,846	13,545	27,951
TOTALS	**3,006,712**	**2,644,593**	**13,545**	**5,664,850**

Buildings & Foundation - User Input

You must fill in ALL green cells and relevant blue cells in this section for each building or facility

	Facility Description								Physical - MANDATORY								Foundation Cover (1)			Growth Media (1) (entire footprint)		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Length ft	Width ft	Eave Height ft	Slab Thickness in	Foundation Wall Thickness in	Foundation Wall Height ft	Average Flat Area Long Dimension (ripping distance) ft	Building Area Footprint (including surrounding facilities) acres	Foundation Cover Thickness in	Haul Distance to Placement Location ft	Slope to Placement Location % grade	Growth Media Thickness in	Haul Distance to Placement Location ft	Slope to Placement Location % grade
1	**Primary crushers**		2009	**Facilities Demolition**				ARO+LOM+FA	78	48	112	12	6	1	78	0.00	60	8,300	5.0			
2	**Crane above pocket**		2009	**Facilities Demolition**				ARO+LOM+FA	85	33	50	12	6	1	85	0.06	60	10,300	3.0			
3	**Secondary crusher MCC**		2009	**Facilities Demolition**				ARO+LOM+FA	53	21	15	12	6	1	53	0.03	60	10,300	3.0			
4	**Secondary crushers**		2009	**Facilities Demolition**				ARO+LOM+FA	120	67	107	12	6	1	120	0.18	60	10,300	3.0			
5	**Screen Bldg**		2009	**Facilities Demolition**				ARO+LOM+FA	72	32	86	12	6	1	72	0.05	60	10,300	3.0			
6	**Screen MCCs**		2009	**Facilities Demolition**				ARO+LOM+FA	40	18	15	12	6	1	40	0.02	60	5,100	3.0			
7	**Crusher Maint**		2009	**Facilities Demolition**				ARO+LOM+FA	40	40	17	12	6	1	40	0.04	60	5,100	3.0			
8	**Security**		2009	**Facilities Demolition**				ARO+LOM+FA	65	40	10	12	6	1	65	0.06	60	5,100	3.0			
9	**MCC for phase II pumps**		2009	**Facilities Demolition**				ARO+LOM+FA	21	11	12	12	6	1	21	0.01	60	5,100	3.0			
10	**Laboratory**		2009	**Facilities Demolition**				ARO+LOM+FA	150	69	52	12	6	1	150	0.24	60	5,100	3.0			
11	**Project mgr trailer**		2009	**Facilities Demolition**				ARO+LOM+FA	57	12	10	6			57	0.02	60	20,000	6.0			
12	**Project trailer**		2009	**Facilities Demolition**				ARO+LOM+FA	40	53	10	6			53	0.05	60	11,400	1.0			
13	**Fire trailer**		2009	**Facilities Demolition**				ARO+LOM+FA	20	10	10	6			20	0.00	60	10,300	3.0			
14	**Process maint trailer**		2009	**Facilities Demolition**				ARO+LOM+FA	60	25	10	6			60	0.03	60	10,300	3.0			
15	**Crusher Maint addition**		2009	**Facilities Demolition**				ARO+LOM+FA	25	40	17	12	6	1	40	0.02	60	10,300	3.0			
16	**Crusher Maint lean to**		2009	**Facilities Demolition**				ARO+LOM+FA	10	40	13	12	6	1	40	0.01	60	10,300	3.0			
17	**AGADR 1995**		2009	**Facilities Demolition**				ARO+LOM+FA	165	100	52	12	8	3	165	0.38	60	10,300	3.0			
18	**Pipe access gallery**		2009	**Facilities Demolition**				ARO+LOM+FA	60	10	10	12	8	3	60	0.01	60	10,300	3.0			
19	**carbon strip & regen**		2009	**Facilities Demolition**				ARO+LOM+FA	107	25	45	12	8	3	107	0.06	60	10,300	3.0			
20	**Process maint trailer**		2009	**Facilities Demolition**				ARO+LOM+FA	60	25	12	6			60	0.03	60	10,300	3.0			
21	**AGADR north**		2009	**Facilities Demolition**				ARO+LOM+FA	165	43	44	12	8	3	165	0.16	60	10,300	3.0			
22	**AGADR south**		2009	**Facilities Demolition**				ARO+LOM+FA	108	70	57	12	8	3	108	0.17	60	10,300	3.0			
23	**Etrain**		2009	**Facilities Demolition**				ARO+LOM+FA	142	42	53	12	8	3	142	0.14	60	10,300	3.0			
24	**MCC fume scrubber**		2009	**Facilities Demolition**				ARO+LOM+FA	37	16	16	12	8	3	37	0.01	60	10,300	3.0			
25	**enrichment pump station**		2009	**Facilities Demolition**				ARO+LOM+FA	60	30	38	12	8	3	60	0.04	60	5,100	3.0			
26	**Ph V Preg pump MCC**		2009	**Facilities Demolition**				ARO+LOM+FA	22	22	17	12	8	3	22	0.01	60	5,100	3.0			
27	**Ph V Preg enrich MCC**		2009	**Facilities Demolition**				ARO+LOM+FA	42	22	17	12	8	3	42	0.02	60	5,100	3.0			
28	**Ph V Preg enrich LVSC**		2009	**Facilities Demolition**				ARO+LOM+FA	20	10	12	12	8	3	20	0.00	60	5,100	3.0			
29	**Victor maint light vehicle shop**		2009	**Facilities Demolition**				ARO+LOM+FA	80	56	12	12	6	1	80	0.10	60	5,100	3.0			
30	**truck wash**		2009	**Facilities Demolition**				ARO+LOM+FA	75	45	41	12	6	1	75	0.08	60	8,300	5.0			
31	**truck shop**		2009	**Facilities Demolition**				ARO+LOM+FA	305	95	65	12	6	1	305	0.67	60	5,100	3.0			
32	**Mill maint warehouse**		2009	**Facilities Demolition**				ARO+LOM+FA	57	200	47	12	6	1	200	0.26	60	5,100	3.0			
33	**sump pump**		2009	**Facilities Demolition**				ARO+LOM+FA	16	15	13	12	6	3	16	0.01	60	8,300	5.0			
34	**conveyor shed**		2009	**Facilities Demolition**				ARO+LOM+FA	85	13	21	12	6	1	85	0.03	60	8,300	5.0			
35	**process corridor**		2009	**Facilities Demolition**				ARO+LOM+FA	15	175	24	12	6	3	175	0.06	60	8,300	5.0			
36	**Buckley main bldg**		2009	**Facilities Demolition**				ARO+LOM+FA	60	40	12	12	6	1	60	0.06	60	8,300	5.0			
37	**AGVLF AGADR**		2009	**Facilities Demolition**				ARO+LOM+FA	142	42	53	12	8	3	142	0.14	60	8,300	5.0			
38	**MCC & fume scrubber**		2009	**Facilities Demolition**				ARO+LOM+FA	37	16	16	12	8	3	37	0.01	60	5,100	3.0			
39	**VLF2 enrichment pump station**		2021	**Facilities Demolition**				ARO+LOM+FA	60	54	20	12	8	3	60	0.04	60	10,300	3.0			
40	**VLF2 enrichment pump station**		2012	**Facilities Demolition**				ARO+LOM+FA	15	59	8	12	8	3	60	0.04	60	10,300	3.0			
41	**Ph V Preg pump MCC**		2009	**Facilities Demolition**				ARO+LOM+FA	22	22	17	12	8	3	22	0.01	60	10,300	3.0			
42	**Ph V Preg enrich MCC**		2009	**Facilities Demolition**				ARO+LOM+FA	42	22	17	12	8	3	42	0.02	60	10,300	3.0			
43	**Ph V Preg enrich LVSC**		2009	**Facilities Demolition**				ARO+LOM+FA	20	10	12	12	8	3	20	0.00	60	10,300	3.0			
44	**Squaw MCC**		2009	**Facilities Demolition**				ARO+LOM+FA	60	27	12	12	8	3	60	0.04	60	10,300	3.0			
45	**warehouse**		2009	**Facilities Demolition**				ARO+LOM+FA	104	80	32	12	8	3	104	0.19	60	10,300	3.0			
46	**LVSC pump**		2009	**Facilities Demolition**				ARO+LOM+FA	151	10	12	12	8	3	151	0.03	60	10,300	3.0			
47	**SGADR**		2009	**Facilities Demolition**				ARO+LOM+FA	165	200	62	12	8	3	200	0.76	60	10,300	3.0			
48	**SGADR utility**		2009	**Facilities Demolition**				ARO+LOM+FA	60	30	17	12	8	3	60	0.04	60	10,300	3.0			
49	**security**		2009	**Facilities Demolition**				ARO+LOM+FA	143	20	10	12	8	3	143	0.07	60	10,300	3.0			
50	**modular office 1**		2009	**Facilities Demolition**				ARO+LOM+FA	60	66	10	6	8	3	66	0.09	60	10,300	3.0			
51	**modular office 2**		2009	**Facilities Demolition**				ARO+LOM+FA	60	66	10	6	8	3	66	0.09	60	10,300	3.0			
52	**modular office 3**		2009	**Facilities Demolition**				ARO+LOM+FA	12	66	10	6	8	3	66	0.02	60	5,100	3.0			
53	**substation**		2009	**Facilities Demolition**				ARO+LOM+FA	107	100	15	12	8	3	107	0.25	60	5,100	3.0			
54	**auxiliary A**		2009	**Facilities Demolition**				ARO+LOM+FA	66	20	10	12	8	3	66	0.03	60	5,100	3.0			
55	**auxiliary B**		2009	**Facilities Demolition**				ARO+LOM+FA	20	20	10	12	8	3	20	0.01	60	5,100	3.0			
56	**auxiliary C**		2009	**Facilities Demolition**				ARO+LOM+FA	46	20	10	12	8	3	46	0.02	60	5,100	3.0			
57	**High grade mill**		2009	**Facilities Demolition**				ARO+LOM+FA	435	200	86	12	8	3	335	1.54	60	5,100	3.0			
58	**offices**		2009	**Facilities Demolition**				ARO+LOM+FA	96	80	10	12	6	1	96	0.18	60	10,300	3.0			
59	**Buckley garage**		2009	**Facilities Demolition**				ARO+LOM+FA	100	76	18	12	6	1	100	0.17	60	10,300	3.0			
60	**Ironclad office**		2009	**Facilities Demolition**				ARO+LOM+FA	100	48	13	12	6	1	100	0.11	60	5,100	3.0			
61	**maint annex**		2009	**Facilities Demolition**				ARO+LOM+FA	75	25	65	12	6	1	75	0.04	60	5,100	3.0			
62	**lab addition**		2009	**Facilities Demolition**				ARO+LOM+FA	30	15	10	12	6	1	30	0.01	60	5,100	3.0			
63	**ROM Silo**		2009	**Facilities Demolition**				ARO+LOM+FA	9	9	12	12	6	1	12	0.00	60	5,100	3.0			
64	**Converor Support**		2009	**Facilities Demolition**				ARO+LOM+FA	4	6	9	12	48	9	12	0.00	60	5,100	3.0			
65	**Newmont double wide**		2009	**Facilities Demolition**				ARO+LOM+FA	24	60	12	6	6	1	60	0.03	60	9,300	10.0			
66	**Mobile Maintenance shop**		2009	**Facilities Demolition**				ARO+LOM+FA	50	100	18	12	6	1	100	0.11	60	9,300	10.0			
67	**Lube bay and washbay**		2009	**Facilities Demolition**				ARO+LOM+FA	50	80	18	12	6	1	80	0.09	60	9,300	10.0			
68	**Lube bay and washbay apron**		2009	**Facilities Demolition**				ARO+LOM+FA	124	40	1	12	6	1	124	0.11	60	9,300	10.0			
69	**Compressor Housing**		2009	**Facilities Demolition**				ARO+LOM+FA	45	45	12	6	6	1	45	0.05	60	9,300	10.0			
70	**Substation**		2009	**Facilities Demolition**				ARO+LOM+FA	135	80	12	6	6	1	135	0.25	60	9,300	10.0			
71	**Mag Chloride tank 1**		2020	**Facilities Demolition**				ARO+LOM+FA	18.5	6	20											
72	**Mag Chloride tank 2**		2020	**Facilities Demolition**				ARO+LOM+FA	18.5	6	20											
73	**Mag Chloride tank 3**		2020	**Facilities Demolition**				ARO+LOM+FA	18.5	6	20											
74	**Iron Hill Tower Shed**		2022	**Facilities Demolition**				ARO+LOM+FA	10	8	7	6	6	1	25	0.02	60	8,000	3.0			
75	**Joe Dandy Tower Shed**		2022	**Facilities Demolition**				ARO+LOM+FA	10	8	7	6	6	1	25	0.02	60	9,000	-1.0			
76	**EOZ Office Building 1**		2024	**Facilities Demolition**				ARO+LOM+FA	50	12	10	12	6	1								
77	**EOZ Office Building 2**		2024	**Facilities Demolition**				ARO+LOM+FA	50	12	10	12	6	1								
78	**SA10 update to TR115 (concrete slabs)**		2024	**Facilities Demolition**				ARO+LOM+FA	44	648	0	6	0	0								
79	**EOZ Parts storage Connex**		2024	**Facilities Demolition**				ARO+LOM+FA	8	40	8	0	0	0								
80	**EOZ Battery Storage Connex**		2024	**Facilities Demolition**				ARO+LOM+FA	8	20	8	0	0	0								
81	**SA11 update to TR115 (Carlton Solar Panels -Piers)**		2023	**Facilities Demolition**				ARO+LOM+FA	60	8	0	1	0	0								
82	**SA12 to TR115 (Lab Sidewalks)**		2024	**Facilities Demolition**				ARO+LOM+FA	330	4	0	4	0	0								
83	**SA12 to TR115 (Lead bin runners)**		2024	**Facilities Demolition**				ARO+LOM+FA	36	6	0	6	0	0								

Notes:
1. Foundation cover only calculated to cover slab. Growth media estimated over entire footprint area
2. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivty Sheet)

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Subtotal Demolition	**2,914,707**	**2,436,096**	**0**	**5,350,803**
Cover Placement Cost	76,116	196,914	N/A	273,030
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	5,329	7,737	N/A	13,066
Subtotal Earthworks	**81,445**	**204,651**	**0**	**286,096**
Revegetation Cost	10,560	3,846	13,545	27,951
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Buildings & Foundation - User Input (cont.) You must fill in ALL green cells and relevant blue cells in this section for each building or facility

		Construction Materials		Slab Demolition		Foundation Cover				Growth Media				Revegetation				
	Description (required)	Building Type (select)	Foundation Wall Type (select)	Slab Demo Method (select)	Slab Breaking Equipment Fleet (select)	Cover Material Type (select)	Cover Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Growth Media Material Type (select)	Growth Media Placement Equipment Fleet (select)	Cycle Time Override (user override)	Maximum Fleet Size (user override)	Seed Mix (select)	Mulch (select)	Fertilizer (select)	Scarify/ Rip? (select)	Ripping Fleet (select)
1	**Primary crushers**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
2	**Crane above pocket**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
3	**Secondary crusher MCC**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
4	**Secondary crushers**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
5	**Screen Bldg**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
6	**Screen MCCs**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
7	**Crusher Maint**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
8	**Security**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
9	**MCC for phase II pumps**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
10	**Laboratory**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
11	**Project mgr trailer**	Sm. wood		Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
12	**Project trailer**	Sm. wood		Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
13	**Fire trailer**	Sm. wood		Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
14	**Process maint trailer**	Sm. wood		Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
15	**Crusher Maint addition**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
16	**Crusher Maint lean to**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
17	**AGADR 1995**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
18	**Pipe access gallery**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
19	**carbon strip & regen**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
20	**Process maint trailer**	Sm. wood		Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
21	**AGADR north**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
22	**AGADR south**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
23	**Etrain**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
24	**MCC fume scrubber**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
25	**enrichment pump station**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
26	**Ph V Preg pump MCC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
27	**Ph V Preg enrich MCC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
28	**Ph V Preg enrich LVSC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
29	**Victor maint light vehicle shop**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
30	**truck wash**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
31	**truck shop**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
32	**Mill maint warehouse**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
33	**sump pump**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
34	**conveyor shed**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
35	**process corridor**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
36	**Buckley main bldg**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
37	**AGVLF AGADR**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
38	**MCC & fume scrubber**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
39	**VLF2 enrichment pump station**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
40	**VLF2 enrichment pump station**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
41	**Ph V Preg pump MCC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
42	**Ph V Preg enrich MCC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
43	**Ph V Preg enrich LVSC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
44	**Squaw MCC**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
45	**warehouse**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
46	**LVSC pump**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
47	**SGADR**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
48	**SGADR utility**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
49	**security**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
50	**modular office 1**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
51	**modular office 2**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
52	**modular office 3**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
53	**substation**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
54	**auxiliary A**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
55	**auxiliary B**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
56	**auxiliary C**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
57	**High grade mill**	Lg. steel	Conc 8 in (200 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
58	**offices**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
59	**Buckley garage**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
60	**Ironclad office**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
61	**maint annex**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
62	**lab addition**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
63	**ROM Silo**	Lg. steel	Conc 12 in (300 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
64	**Converor Support**	Lg. masonry	Conc 12 in (300 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
65	**Newmont double wide**	Sm. wood		Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
66	**Mobile Maintenaince shop**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
67	**Lube bay and washbay**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
68	**Lube bay and washbay apron**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
69	**Compressor Housing**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
70	**Substation**	Lg. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
71	**Mag Chloride tank 1**	Lg. steel																
72	**Mag Chloride tank 2**	Lg. steel																
73	**Mag Chloride tank 3**	Lg. steel																
74	**Iron Hill Tower Shed**	Sm. steel	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
75	**Joe Dandy Tower Shed**	Sm. wood	Conc 6 in (150 mm) thick	Break & bury	Med Excavator	Alluvium	Small Truck							User Mix 1	Hydro Mulch	Chemical	Yes	Small Dozer
76	**EOZ Office Building 1**	Sm. wood	Conc 6 in (150 mm) thick	Break & bury	Med Excavator													
77	**EOZ Office Building 2**	Sm. wood	Conc 6 in (150 mm) thick	Break & bury	Med Excavator													
78	**SA10 update to TR115 (concrete slabs)**	Sm. concrete	Conc 6 in (150 mm) thick	Break & bury	Med Excavator													
79	**EOZ Parts storage Connex**	Sm. steel																
80	**EOZ Battery Storage Connex**	Sm. steel																
81	**SA11 update to TR115 (Carlton Solar Panels -Piers)**	Sm. concrete	Conc 6 in (150 mm) thick	Break & bury	Med Excavator													
82	**SA12 to TR115 (Lab Sidewalks)**	Sm. concrete	Conc 6 in (150 mm) thick	Break & bury	Med Excavator													
83	**SA12 to TR115 (Load bin runners)**	Sm. concrete	Conc 6 in (150 mm) thick	Break & bury	Med Excavator													

Notes:
1. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,786,359	2,227,722	N/A	5,014,081
Wall Demolition Cost	91,765	87,111	N/A	178,876
Slab Demolition	36,583	121,263	N/A	157,846
Subtotal Demolition	**2,914,707**	**2,436,096**	**0**	**5,350,803**
Cover Placement Cost	76,116	196,914	N/A	273,030
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	5,329	7,737	N/A	13,066
Subtotal Earthworks	**81,445**	**204,651**	**0**	**286,096**
Revegetation Cost	10,560	3,846	13,545	27,951
TOTALS	**3,006,712**	**2,644,593**	**13,545**	**5,664,850**

Foundations & Buildings - Assumptions & Calculations

Building Volume Calculations

Using Means Heavy Construction Cost Data (2004) calculates cubic feet from building dimensions
- Estimage slab thickness and wall thickness if not known
- Assumes that all concrete slabs are reinforced
- Productivity for crew from Means Heavy Construction Cost Data (2004) adjusted for supervision (addressed in Misc. Costs) and Davis-Bacon Wage Rates
- Demolition costs do not include hauling or disposing if debris - Use Waste Disposal module

Slab Demolition Calculations

Minimum 1 hr excavator time for slab demolition

Cover Volume Calculation

Foundation area x cover thickness
- If "Bury in Place" is selected as slab demolition method, cover thickness is adjusted such that total cover (cover + growth media) equals value entered in "Minimum thickness of cover over unbroken slab" cell above

Ripping/Scarifying Calculations

Flat area width = Final flat area ÷ Average long dimensions
Number of passes = Flat area width ÷ Grader width
Travel distance = Number of passes x Average long dimensions
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)

Revegetation

Minimum 1 acre revegetation crew time per area

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
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Ripping/Scarifying Cost	5,329	7,737	N/A	13,066
Subtotal Earthworks	**81,445**	**204,651**	**0**	**286,096**
Revegetation Cost	10,560	3,846	13,545	27,951
TOTALS	**3,006,712**	**2,644,593**	**13,545**	**5,664,850**

Building & Foundation Demolition Costs

Uses RS Means Heavy Construction Cost Data for building and wall demolition cost calculations. Uses CAT Handbook for slab breaking production.

												Building Demolition			Wall Demolition			Slab Demolition			Total Costs		
	Description (required)	Building Footprint (slab area) sqft	Building Volume cu ft	Building Demolition Fleet	Building Demolition Hours hrs	Wall Length ft	Wall Area sq ft	Wall Demolition Hours hrs	Slab Volume cy	Slab Demolition Fleet	Slab Demolition Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Building Demolition Cost $	Total Labor Cost $	Total Equipment Cost $	Total Wall Demolition Cost $	Total Labor Cost $	Total Equipment Cost $	Total Slab Breaking Cost $	Total Labor Cost $	Total Equipment Cost $	Total Demolition Costs $
1	**Primary crushers**	3,744	419,328	930M/20 Ton Crane/Dump	156	252	252	13	139	349F	2	62,899	50,319	113,218	592	564	1,156	294	974	1,268	63,785	51,857	115,642
2	**Crane above pocket**	2,805	140,250	930M/20 Ton Crane/Dump	52	236	236	12	104	349F	2	21,038	16,830	37,868	555	529	1,084	294	974	1,268	21,887	18,333	40,220
3	**Secondary crusher MCC**	1,113	16,695	930M/20 Ton Crane/Dump	6	148	148	7	41	349F	1	2,504	2,003	4,507	348	332	680	147	487	634	2,999	2,822	5,821
4	**Secondary crushers**	8,040	860,280	930M/20 Ton Crane/Dump	320	374	374	19	298	349F	5	129,042	103,234	232,276	879	838	1,717	734	2,435	3,169	130,655	106,507	237,162
5	**Screen Bldg**	2,304	198,144	930M/20 Ton Crane/Dump	74	208	208	10	85	349F	1	29,722	23,777	53,499	489	466	955	147	487	634	30,358	24,730	55,088
6	**Screen MCCs**	720	10,800	930M/20 Ton Crane/Dump	4	116	116	6	27	349F	1	1,620	1,296	2,916	273	260	533	147	487	634	2,040	2,043	4,083
7	**Crusher Maint**	1,600	27,200	930M/20 Ton Crane/Dump	10	160	160	8	59	349F	1	4,080	3,264	7,344	376	358	734	147	487	634	4,603	4,109	8,712
8	**Security**	2,600	26,000	930M/20 Ton Crane/Dump	10	210	210	11	96	349F	2	3,900	3,120	7,020	494	470	964	294	974	1,268	4,688	4,564	9,252
9	**MCC for phase II pumps**	231	2,772	930M/20 Ton Crane/Dump	1	64	64	3	9	349F	1	416	333	749	150	143	293	147	487	634	713	963	1,676
10	**Laboratory**	10,350	538,200	930M/20 Ton Crane/Dump	200	438	438	22	383	349F	6	80,730	64,584	145,314	1,029	981	2,010	881	2,922	3,803	82,640	68,487	151,127
11	**Project mgr trailer**	684	6,840	930M/Dump Truck (10-12 y	4	138	0	0	13	349F	1	1,231	889	2,120	0	0	0	147	487	634	1,378	1,376	2,754
12	**Project trailer**	2,120	21,200	930M/Dump Truck (10-12 y	11	186	0	0	39	349F	1	3,816	2,756	6,572	0	0	0	147	487	634	3,963	3,243	7,206
13	**Fire trailer**	200	2,000	930M/Dump Truck (10-12 y	1	60	0	0	4	349F	1	360	260	620	0	0	0	147	487	634	507	747	1,254
14	**Process maint trailer**	1,500	15,000	930M/Dump Truck (10-12 y	8	170	0	0	28	349F	1	2,700	1,950	4,650	0	0	0	147	487	634	2,847	2,437	5,284
15	**Crusher Maint addition**	1,000	17,000	930M/20 Ton Crane/Dump	6	130	130	7	37	349F	1	2,550	2,040	4,590	306	291	597	147	487	634	3,003	2,818	5,821
16	**Crusher Maint lean to**	400	5,200	930M/20 Ton Crane/Dump	2	100	100	5	15	349F	1	780	624	1,404	235	224	459	147	487	634	1,162	1,335	2,497
17	**AGADR 1995**	16,500	858,000	930M/20 Ton Crane/Dump	319	530	1,590	91	611	349F	10	128,700	102,960	231,660	4,293	4,070	8,363	1,469	4,870	6,339	134,462	111,900	246,362
18	**Pipe access gallery**	600	6,000	930M/20 Ton Crane/Dump	2	140	420	24	22	349F	1	900	720	1,620	1,134	1,075	2,209	147	487	634	2,181	2,282	4,463
19	**carbon strip & regen**	2,675	120,375	930M/20 Ton Crane/Dump	45	264	792	45	99	349F	2	18,056	14,445	32,501	2,138	2,028	4,166	294	974	1,268	20,488	17,447	37,935
20	**Process maint trailer**	1,500	18,000	930M/Dump Truck (10-12 y	10	170	0	0	28	349F	1	3,240	2,340	5,580	0	0	0	147	487	634	3,387	2,827	6,214
21	**AGADR north**	7,095	312,180	930M/20 Ton Crane/Dump	116	416	1,248	71	263	349F	4	46,827	37,462	84,289	3,370	3,195	6,565	588	1,948	2,536	50,785	42,605	93,390
22	**AGADR south**	7,560	430,920	930M/20 Ton Crane/Dump	160	356	1,068	61	280	349F	5	64,638	51,710	116,348	2,884	2,734	5,618	734	2,435	3,169	68,256	56,879	125,135
23	**Etrain**	5,964	316,092	930M/20 Ton Crane/Dump	118	368	1,104	63	221	349F	4	47,414	37,931	85,345	2,981	2,826	5,807	588	1,948	2,536	50,983	42,705	93,688
24	**MCC fume scrubber**	592	9,472	930M/20 Ton Crane/Dump	4	106	318	18	22	349F	1	1,421	1,137	2,558	859	814	1,673	147	487	634	2,427	2,438	4,865
25	**enrichment pump station**	1,800	68,400	930M/20 Ton Crane/Dump	25	180	540	31	67	349F	1	10,260	8,208	18,468	1,458	1,382	2,840	147	487	634	11,865	10,077	21,942
26	**Ph V Preg pump MCC**	484	8,228	930M/20 Ton Crane/Dump	3	88	264	15	18	349F	1	1,234	987	2,221	713	676	1,389	147	487	634	2,094	2,150	4,244
27	**Ph V Preg enrich MCC**	924	15,708	930M/20 Ton Crane/Dump	6	128	384	22	34	349F	1	2,356	1,885	4,241	1,037	983	2,020	147	487	634	3,540	3,355	6,895
28	**Ph V Preg enrich LVSC**	200	2,400	930M/20 Ton Crane/Dump	1	60	180	10	7	349F	1	360	288	648	486	461	947	147	487	634	993	1,236	2,229
29	**Victor maint light vehicle shop**	4,480	53,760	930M/20 Ton Crane/Dump	20	272	272	14	166	349F	3	8,064	6,451	14,515	639	609	1,248	441	1,461	1,902	9,144	8,521	17,665
30	**truck wash**	3,375	138,375	930M/20 Ton Crane/Dump	51	240	240	12	125	349F	2	20,756	16,605	37,361	564	538	1,102	294	974	1,268	21,614	18,117	39,731
31	**truck shop**	28,975	1,883,375	930M/20 Ton Crane/Dump	701	800	800	40	1,073	349F	18	282,506	226,005	508,511	1,880	1,792	3,672	2,644	8,766	11,410	287,030	236,563	523,593
32	**Mill maint warehouse**	11,400	535,800	930M/20 Ton Crane/Dump	199	514	514	26	422	349F	7	80,370	64,296	144,666	1,208	1,151	2,359	1,028	3,409	4,437	82,606	68,856	151,462
33	**sump pump**	240	3,120	930M/20 Ton Crane/Dump	1	62	186	9	9	349F	1	468	374	842	437	417	854	147	487	634	1,052	1,278	2,330
34	**conveyor shed**	1,105	23,205	930M/20 Ton Crane/Dump	9	196	196	10	41	349F	1	3,481	2,785	6,266	461	439	900	147	487	634	4,089	3,711	7,800
35	**process corridor**	2,625	63,000	930M/20 Ton Crane/Dump	23	380	1,140	57	97	349F	2	9,450	7,560	17,010	2,679	2,554	5,233	294	974	1,268	12,423	11,088	23,511
36	**Buckley main bldg**	2,400	28,800	930M/20 Ton Crane/Dump	11	200	200	10	89	349F	1	4,320	3,456	7,776	470	448	918	147	487	634	4,937	4,391	9,328
37	**AGVLF AGADR**	5,964	316,092	930M/20 Ton Crane/Dump	118	368	1,104	63	221	349F	4	47,414	37,931	85,345	2,981	2,826	5,807	588	1,948	2,536	50,983	42,705	93,688
38	**MCC & fume scrubber**	592	9,472	930M/20 Ton Crane/Dump	4	106	318	18	22	349F	1	1,421	1,137	2,558	859	814	1,673	147	487	634	2,427	2,438	4,865
39	**VLFZ enrichment pump station**	3,240	64,800	930M/20 Ton Crane/Dump	24	228	684	39	120	349F	2	9,720	7,776	17,496	1,847	1,751	3,598	294	974	1,268	11,861	10,501	22,362
40	**VLFZ enrichment pump station**	885	7,080	930M/20 Ton Crane/Dump	3	148	444	25	33	349F	1	1,062	850	1,912	1,199	1,137	2,336	147	487	634	2,408	2,474	4,882
41	**Ph V Preg pump MCC**	484	8,228	930M/20 Ton Crane/Dump	3	88	264	15	18	349F	1	1,234	987	2,221	713	676	1,389	147	487	634	2,094	2,150	4,244
42	**Ph V Preg enrich MCC**	924	15,708	930M/20 Ton Crane/Dump	6	128	384	22	34	349F	1	2,356	1,885	4,241	1,037	983	2,020	147	487	634	3,540	3,355	6,895
43	**Ph V Preg enrich LVSC**	200	2,400	930M/20 Ton Crane/Dump	1	60	180	10	7	349F	1	360	288	648	486	461	947	147	487	634	993	1,236	2,229
44	**Squaw MCC**	1,620	19,440	930M/20 Ton Crane/Dump	7	174	522	30	60	349F	1	2,916	2,333	5,249	1,409	1,336	2,745	147	487	634	4,472	4,156	8,628
45	**warehouse**	8,320	266,240	930M/20 Ton Crane/Dump	99	368	1,104	63	308	349F	5	39,936	31,949	71,885	2,981	2,826	5,807	734	2,435	3,169	43,651	37,210	80,861
46	**LVSC pump**	1,510	18,120	930M/20 Ton Crane/Dump	7	322	966	55	56	349F	1	2,718	2,174	4,892	2,608	2,473	5,081	147	487	634	5,473	5,134	10,607
47	**SGADR**	33,000	2,046,000	930M/20 Ton Crane/Dump	761	730	2,190	125	1,222	349F	20	306,900	245,520	552,420	5,913	5,606	11,519	2,938	9,740	12,678	315,751	260,866	576,617
48	**SGADR utility**	1,800	30,600	930M/20 Ton Crane/Dump	11	180	540	31	67	349F	1	4,590	3,672	8,262	1,458	1,382	2,840	147	487	634	6,195	5,541	11,736
49	**security**	2,860	28,600	930M/20 Ton Crane/Dump	11	326	978	56	106	349F	2	4,290	3,432	7,722	2,641	2,504	5,145	294	974	1,268	7,225	6,910	14,135
50	**modular office 1**	3,960	39,600	930M/20 Ton Crane/Dump	15	252	756	43	73	349F	1	5,940	4,752	10,692	2,041	1,935	3,976	147	487	634	8,128	7,174	15,302
51	**modular office 2**	3,960	39,600	930M/20 Ton Crane/Dump	15	252	756	43	73	349F	1	5,940	4,752	10,692	2,041	1,935	3,976	147	487	634	8,128	7,174	15,302
52	**modular office 3**	792	7,920	930M/20 Ton Crane/Dump	3	156	468	27	15	349F	1	1,188	950	2,138	1,264	1,198	2,462	147	487	634	2,599	2,635	5,234
53	**substation**	10,700	160,500	930M/20 Ton Crane/Dump	60	414	1,242	71	396	349F	7	24,075	19,260	43,335	3,353	3,180	6,533	1,028	3,409	4,437	28,456	25,849	54,305
54	**auxiliary A**	1,320	13,200	930M/20 Ton Crane/Dump	5	172	516	29	49	349F	1	1,980	1,584	3,564	1,393	1,321	2,714	147	487	634	3,520	3,392	6,912
55	**auxiliary B**	400	4,000	930M/20 Ton Crane/Dump	1	80	240	14	15	349F	1	600	480	1,080	648	614	1,262	147	487	634	1,395	1,581	2,976
56	**auxiliary C**	920	9,200	930M/20 Ton Crane/Dump	3	132	396	23	34	349F	1	1,380	1,104	2,484	1,069	1,014	2,083	147	487	634	2,596	2,605	5,201
57	**High grade mill**	87,000	7,482,000	930M/20 Ton Crane/Dump	2,784	1,270	3,810	218	3,222	349F	54	1,122,300	897,840	2,020,140	10,287	9,754	20,041	7,932	26,298	34,230	1,140,519	933,892	2,074,411
58	**offices**	7,680	76,800	930M/20 Ton Crane/Dump	29	352	352	18	284	349F	5	11,520	9,216	20,736	827	788	1,615	734	2,435	3,169	13,081	12,439	25,520
59	**Buckley garage**	7,600	136,800	930M/20 Ton Crane/Dump	51	352	352	18	281	349F	5	20,520	16,416	36,936	827	788	1,615	734	2,435	3,169	22,081	19,639	41,720
60	**Ironclad office**	4,800	62,400	930M/20 Ton Crane/Dump	23	296	296	15	178	349F	3	9,360	7,488	16,848	696	663	1,359	441	1,461	1,902	10,497	9,612	20,109
61	**maint annex**	1,875	121,875	930M/20 Ton Crane/Dump	45	200	200	10	69	349F	1	18,281	14,625	32,906	470	448	918	147	487	634	18,898	15,560	34,458
62	**lab addition**	450	4,500	930M/20 Ton Crane/Dump	2	90	90	5	17	349F	1	675	540	1,215	212	202	414	147	487	634	1,034	1,229	2,263
63	**ROM Silo**	81	972	930M/20 Ton Crane/Dump	0	36	36	3	3	349F	1	146	117	263	136	129	265	147	487	634	429	733	1,162
64	**Converor Support**	24	216	930M/20 Ton Crane/Dump	0	20	37	180	14	1	349F	1	37	28	65	679	646	1,325	147	487	634	863	1,161	2,024
65	**Newmont double wide**	1,440	17,280	930M/Dump Truck (10-12 y	9	168	168	0	27	349F	1	3,110	2,246	5,356	0	0	0	147	487	634	3,257	2,733	5,990
66	**Mobile Maintenaince shop**	5,000	90,000	930M/20 Ton Crane/Dump	33	300	300	15	185	349F	3	13,500	10,800	24,300	705	672	1,377	441	1,461	1,902	14,646	12,933	27,579
67	**Lube bay and washbay**	4,000	72,000	930M/20 Ton Crane/Dump	27	260	260	13	148	349F	2	10,800	8,640	19,440	611	582	1,193	294	974	1,268	11,705	10,196	21,901
68	**Lube bay and washbay apron**	4,960	4,960	930M/20 Ton Crane/Dump	2	328	328	16	184	349F	3	744	595	1,339	771	735	1,506	441	1,461	1,902	1,956	2,791	4,747
69	**Compressor Housing**	2,025	24,300	930M/20 Ton Crane/Dump	9	180	180	9	38	349F	1	3,645	2,916	6,561	423	403	826	147	487	634	4,215	3,806	8,021
70	**Substation**	10,800	129,600	930M/20 Ton Crane/Dump	48	430	430	22	200	349F	3	19,440	15,552	34,992	1,011	963	1,974	441	1,461	1,902	20,892	17,976	38,868
71	**Mag Chloride tank 1**	111	2,220	930M/20 Ton Crane/Dump	1	49	0	0	0		0	333	266	599	0	0	0	0	0	0	333	266	599
72	**Mag Chloride tank 2**	111	2,220	930M/20 Ton Crane/Dump	1	49	0	0	0		0	333	266	599	0	0	0	0	0	0	333	266	599
73	**Mag Chloride tank 3**	111	2,220	930M/20 Ton Crane/Dump	1	49	0	0	0		0	333	266	599	0	0	0	0	0	0	333	266	599
74	**Iron Hill Tower Shed**	80	560	930M/Dump Truck (10-12 y	0	36	36	2	1	349F	1	101	73	174	85	81	166	147	487	634	333	641	974
75	**Joe Dandy Tower Shed**	80	560	930M/Dump Truck (10-12 y	0	36	36	2	1	349F	1	101	73	174	85	81	166	147	487	634	333	641	974
76	**EOZ Office Building 1**	600	6,000	930M/Dump Truck (10-12 y	3	124	124	6	22	349F	1	1,080	780	1,860	291	278	569	147	487	634	1,518	1,545	3,063
77	**EOZ Office Building 2**	600	6,000	930M/Dump Truck (10-12 y	3	124	124	6	22	349F	1	1,080	780	1,860	291	278	569	147	487	634	1,518	1,545	3,063
78	**SA10 update to TR115 (concrete slabs)**	28,512	0	930M/Dump Truck (10-12 y	0	1,384	0	0	528	349F	9	0	0	0	0	0	0	1,322	4,383	5,705	1,322	4,383	5,705
79	**EOZ Parts storage Connex**	320	2,560	930M/Dump Truck (10-12 y	1	96	0	0	0		0	461	333	794	0	0	0	0	0	0	461	333	794
80	**EOZ Battery Storage Connex**	160	1,280	930M/Dump Truck (10-12 y	1	56	0	0	0		0	230	166	396	0	0	0	0	0	0	230	166	396
81	**SA11 update to TR115 (Carlton Solar Panels -Piers)**	480	0	930M/Dump Truck (10-12 y	0	136	0	0	1	349F	1	0	0	0	0	0	0	147	487	634	147	487	634
82	**SA12 to TR115 (Lab Sidewalks)**	1,320	0	930M/Dump Truck (10-12 y	0	668	0	0	16	349F	1	0	0	0	0	0	0	147	487	634	147	487	634
83	**SA12 to TR115 (Lead bin runners)**	216	0	930M/Dump Truck (10-12 y	0	84	0	0	4	349F	1	0	0	0	0	0	0	147	487	634	147	487	634
			18,556,242						13,432		249	**2,786,359**	**2,227,722**	**5,014,081**	**91,765**	**87,111**	**178,876**	**36,583**	**121,263**	**157,846**	**2,914,707**	**2,436,096**	**5,350,803**

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,786,359	2,227,722	N/A	5,014,081
Wall Demolition Cost	91,765	87,111	N/A	178,876
Slab Demolition	36,583	121,263	N/A	157,846
Subtotal Demolition	**2,914,707**	**2,436,096**	**0**	**5,350,803**
Cover Placement Cost	76,116	196,914	N/A	273,030
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	5,329	7,737	N/A	13,066
Subtotal Earthworks	**81,445**	**204,651**	**0**	**286,096**
Revegetation Cost	10,560	3,846	13,545	27,951
TOTALS	**3,006,712**	**2,644,593**	**13,545**	**5,664,850**

Building & Foundation - Foundation Cover and Growth Media Costs

		Foundation Cover									Growth Media									Total Cover & Growth Media Costs		
	Description (required)	Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCY/hr	Total Fleet Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Cover Cost $	Material Volume cy	Placement Fleet	Cycle Time min	Haul Fleet Size	Fleet Productivity LCY/hr	Total Fleet Hours hrs	Total Labor Cost $	Total Equipment Cost $	Total Cost $	Total Labor Cost $	Total Equipment Cost $	Total Costs $
1	**Primary crushers**	693	725C2/966M/D7E	12.68	6	398	2	818	2,134	2,952						0	0	0	0	818	2,134	2,952
2	**Crane above pocket**	519	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
3	**Secondary crusher MCC**	206	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
4	**Secondary crushers**	1,489	725C2/966M/D7E	14.49	7	407	4	1,811	4,837	6,648						0	0	0	0	1,811	4,837	6,648
5	**Screen Bldg**	427	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
6	**Screen MCCs**	133	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
7	**Crusher Maint**	296	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
8	**Security**	481	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
9	**MCC for phase II pumps**	43	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
10	**Laboratory**	1,917	725C2/966M/D7E	9.05	4	375	5	1,609	3,913	5,522						0	0	0	0	1,609	3,913	5,522
11	**Project mgr trailer**	127	725C2/966M/D7E	26.95	14	442	1	759	2,205	2,964						0	0	0	0	759	2,205	2,964
12	**Project trailer**	393	725C2/966M/D7E	15.65	8	432	1	497	1,352	1,849						0	0	0	0	497	1,352	1,849
13	**Fire trailer**	37	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
14	**Process maint trailer**	278	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
15	**Crusher Maint addition**	185	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
16	**Crusher Maint lean to**	74	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
17	**AGADR 1995**	3,056	725C2/966M/D7E	14.49	7	407	8	3,623	9,674	13,297						0	0	0	0	3,623	9,674	13,297
18	**Pipe access gallery**	111	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
19	**carbon strip & regen**	495	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
20	**Process maint trailer**	278	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
21	**AGADR north**	1,314	725C2/966M/D7E	14.49	7	407	3	1,359	3,628	4,987						0	0	0	0	1,359	3,628	4,987
22	**AGADR south**	1,400	725C2/966M/D7E	14.49	7	407	3	1,359	3,628	4,987						0	0	0	0	1,359	3,628	4,987
23	**Etrain**	1,104	725C2/966M/D7E	14.49	7	407	3	1,359	3,628	4,987						0	0	0	0	1,359	3,628	4,987
24	**MCC fume scrubber**	110	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
25	**enrichment pump station**	333	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
26	**Ph V Preg pump MCC**	90	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
27	**Ph V Preg enrich MCC**	171	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
28	**Ph V Preg enrich LVSC**	37	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
29	**Victor maint light vehicle shop**	830	725C2/966M/D7E	9.05	4	375	2	643	1,565	2,208						0	0	0	0	643	1,565	2,208
30	**truck wash**	625	725C2/966M/D7E	12.68	6	398	2	818	2,134	2,952						0	0	0	0	818	2,134	2,952
31	**truck shop**	5,366	725C2/966M/D7E	9.05	4	375	14	4,504	10,957	15,461						0	0	0	0	4,504	10,957	15,461
32	**Mill maint warehouse**	2,111	725C2/966M/D7E	9.05	4	375	6	1,930	4,696	6,626						0	0	0	0	1,930	4,696	6,626
33	**sump pump**	44	725C2/966M/D7E	12.68	6	398	1	409	1,067	1,476						0	0	0	0	409	1,067	1,476
34	**conveyor shed**	205	725C2/966M/D7E	12.68	6	398	1	409	1,067	1,476						0	0	0	0	409	1,067	1,476
35	**process corridor**	486	725C2/966M/D7E	12.68	6	398	1	409	1,067	1,476						0	0	0	0	409	1,067	1,476
36	**Buckley main bldg**	444	725C2/966M/D7E	12.68	6	398	1	409	1,067	1,476						0	0	0	0	409	1,067	1,476
37	**AGVLF AGADR**	1,104	725C2/966M/D7E	12.68	6	398	3	1,227	3,201	4,428						0	0	0	0	1,227	3,201	4,428
38	**MCC & fume scrubber**	110	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
39	**VLFZ enrichment pump station**	600	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
40	**VLFZ enrichment pump station**	164	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
41	**Ph V Preg pump MCC**	90	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
42	**Ph V Preg enrich MCC**	171	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
43	**Ph V Preg enrich LVSC**	37	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
44	**Squaw MCC**	300	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
45	**warehouse**	1,541	725C2/966M/D7E	14.49	7	407	4	1,811	4,837	6,648						0	0	0	0	1,811	4,837	6,648
46	**LVSC pump**	280	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
47	**SGADR**	6,111	725C2/966M/D7E	14.49	7	407	15	6,793	18,139	24,932						0	0	0	0	6,793	18,139	24,932
48	**SGADR utility**	333	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
49	**security**	530	725C2/966M/D7E	14.49	7	407	1	453	1,209	1,662						0	0	0	0	453	1,209	1,662
50	**modular office 1**	733	725C2/966M/D7E	14.49	7	407	2	906	2,419	3,325						0	0	0	0	906	2,419	3,325
51	**modular office 2**	733	725C2/966M/D7E	14.49	7	407	2	906	2,419	3,325						0	0	0	0	906	2,419	3,325
52	**modular office 3**	147	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
53	**substation**	1,981	725C2/966M/D7E	9.05	4	375	5	1,609	3,913	5,522						0	0	0	0	1,609	3,913	5,522
54	**auxiliary A**	244	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
55	**auxiliary B**	74	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
56	**auxiliary C**	170	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
57	**High grade mill**	16,111	725C2/966M/D7E	9.05	4	375	43	13,834	33,653	47,487						0	0	0	0	13,834	33,653	47,487
58	**offices**	1,422	725C2/966M/D7E	14.49	7	407	3	1,359	3,628	4,987						0	0	0	0	1,359	3,628	4,987
59	**Buckley garage**	1,407	725C2/966M/D7E	14.49	7	407	3	1,359	3,628	4,987						0	0	0	0	1,359	3,628	4,987
60	**Ironclad office**	889	725C2/966M/D7E	9.05	4	375	2	643	1,565	2,208						0	0	0	0	643	1,565	2,208
61	**maint annex**	347	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
62	**lab addition**	83	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
63	**ROM Silo**	15	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
64	**Converor Support**	4	725C2/966M/D7E	9.05	4	375	1	322	783	1,105						0	0	0	0	322	783	1,105
65	**Newmont double wide**	267	725C2/966M/D7E	19.86	10	423	1	584	1,636	2,220						0	0	0	0	584	1,636	2,220
66	**Mobile Maintenaince shop**	926	725C2/966M/D7E	19.86	10	423	2	1,168	3,272	4,440						0	0	0	0	1,168	3,272	4,440
67	**Lube bay and washbay**	741	725C2/966M/D7E	19.86	10	423	2	1,168	3,272	4,440						0	0	0	0	1,168	3,272	4,440
68	**Lube bay and washbay apron**	919	725C2/966M/D7E	19.86	10	423	2	1,168	3,272	4,440						0	0	0	0	1,168	3,272	4,440
69	**Compressor Housing**	375	725C2/966M/D7E	19.86	10	423	1	584	1,636	2,220						0	0	0	0	584	1,636	2,220
70	**Substation**	2,000	725C2/966M/D7E	19.86	10	423	5	2,920	8,180	11,100						0	0	0	0	2,920	8,180	11,100
71	**Mag Chloride tank 1**						0	0	0	0						0	0	0	0	0	0	0
72	**Mag Chloride tank 2**						0	0	0	0						0	0	0	0	0	0	0
73	**Mag Chloride tank 3**						0	0	0	0						0	0	0	0	0	0	0
74	**Iron Hill Tower Shed**	15	725C2/966M/D7E	12.09	6	418	1	409	1,067	1,476						0	0	0	0	409	1,067	1,476
75	**Joe Dandy Tower Shed**	15	725C2/966M/D7E	13.13	6	388	1	409	1,067	1,476						0	0	0	0	409	1,067	1,476
76	**EOZ Office Building 1**						0	0	0	0						0	0	0	0	0	0	0
77	**EOZ Office Building 2**						0	0	0	0						0	0	0	0	0	0	0
78	**SA10 update to TR115 (concrete slabs)**						0	0	0	0						0	0	0	0	0	0	0
79	**EOZ Parts storage Connex**						0	0	0	0						0	0	0	0	0	0	0
80	**EOZ Battery Storage Connex**						0	0	0	0						0	0	0	0	0	0	0
81	**SA11 update to TR115 (Carlton Solar Panels -Piers)**						0	0	0	0						0	0	0	0	0	0	0
82	**SA12 to TR115 (Lab Sidewalks)**						0	0	0	0						0	0	0	0	0	0	0
83	**SA12 to TR115 (Lead bin runners)**						0	0	0	0						0	0	0	0	0	0	0
		66,897					192	**76,116**	**196,914**	**273,030**	0					0	**0**	**0**	**0**	**76,116**	**196,914**	**273,030**

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,786,359	2,227,722	N/A	5,014,081
Wall Demolition Cost	91,765	87,111	N/A	178,876
Slab Demolition	36,583	121,263	N/A	157,846
Subtotal Demolition	**2,914,707**	**2,436,096**	**0**	**5,350,803**
Cover Placement Cost	76,116	196,914	N/A	273,030
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	5,329	7,737	N/A	13,066
Subtotal Earthworks	**81,445**	**204,651**	**0**	**286,096**
Revegetation Cost	10,560	3,846	13,545	27,951
TOTALS	**3,006,712**	**2,644,593**	**13,545**	**5,664,850**

Building & Foundation - Scarifying/Revegetation Costs

						Scarifying/Ripping			Revegetation				Total Scarify & Revegation Costs			
	Description (required)	Flat Area acres	Average Long Dimension (ripping distance) ft	Ripping/ Scarifying Fleet	Scarifying/ Ripping Hours hrs	Scarifying/ Ripping Labor Costs $	Scarifying/ Ripping Equipment Cost $	Total Scarifying/ Ripping Costs $	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revgetation Material Cost $	Total Revegetation Cost $	Total Labor Cost $	Total Equipment Cost $	Total Material Cost $	Total Costs $
1	**Primary crushers**	0.10	78	D7E	1	73	106	179	146	53	120	319	219	159	120	498
2	**Crane above pocket**	0.10	85	D7E	1	73	106	179	146	53	120	319	219	159	120	498
3	**Secondary crusher MCC**	0.10	53	D7E	1	73	106	179	146	53	120	319	219	159	120	498
4	**Secondary crushers**	0.20	120	D7E	1	73	106	179	146	53	240	439	219	159	240	618
5	**Screen Bldg**	0.10	72	D7E	1	73	106	179	146	53	120	319	219	159	120	498
6	**Screen MCCs**	0.10	40	D7E	1	73	106	179	146	53	120	319	219	159	120	498
7	**Crusher Maint**	0.10	40	D7E	1	73	106	179	146	53	120	319	219	159	120	498
8	**Security**	0.10	65	D7E	1	73	106	179	146	53	120	319	219	159	120	498
9	**MCC for phase II pumps**	0.10	21	D7E	1	73	106	179	146	53	120	319	219	159	120	498
10	**Laboratory**	0.20	150	D7E	1	73	106	179	146	53	240	439	219	159	240	618
11	**Project mgr trailer**	0.10	57	D7E	1	73	106	179	146	53	120	319	219	159	120	498
12	**Project trailer**	0.10	53	D7E	1	73	106	179	146	53	120	319	219	159	120	498
13	**Fire trailer**	0.10	20	D7E	1	73	106	179	146	53	120	319	219	159	120	498
14	**Process maint trailer**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
15	**Crusher Maint addition**	0.10	40	D7E	1	73	106	179	146	53	120	319	219	159	120	498
16	**Crusher Maint lean to**	0.10	40	D7E	1	73	106	179	146	53	120	319	219	159	120	498
17	**AGADR 1995**	0.40	165	D7E	1	73	106	179	146	53	478	677	219	159	478	856
18	**Pipe access gallery**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
19	**carbon strip & regen**	0.10	107	D7E	1	73	106	179	146	53	120	319	219	159	120	498
20	**Process maint trailer**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
21	**AGADR north**	0.20	165	D7E	1	73	106	179	146	53	240	439	219	159	240	618
22	**AGADR south**	0.20	108	D7E	1	73	106	179	146	53	240	439	219	159	240	618
23	**Etrain**	0.10	142	D7E	1	73	106	179	146	53	120	319	219	159	120	498
24	**MCC fume scrubber**	0.10	37	D7E	1	73	106	179	146	53	120	319	219	159	120	498
25	**enrichment pump station**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
26	**Ph V Preg pump MCC**	0.10	22	D7E	1	73	106	179	146	53	120	319	219	159	120	498
27	**Ph V Preg enrich MCC**	0.10	42	D7E	1	73	106	179	146	53	120	319	219	159	120	498
28	**Ph V Preg enrich LVSC**	0.10	20	D7E	1	73	106	179	146	53	120	319	219	159	120	498
29	**Victor maint light vehicle shop**	0.10	80	D7E	1	73	106	179	146	53	120	319	219	159	120	498
30	**truck wash**	0.10	75	D7E	1	73	106	179	146	53	120	319	219	159	120	498
31	**truck shop**	0.70	305	D7E	1	73	106	179	146	53	837	1,036	219	159	837	1,215
32	**Mill maint warehouse**	0.30	200	D7E	1	73	106	179	146	53	359	558	219	159	359	737
33	**sump pump**	0.10	16	D7E	1	73	106	179	146	53	120	319	219	159	120	498
34	**conveyor shed**	0.10	85	D7E	1	73	106	179	146	53	120	319	219	159	120	498
35	**process corridor**	0.10	175	D7E	1	73	106	179	146	53	120	319	219	159	120	498
36	**Buckley main bldg**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
37	**AGVLF AGADR**	0.10	142	D7E	1	73	106	179	146	53	120	319	219	159	120	498
38	**MCC & fume scrubber**	0.10	37	D7E	1	73	106	179	146	53	120	319	219	159	120	498
39	**VLF2 enrichment pump station**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
40	**VLF2 enrichment pump station**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
41	**Ph V Preg pump MCC**	0.10	22	D7E	1	73	106	179	146	53	120	319	219	159	120	498
42	**Ph V Preg enrich MCC**	0.10	42	D7E	1	73	106	179	146	53	120	319	219	159	120	498
43	**Ph V Preg enrich LVSC**	0.10	20	D7E	1	73	106	179	146	53	120	319	219	159	120	498
44	**Squaw MCC**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
45	**warehouse**	0.20	104	D7E	1	73	106	179	146	53	240	439	219	159	240	618
46	**LVSC pump**	0.10	151	D7E	1	73	106	179	146	53	120	319	219	159	120	498
47	**SGADR**	0.80	200	D7E	1	73	106	179	146	53	956	1,155	219	159	956	1,334
48	**SGADR utility**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
49	**security**	0.10	143	D7E	1	73	106	179	146	53	120	319	219	159	120	498
50	**modular office 1**	0.10	66	D7E	1	73	106	179	146	53	120	319	219	159	120	498
51	**modular office 2**	0.10	66	D7E	1	73	106	179	146	53	120	319	219	159	120	498
52	**modular office 3**	0.10	66	D7E	1	73	106	179	146	53	120	319	219	159	120	498
53	**substation**	0.20	107	D7E	1	73	106	179	146	53	240	439	219	159	240	618
54	**auxiliary A**	0.10	66	D7E	1	73	106	179	146	53	120	319	219	159	120	498
55	**auxiliary B**	0.10	20	D7E	1	73	106	179	146	53	120	319	219	159	120	498
56	**auxiliary C**	0.10	46	D7E	1	73	106	179	146	53	120	319	219	159	120	498
57	**High grade mill**	1.50	335	D7E	2	146	211	357	218	80	1,795	2,093	364	291	1,795	2,450
58	**offices**	0.20	96	D7E	1	73	106	179	146	53	240	439	219	159	240	618
59	**Buckley garage**	0.20	100	D7E	1	73	106	179	146	53	240	439	219	159	240	618
60	**Ironclad office**	0.10	100	D7E	1	73	106	179	146	53	120	319	219	159	120	498
61	**maint annex**	0.10	75	D7E	1	73	106	179	146	53	120	319	219	159	120	498
62	**lab addition**	0.10	30	D7E	1	73	106	179	146	53	120	319	219	159	120	498
63	**ROM Silo**	0.10	12	D7E	1	73	106	179	146	53	120	319	219	159	120	498
64	**Converor Support**	0.10	12	D7E	1	73	106	179	146	53	120	319	219	159	120	498
65	**Newmont double wide**	0.10	60	D7E	1	73	106	179	146	53	120	319	219	159	120	498
66	**Mobile Maintenaince shop**	0.10	100	D7E	1	73	106	179	146	53	120	319	219	159	120	498
67	**Lube bay and washbay**	0.10	80	D7E	1	73	106	179	146	53	120	319	219	159	120	498
68	**Lube bay and washbay apron**	0.10	124	D7E	1	73	106	179	146	53	120	319	219	159	120	498
69	**Compressor Housing**	0.10	45	D7E	1	73	106	179	146	53	120	319	219	159	120	498
70	**Substation**	0.20	135	D7E	1	73	106	179	146	53	240	439	219	159	240	618
71	**Mag Chloride tank 1**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
72	**Mag Chloride tank 2**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
73	**Mag Chloride tank 3**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
74	**Iron Hill Tower Shed**	0.10	25	D7E	1	73	106	179	146	53	120	319	219	159	120	498
75	**Joe Dandy Tower Shed**	0.10	25	D7E	1	73	106	179	146	53	120	319	219	159	120	498
76	**EOZ Office Building 1**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
77	**EOZ Office Building 2**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
78	**SA10 update to TR115 (concrete slabs)**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
79	**EOZ Parts storage Connex**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
80	**EOZ Battery Storage Connex**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
81	**SA11 update to TR115 (Carlton Solar Panels -Piers)**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
82	**SA12 to TR115 (Lab Sidewalks)**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
83	**SA12 to TR115 (Lead bin runners)**	0.10	0		0	0	0	0	0	0	0	0	0	0	0	0
		12.40			73	**5,329**	**7,737**	**13,066**	**10,560**	**3,546**	**13,545**	**27,951**	**15,889**	**11,583**	**13,545**	**41,017**

Closure Cost Estimate
Other Demo & Equip Removal

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Other Demoltion and Equipment Removal - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Other Demolition	74,097	35,720	0	109,818
Equipment Removal	3,490	2,792	113,506	119,787
TOTALS	**77,587**	**38,512**	**113,506**	**229,605**

Other Demolition

Facility Description

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Quantity	Units	Labor Unit Cost $	Equipment Unit Cost $	Material Unit Cost $	Total Labor Cost $	Total Equipment Cost $	Total Material Cost $	Total Cost $
1	mill conveyor demolition		2009	Facilities Demolition				ARO+LOM+FA	1250	ft	$8.90	0.00	0.00	11,124	0	0	11,124
2	Septic systems		2009	Facilities Demolition				ARO+LOM+FA	12	ea	$5,146.91	2,976.70		61,763	35,720	0	97,483
3	ROM Conveyor		2009	Facilities Demolition				ARO+LOM+FA	136	ft	$8.90	0.00	0.00	1,210	0	0	1,210
														74,097	**35,720**	**0**	**109,818**

Notes:

Equipment & Material Removal

Facility Description

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Quantity	Units	Labor Unit Cost $	Equipment Unit Cost $	Material Unit Cost $	Total Labor Cost $	Total Equipment Cost $	Total Material Cost $	Total Cost $
1	Lump sum from 2014 "11-Demolition", includes tanks & & piping & contamination		2009	Facilities Demolition				ARO+LOM+FA	1	uniit			113,506.00	0	0	113,506	113,506
2	10 Carbon columns		2009	Facilities Demolition				ARO+LOM+FA	13499	C.F.	$0.16	0.13		2,187	1,749	0	3,936
3	intermediate		2009	Facilities Demolition				ARO+LOM+FA	8042	C.F.	$0.16	0.13		1,303	1,042	0	2,345
4	2 1999 solution tanks		2009	Facilities Demolition				ARO+LOM+FA	7660	C.F.	$0.16	0.13		1,241	993	0	2,234
5	5 1999 carbon columns		2009	Facilities Demolition				ARO+LOM+FA	6749	C.F.	$0.16	0.13		1,093	875	0	1,968
6	kiln		2009	Facilities Demolition				ARO+LOM+FA	290	C.F.	$0.16	0.13		47	38	0	85
7	carbon feed		2009	Facilities Demolition				ARO+LOM+FA	1256	C.F.	$0.16	0.13		203	163	0	366
8	carbon quench		2009	Facilities Demolition				ARO+LOM+FA	706	C.F.	$0.16	0.13		114	91	0	206
9	carbon strip		2009	Facilities Demolition				ARO+LOM+FA	604	C.F.	$0.16	0.13		98	78	0	176
10	2 cyanide mix		2009	Facilities Demolition				ARO+LOM+FA	6627	C.F.	$0.16	0.13		1,074	859	0	1,932
11	5 train D carbon columns		2009	Facilities Demolition				ARO+LOM+FA	7798	C.F.	$0.16	0.13		1,263	1,011	0	2,274
12	Pregnant solution tanks		2009	Facilities Demolition				ARO+LOM+FA	5321	C.F.	$0.16	0.13		862	690	0	1,552
13	D head		2009	Facilities Demolition				ARO+LOM+FA	805	C.F.	$0.16	0.13		130	104	0	235
14	D transfer		2009	Facilities Demolition				ARO+LOM+FA	2352	C.F.	$0.16	0.13		381	305	0	686
15	pre-dryer		2009	Facilities Demolition				ARO+LOM+FA	8738	C.F.	$0.16	0.13		1,416	1,132	0	2,548
16	Victor fresh water		2009	Facilities Demolition				ARO+LOM+FA	6842	C.F.	$0.16	0.13		1,108	887	0	1,995
17	detox		2009	Facilities Demolition				ARO+LOM+FA	1413	C.F.	$0.16	0.13		229	183	0	412
18	4 Pregnant solution tanks		2009	Facilities Demolition				ARO+LOM+FA	27369	C.F.	$0.16	0.13		4,434	3,547	0	7,981
19	fire water		2009	Facilities Demolition				ARO+LOM+FA	11083	C.F.	$0.16	0.13		1,795	1,436	0	3,232
20	4 bulk storage		2009	Facilities Demolition				ARO+LOM+FA	9236	C.F.	$0.16	0.13		1,496	1,197	0	2,693
21	2 SST solution		2009	Facilities Demolition				ARO+LOM+FA	3392	C.F.	$0.16	0.13		550	440	0	989
22	fuel		2009	Facilities Demolition				ARO+LOM+FA	785	C.F.	$0.16	0.13		127	102	0	229
23	fuel		2009	Facilities Demolition				ARO+LOM+FA	502	C.F.	$0.16	0.13		81	65	0	146
24	fuel		2009	Facilities Demolition				ARO+LOM+FA	785	C.F.	$0.16	0.13		127	102	0	229
25	prill		2009	Facilities Demolition				ARO+LOM+FA	25132	C.F.	$0.16	0.13		4,071	3,257	0	7,328
26	20 carbon columns		2009	Facilities Demolition				ARO+LOM+FA	26998	C.F.	$0.16	0.13		4,374	3,499	0	7,873
27	intermediate		2009	Facilities Demolition				ARO+LOM+FA	8042	C.F.	$0.16	0.13		1,303	1,042	0	2,345
28	2 barren		2009	Facilities Demolition				ARO+LOM+FA	29412	C.F.	$0.16	0.13		4,765	3,812	0	8,577
29	acid mix		2009	Facilities Demolition				ARO+LOM+FA	1070	C.F.	$0.16	0.13		173	139	0	312
30	acid neutralization		2009	Facilities Demolition				ARO+LOM+FA	1070	C.F.	$0.16	0.13		173	139	0	312
31	acid neut scrubber		2009	Facilities Demolition				ARO+LOM+FA	1070	C.F.	$0.16	0.13		173	139	0	312
32	concentrated acid		2009	Facilities Demolition				ARO+LOM+FA	936	C.F.	$0.16	0.13		152	121	0	273
33	sodium hydroxide		2009	Facilities Demolition				ARO+LOM+FA	2674	C.F.	$0.16	0.13		433	347	0	780
34	kiln		2009	Facilities Demolition				ARO+LOM+FA	290	C.F.	$0.16	0.13		47	38	0	85
35	feed		2009	Facilities Demolition				ARO+LOM+FA	1256	C.F.	$0.16	0.13		203	163	0	366
36	quench		2009	Facilities Demolition				ARO+LOM+FA	706	C.F.	$0.16	0.13		114	91	0	206
37	strip		2009	Facilities Demolition				ARO+LOM+FA	604	C.F.	$0.16	0.13		98	78	0	176
38	2 preg		2009	Facilities Demolition				ARO+LOM+FA	5348	C.F.	$0.16	0.13		866	693	0	1,559
39	transfer water		2009	Facilities Demolition				ARO+LOM+FA	668	C.F.	$0.16	0.13		108	87	0	195
40	pretreatment		2009	Facilities Demolition				ARO+LOM+FA	602	C.F.	$0.16	0.13		98	78	0	176
41	2 NaCN		2009	Facilities Demolition				ARO+LOM+FA	6684	C.F.	$0.16	0.13		1,083	866	0	1,949
42	carbon attrition		2009	Facilities Demolition				ARO+LOM+FA	134	C.F.	$0.16	0.13		22	17	0	39
43	E cell tanks		2009	Facilities Demolition				ARO+LOM+FA	267	C.F.	$0.16	0.13		43	35	0	78
44	thickener		2009	Facilities Demolition				ARO+LOM+FA	8556	C.F.	$0.16	0.13		1,386	1,109	0	2,495
45	thickener		2009	Facilities Demolition				ARO+LOM+FA	8556	C.F.	$0.16	0.13		1,386	1,109	0	2,495
46	process water		2009	Facilities Demolition				ARO+LOM+FA	55481	C.F.	$0.16	0.13		8,988	7,190	0	16,178
47	thickener		2009	Facilities Demolition				ARO+LOM+FA	48128	C.F.	$0.16	0.13		7,797	6,237	0	14,034
48	2 NaCN		2009	Facilities Demolition				ARO+LOM+FA	6684	C.F.	$0.16	0.13		1,083	866	0	1,949
49	6 leach		2009	Facilities Demolition				ARO+LOM+FA	138770	C.F.	$0.16	0.13		22,481	17,985	0	40,465
50	PS stabilization		2009	Facilities Demolition				ARO+LOM+FA	163029	C.F.	$0.24	0.18		38,736	29,932	0	68,668
51	8 CoMag clarifier		2009	Facilities Demolition				ARO+LOM+FA	88514	C.F.	$0.24	0.18		21,031	16,251	0	37,282
52	coagulant		2009	Facilities Demolition				ARO+LOM+FA	45160	C.F.	$0.16	0.13		7,316	5,853	0	13,169
53	precoat		2009	Facilities Demolition				ARO+LOM+FA	45160	C.F.	$0.16	0.13		7,316	5,853	0	13,169
54	comag process tanks		2009	Facilities Demolition				ARO+LOM+FA	28979	C.F.	$0.16	0.13		4,695	3,756	0	8,450
55	2 wet wells		2009	Facilities Demolition				ARO+LOM+FA	38603	C.F.	$0.24	0.18		9,172	7,088	0	16,260
56	gravity thickener		2009	Facilities Demolition				ARO+LOM+FA	51051	C.F.	$0.24	0.18		12,130	9,373	0	21,503
											183,176	**144,329**	**113,506**	**183,176**	**144,329**	**113,506**	**441,011**

Notes: **Formally User 5. RSMeans 2018 unit costs used**

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Other Demoltion and Equipment Removal - ARO Cost Summary				
	Labor $	Equipment $	Materials $	Totals $
Other Demolition	74,097	35,720	0	109,818
Equipment Removal	3,490	2,792	113,506	119,787
TOTALS	**77,587**	**38,512**	**113,506**	**229,605**

Closure Cost Estimate
Well Abandonment

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Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Well Abandonment - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Production, Dewatering, Infiltration Wells	0	0	0	0
Monitoring Wells	39,581	60,460	2,919	102,960
TOTALS	**39,581**	**60,460**	**2,919**	**102,960**

Well seal thickness: 5 ft
Minimum seal above groundwater table: 20 ft

Production, Dewatering and Infiltration Well Closure

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Number of Holes	Casing Diam in	Average Depth[1] ft bgs	Depth to First Water ft bgs	Original Static Water Level ft bgs	Top of Slotted Casing[2] ft bgs	Blank Casing Below Top of Screen[2] ft	Type of Pump (if any) (select)	Depth to Pump ft bgs	Hole Plug Method (select)	Casing Volume per ft cf	Perforation Length[3,4] ft	Grout Volume per Hole[4,5] cy	Cement Volume per Hole[6] cy	Inert Media Volume per Hole[7] cy	Pump Removal Labor Cost $	Pump Removal Equip Cost $	Perf Labor Cost $	Perf Equip Cost[8] $	Grout + Cement Labor Cost[9] $	Grout + Cement Equip Cost[9] $	Grout + Cement Material Cost $	Inert Media Labor Cost[10] $	Inert Media Equip Cost[9] $	Total Cost $
																								0	0	0	0	0	0	0	0	0	0

(1) For previously abandoned holes enter "0" for depth
(2) Wells abandoned per Nevada Administrative Code (NAC 534.420). Hole grouted and perforated from bottom to 50 feet (15.24m) above the top of the screen, or first water encountered or original static water level, depending on vertical hydraulic gradient and well construction parameters. Inert media (cuttings or alluvium) used from top of grout to top seal.
(3) Perforation length = amount of blank casing below first water (for confined aquifers) or predicted recovered water table (unconfined aquifers) + 50 feet (15.24m) of blank casing above water table
(4) Assumes 50' (15.24m) sanitary seal at top of hole. Therefore, perforation and grouting only required to bottom of sanitary seal.
(5) Assumes 100% loss to formation for grout (abandonite) for screened and perforated sections.
(6) Assumes 10' (3m) top seal of cement in casing only. See note 4.
(7) Inert material is cuttings or alluvium sourced locally.
(8) Includes perforation tool wear cost/ft of perforation (see Productivty Sheet).
(9) See Productivity Sheet for hourly production. Minimum 1 hr per hole + fixed hours per hole for move and setup. If no perforation required, use standard drill rig.
(10) See Productivity Sheet for hourly production. Minimum 1 hr per hole.

Notes:

Monitoring Well/Piezometer Closure

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Number of Holes	Casing Diam in	Average Depth ft bgs	Top of Screen[1] ft bgs	Hole Plug Method (select)	Casing Volume per ft ft3	Grout Volume/ Well[2,3] cy	Cement Volume per Hole[4] cy	Inert Backfill Volume per Hole[5] cy	Total Grouting Hours/ Hole hrs	Total Inert Media Hours/ Hole hrs	Grout + Cement Labor Cost[6] $	Grout + Cement Equip Cost[6] $	Grout + Cement Material Cost $	Inert Material Labor Cost[7] $	Inert Material Equip Cost[7] $	Total Cost $
1	All Monitroing wells		2009	Drill Hole Abandonment				ARO+LOM+FA	71	4.0	227	140	Grout Only	0.090	0.93	0.02		3.5	0.0	39,581	60,460	2,919	0	0	102,960
																				39,581	**60,460**	**2,919**	**0**	**0**	**102,960**

Wells abandoned per NAC 534.420 with bentonite grout placed to 50 feet above the top of the screen (see note 1).
(1) Assumes top of screen is at or above the static water level (in unconfined aquifers) or the depth of first water encountered (in confined aquifers).
(2) Assumes 25% loss to formation for grouting
(3) Grouting only required to 50' (15.24m) above the top of screen because monitor wells are constructed with a seal in the annular space.
(4) Assumes top 10' (3m) plugged with cement.
(5) Assumes hole plugged with inert material (cuttings or alluvium) above grout up to cement surface plug.
(6) See Productivity Sheet for hourly production. Minimum 1 hr per hole + fixed hours per hole for move and setup (see Productivty Sheet).
(7) See Productivity Sheet for hourly production. Minimum 1 hr per hole.

Notes:

Closure Cost Estimate
Waste Disposal

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Waste Disposal - ARO Cost Summary

	Labor $	Equipment $	Materials $	Fees $	Totals $
Solid Waste - On Site	0	0	N/A	N/A	0
Solid Waste - Off Site	N/A	0	N/A	N/A	0
Solid Waste Total	**0**	**0**	**0**		**0**
Hazardous Materials	N/A	N/A	N/A	2,824,899	2,824,899
Hydrocarbon Contaminated Soils	0	0	N/A	0	0
TOTALS	**0**	**0**	**0**	**2,824,899**	**2,824,899**

Waste Disposal - User Input - Solid Waste

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Waste Type (select)	Disposal Method (select)	Quantity cy	Landfill (Bulk) Disposal: Distance to Landfill ft	Landfill (Bulk) Disposal: Slope to Landfill % grade	Landfill (Bulk) Disposal: Number of Trucks (user override)	Dumpster: Months Dumpster Rental months

Notes:
1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivty Sheet)

Waste Disposal - User Input - Hazardous Materials

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Waste Type (select)	Container Type (select)	Vacuum Truck Size (select)	Liquid Quantity gallons	Soild Quantity cy	One Way Travel Distance to Disposal Site mi	One Way Travel Time to Disposal Site hr
1	**Waste**			**Facilities Demolition**				**ARO+LOM+FA**	**Waste Mgmt & Disposal**	**Liquid 55-gal drum**		**440,000**		**175**	**4.0**

Notes:
1. Use Other Demo & Equip Removal Sheet for tank removal

Waste Disposal - User Input - Hydrocarbon Contaminated Soils

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Waste Type (select)	Disposal Method (select)	Quantity cy	Travel Distance to Offsite Disposal mi

Notes:
1. Use Yards or Landfills Sheets for bioremediation facility reclamation

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Waste Disposal - ARO Cost Summary

	Labor $	Equipment $	Materials $	Fees $	Totals $
Solid Waste - On Site	0	0	N/A	N/A	0
Solid Waste - Off Site	N/A	0	N/A	N/A	0
Solid Waste Total	**0**	**0**	**0**		**0**
Hazardous Materials	N/A	N/A	N/A	2,824,899	2,824,899
Hydrocarbon Contaminated Soils	0	0	N/A	0	0
TOTALS	**0**	**0**	**0**	**2,824,899**	**2,824,899**

Waste Disposal - Assumptions & Calculations

Solid Waste Disposal

Off site disposal assumes use of average rolloff dumpster [30 cy (m3), 10 ton (tonne)]
On site disposal assumes use of small loader/truck fleet for haulage
Average density for on site disposal = 2,600 lb/cy (1,540 kg/m3)
For on site disposal only 1 truck is required unless total truck hours > 8, only 2 trucks unless total truck hours are > 16

Hazardous Materials Disposal

Assumes all hazardous materials are known
Enter EITHER solid or liquid quantity each line.
If container type = 55 gallon (200 liter) drum then solid waste hauling costs apply
Average density for solids assumed to be 2,600 lb/cy (1,540 kg/m3)
Vacuum truck sizes: small = 2,200 gal (~8,300 litres), large = 5,000 gal (~19,000 litres)
Vacuum truck on site for 4 hours for each load

Hydrocarbon Contaminated Soils Disposal

Assumes all hazardous materials are known
On site disposal assumes biopad treatment
Exavation productivity =45 cy./hr (35 m3/hr) (Means Heavy Construction, 2006: 02315-424-0360)

Waste Disposal - Solid Waste Disposal

							Off-Site	On-Site		
	Description (required)	Waste Volume cy	Number of Off Site Dumpster Loads	Landfill Fleet Equipment	Landfill Fleet Productivity LCY/hr	Number of Trucks	Total Fleet Hours hrs	Total Dumpster Cost $	Total Labor Cost $	Total Equipment Cost $	Total Waste Disposal Cost $
		0					0	**0**	**0**	**0**	**0**

Waste Disposal - Hazardous Materials Disposal

	Description (required)	Liquid Waste Volume gallons	Solid Waste Volume cy	Number of Truck Loads	Tons of Waste Tons	Pick-up Fees $	Transport Fees $	Disposal Fees $	Total Hazardous Material Cost $
1	**Waste**	440,000		100	1,833	2,068,240	211,974	544,685	2,824,899
		440,000	0		1,833	**2,068,240**	**211,974**	**544,685**	**2,824,899**

Waste Disposal - Hydrocarbon Contaminated Soils

	Description (required)	Quantity cy	Total Fleet Hours hrs	Treatment Cost $	Transport Fees $	Disposal Fees $	Total Labor Cost $	Total Equipment Cost $	Total Waste Disposal Cost $
		0	0	**0**	**0**	**0**	**0**	**0**	**0**

Closure Cost Estimate
Misc. Costs

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Fence Removal

											Costs		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Length ft	Type (select type)	Labor Cost $	Equipment Cost $	Total Cost $
1	Arequa fence removal		2009	Facilities Demolition				ARO+LOM+FA	3,450	Chain link 8 ft -10 ft Removal	9,833	3,416	13,249
2	Squaw fence removal		2009	Facilities Demolition				ARO+LOM+FA	8,835	Chain link 8 ft -10 ft Removal	25,180	8,747	33,927
											35,013	**12,163**	**47,176**

Notes:

Fence Installation

									Input		Costs			
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Length ft	Type (select type)	Labor Cost $	Equipment Cost $	Material Cost $	Total Cost $
1	Cresson Fencing		2009	Facilities Demolition				ARO+LOM+FA	22,542	Chain link 8 ft -10 ft Install	201,075	31,108	882,294	1,114,477
2	Globe Hill Fencing		2009	Facilities Demolition				ARO+LOM+FA	16,764	Chain link 8 ft -10 ft Install	149,535	23,134	656,143	828,812
											350,610	**54,242**	**1,538,437**	**1,943,289**

Notes:

Culvert & Buried Pipe Removal

									Input			Costs		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Length ft	Type (select type)	Location (select)	Labor Cost $	Equipment Cost $	Total Cost $
1	Ironclad Access Road Culvert 1		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	846	294	1,140
2	Ironclad Access Road Culvert 2		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	846	294	1,140
3	Ironclad Access Road Culvert 3		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	846	294	1,140
4	Ironclad Access Road Culvert 4		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	846	294	1,140
												3,384	**1,176**	**4,560**

Notes:

Closure Cost Estimate
Misc. Costs

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Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Surface Pipe Removal

									Input			Costs		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Length ft	Type (select type)	Location (select)	Labor Cost $	Equipment Cost $	Total Cost $
1	Arequa Large Pipes		2009	Facilities Demolition				ARO+LOM+FA	6,900	20 in (500 mm) - 36 in (1 m)	Off site	70,104	8,556	78,660
2	Arequa Small Pipes		2009	Facilities Demolition				ARO+LOM+FA	21,200	20 in (500 mm) - 36 in (1 m)	Off site	215,392	26,288	241,680
3	Squaw Large Pipes		2009	Facilities Demolition				ARO+LOM+FA	4,082	20 in (500 mm) - 36 in (1 m)	Off site	41,473	5,062	46,535
4	Squaw Small Pipes		2009	Facilities Demolition				ARO+LOM+FA	12,422	20 in (500 mm) - 36 in (1 m)	Off site	126,208	15,403	141,611
5	TR76 barren pipe		2009	Facilities Demolition				ARO+LOM+FA	300	20 in (500 mm) - 36 in (1 m)	Off site	3,048	372	3,420
												456,225	**55,681**	**511,906**

Notes:

Power Line and Substation Removal

									Input				Costs			Cost Breakdown	
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phase	Location	Property	Cost Type	Power Line Length miles	Power Line Type (select)	Number of Substations #	Location (select)	Power Line Removal $	Substation Removal $	Total Cost $	Labor Cost $	Equipment Cost $
1	Powerlines		2009	Facilities Demolition				ARO+LOM+FA	7.2	Single Pole Powerlines		On site	347,098	0	347,098	69,420	277,678
2	Crusher and ADR 1 Lines		2009	Facilities Demolition				ARO+LOM+FA	1.9	Double Pole Powerlines		On site	106,333	0	106,333	21,267	85,066
													453,431	**0**	**453,431**	**90,687**	**362,744**

Notes: If substation owned by operator, use Other Demo & Equipment Removal sheet
User may need to add line items in Foundations & Buildings for substation slab demolition and fence removal
Labor/Equipment costs assume approximately 80% of cost are equipment and 20% are labor related costs
Assumed average spacing of 250 FT between poles

Rip-Rap & Rock Lining

									Input			Costs			
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Area S.Y.	Type (select type)	Crew (select type)	Labor Cost $	Equipment Cost $	Material Cost $	Total Cost $
												0	**0**	**0**	**0**

Notes:

Closure Cost Estimate
Monitoring

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Reclamation Monitoring & Maintenance - ARO Cost Summary

	Labor $	Equipment $	Lab & Materials $	Totals $
Reclamation Monitoring	183,850	13,485	N/A	197,335
Water Quality Monitoring	653,884	166,135	915,115	1,735,134
Pump Costs	N/A	2,872	N/A	2,872
TOTAL	**0**	**837,734**	**182,492**	**915,115**

Reclamation Monitoring

	Description (required)	Staff	ID Code	Construction Year (1)	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Number of Staff	Number of Trucks	Hrs/Day	Days/Year	Number of Years
1	Field Work: Range Scientist	Range Scientist		2009	Monitoring				ARO+LOM+FA	1	1	10	5	10
2	Reporting: Range Scientist	Range Scientist		2009	Monitoring				ARO+LOM+FA	1		8	2	10
3	Travel: Range Scientist	Range Scientist		2009	Monitoring				ARO+LOM+FA	1		10	1	10
4	Ground & Surface Water Monitoring: R	Field Geologist/Engineer		2009	Monitoring				ARO+LOM+FA	1		8	5	14

Notes:

Water and Rock Sample Analysis

	Description (required)	Analysis Type	ID Code	Construction Year (1)	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Samples #	Events/Year #	No. Years #	First Sample Year closure year	No. of Samplers #	Days/Event #	Hrs/Day #	Reporting Hours/Event #	Comments
1	Water Analysis (Complete) (1)	Water Analysis (Profile I) (1)		2009	Monitoring				ARO+LOM+FA	21	4	14	1	1	4	10		
2	Water Analysis (Complete) (1)	Water Analysis (Profile I) (1)		2009	Monitoring				ARO+LOM+FA	14	4	14	1	1	4	10		
3	Water Analysis (Complete) (1)	Water Analysis (Profile I) (1)		2009	Monitoring				ARO+LOM+FA	1	12	14	1	1	1	10		

Notes:
(1) This is the first year that the monitoring commitment is made (e.g. included in permit or approved monitoring plan)
(2) Monitoring may not extend beyond the maximum number of schedule years (100)
(3) First Sample Year can not be before first closure year shown in schedule (-21).

Groundwater Monitoring Pump Costs

	Description (required)	ID Code	Construction Year (1)	Facility/Activity Type	Phases	Locations	Properties	Cost Type	No. of units	Replacement period (1) (yrs)	Replacement Period Start Year (closure year)	Replacement Period End Year (closure year)	Pump Cost	# Monitor Yrs in Schedule	Total $
1	Ground & Surface Water Monitoring		2009	Monitoring				ARO+LOM+FA	1	14	1	13	2,872	14	2,872

Notes: (1) Replacement period = frequency of pump replacement

Reclamation Monitoring

	Description (required)	Labor Rate $/hr	Equipment Rate $/hr	Labor Cost $	Equipment Cost $	Total $
1	Field Work: Range Scientist	132.56	26.97	66,280	13,485	79,765
2	Reporting: Range Scientist	132.56	0.00	21,210	0	21,210
3	Travel: Range Scientist	132.56	0.00	13,256	0	13,256
4	Ground & Surface Water Monitoring: R	148.40	0.00	83,104	0	83,104
				183,850	**13,485**	**197,335**

Water and Rock Sample Analysis

	Description (required)	Analysis Cost $/sample	Supplies $/sample	Labor Cost $	Equipment Cost $	Material Cost $	Lab Cost $	Reporting Cost $	Total $
1	Water Analysis (Complete) (1)	423.33	6.71	237,776	60,413	7,885	497,836	0	803,910
2	Water Analysis (Complete) (1)	423.33	6.71	237,776	60,413	5,257	331,891	0	635,336
3	Water Analysis (Complete) (1)	423.33	6.71	178,332	45,310	1,126	71,119	0	295,888
				653,884	**166,135**	**14,269**	**900,846**	**0**	**1,735,134**

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Reclamation Maintenance - Cost Summary

	Labor	Equipment	Lab & Materials	Totals
Revegetation Maintenance	64,043	23,323	192,472	279,838
Cover Maintenance	0	0	N/A	0
Growth Media Maintenance	28,479	85,438	N/A	113,917
TOTAL	**92,522**	**108,761**	**192,472**	**393,755**

Revegetation Maintenance

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Revegetation Surface Area (user override)	% Area Requiring Reseeding	Seed Mix (select)	Area Requiring Reseeding acres	Seed $/acres	Labor $/acres	Equipment $/acres	Labor Cost $	Equipment Cost $	Material Cost $	Total $
1	**Revegetation Maintenance**		**2009**	**Monitoring**				**ARO+LOM+FA**		**10%**	**User Mix 1**	439.7	437.75	145.66	53.05	64,043	23,323	192,472	279,838
															Total Revegetation Matinenance	**64,043**	**23,323**	**192,472**	**279,838**

Notes: 1) Calculated based on cost type and current filters - (See Reclamation Quantities sheet)
2) Will use values from Reclamation Quantities sheet if user does not override
3) Surface area is NOT the same as footprint disturbance area typically used for permitting purposes.

	Total Cover Volume cy	Average Placement Cost $/cy
Information from Reclamation Quantities Sheet:	66,733	4.07

Cover Maintenance

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Total Cover Volume (1) (user override)	% Volume Requiring Maintenance	Average Placement Cost (1) (user override)	Volume Requiring Replacement cy	Labor (assume: 25%) $/cy	Equipment (assume: 75%) $/cy	Labor Cost $	Equipment Cost $	Total $
														Total Cover Maintenance	**0**	**0**	**0**

Notes: 1) Will use values from Reclamation Quantities sheet if user does not override

	Total GM Volume cy	Average Placement Cost $/cy
Information from Reclamation Quantities Sheet:	2,287,498	2.49

Growth Media Maintenance

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Total Volume (user override)	% Volume Requiring Maintenance	Average Placement Cost (user override)	Volume Requiring Replacement cy	Labor (assume: 25%) $/cy	Equipment (assume: 75%) $/cy	Labor Cost $	Equipment Cost $	Total $
1	**Erosion Maintenance**		**2009**	**Monitoring**				**ARO+LOM+FA**		**2%**		45,750	0.62	1.87	28,479	85,438	113,917
														Total Growth Media Maintenance	**28,479**	**85,438**	**113,917**

Notes: 1) Will use values from Reclamation Quantities sheet if user does not override

Closure Cost Estimate
Constr. Mgmt

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Construction Management & Road Maintenance - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Construction Management	2,734,234	724,954	N/A	3,459,188
Road Maintenance	903,859	1,970,842	N/A	2,874,701
Water Feets	N/A	N/A	0	0
TOTAL	**3,638,093**	**2,695,796**	**0**	**6,333,889**

Construction Management

									Construction Management Staff			Construction Support		
	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Duration mo.	Hours/ Month hrs	Number of Supervisors	Temporary Office Units	Temporary Toilet Units	First Construction Year closure year
1	**Active Reclamation**		**2009**	**Consultants Services**				**ARO+LOM+FA**	**168**	**160**	**1**			

Notes:

Road Maintenance

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Water Truck (select)	Grader (select)	Fleet Size number	Duration mo.	First Maintenance Year closure year	Hours/ Month hrs	Equipment Fleet	Fleet Hours hrs	Labor Cost $	Equipment Cost $	Totals $
1	**Active Reclamation**		**2009**	**Roads, Railroads, Airstrips**				**ARO+LOM+FA**	**Large**	**Medium**	**1**	**48**	**1**	**160**	621E (8,000 gal)/14M	7,680	903,859	1,970,842	2,874,701
																	903,859	**1,970,842**	**2,874,701**

Notes:

Water Fees

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Gallons/Day	Days/ Month	Duration mo.	First Year closure year	Cost/ Gallon $	Totals $
														0

Notes:

Construction Management

		Construction Management Staff				Construction Support				
	Description (required)	Supervisor Rate $/hr	Labor Cost $	Equipment Cost[1] $	Total $	Office Rental Rate $/mo	Toilet Rental Rate $/mo	Generator Cost $/mo	Total $	Totals Construction Mgmt $
1	**Active Reclamation**	101.72	2,734,234	724,954	3,459,188	0	0	0	0	3,459,188
		102	**2,734,234**	**724,954**	**3,459,188**				**0**	**3,459,188**

Notes: Office rental assumes only 1 generator required for every 4 trailers

Closure Cost Estimate
Other User

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Other Cost Items Calculated Elsewhere

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Quantity	Units	Total Capital Cost $	Material Unit Cost $	Labor Unit Cost $	Equipment/ Operating Unit Cost $	Total Cost $	Comments
1	Safety signs		2009	Owner's Management (Post Closure)				ARO+LOM+FA	111			201.30	42.88		27,104	
2	Tire disposal		2009	Facilities Demolition				ARO+LOM+FA	50			1,005.07			50,254	
3	Tree planting; East Cresson Wildhorse		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	89			1,104.09	42.88		101,736	
4	Tree planting; WHEX Grassy Valley		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0			1,104.09	42.88		0	
5	Tree planting; N Cresson		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	23			1,104.09	42.88		26,380	
6	Tree planting; Main Cresson		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	59			1,104.09	42.88		67,671	
7	Tree planting; E Cresson OSA		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	229			1,104.09	42.88		262,656	
8	Tree planting; Squaw OSA		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	42			1,104.09	42.88		48,058	
9	Tree planting; Arequa		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	115			1,104.09	42.88		131,902	
10	Tree planting; Squaw		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	85			1,104.09	42.88		97,492	
11	Tree planting; mill platform		2009	Facilities Demolition				ARO+LOM+FA	35			1,104.09	42.88		40,144	
12	Tree planting; 3 4 Ajax		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0			1,104.09	42.88		0	
13	Tree planting;Victor & Ironclad		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	42			1,104.09	42.88		48,058	
14	Tree planting; Building footprint		2009	Facilities Demolition				ARO+LOM+FA	87			1,104.09	42.88		99,901	
15	Tree planting; Ancillary		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	850			1,104.09	42.88		975,040	
16	Tree planting; replant areas that fail		2009	Monitoring				ARO+LOM+FA	327			1,104.09	42.88		375,174	
17	North Cresson Viewshed		2009	Owner's Management (Post Closure)				ARO+LOM+FA	1		1,531,823				1,531,823	
18	mob & demob		2009	Mobilization and Demobilization				ARO+LOM+FA	1			620,190.52			620,191	
19	Construct Closure Stormwater		2009	Drainage / Diversion Channels				ARO+LOM+FA	1		17,181,964				17,181,964	
20	Heaps: Rinsing VLF1 and VLF2		2009	Water Treatment-Leach Pad Drain Down				ARO+LOM+FA	1			66,634,831.23	40,524,409.21	2,905,747.45	110,064,988	
21	Drilling to perforate liner		2009	Water Treatment-Leach Pad Drain Down				ARO+LOM+FA	1		550,243				550,243	
22	VLF3 Rinse		2020	Water Treatment-Leach Pad Drain Down				LOM	1			0.00			0	
23	Chicago Tunnel		2009	Portals / Adits Underground Mines				ARO+LOM+FA	1		100,514				100,514	
24	Providence Mine		2009	Portals / Adits Underground Mines				ARO+LOM+FA	1		0				0	
											19,364,544	69,516,810	40,614,191	2,905,747	132,401,293	

Notes:
Capital cost is lump sum (i.e. not multiplied by the quantity).
Material, Labor and Equipment/Operating costs are unit costs (i.e. multiplied by the quantity).
mob/demob = 1% of labor & equipment costs from Earthwork/Recontouring

Closure Cost Estimate
Reclamation Quantities

Reclamation Quantity Summary - ARO

	Description	Total Regrade or Haul Volume cy	Total Regrade or Haul Cost $	Total Backfill/Berm Volume cy	Backfill Cost $	Total Cover Volume cy	Cover Placement Cost $	Total Growth Media Volume cy	Growth Media Placement Cost $	Revegetation Surface Area acres	Total Scarify Cost $	Total Revetation Cost $	Geosynthetics ft2	Geosynthetics Cost $	TOTALS $	Unit Costs: Regrade Unit Cost $/CY	Backfill or Berm Construction Unit Cost $/CY	Material Haul Unit Cost $/CY	Cover Unit Cost $/CY	Growth Media Unit Cost $/CY	Scarify Unit Cost $/ac	Revegetation Unit Cost $/ac	Geosynthetics $/ft2	Area Unit Cost $/acres
1	Waste Rock Dumps	11,765,593	10,444,530			-	0	1,273,003	2,973,883	1,578.26	391,646	2,200,938			16,010,997	0.89	N/A	N/A		2.34	248.15	1,394.53	N/A	10,144.71
2	Tailings Impoundments	-	0			-	0	-	0	-	0	0			0		N/A	N/A					N/A	
3	Heap Leach Pads	11,147,897	4,189,059	-	0	-	0	1,005,100	2,706,019	1,245.99	221,469	1,737,581			8,854,128	0.38		N/A		2.69	177.75	1,394.54	N/A	7,106.10
4	Open Pits			-	0					-		0			0	N/A		N/A	N/A	N/A	N/A		N/A	
5	Quarries & Borrow Pits	-	0	-	0	-	0	-	0	-	0	0			0			N/A					N/A	
6	Roads	-	0					-	0	-	0	0			0		N/A	N/A	N/A				N/A	
7	Ponds			166,414	438,343			9,395	24,612	11.60		16,337	374	88,551	567,843	N/A	2.63	N/A	N/A	2.62	N/A	1,408.34	236.77	48,951.96
8	Yards	-	0			-	0	-	0	1,549.80	275,364	2,161,244			2,436,608		N/A	N/A			177.68	1,394.53	N/A	1,572.21
9	Landfills	-	0			-	0	-	0	-	0	0			0		N/A	N/A					N/A	
10	Generic Haulage/Backfill	24,883,444	39,979,480			-	0	-	0	-	0	0			39,979,480	N/A	N/A	1.61						
11	Buildings	-	0			66,733	271,368	-	0	11.20	12,887	27,632			311,887		N/A	N/A	4.07		1,150.63	2,467.15		27,847.06
12	Diversion Ditches	-	0							-		0	-	0	0			N/A						
13	Sediment Ponds	-	0					-	0	-	0	0	-	0	0			N/A						
14	Exploration Roads	-	0					-	0	-	0	0			0		N/A	N/A						
15	Exploration Trenches	-	0							-		0			0		N/A	N/A						
16	Adit/Decline Backfilling1			-	0										0	N/A		N/A	N/A	N/A	N/A	N/A		
17	Shaft Backfilling			-	0										0	N/A		N/A	N/A	N/A	N/A	N/A		
	TOTALS	47,796,934	54,613,069	166,414	438,343	66,733	271,368	2,287,498	5,704,514	4,396.85	901,366	6,143,732	374	88,551	68,160,943									
	Average Costs	per CY	1.14	per CY	2.63	per CY	4.07	per CY	2.49	per acre	205.00	6.82	per CY	236.77	15,502	per acre								

Closure Cost Estimate
Labor Rates

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Color Code Key	
User Input - Direct Input	Direct Input
User Input - Pull Down List	Pull Down Selection
Program Constant (can override)	Alternate Input
Program Calculated Value	Locked Cell - Formula or Reference

ZONE ADJUSTMENTS			
Cost Basis/Project Region	AM-14 CC&V - US	Adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03	
Power Equipment Operators	0-50 miles	0.00	
Truck Drivers	0-50 miles	0.00	
Laborers	0-50 miles	0.00	
INDIRECT COSTS			
Unemployment (%)	3.12%		
Retirement/SS/Medicare (%)	7.96%		
Workman's Compensation (%)	7.80%		
Other Indirects			
State Payroll Tax (13),(15),(17),(18)			
Total Other Indirects	**0.00%**		

HOURLY LABOR RATE TABLE

EQUIPMENT TYPE (1) OR JOB DESCRIPTION	Labor Group	Base Rate $/hr	Zone Adjustment $/hr	Hourly Wage $/hr	Fringe $/hr	Retirement/ Medicare $/hr	Unemployment Insurance $/hr	Workman's Compensation $/hr	Other Indirect Costs $/hr	Additional User Markups to Base Rate† $/hr	Additional User Markups to Base Rate† %	Additional User Markups to Base Rate† $/hr	Total $/hr
Equipment Operators (2)													
Bulldozers													
D6T		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
D6R w/ Winch		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
D7E		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
D8T		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
D9T		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
D10T2		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
D11T		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
Wheeled Dozers													
824K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
834K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
844K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
854K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
Motor Graders													
12M2		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
14M		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
16M3		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
24M		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
Track Excavators													
312F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
320F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
325F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
330F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
349F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
374F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
390F		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
Scrapers													
631K		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
637K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
Wheeled Loaders													
926M		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
930M		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
950M		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
966M		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
972M		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
980M		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
988K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
990K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
992K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
994K		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
L2350		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
Shovels/Excavators													
PC2000					26.05							0	0.00
PC3000					26.05							0	0.00
PC4000					26.05							0	0.00
PC5500					26.05							0	0.00
PC8000					26.05							0	0.00
EX2500					26.05							0	0.00
Hydraulic Hammers													
H120Es (fits 325)													
H160Es (fits 349)													
H180Es (fits 374/390)													
Demolition Shears													
S3050 (fits 320/325/330)													
S3070 (fits 330/349)													
S3090 (fits 374/390)													
Demolition Grapples													
G315B (fits 320/325)													
G320B (fits 325/330)													
G330 (fits 349/374)													

Closure Cost Estimate
Labor Rates

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Color Code Key	
User Input - Direct Input	Direct Input
User Input - Pull Down List	Pull Down Selection
Program Constant (can override)	Alternate Input
Program Calculated Value	Locked Cell - Formula or Reference

ZONE ADJUSTMENTS			
Cost Basis/Project Region	AM-14 CC&V - US	Adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03	
Power Equipment Operators	0-50 miles	0.00	
Truck Drivers	0-50 miles	0.00	
Laborers	0-50 miles	0.00	
INDIRECT COSTS			
Unemployment (%)	3.12%		
Retirement/SS/Medicare (%)	7.96%		
Workman's Compensation (%)	7.80%		
Other Indirects			
State Payroll Tax (13),(15),(17),(18)			
Total Other Indirects	**0.00%**		

HOURLY LABOR RATE TABLE

Other Equipment													
420F2		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
430F2		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
CS54B		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
CS64B		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
CP54B		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
CP68B		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
Light Truck - 1.5 Ton		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
Supervisor's Truck		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
Flatbed Truck		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
Air Compressor + tools		37.25	0.00	37.25	26.05	2.96	1.16	2.91	0.00			0	70.34
Welding Equipment		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
Heavy Duty Drill Rig		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
Pump (plugging) Drill Rig		39.41	0.00	39.41	26.05	3.14	1.23	3.08	0.00			0	72.90
Concrete Pump					26.05							0	
Gas Engine Vibrator		38.79	0.00	38.79	26.05	3.09	1.21	3.03	0.00			0	72.17
Generator 5KW					26.05							0	
HDEP Welder (pipe or liner)					26.05							0	
5 Ton Crane		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
20 Ton Crane		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
50 Ton Crane		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98
120 Ton Crane		40.31	0.00	40.31	26.05	3.21	1.26	3.15	0.00			0	73.98

NOTES:

(1) Equipment Type:	Catepillar model or equivalent, LeTourneau	
(2) Equipment Operator Source:	BP22 +3%	
(3) Zone Basis:		

Truck Drivers (4)

725C2		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
730C2		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
735C		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
740C		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
770G		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
773G		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
777G		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
785D		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
789D		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
793F		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
797F		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
613E (5,000 gal)		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
621E (8,000 gal)		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
777G H2O Truck		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
785D H2O Truck		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
Dump Truck (10-12 yd3)		33.09	0.00	33.09	4.37	2.63	1.03	2.58	0.00			0	43.71
Tractor/Trailer (20 ton)		0.00		0.00	4.37	0.00	0.00	0.00	0.00			0	4.37
Tractor/Trailer (50 ton)		0.00		0.00	4.37	0.00	0.00	0.00	0.00			0	4.37
Tractor/Trailer (80 ton)		0.00		0.00	4.37	0.00	0.00	0.00	0.00			0	4.37

NOTES:

(4) Truck Driver Source:	
(5) Zone Basis:	

Closure Cost Estimate
Labor Rates

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Color Code Key	
User Input - Direct Input	**Direct Input**
User Input - Pull Down List	**Pull Down Selection**
Program Constant (can override)	**Alternate Input**
Program Calculated Value	**Locked Cell - Formula or Reference**

ZONE ADJUSTMENTS

Cost Basis/Project Region	**AM-14 CC&V - US**	Adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03
Power Equipment Operators	**0-50 miles**	0.00
Truck Drivers	**0-50 miles**	0.00
Laborers	**0-50 miles**	0.00

INDIRECT COSTS

Unemployment (%)	3.12%
Retirement/SS/Medicare (%)	7.96%
Workman's Compensation (%)	7.80%

Other Indirects

State Payroll Tax (13),(15),(17),(18)	
Total Other Indirects	**0.00%**

HOURLY LABOR RATE TABLE

Laborers (6,7)

General Laborer		26.74	0.00	26.74	11.09	2.13	0.83	2.09	0.00			0	42.88
Skilled Laborer		27.26	0.00	27.26	11.09	2.17	0.85	2.13	0.00			0	43.50
Driller's Helper		27.00	0.00	27.00	11.09	2.15	0.84	2.11	0.00			0	43.19
Rodmen (reinforcing concrete)		26.74	0.00	26.74	11.09	2.13	0.83	2.09	0.00			0	42.88
Cement finisher		27.00	0.00	27.00	11.09	2.15	0.84	2.11	0.00			0	43.19
Carpenter		37.70	0.00	37.70	0.00	3.00	1.18	2.94	0.00			0	44.81

NOTES:

(6) Laborer Source:	BP22 + 3%
(7) Carpenter Source:	BP22 + 3%
(8) Zone Basis:	

Project Management and Technical Labor (9)

Project Manager		76.23	0.00	76.23	11.09	6.06	2.38	5.95	0.00			0	101.72
Foreman		70.92	0.00	70.92	11.09	5.64	2.21	5.53	0.00			0	95.40
Field Geologist/Engineer		115.50	0.00	115.50	11.09	9.19	3.61	9.01	0.00			0	148.40
Field Tech/Sampler		79.96	0.00	79.96	11.09	6.36	2.50	6.24	0.00			0	106.15
Range Scientist		102.17	0.00	102.17	11.09	8.13	3.19	7.97	0.00			0	132.56
Senior Planning Engineer					11.09								
Project Engineer					11.09								
Mechanic/Fitter					11.09								
					11.09								
					11.09								
					11.09								
					11.09								
Mechanic/Fitter		**39.01**		39.01	**10.90**	3.10	1.22	3.04	0.00			0	57.27

NOTES:

(9) Project Manager:	BP22 + 3%
(9) Foreman Source:	BP22 + 3%
(9) Techical Labor Source:	BP22 + 3%
Other Labor Source:	
Other Labor Source:	**Mechanic/Fitter: SRCE_AM13_FW_V2.xlsx, with 1.032 scaling factor for US labor**
†Additional User Markups	
(These are added by the user to the	
base rate to account for site-specific	
conditions or corporate requirements)	

Closure Cost Estimate
Equipment Costs

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm

Monthly Rental Basis:	160	hrs month
Wet Rates?	No	

EQUIPMENT RENTAL RATE TABLE

EQUIPMENT TYPE (1)	Monthly Owner/Rental Rate $/mo	Equipment Hourly Rate $/hr	Fuel/Lube/ Wear $/hr	Total Rate $/hr
Bulldozers				
D6T	11,250.84	70.32	30.23	100.55
D6R w/ Winch	11,250.84	70.32	30.23	100.55
D7E	12,279.92	76.75	28.81	105.56
D8T	23,371.63	146.07	46.06	192.13
D9T	31,381.42	196.13	61.18	257.32
D10T2	43,496.90	271.86	82.96	354.81
D11T	67,897.60	424.36	117.43	541.79
Wheeled Dozers				
824K			29.15	29.15
834K			34.19	34.19
844K			38.70	38.70
854K			49.02	49.02
Motor Graders				
12M2	10,386.21	64.91	32.23	97.15
14M	14,932.17	93.33	44.59	137.92
16M3	23,339.80	145.87	56.46	202.34
24M	25,673.78	160.46	74.69	235.15
Track Excavators				
312F	5,707.64	35.67	14.19	49.86
320F	6,439.66	40.25	19.15	59.40
325F	9,007.04	56.29	20.74	77.03
330F	11,685.81	73.04	26.26	99.30
349F	15,452.01	96.58	40.29	136.87
374F	19,899.83	124.37	44.73	169.10
390F	24,347.66	152.17	51.48	203.65
Scrapers				
631K	26,835.47	167.72	70.85	238.57
637K	37,131.50	232.07	102.41	334.48
Wheeled Loaders				
926M	5,145.37	32.16	19.04	51.19
930M	5,622.77	35.14	20.10	55.24
950M	8,221.98	51.39	27.81	79.20
966M	11,791.90	73.70	34.48	108.18
972M	14,932.17	93.33	39.31	132.63
980M	14,932.17	93.33	45.34	138.66
988K	24,888.71	155.55	67.40	222.95
990K	45,862.71	286.64	103.49	390.14
992K	66,836.70	417.73	134.95	552.68
994K	73,520.37	459.50	189.98	649.48
L2350			170.28	170.28
Shovels				
PC2000			95.46	95.46
PC3000			129.00	129.00
PC4000			180.60	180.60
PC5500			307.02	307.02
PC8000			384.42	384.42
EX2500			131.58	131.58
Hydraulic Hammers				
H120Es (fits 325)	6,163.83	38.52	5.96	44.49
H160Es (fits 349)	12,985.42	81.16	11.65	92.81
H180Es (fits 374/390)	17,526.07	109.54	13.80	123.34
Demolition Shears				
S3050 (fits 320/325/330)				0.00
S3070 (fits 330/349)				0.00
S3090 (fits 374/390)				0.00
Demolition Grapples				
G315B (fits 320/325)				0.00
G320B (fits 325/330)				0.00
G330 (fits 349/374)				0.00
Other Equipment				
420F2	2,864.43	17.90	20.31	38.22
430F2	3,660.11	22.88	21.21	44.08
CS54B	8,635.73	53.97	8.64	62.62
CS64B	8,635.73	53.97	8.64	62.62
CP54B	8,635.73	53.97	8.64	62.62
CP68B	8,635.73	53.97	9.29	63.26
Light Truck - 1.5 Ton	4,290.28	26.81	4.16	30.97
Supervisor's Truck	3,855.31	24.10	2.87	26.97
Flatbed Truck	4,290.28	26.81	13.72	40.54
Air Compressor + tools	6,099.11	38.12	2.58	40.70
Welding Equipment	3,220.89	20.13	5.16	25.29
Heavy Duty Drill Rig	34,799.64	217.50	30.96	248.46
Pump (plugging) Drill Rig	34,799.64	217.50	25.80	243.30
Concrete Pump	8,985.82	56.16	25.80	81.96
Gas Engine Vibrator	587.74	3.67	2.58	6.25
Generator 5KW	1,752.61	10.95	3.87	14.82
HDEP Welder (pipe or liner)	9,312.58	58.20	5.16	63.36
5 Ton Crane	8,252.74	51.58	7.74	59.32
20 Ton Crane	12,650.17	79.06	10.32	89.38
50 Ton Crane	12,650.17	79.06	12.13	91.19
120 Ton Crane	13,915.19	86.97	13.42	100.39
Trucks				
725C2	16,231.77	101.45	40.77	142.22
730C2	16,231.77	101.45	41.68	143.13
735C	16,231.77	101.45	54.72	156.17
740C	16,231.77	101.45	58.20	159.65
770G	22,968.49	143.55	30.74	174.30
773G	36,097.12	225.61	46.69	272.29
777G	59,092.13	369.33	71.25	440.57
785D	65,001.34	406.26	110.07	516.33
789D	71,501.48	446.88	110.07	556.96
793F	78,651.63	491.57	170.28	661.86
797F	86,516.79	540.73	234.85	775.58
613E (5,000 gal)	7,033.77	43.96	24.94	68.90
621E (8,000 gal)	11,903.30	74.40	44.30	118.70
777G H2O Truck	59,092.13	369.33	71.25	440.57
785D H2O Truck	65,001.34	406.26	110.07	516.33
Dump Truck (10-12 yd3)	12,533.47	78.33	14.51	92.84
Tractor/Trailer (20 ton)	13,786.82	86.17	36.12	122.29
Tractor/Trailer (50 ton)	15,165.50	94.78	46.44	141.22
Tractor/Trailer (80 ton)	16,682.05	104.26	56.76	161.02

NOTES:

Power Equipment Source:	
Power Equipment Type:	Catepillar model or equivalent, LeTourneau loader, Komatsu shovels
Drilliing Equipment Source:	
Other Equipment Source:	
Note:	Drill rig includes support (pipe) truck

Closure Cost Estimate
Equipment Costs

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm

FUEL, LUBE AND WEAR CALCULATIONS

EQUIPMENT TYPE	PM Cost (1) $/hr	Under carriage or Tires $/hr	G.E.T Consumption (2) $/hr	Fuel Use Rate gal/hr (3)	Fuel Cost@ 2.58/gal	Total Hourly Equipment Cost $/hr
Bulldozers						
D6T	8.09		5.50	6.45	16.64	30.23
D6R w/ Winch	8.09		5.50	6.45	16.64	30.23
D7E	8.09		5.50	5.90	15.22	28.81
D8T	8.54		10.68	10.40	26.83	46.06
D9T	9.74		16.61	13.50	34.83	61.18
D10T2	11.46		23.25	18.70	48.25	82.96
D11T	15.61		34.22	26.20	67.60	117.43
Wheeled Dozers						
824K		0.00		11.30	29.15	29.15
834K		0.00		13.25	34.19	34.19
844K		0.00		15.00	38.70	38.70
854K		0.00		19.00	49.02	49.02
Motor Graders						
12M2	4.92	5.94	11.44	3.85	9.93	32.23
14M	6.13	8.90	16.53	5.05	13.03	44.59
16M3	6.41	11.35	22.58	6.25	16.13	56.46
24M	7.05	12.49	24.83	11.75	30.32	74.69
Track Excavators						
312F	4.63		4.28	2.05	5.29	14.19
320F	4.93		4.93	3.60	9.29	19.15
325F	4.97		6.23	3.70	9.55	20.74
330F	6.12		6.85	5.15	13.29	26.26
349F	8.13		7.01	9.75	25.16	40.29
374F	7.47		10.68	10.30	26.57	44.73
390F	6.81		14.35	11.75	30.32	51.48
Scrapers						
631K	8.21	14.64	9.00	15.12	39.01	70.85
637K	13.65	14.64	11.31	24.35	62.81	102.41
Wheeled Loaders						
926M	3.74	5.90	4.74	1.80	4.64	19.04
930M	4.39	5.90	4.90	1.90	4.90	20.10
950M	5.46	5.22	9.12	3.10	8.00	27.81
966M	5.70	7.66	11.45	3.75	9.68	34.48
972M	6.44	7.66	14.50	4.15	10.71	39.31
980M	6.44	10.20	14.50	5.50	14.19	45.34
988K	12.06	12.96	15.54	10.40	26.83	67.40
990K	12.71	19.77	25.61	17.60	45.41	103.49
992K	13.36	26.57	35.68	23.00	59.34	134.95
994K	14.69	29.23	39.25	41.40	106.81	189.98
L2350				66.00	170.28	170.28
Shovels						
PC2000				37.00	95.46	95.46
PC3000				50.00	129.00	129.00
PC4000				70.00	180.60	180.60
PC5500				119.00	307.02	307.02
PC8000				149.00	384.42	384.42
EX2500				51.00	131.58	131.58
Hydraulic Hammers						
H120Es (fits 325)	N/A		5.96			5.96
H160Es (fits 349)	N/A		11.65			11.65
H180Es (fits 374/390)	N/A		13.80			13.80
Demolition Shears						
S3050 (fits 320/325/330)	N/A					0.00
S3070 (fits 330/349)	N/A					0.00
S3090 (fits 374/390)	N/A					0.00
Demolition Grapples						
G315B (fits 320/325)	N/A					0.00
G320B (fits 325/330)	N/A					0.00
G330 (fits 349/374)	N/A					0.00
Other Equipment						
420F2	4.55	0.86	3.81	4.30	11.09	20.31
430F2	4.31	0.86	3.91	4.70	12.13	21.21
CS54B				3.35	8.64	8.64
CS64B				3.35	8.64	8.64
CP54B				3.35	8.64	8.64
CP68B				3.60	9.29	9.29
Light Truck - 1.5 Ton		0.29		1.50	3.87	4.16
Supervisor's Truck		0.29		1.00	2.58	2.87
Flatbed Truck		1.60		4.70	12.13	13.72
Air Compressor + tools			N/A	1.00	2.58	2.58
Welding Equipment			N/A	2.00	5.16	5.16
Heavy Duty Drill Rig				12.00	30.96	30.96
Pump (plugging) Drill Rig				10.00	25.80	25.80
Concrete Pump			N/A	10.00	25.80	25.80
Gas Engine Vibrator			N/A	1.00	2.58	2.58
Generator 5KW			N/A	1.50	3.87	3.87
HDEP Welder (pipe or liner)			N/A	2.00	5.16	5.16
5 Ton Crane				3.00	7.74	7.74
20 Ton Crane				4.00	10.32	10.32
50 Ton Crane				4.70	12.13	12.13
120 Ton Crane				5.20	13.42	13.42
Trucks						
725C2	9.05	15.28	3.42	5.05	13.03	40.77
730C2	9.05	15.28	3.42	5.40	13.93	41.68
735C	9.05	24.33	3.42	6.95	17.93	54.72
740C	9.05	25.61	3.42	7.80	20.12	58.20
770G	6.70	7.45	3.82	4.95	12.77	30.74
773G	8.30	12.82	4.29	8.25	21.29	46.69
777G	11.87	19.63	4.78	13.55	34.96	71.25
785D	13.06	26.99	5.26	25.10	64.76	110.07
789D	14.36	29.69	5.79	36.85	95.07	144.92
793F	15.80	32.66	6.37	44.75	115.46	170.28
797F	17.38	35.93	7.01	67.65	174.54	234.85
613E (5,000 gal)	5.43	4.03	0.00	6.00	15.48	24.94
621E (8,000 gal)	7.68	8.89	0.00	10.75	27.74	44.30
777G H2O Truck	11.87	19.63	4.78	13.55	34.96	71.25
785D H2O Truck	13.06	26.99	5.26	25.10	64.76	110.07
Dump Truck (10-12 yd3)	N/A	1.09	N/A	5.20	13.42	14.51
Tractor/Trailer (20 ton)	N/A		N/A	14.00	36.12	36.12
Tractor/Trailer (50 ton)	N/A		N/A	18.00	46.44	46.44
Tractor/Trailer (80 ton)	N/A		N/A	22.00	56.76	56.76

Notes:

(1) PM Source:	
(2) G.E.T. Source:	
(3) Fuel Use Source:	Caterpillar Handbook, Edition 46, Ch. 20; or estimated average for smaller vehicles

Closure Cost Estimate
Equipment Costs

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm

TIRE COST TABLES

Equipment	Tire Size	# of Tires Per Piece of Equipment	Cost Per Tire	Tire Cost (1)(2) $	Life Expectency Hours (Low/Zone A) (3)	Tire Cost per Hour $/hr
Bulldozers						
D6T			N/A			
D6R w/ Winch			N/A			
D7E			N/A			
D8T			N/A			
D9T			N/A			
D10T2			N/A			
D11T			N/A			
Wheeled Dozers						
824K	29.5R25	4		0	3,500	0.00
834K	35/65-R33	4		0	3,500	0.00
844K	45/65-R39	4		0	3,500	0.00
854K	45/65-R45	4		0	3,500	0.00
Motor Graders						
12M2	13PR24	6	3,465	20,793	3,500	5.94
14M	20.5R25	6	5,194	31,163	3,500	8.90
16M3	23.5R25	6	6,623	39,736	3,500	11.35
24M	23.5R25	6	7,285	43,709	3,500	12.49
Track Excavators						
312F			N/A			
320F			N/A			
325F			N/A			
330F			N/A			
349F			N/A			
374F			N/A			
390F			N/A			
Scrapers						
631K	37.25R35	4	14,636	58,543	4,000	14.64
637K	37.25R35	4	14,636	58,543	4,000	14.64
Wheeled Loaders						
926M	17.5R25	4	6,643	26,571	4,500	5.90
930M	17.5R25	4	6,643	26,571	4,500	5.90
950M	26.5R25	4	5,876	23,503	4,500	5.22
966M	26.5R25	4	8,615	34,461	4,500	7.66
972M	26.5R25	4	8,615	34,461	4,500	7.66
980M	29.5R25	4	11,480	45,918	4,500	10.20
988K	35/65-33	4	14,579	58,314	4,500	12.96
990K	41.25/70-39	4	22,237	88,946	4,500	19.77
992K	45/65R45	4	29,895	119,578	4,500	26.57
994K	55/85R57	4	32,884	131,536	4,500	29.23
L2350	55/85R57	4		0	4,500	
Shovels						
PC2000			N/A			
PC3000			N/A			
PC4000			N/A			
PC5500			N/A			
PC8000			N/A			
EX2500			N/A			
Hydraulic Hammers						
H120Es (fits 325)			N/A			
H160Es (fits 349)			N/A			
H180Es (fits 374/390)			N/A			
Demolition Shears						
S3050 (fits 320/325/330)			N/A			
S3070 (fits 330/349)			N/A			
S3090 (fits 374/390)			N/A			
Demolition Grapples						
G315B (fits 320/325)			N/A			
G320B (fits 325/330)			N/A			
G330 (fits 349/374)			N/A			
Other Equipment						
420F2	340/80R18-19.5LR24	2	1,289	2,578	3,000	0.86
430F2	340/80R18-16.9R28	2	1,289	2,578	3,000	0.86
CS54B			N/A			
CS64B			N/A			
CP54B			N/A			
CP68B			N/A			
Light Truck - 1.5 Ton		4	218	871	3,000	0.29
Supervisor's Truck		4	218	871	3,000	0.29
Flatbed Truck		22	218	4,789	3,000	1.60
Air Compressor + tools			N/A			
Welding Equipment			N/A			
Heavy Duty Drill Rig		4		0	3,000	
Pump (plugging) Drill Rig		4		0	3,000	
Concrete Pump			N/A			
Gas Engine Vibrator			N/A			
Generator 5KW			N/A			
HDEP Welder (pipe or liner)			N/A			
5 Ton Crane		4		0	3,000	
20 Ton Crane		4		0	3,000	
50 Ton Crane		6		0	3,000	
120 Ton Crane		6		0	3,000	
Trucks						
725C2	23.5R25	6	5,093	30,560	2,000	15.28
730C2	23.5R25	6	5,093	30,560	2,000	15.28
735C	26.5R25	6	8,109	48,655	2,000	24.33
740C	29.5R25	6	8,537	51,222	2,000	25.61
770G	18.00R33	6	7,448	44,689	6,000	7.45
773G	24.00R35	6	10,683	64,100	5,000	12.82
777G	27.00R49	6	16,359	98,151	5,000	19.63
785D	33.00R51	6	17,994	107,966	4,000	26.99
789D	40.00R57	6	19,794	118,763	4,000	29.69
793F	40.00R57	6	21,773	130,639	4,000	32.66
797F	40.00R57	6	23,951	143,703	4,000	35.93
613E (5,000 gal)	23.5R25	6	4,031	24,186	6,000	4.03
621E (8,000 gal)	33.25R29	6	11,849	71,094	8,000	8.89
777G H2O Truck	27.00R49	6	16,359	98,151	5,000	19.63
785D H2O Truck	33.00R51	6	17,994	107,966	4,000	26.99
Dump Truck (10-12 yd3)		10	654	6,545	6,000	1.09
Tractor/Trailer (20 ton)			N/A			
Tractor/Trailer (50 ton)			N/A			
Tractor/Trailer (80 ton)			N/A			

Notes:

(1) Unit Cost Basis:	
(2) Cost Basis:	BP22 inflated 3%
(3) Tire Cost Source:	
(4) Tire Wear Source:	

Closure Cost Estimate
Material Costs

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Revegetation Materials

Seed Mixes

Seed Mix	Description	Cost $/acres
None		
Mix 1	Basins	311.58
Mix 2	Low Hills	342.73
Mix 3	Uplands	373.89
Mix 4	Riparian or Custom	405.05
User Mix 1	**Slater Work 2021 + 3% incr**	**$437.75**
User Mix 2	**AdherenceWork Fall 2021 + 3%**	**$325.48**
User Mix 3		
User Mix 4		**$1,104.09**

	Cost/lb	lbs/Acre	Cost/Acre
User Mix 5 (from Seed Mix sheet)	#DIV/0!	0.00	0.00

Notes:

Mulch

Item	Cost/lb	lbs/Acre	Cost $/acres
None			
Straw Mulch	0.18	**2000**	350.20
Hydro Mulch	0.26	**2000**	515.00	

Notes:
BP22+3%

Closure Cost Estimate
Material Costs

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Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Amendments			
Item	**Cost/lb**	**lbs/Acre**	**Cost** $/acres
None			
Organic Matter	0.72	**2000**	1,442.00
Treated Sludge			
Chemical	0.61	**400**	243.08
Notes:	BP22+3%		

Closure Cost Estimate
Material Costs

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Well Abandonment Materials

Description	Cost/50lb bag	Units	Cost*
			$/unit
Cement	7.80	cy	37.13
Grout (Low Grade Bentonite)	9.12	cy	43.41
Inert Material/Cuttings		cy	
BP22+3%			
BP22+3%			

* Assumes 1 bag mixes with water to make 0.21 y3 or 0.16 m3 of grout/cement slurry.

Monitoring Costs

Description	Units	Cost
		$/unit
Monitor Well Pump	ea.	2,872.06
Sampling Supplies	ea.	6.71
Water Analysis (Profile I) (1)	ea.	423.33
Leach Test (MWMP) w/ analysis	ea.	497.90
ABA + S speciation	ea.	154.50
WAD Cyanide in water	ea.	57.68
Water Analysis (Profile II) (1)	ea.	474.83
	ea.	
	ea.	
	ea.	
	ea.	
	ea.	
	ea.	
	ea.	
	ea.	
	ea.	
	ea.	
BP22+3%		
BP22+3%		
BP22+3%		

Closure Cost Estimate
Material Costs

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Fuel, Etc.

Description	Units	Cost	User Overrides
		$/unit	
Off-road Diesel - delivered (1)	gal	2.580	
Pickup Truck Mileage	$/mi	0.580	
Electical Power	$/kWh	0.100	
Diesel= $USD 2.58/Gal, As per BP23 Economomic Guidance for CC&V distributed in July 2022 (Economic Guic			
BP22+3%			
BP22+3%			
A Munt email 14th July 2017			

Closure Cost Estimate
Material Costs

Revegetation Method				
Slopes				
Disturbance Type	**Seed Application Method**	**Labor** $/acres	**Equipment** $/acres	**Total** $/acres
Waste Rock Dumps	**Mechanical Broadcast**	145.66	53.05	198.70
Heap Leach	**Mechanical Broadcast**	145.66	53.05	198.70
Tailings	**Hand Broadcast**	145.66	53.05	198.70
Quarries & Borrow Pits	**Mechanical Broadcast**	145.66	53.05	198.70
Flat Areas and Undifferentiated				
Disturbance Type	**Seed Application Method**	**Labor** $/acres	**Equipment** $/acres	**Total** $/acres
Exploration Trenches	**Mechanical Broadcast**	145.66	53.05	198.70
Exploration Roads	**Mechanical Broadcast**	145.66	53.05	198.70
Waste Rock Dumps	**Mechanical Broadcast**	145.66	53.05	198.70
Heap Leach	**Mechanical Broadcast**	145.66	53.05	198.70
Tailings	**Mechanical Broadcast**	145.66	53.05	198.70
Quarries & Borrow Pits	**Mechanical Broadcast**	145.66	53.05	198.70
Roads	**Mechanical Broadcast**	145.66	53.05	198.70
Pits	**Mechanical Broadcast**	145.66	53.05	198.70
Haul Material	**Mechanical Broadcast**	145.66	53.05	198.70
Foundations & Buildings	**Mechanical Broadcast**	145.66	53.05	198.70
Sediment & Drainge Control	**Mechanical Broadcast**	145.66	53.05	198.70
Process Ponds	**Mechanical Broadcast**	145.66	53.05	198.70
Landfills	**Mechanical Broadcast**	145.66	53.05	198.70
Yards, Etc.	**Mechanical Broadcast**	145.66	53.05	198.70
Revegetation Maintenance	**Mechanical Broadcast**	145.66	53.05	198.70

Closure Cost Estimate
Misc. Unit Costs

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
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Revegetation

	Means Number	Unit	Crew	Daily Output	Daily Output User	Materials	Labor	Equipment	Total
Seeding - Broadcast Manual		acres					145.66	53.05	198.70
Seeding - Broadcast Mechanical		acres					145.66	53.05	198.70
Seeding - Drill		acres		365			145.66	127.31	272.96
Seeding - Hydroseeding				365			260.10	159.14	419.24
Shrub Planting - bare root 6-10 in (150- 250mm)	02910-400-0561	ea.	1 Clab	365			0.94	0.00	0.94
Tree Planting - bare root 11-16 in (270- 400mm)	02910-400-0562	ea.	1 Clab	260			1.32	0.00	1.32
Cactus Planting		ea.	1 Clab						0.00
NOTES:									
Seeding Source:	BP22+3%								
Shrub Source:									
Tree Source:									
Cactus Source:									

Building and Wall Demolition

Hourly productivity rates and crew composition from Means Heavy Construction 2005 Edition by permission of R.S.Means/Reed Construction Data .
All equipment, labor and material unit costs are from Labor Costs, Equipment Costs and Material Costs spreadsheets

	Means Number	Unit	Crew	Daily Output	Daily Output User	Labor	Equipment	Premium	Total
Building Demolition									
Lg. steel	02220-110-0012	C.F.	B-8	21500		0.15	0.12		0.27
Lg. concrete	02220-110-0050	C.F.	B-8	15300		0.22	0.17		0.39
Lg. masonry	02220-110-0080	C.F.	B-8	20100		0.17	0.13		0.30
Lg. mixed	02220-110-0100	C.F.	B-8	20100		0.17	0.13		0.30
Sm. steel	02220-110-0500	C.F.	B-3	14800		0.18	0.13		0.31
Sm. concrete	02220-110-0600	C.F.	B-3	11300		0.24	0.17		0.41
Sm. masonry	02220-110-0650	C.F.	B-3	14800		0.18	0.13		0.31
Sm. wood	02220-110-0700	C.F.	B-3	14800		0.18	0.13		0.31
Wall Demolition									
Block 4 in (100 mm) thick	02220-130-2000	S.F.	1 Clab	180		1.91	0.00	20%	2.29
Block 6 in (150 mm) thick	02220-130-2040	S.F.	1 Clab	170		2.02	0.00	20%	2.42
Block 8 in (200 mm) thick	02220-130-2080	S.F.	1 Clab	150		2.29	0.00	20%	2.75
Block 12 in (300 mm) thick	02220-130-2100	S.F.	1 Clab	150		2.29	0.00	20%	2.75
Conc 6 in (150 mm) thick	02220-130-2400	S.F.	B-9	160		2.14	2.04	10%	4.60
Conc 8 in (200 mm) thick	02220-130-2420	S.F.	B-9	140		2.45	2.33	10%	5.26
Conc 10 in (250 mm) thick	02220-130-2440	S.F.	B-9	120		2.86	2.71	10%	6.13
Conc 12 in (300 mm) thick	02220-130-2500	S.F.	B-9	100		3.43	3.26	10%	7.36

Closure Cost Estimate
Misc. Unit Costs

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Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US

Waste Disposal

Unit rates from Means Heavy Construction 2006 Edition by permission of R.S.Means/Reed Construction Data .

	Means Number	Unit	Crew	Daily Output	Materials	Labor	Equipment		Total
Rubbish Handling									
Dumpster delivery (average for all sizes)	02220-350-0910	ea.			53.05				53.05
Haul (average for all sizes)	02220-350-0920	ea.			165.83				165.83
Rent per month (average for all sizes)	02220-350-0940	ea.			56.65				56.65
Disposal fee per ton (tonne) (average for all sizes)	02220-350-0950	ton			62.32				62.32
NOTES:									
Dumpster Cost Source:	BP22+3%								
Disposal Fee Source:	BP22+3%								
Hazardous Material Handling - Solids (+ Liquids in drums)									
Pickup fees 55 gal. drums	02110-300-1100	ea.			258.53				258.53
Bulk material (average)	02110-300-1220/1230	ton			421.79				421.79
Transport - truck load (80 drums, 25 cy (m3), 18 tons)	02110-300-1260/1270	mile			6.06				6.06
Dump site disposal fee	02110-300-6000/6020	ton			297.16				297.16
NOTES:									
Solid Handling Cost Source:	BP22+3%								
Solid Disposal Fee Source:	BP22+3%								
Hazardous Material Handling - Liquids									
Vacuum Truck Pickup (2200 gal or 9,700 litres)	02110-300-3110	hr.			151.41				151.41
Vacuum Truck Pickup (5000 gal or 2,000 litres)	02110-300-3120	hr.			219.39				219.39
Dump site disposal fee	02110-300-6000/6020	ton			297.16				297.16
NOTES:									
Liquid Handling Cost Source:	BP22+3%								
Liquid Disposal Fee Source:	BP22+3%								
Hydrocarbon Contaminated Soils (HCS)									
Insitu Biotreatment	02115-200-2020/2021	C.Y.							0.00
HCS disposal fee	02115-200-2050/2055	C.Y.							0.00
NOTES:									
Insitu Treatement Cost Source:									
HCS Disposal Fee Source:									

Closure Cost Estimate
Misc. Unit Costs

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Concrete Structure Installation

Weekly dumpster rental rates from Means Heavy Construction 2005 Edition with permission by R.S.Means/Reed Construction Data .
Weekly dumpster rental rates include haul to off-site disposal site and disposal fees

	Means Number	Unit	Crew	Daily Output	Materials	Labor	Equipment	Premium	Total
Reinforced Concrete Bulkheads and Shaft Covers									
Grade walls - 15 in thick, 8 ft high	03310-240-4300	C.Y.	C-14D	80.02	167.89	126.07	11.52		305.48
Grade walls - 15 in thick, 12 ft high	03310-240-4350	C.Y.	C-14D	26.2	167.89	385.05	35.17		588.11
Elevated conc, 1-way beam & slab - 15ft span	03310-240-2700	C.Y.	C-14B	20.59	286.34	505.24	44.75		836.33
Elevated conc, 1-way beam & slab - 25ft span	03310-240-2750	C.Y.	C-14B	28.36	272.95	366.82	32.49		672.26
Bat Gate/Foam Plug Installation									
Bat Gate		ea.			3,468.64				
Culvert Gate		ea.			6,937.27				
Adit Foam Plug		ea./C.Y.			346.86				
Production Opening Foam Plug		ea./C.Y.			346.86				

NOTES:	
Bat Gate Source:	BP22+3%
Foam Plug Source:	BP22+3%

Closure Cost Estimate
Misc. Unit Costs

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Misc. Linear Projects

Hourly productivity rates and crew composition from Means Heavy Construction 2005 Edition by permission of R.S.Means/Reed Construction Data .
All equipment, labor and material unit costs are from Labor Costs, Equipment Costs and Material Costs spreadsheets

	Means Number	Unit	Crew	Daily Output	Materials	Labor	Equipment	Premium	Total
Fencing Installation									
Barbed 3-strand	02820-170-1650	L.F.	B-80A	760	0.53	2.11	0.33		2.97
Barbed 4-strand	extrapolated	L.F.	B-80A	570	0.70	2.82	0.43		3.95
Barbed 5-strand	02820-130-0920	L.F.	B-80A	456	0.88	3.52	0.54		4.94
Chain link 8 ft -10 ft Install	02820-130-0920	L.F.	B-80C	180	39.14	8.92	1.38		49.44
Wood stockade fence 6 ft high - Install	02820-510-1240	L.F.	B-80C	150	16.48	10.71	1.65		28.84
	user	L.F.							0.00
	user	L.F.							0.00
	user	L.F.							0.00
	user	L.F.							0.00
Fencing Removal									
Barbed 3-strand Removal	02220-220-1600	L.F.	2 Clab	430		2.94	0.58		3.52
Barbed 4-strand Removal	extrapolated	L.F.	2 Clab	355		3.56	0.70		4.26
Barbed 5-strand Removal	02220-220-1650	L.F.	2 Clab	280		4.51	0.88		5.39
Chain link 8 ft -10 ft Removal	02220-220-1700	L.F.	B-6	445		2.85	0.99		3.84
Wood, all types 4 ft -6 ft high Removal	02220-220-1775	L.F.	2 Clab	430		2.94	0.58		3.52
	user	L.F.							
	user	L.F.							0.00
	user	L.F.							0.00
	user	L.F.							0.00
Culvert Removal									
12 in (300 mm) Diameter	02220-220-2900	L.F.	B-6	175		7.25	2.53		9.78
18 in (450 mm) Diameter	02220-220-2930	L.F.	B-6	150		8.46	2.95		11.41
24 in (600 mm) Diameter	02220-220-2960	L.F.	B-6	120		10.58	3.68		14.26
36 in (1m) Diameter	02220-220-3000	L.F.	B-6	90		14.10	4.91		19.01
Pipeline Removal									
Plastic Pipe 3/4 in (mm) - 4 in (100 mm) diameter	02220-381-1600	L.F.	B-20	700		2.90	0.35		3.25
6 in (150 mm) - 8 in (200 mm)	02220-381-1700	L.F.	B-20	500		4.06	0.50		4.56
10 in (250 mm) - 18 in (450 mm)	02220-381-1800	L.F.	B-20	300		6.77	0.83		7.60
20 in (500 mm) - 36 in (1 m)	02220-381-1900	L.F.	B-20	200		10.16	1.24		11.40
Pipe and Drainpipe Installation									
Water 4in (100mm) 40ft (12m) length, welded HDPE	02510-760-0100	L.F.	B-22A	400	2.78	6.97	5.06		14.81
Water 6in (150mm) 40ft (12m) length, welded HDPE	02510-760-0200	L.F.	B-22A	380	6.03	7.33	5.32		18.68
Water 12in (300mm) 40ft (12m) length, welded HDPE	02510-760-0500	L.F.	B-22A	260	0.00	10.72	7.78		18.50
Drain 4in (100mm) perforated PVC	02620-630-2100	L.F.	B-14	315	1.79	10.49	1.76		14.04
Drain 6in (150mm) perforated PVC	02620-630-2110	L.F.	B-14	300	4.35	11.02	1.85		17.22
Drain 4in (100mm) corrugated, perf or plain	02620-660-0040	L.F.	2 Clab	1200	0.80	1.05	0.21		2.06
Drain 6in (150mm) corrugated., perf or plain	02620-660-0060	L.F.	2 Clab	900	2.25	1.40	0.28		3.93

Closure Cost Estimate
Misc. Unit Costs

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
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Note: HDPE Water Pipe in 40ft (12m) lengths, welded

Closure Cost Estimate
Misc. Unit Costs

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Drain Rock Preparation									
Crushing		C.Y.							0.52
Screening		C.Y.							0.52
TOTAL									1.03
Misc.									
Backhoe work	02210-700-0120	C.Y.	B-11M	28		21.14	10.92		32.06
Powerline and Transformer Removal									
Single Pole Powerlines		mile							48,208.12
Double Pole Powerlines		mile							55,094.70
Substation		ea.							60,766.91
NOTES:									
Single Pole Source:	BP22+3%								
Double Pole Source:	BP22+3%								
Transformer Source:	BP22+3%								

Erosion and Sedimentation Control

Hourly productivity rates and crew composition from Means Heavy Construction 2005 Edition by permission of R.S.Means/Reed Construction Data .
All equipment, labor and material unit costs are from Labor Costs, Equipment Costs and Material Costs spreadsheets
* some crews modifed to reflect actual crews used for riprap placement at mine sites

	Means Number	Unit	Crew	Means Daily Output	Materials	Labor	Equipment	User Daily Output	Total
Rip-Rap & Rock Lining									
Rip-Rap 3/8 to 1/4 CY pieces, grouted	02370-450-0110	S.Y.	B-13	80	25.75	34.09	9.12		68.96
Rip-Rap 18-inch min thick, no grout	02370-450-0200	S.Y.	B-13	53	7.88	51.46	13.76		73.10
Rip-Rap 3/8 to 1/4 CY pieces, grouted	02370-450-0110*	S.Y.	B-12G	80	25.75	22.01	21.62		69.38
Rip-Rap 18-inch min thick, no grout	02370-450-0200*	S.Y.	B-12G	53	7.88	33.23	32.63		73.74
Gabions, 6 in (150 mm) deep	02370-450-0400	S.Y.	B-13	200	7.26	13.64	3.65		24.55
Gabions, 9 in (250 mm) deep	02370-450-0500	S.Y.	B-13	163	10.15	16.73	4.48		31.36
Gabions, 12 in (300 mm) deep	02370-450-0200	S.Y.	B-13	153	14.73	17.82	4.77		37.32
Gabions, 18 in (450 mm) deep	02370-450-0200	S.Y.	B-13	102	18.90	26.74	7.15		52.79
Gabions, 36 in (1m) deep	02370-450-0200	S.Y.	B-13	60	31.93	45.45	12.16		89.54
HDEP Liner Installation									
Finish grading large area	2310-100-0100	S.F.	B-11L	54000		0.02	0.02		0.04
Compaction-riding, vibrating roller - 12in (300mm) lifts	2315-310-5100	C.Y.	B-10Y	2600		0.35	0.19		0.54
Geotextile	2660-610-0010	S.F.	3 Skwk	1600		1.02	0.51		1.53
Geonet	2660-610-0010	S.F.	3 Skwk	1600		1.02	0.51		1.53
Geogrid	2660-610-0010	S.F.	3 Skwk	1600		1.02	0.51		1.53
60 mil HDPE	2660-610-0010	S.F.	3 Skwk	1600	0.59	1.02	0.51		2.12
80 mil HDPE	user	S.F.	3 Skwk	149	$9.00	10.98	5.45		25.43
40 mil VLDPE	user	S.F.	3 Skwk	150	$7.00	10.91	5.42		23.33
	user	S.F.	3 Skwk						0.00

Closure Cost Estimate
Misc. Unit Costs

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		user	S.F.	3 Skwk					0.00

Closure Cost Estimate
Misc. Unit Costs

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Transport Costs

Ship/Barge Transport Cost		cost/lb/mi							
Rail Transport Cost		cost/lb/mi							
Air Transport Cost		cost/lb/mi							
Escort Vehicle Deadhead Rate ($/mi)		cost/lb/mi							

Construction Management Support

Office Trailer, Furnished, no hook-ups	0150-500-0250	mo.			203.94				203.94
Toilet Portable, chemical	1590-400-6410	mo.			220.63				220.63
TOTAL					424.57				424.57

Pump and Casing Removal

	Pump Type	Measurement	Unit				Labor	Equipment		Total
Pump Removal										
Submersible			L.F.				7.96	20.01		27.97
Line Shaft			L.F.				7.96	20.01		27.97

NOTES:
Pump Removal Source: BP22+3%

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
RIPPING						
Rip road Waste rock dumps, heaps, tails - rip flat surfaces Surface preparation Scarify						
Small Dozer w/ multi-shank						
D7E				105.56	72.90	178.46
Totals				105.56	72.90	178.46
Medium Dozer w/ multi-shank						
D9T				257.32	72.90	330.22
Totals				257.32	72.90	330.22
Large Dozer w/ multi-shank						
D10T2				354.81	72.90	427.71
Totals				354.81	72.90	427.71
Grader w/ multi-shank						
16M3				202.34	73.98	276.32
Totals				202.34	73.98	276.32
GRADING						
Grading storage and structure areas Grading waste rock dumps and heaps Grading landfills Constructing pit safety berms						
Small Dozer Fleet						
D7E				105.56	72.90	178.46
Totals				105.56	72.90	178.46
Medium Dozer Fleet						
D9T				257.32	72.90	330.22
Totals				257.32	72.90	330.22
Large Dozer Fleet						
D10T2				354.81	72.90	427.71
Totals				354.81	72.90	427.71
EXPLORATION GRADING						
Backfilling and grading exploration trenches Grading flat exploration roads						
Small Dozer Fleet						
D6T				100.55	72.90	173.45
Totals				100.55	72.90	173.45
Medium Dozer Fleet						
D7E				105.56	72.90	178.46
Totals				105.56	72.90	178.46
Large Dozer Fleet						
D8T				192.13	72.90	265.03
Totals				192.13	72.90	265.03

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
EXCAVATING						
Earthen Berms						
Diversion ditch excavation and backfill						
Underground openings backfill - excavate and place						
Pit berm construction (excavator option)						
Small Excavator						
325F				77.03	73.98	151.01
Totals				77.03	73.98	151.01
Medium Excavator						
349F				136.87	73.98	210.85
Totals				136.87	73.98	210.85
Large Excavator						
390F				203.65	73.98	277.63
Totals				203.65	73.98	277.63
EXCAVATE AND RECONTOUR						
Recontour large roads (haul roads, access roads, etc.)						
Ponds - Excavate and pull liner and bury						
Small Excavator + Dozer						
325F				77.03	73.98	151.01
D7E				105.56	72.90	178.46
Total Equipment				182.59	146.88	329.47
Medium Excavator + Dozer						
349F				136.87	73.98	210.85
D9T				257.32	72.90	330.22
Totals				394.19	146.88	541.07
Large Excavator + Dozer						
390F				203.65	73.98	277.63
D10T2				354.81	72.90	427.71
Totals				558.46	146.88	705.34
EXPLORATION ROAD/PAD RECONTOUR						
Recontour small roads (exploration roads, service roads, etc.)						
Cut and Fill reclamation on slopes						
Drill pad recountour						
Drill sump backfill						
Small Dozer						
D6T				100.55	72.90	173.45
Totals				100.55	72.90	173.45
Large Dozer						
D8T				192.13	72.90	265.03
Totals				192.13	72.90	265.03
Grader						
14M				137.92	73.98	211.90
Totals				137.92	73.98	211.90
Small Excavator						
325F				77.03	73.98	151.01
Totals				77.03	73.98	151.01
Medium Excavator						
330F				99.30	73.98	173.28

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
Totals				99.30	73.98	173.28

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
LOAD CRUSHER/TRAM BACKFILL						
Load crusher with wheeled loader Tram backfill into portals						
Small Crusher Loader Fleet						
966M		1		108.18	73.98	182.16
Totals				108.18	73.98	182.16
Medium Crusher Loader Fleet						
988K		1		222.95	73.98	296.93
Totals				222.95	73.98	296.93
Large Crusher Loader Fleet						
992K		1		552.68	73.98	626.66
Totals				552.68	73.98	626.66
Extra Large Crusher Loader Fleet						
994K		1		649.48	73.98	723.46
Totals				649.48	73.98	723.46
COMPACT COVER						
From Means Heavy Construction - Costs in Misc. Unit Costs. Assumes compaction-riding, vibrating roller - 12in (300mm) lifts						
Compactor						
CS54B		1		62.62	72.17	134.79
Totals				62.62	72.17	134.79
LOAD, HAUL AND PLACE MATERIAL						
Rock placement Haul overburden for backfill Haul borrow for backfill Haul cover or growth media						
Small Truck/Loader Fleet						
725C2				142.22	43.71	185.93
966M	**Loader**			108.18	73.98	182.16
D7E		1		105.56	72.90	178.46
Totals				355.96	190.59	546.55
Medium Truck/Loader Fleet						
740C				159.65	43.71	203.36
988K	**Loader**			222.95	73.98	296.93
D8T		1		192.13	72.90	265.03
Totals				574.73	190.59	765.32
Large Truck/Loader Fleet						
777G				440.57	43.71	484.28
992K	**Loader**			552.68	73.98	626.66
D10T2		1		354.81	72.90	427.71
Totals				1,348.06	190.59	1,538.65
Extra Large Truck/Loader Fleet						
793F				661.86	43.71	705.57
994K	**Loader**			649.48	73.98	723.46
D10T2		1		354.81	72.90	427.71
Totals				1,666.15	190.59	1,856.74
Scraper/Dozer Fleet						
631K				238.57	72.90	311.47
D10T2				354.81	72.90	427.71
D7E		1		105.56	72.90	178.46
Totals				698.94	218.70	917.64

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
Tandem Scraper Fleet						
637K				334.48	73.98	408.46
D7E		1		105.56	72.90	178.46
Totals				440.04	146.88	586.92
MISC. LOAD AND HAUL AND EARTHWORKS						
Sludge removal						
Drainage controls						
Misc. - Cat 325B Excavator / 10-12 yd3 Truck						
325F				77.03	73.98	151.01
Dump Truck (10-12 yd3)				92.84	43.71	136.55
Totals				169.87	117.69	287.56
Misc. - Cat D9R Dozer/ Loader (5 yd3) / 10-12 yd3 Truck						
D9T				257.32	72.90	330.22
966M				108.18	73.98	182.16
Dump Truck (10-12 yd3)				92.84	43.71	136.55
Totals				458.34	190.59	648.93
Misc. - Cat D6 Dozer / Cat 966 Loader / 10-12 yd3 Truck						
D6T				100.55	72.90	173.45
966M				108.18	73.98	182.16
Dump Truck (10-12 yd3)				92.84	43.71	136.55
Totals				301.57	190.59	492.16
LINER REMOVAL						
Liner removal						
Small - Cat 325B Excavator w/ H140D s Hammer						
325F				77.03	73.98	151.01
General Laborer		2		0.00	85.76	85.76
Totals				77.03	159.74	236.77

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
CONCRETE BREAKING						
Slab demolition Footing demolition Wall demolition						
Small - Cat 325F Excavator w/ H120E s Hammer						
325F				77.03	73.98	151.01
H120Es (fits 325)				44.49	0.00	44.49
D9T				257.32	72.90	330.22
Totals				378.84	146.88	525.72
Medium - Cat 349F Excavator w/ H160E s Hammer						
349F				136.87	73.98	210.85
H160Es (fits 349)				92.81	0.00	92.81
D9T				257.32	72.90	330.22
Totals				487.00	146.88	633.88
Large - Cat 374F Excavator w/ H180E s Hammer						
374F				169.10	73.98	243.08
H180Es (fits 374/390)				123.34	0.00	123.34
D9T				257.32	72.90	330.22
Totals				549.76	146.88	696.64
DRILL HOLE ABANDONMENT						
Drill Hole - Grout or Cement						
Pump (plugging) Drill Rig				243.30	72.90	316.20
Driller's Helper		2		0.00	86.38	86.38
Totals				243.30	159.28	402.58
Drill Hole - Inert Media (Means Crew B-11M+ 1 Laborer)						
420F2				38.22	73.98	112.20
General Laborer		1		0.00	42.88	42.88
Totals				38.22	116.86	155.08
Drill Hole - Casing Perforation or Removal						
Heavy Duty Drill Rig				248.46	72.90	321.36
Driller's Helper		2		0.00	86.38	86.38
Totals				248.46	159.28	407.74
MAINTENANCE FLEET						
Road Grading, Dust Suppression, Clean Up						
Maintenance - Small Water Truck and Cat 14G Grader						
613E (5,000 gal)				68.90	43.71	112.61
12M2				97.15	73.98	171.13
Totals				166.05	117.69	283.74
Maintenance - Medium Water Truck and Cat 16G Grader						
613E (5,000 gal)				68.90	43.71	112.61
14M				137.92	73.98	211.90
Totals				206.82	117.69	324.51
Maintenance - Large Water Truck and Cat 16G Grader						
621E (8,000 gal)				118.70	43.71	162.41
16M3				202.34	73.98	276.32
Totals				321.04	117.69	438.73
PROJECT SUPERVISION						
Foreman		1		0.00	95.40	95.40
Supervisor's Truck		1		26.97	72.17	99.14
Totals				26.97	167.57	194.54

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
MEANS CREW DEFINITIONS						
Crew composition from Means Heavy Construction 2005 Edition by permission of R.S.Means/Reed Construction Data . For use with misc. unit costs where Means is the source for productivity						
1 Clab - Seedling Planting/Block Wall Demolition						
General Laborer		1		0.00	42.88	42.88
Totals				0.00	42.88	42.88
2 Clab - Barbed Wire/Wood Fence Removal, Drainpipe Installation, Pumping, Evaporation						
General Laborer		2		0.00	85.76	85.76
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				30.97	157.93	188.90
2 Clab + Excavator - Pond Liner Cut and Fold						
General Laborer		2		0.00	85.76	85.76
325F				77.03	73.98	151.01
Totals				77.03	159.74	236.77
2 Clab + Welder - Bat Gates						
General Laborer		2		0.00	85.76	85.76
Welding Equipment				25.29	73.98	99.27
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				56.26	231.91	288.17
3 Clab - Foam Adit Plugs						
General Laborer		2		0.00	85.76	85.76
420F2				38.22	73.98	112.20
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				69.19	231.91	301.10
3 Clab + Welder - Culvert Bat Gate						
General Laborer		2		0.00	85.76	85.76
Welding Equipment				25.29	73.98	99.27
420F2				38.22	73.98	112.20
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				94.48	305.89	400.37
3 Clab D - 3 Laborers + Foreman - Decontamination						
General Laborer		3		0.00	128.64	128.64
Foreman		1		0.00	95.40	95.40
Supervisor's Truck		1		26.97	72.17	99.14
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				57.94	368.38	426.32
3 SKWK - Liner Installation						
Skilled Laborer		3		0.00	130.50	130.50
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
420F2		1		38.22	73.98	112.20
				0.00		0.00
				0.00		0.00
				0.00		0.00
Totals				101.58	204.48	306.06

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
B-3 - Small Building Demoltion						
LABOR						
General Laborer		2		0.00	85.76	85.76
Foreman		1		0.00	95.40	95.40
				0.00		0.00
				0.00		0.00
				0.00		0.00
EQUIPMENT						
930M		1		55.24	72.90	128.14
Dump Truck (10-12 yd3)		2		185.68	87.42	273.10
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
Totals				240.92	341.48	582.40
B-6 - Chain Link Fence/Culvert Removal						
General Laborer		2		0.00	85.76	85.76
930M		1		55.24	72.90	128.14
Totals				55.24	158.66	213.90
B-8 - Large Building Demolition						
LABOR						
General Laborer		2		0.00	85.76	85.76
Foreman		1		0.00	95.40	95.40
				0.00		0.00
				0.00		0.00
				0.00		0.00
EQUIPMENT						
930M		1		55.24	72.90	128.14
20 Ton Crane		1		89.38	73.98	163.36
Dump Truck (10-12 yd3)		2		185.68	87.42	273.10
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
				0.00		0.00
Totals				330.30	415.46	745.76
B-9 - Concrete Wall Demolition						
General Laborer		4		0.00	171.52	171.52
Foreman		1		0.00	95.40	95.40
Air Compressor + tools				40.70	70.34	111.04
Totals				40.70	337.26	377.96

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EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
B-10Y - General Compaction						
General Laborer		1		0.00	42.88	42.88
CS54B		1		62.62	72.17	134.79
Totals				62.62	115.05	177.67
B-11L - Fine Grading for Evaporation Pond Liner Base						
General Laborer		1		0.00	42.88	42.88
14M		1		137.92	73.98	211.90
Totals				137.92	116.86	254.78
B-11M - Backhoe Work						
420F2		1		38.22	73.98	112.20
Totals				38.22	73.98	112.20
B-12G - Rip-Rap Machine Placed (Modified)						
General Laborer		2		0.00	85.76	85.76
966M		1		108.18	73.98	182.16
325F		1		77.03	73.98	151.01
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				216.18	220.13	436.31
B-13 - Grouted Rip-Rap & Gabion Baskets						
General Laborer		4		0.00	171.52	171.52
Foreman		1		0.00	95.40	95.40
50 Ton Crane		1		91.19	73.98	165.17
Totals				91.19	340.90	432.09
B-14 PVC Drain Pipe Installation						
Foreman		1		0.00	95.40	95.40
General Laborer		4		0.00	171.52	171.52
420F2		1		38.22	73.98	112.20
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				69.19	413.07	482.26
B-20 - Remove Pipelines						
Foreman		1		0.00	95.40	95.40
Skilled Laborer		1		0.00	43.50	43.50
General Laborer		1		0.00	42.88	42.88
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				30.97	253.95	284.92
B-22A - HDEP Installation - Pipe or Liner						
Skilled Laborer		1		0.00	43.50	43.50
General Laborer		2		0.00	85.76	85.76
D7E		1		105.56	72.90	178.46
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
420F2		1		38.22	73.98	112.20
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	348.31	601.24
B-34N - Equipment Mobilization (40-ton)						
Skilled Laborer		1		0.00	43.50	43.50
General Laborer		2		0.00	85.76	85.76
D7E		1		105.56	72.90	178.46
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
420F2		1		38.22	73.98	112.20
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	348.31	601.24

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EQUIPMENT FLEETS

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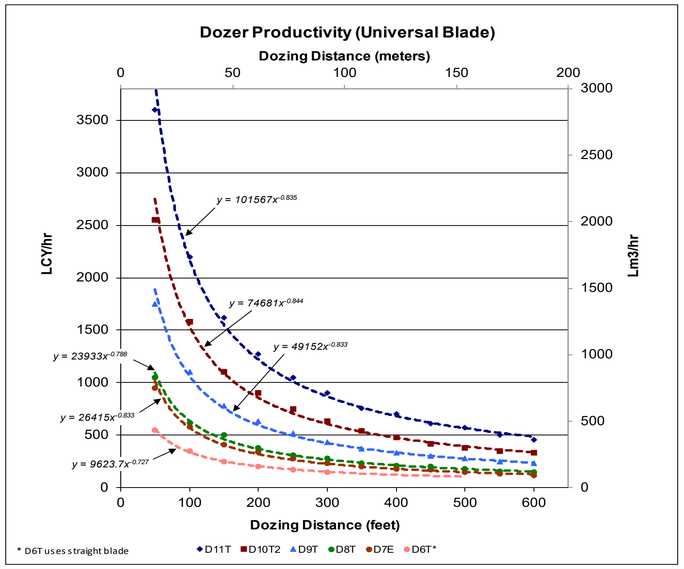
B-34U - Equipment Mobilization (20-ton)						
Skilled Laborer		1		0.00	43.50	43.50
General Laborer		2		0.00	85.76	85.76
D7E		1		105.56	72.90	178.46
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
420F2		1		38.22	73.98	112.20
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	348.31	601.24
B-34V - Equipment Mobilization (50-ton)						
Skilled Laborer		1		0.00	43.50	43.50
General Laborer		2		0.00	85.76	85.76
D7E		1		105.56	72.90	178.46
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
420F2		1		38.22	73.98	112.20
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	348.31	601.24
B-80A - Install Barbed Wire Fence						
General Laborer		3		0.00	128.64	128.64
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				30.97	200.81	231.78
B-80C - Install Chain Link Fence (Flatbed truck has small crane)						
General Laborer		3		0.00	128.64	128.64
Light Truck - 1.5 Ton		1		30.97	72.17	103.14
Totals				30.97	200.81	231.78
C-14B - Elevated Concrete Slabs (Reinforced Concrete Shaft Covers)						
Foreman		1		0.00	95.40	95.40
Supervisor's Truck		1		26.97	72.17	99.14
Carpenter		16		0.00	716.96	716.96
General Laborer		2		0.00	85.76	85.76
Rodmen (reinforcing concrete)		4		0.00	171.52	171.52
Cement finisher		2		0.00	86.38	86.38
Gas Engine Vibrator		1		6.25	72.17	78.42
Concrete Pump		1		81.96	0.00	81.96
Totals				115.18	1,300.36	1,415.54
C-14D - Concrete Walls Formed in Place (Reinforced Concrete Adit Bulkheads)						
Foreman		1		0.00	95.40	95.40
Supervisor's Truck		1		26.97	72.17	99.14
Carpenter		18		0.00	806.58	806.58
General Laborer		2		0.00	85.76	85.76
Rodmen (reinforcing concrete)		2		0.00	85.76	85.76
Cement finisher		1		0.00	43.19	43.19
Gas Engine Vibrator		1		6.25	72.17	78.42
Concrete Pump		1		81.96	0.00	81.96
Totals				115.18	1,261.03	1,376.21

Productivity - Bulldozers

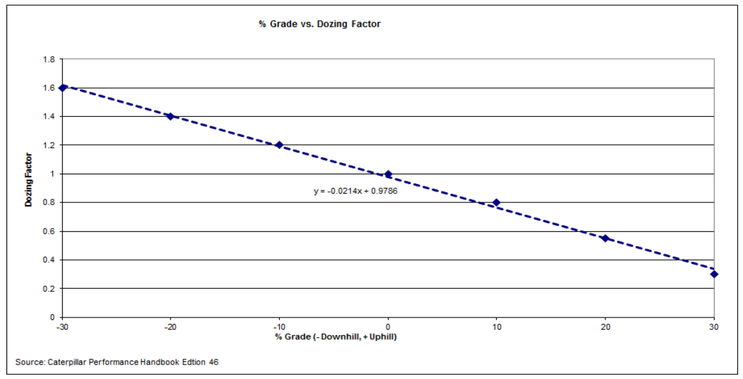
Dozer Specifications						
Description	**D6T**	**D7E**	**D8T**	**D9T**	**D10T2**	**D11T**
Blade Width (SU) (ft)	10.67	12.17	12.92	14.08	16.25	18.33
Shank Guage (3 shanks) (ft)	6.58	5.92	7.08	7.67	8.67	9.83
Pocket Spacing (ft)	3.25	2.92	3.58	3.86	4.33	4.92
Ripping Width (Ripper + 1 Pocket) (ft)	9.83	8.84	10.66	11.53	13	14.75
Ripping Speed (mph)	1	1	1	1	1	1
Ripping Maneuver (turn) Time (min)	0.25	0.25	0.25	0.25	0.25	0.25
Altitude Deration Factor	1	0.99	1	1	1	1
Ripping Hourly Production (excluding maneuvering time) (ft)	5,280	5,016	5,280	5,280	5,280	4,541
Source: Caterpillar Performance Handbook Edition 47						

Dozer Productivity vs. Grading Distance						
	Production (LCY/hr)					
Average Dozing Distance (feet)	**D6T**	**D7E**	**D8T**	**D9T**	**D10T2**	**D11T**
50	550	950	1,050	1,750	2,550	3,600
100	350	580	620	1,100	1,580	2,200
200	205	340	380	630	900	1,270
300	150	230	280	430	630	900
400		180	210	330	480	700
500		150	180	280	380	570
600		120	150	230	330	460
Source: Caterpillar Performance Handbook Edition 47						
dozer productivity = k x Dozing Distance^{p} (see graph)						
k =	9623.7	26451	23933	49152	74681	101567
p =	-0.727	-0.833	-0.788	-0.833	-0.844	-0.835



Productivity - Bulldozers (cont.)

% Grade vs. Dozing Factor	
% Grade	**Dozing Factor**
-30	1.6
-20	1.4
-10	1.2
0	1
10	0.8
20	0.55
30	0.3
Source: Caterpillar Performance Handbook Edition 47	
% Grade Dozing Factor = -0.0214x + 0.9786 (see graph)	



Source: Caterpillar Performance Handbook Edtion 46

Job Condition Correction Factors - Bulldozers	
OPERATOR	
Average	0.75
MATERIAL (1)	
Loose stockpile	1.2
Normal	1
Hard to cut; frozen — with tilt cylinder	0.8
Hard to drift; "dead" (dry,non-cohesive material) or very sticky material	0.8
Rock, ripped or blasted	0.6
SLOT DOZING OR SIDE BY SIDE (1)	1.2
VISIBILITY	
Good conditions	1
OPERATOR SKILL	
Average	0.75
JOB EFFICIENCY	
50 min/hr	0.83
(1) Selected in facility worksheets. Other factors included as standard factors. Source: Caterpillar Performance Handbook Edition 47	

Material Densities(1)		
Material	**lb/yd3**	
Alluvium	2,900	
Basalt	3,300	
Clay - Dry	2,500	
Granite - broken	2,800	
Gravel	2,550	
Limestone - broken	2,600	
Limestone - crushed	2,600	
Sandstone	2,550	
Shale	2,100	
Stone - crushed	2,700	
Tailings - Coarse (dry, loose sand)	2,400	Note: uses Sand & Gravel - Dry from Caterpillar Handbook
Tailings - Slimes (loose sand & clay)	2,700	
Topsoil	1,600	
(1) Source: Caterpillar Performance Handbook Edition 47		

Productivity - Scrapers

Scraper Specifications		
Description	**631K**	**637K**
Empty Weight (lb)	102,750	112,760
Payload Capacity (yd3)		
Struck	24	24
Heaped	34	34
Average	29	29
Loaded by	One D10	Self*
Load Time (min)	0.50	0.50
Maneuver and Spread (min)	0.70	0.60
Operator Skill	1.00	1.00
Job Efficiency	0.83	0.83
Rolling Resistance**	2.50	2.50
Altitude Deration Factor	0.97	0.8
* Requires pair		
undulating, maintained fairly regularly, watered		

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials			Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)																			
			631K											637K PP								
Material	**lb/yd3**	**Scraper Load (lb)**	**Loaded Weight (lb)**	**18**	**16**	**14**	**12**	**10**	**8**	**6**	**4**	**2**	**Loaded Weight (lb)**	**18**	**16**	**14**	**12**	**10**	**8**	**6**	**4**	**2**
Alluvium	2,900	84,100	186,850	8	8	8	8	10.6	14.3	19.2	26	35	196,860	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Basalt	3,300	95,700	198,450	8	8	8	8	10.6	14.3	19.2	26	35	208,460	8	10.6	10.6	10.6	14.2	19.2	19.2	35	35
Clay - Dry	2,500	72,500	175,250	8	8	8	10.6	10.6	14.3	19.2	26	35	185,260	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Granite - broken	2,800	81,200	183,950	8	8	8	8	10.6	14.3	19.2	26	35	193,960	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Gravel	2,550	73,950	176,700	8	8	8	10.6	10.6	14.3	19.2	26	35	186,710	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Limestone - broken	2,600	75,400	178,150	8	8	8	8	10.6	14.3	19.2	26	35	188,160	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Limestone - crushed	2,600	75,400	178,150	8	8	8	8	10.6	14.3	19.2	26	35	188,160	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Sandstone	2,550	73,950	176,700	8	8	8	10.6	10.6	14.3	19.2	26	35	186,710	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Shale	2,100	60,900	163,650	8	8	8	10.6	10.6	14.3	19.2	35	35	173,660	10.6	10.6	10.6	14.2	19.2	19.2	35	35	35
Stone - crushed	2,700	78,300	181,050	8	8	8	8	10.6	14.3	19.2	26	35	191,060	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Tailings - Coarse (dry, loose sand)	2,400	69,600	172,350	8	8	8	10.6	10.6	14.3	19.2	35	35	182,360	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Tailings - Slimes (loose sand & clay)	2,700	78,300	181,050	8	8	8	8	10.6	14.3	19.2	26	35	191,060	10.6	10.6	10.6	10.6	19.2	19.2	26	35	35
Topsoil	1,600	46,400	149,150	8	8	10.6	10.6	14.3	19.2	26	35	35	159,160	10.6	10.6	10.6	19.2	19.2	19.2	35	35	35
assumes medium compression breaking			Empty	14.3	14.3	14.3	14.3	19.2	19.2	26	35	35	Empty	14.2	19.2	19.2	19.2	19.2	35	35	35	35

Source: Caterpillar Performance Handbook Edition 46

Weight of Materials			Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)																			
			631K											637K PP								
Material	**lb/yd3**	**Scraper Load (lb)**	**Loaded Weight (lb)**	**18**	**16**	**14**	**12**	**10**	**8**	**6**	**4**	**2**	**Loaded Weight (lb)**	**18**	**16**	**14**	**12**	**10**	**8**	**6**	**4**	**2**
Alluvium	2,900	84,100	186,850	4	5.5	6.5	7.4	9	11.2	15	22.3	33.2	196,860	6.7	7.6	8.7	9.4	12	15.2	20.5	29.8	35
Basalt	3,300	95,700	198,450	3.9	4.1	6.1	7	8.5	11	14	22.3	32	208,460	6.5	6.9	8.3	9.2	11.5	14.2	19.1	28.8	35
Clay - Dry	2,500	72,500	175,250	4.1	6.1	6.9	8.2	9.2	12	16.2	23	33	185,260	6.9	8.2	9	10.7	12.5	15.9	21.6	31	35
Granite - broken	2,800	81,200	183,950	4.1	6	6.6	7.8	9	11.5	15.9	23	32	193,960	6.8	7.8	8.8	9.6	12	15.3	20.9	30.2	35
Gravel	2,550	73,950	176,700	4.2	6.1	6.8	8.8	9.2	11.9	16	23.2	33	186,710	6.9	8.2	9	10.6	12.5	15.8	21.5	30.8	35
Limestone - broken	2,600	75,400	178,150	4.1	6	6.7	8.2	9	11.8	15.8	23	32	188,160	6.9	8.1	9	10.4	12.5	15.7	21.3	30.8	35
Limestone - crushed	2,600	75,400	178,150	4.1	6	6.7	8.2	9	11.8	15.8	23	32	188,160	6.9	8.1	9	10.4	12.5	15.7	21.3	30.8	35
Sandstone	2,550	73,950	176,700	4.2	6.1	6.8	8.8	9.2	11.9	16	23.2	33	186,710	6.9	8.2	9	10.6	12.5	15.8	21.5	30.8	35
Shale	2,100	60,900	163,650	5.8	6.5	7	8.8	9.5	12.5	16.6	26	34	173,660	7.8	8.7	9.3	11.4	13.5	16.6	22.6	31.6	35
Stone - crushed	2,700	78,300	181,050	4.2	6	6.6	8	9	11.4	15.5	22.5	33	191,060	6.8	8	8.9	10	12	15.5	21.1	30.4	35
Tailings - Coarse (dry, loose sand)	2,400	69,600	172,350	4.3	6.2	6.8	8.3	9.5	11.8	16	25	34	182,360	7	8.4	9.1	10.8	12.5	16	21.9	31.2	35
Tailings - Slimes (loose sand & clay)	2,700	78,300	181,050	4.2	6	6.6	8	9	11.4	15.5	22.5	33	191,060	6.8	8	8.9	10	12	15.5	21.1	30.4	35
Topsoil	1,600	46,400	149,150	6.3	6.9	8.4	9.2	11.2	14	19.6	24	34	159,160	8.5	9.1	10.7	12.2	15	18.3	25	32.4	35
			Empty	9	9.4	11.5	12.6	16	17.5	18.5	25	35	Empty	12.5	14.7	16.3	19.7	22.7	29.1	32.7	34.6	35

Source: Caterpillar Performance Handbook Edition 47

Productivity - Haul Trucks

Haul Truck Specifications

Description	770G	773G	777G	785D	789D	793F	797F
Chassis Weight (lb)	56,144	77,582	115,171	180,827	222,233	269,006	472,880
Body Weight (lb)	17,103	24,358	35,429	50,700	58,656	59,289	97,610
Standard Liner Weight (lb)	6,195	8,218	12,555	17,886	21,367	13,688	16,870
Total Truck Weight (lb)	79,442	110,158	163,155	249,413	302,256	341,983	587,360
Payload Capacity (yd3)							
Struck	24	34.5	54.6	77	106	173	315
Heaped	33.9	46	78.6	102	141	230	350
Average	28.7	40.25	66.6	89.5	123.5	201.5	332.5
Maneuver to Load Time (min)	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Maneuver and Dump Time (min)	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Operator Skill	1	1	1	1	1	1	1
Job Efficiency	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Rolling Resistance**	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Altitude Deration Factor	0.97	1	1	1	0.93	1	1

**A firm, smooth, rolling roadway with dirt or light surfacing, flexing slightly under load or undulating, maintained fairly regularly, watered

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials / Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)

Material	lb/yd3	Truck 770G Load (lb)	Truck 773G Load (lb)	770G Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0	773G Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0
Alluvium	2,900	83,230	116,725	162,672	7	10	10	13.5	18	18	25	35	35	35	226,883	10.6	10.6	10.6	10.6	19.2	19.2	19.2	35	35	35
Basalt	3,300	94,710	132,825	174,152	7	7	10	10	13.5	18	25	35	35	35	242,983	10.6	10.6	10.6	10.6	14.2	19.2	19.2	35	35	35
Clay - Dry	2,500	71,750	100,625	151,192	10	10	10	13.5	18	25	33.5	35	35	35	210,783	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Granite - broken	2,800	80,360	112,700	159,802	7	10	10	13.5	18	18	25	35	35	35	222,858	10.6	10.6	10.6	10.6	19.2	19.2	19.2	35	35	35
Gravel	2,550	73,185	102,638	152,627	10	10	10	13.5	18	25	33.5	35	35	35	212,796	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Limestone - broken	2,600	74,620	104,650	154,062	7	10	10	13.5	18	25	33.5	35	35	35	214,808	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Limestone - crushed	2,600	74,620	104,650	154,062	7	10	10	13.5	18	25	33.5	35	35	35	214,808	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Sandstone	2,550	73,185	102,638	152,627	10	10	10	13.5	18	25	33.5	35	35	35	212,796	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Shale	2,100	60,270	84,525	139,712	10	10	13.5	18	18	25	33.5	35	35	35	194,683	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Stone - crushed	2,700	77,490	108,675	156,932	10	10	10	13.5	18	25	33.5	35	35	35	218,833	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Tailings - Coarse (dry, loose sand)	2,400	68,880	96,600	148,322	10	10	10	13.5	18	25	33.5	35	35	35	206,758	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Tailings - Slimes (loose sand & clay)	2,700	77,490	108,675	156,932	10	10	10	13.5	18	25	33.5	35	35	35	218,833	10.6	10.6	10.6	10.6	19.2	19.2	25.9	35	35	35
Topsoil	1,600	45,920	64,400	125,362	10	13.5	13.5	18	25	25	33.5	35	35	35	174,558	10.6	10.6	10.6	14.2	19.2	19.2	35	35	35	35
				Empty	18	25	33.5	33.5	33.5	35	35	35	35	35	Empty	14.2	19.2	19.2	19.2	25.9	35	35	35	35	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials / Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)

Material	lb/yd3	Truck 777G Load (lb)	Truck 785D Load (lb)	777G Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0	785D Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0
Alluvium	2,900	193,140	259,550	356,295	8	9	9	9	13	16.8	16.8	22.8	35	35	508,963	7.8	7.8	7.8	10.5	10.5	14.2	19.2	35	35	35
Basalt	3,300	219,780	295,350	382,935	8	9	9	13	13	16.8	22.8	35	35	35	544,763	7.8	7.8	7.8	10.5	10.5	14.2	19.2	26.1	35	35
Clay - Dry	2,500	166,500	223,750	329,655	9	9	13	13	17	22.8	30.6	35	35	35	473,163	7.8	7.8	10.5	10.5	14.2	14.2	19.2	35	35	35
Granite - broken	2,800	186,480	250,600	349,635	9	9	9	13	17	16.8	22.8	35	35	35	500,013	7.8	7.8	7.8	10.5	10.5	14.2	19.2	35	35	35
Gravel	2,550	169,830	228,225	332,985	9	9	13	13	17	22.8	30.6	35	35	35	477,638	7.8	7.8	10.5	10.5	14.2	14.2	19.2	35	35	35
Limestone - broken	2,600	173,160	232,700	336,315	9	9	9	13	17	22.8	30.6	35	35	35	482,113	7.8	7.8	7.8	10.5	14.2	14.2	19.2	35	35	35
Limestone - crushed	2,600	173,160	232,700	336,315	9	9	9	13	17	22.8	30.6	35	35	35	482,113	7.8	7.8	7.8	10.5	14.2	14.2	19.2	35	35	35
Sandstone	2,550	169,830	228,225	332,985	9	9	13	13	17	22.8	30.6	35	35	35	477,638	7.8	7.8	10.5	10.5	14.2	14.2	19.2	35	35	35
Shale	2,100	139,860	187,950	303,015	9	9	13	17	17	22.8	30.6	35	35	35	437,363	7.8	7.8	10.5	10.5	14.2	19.2	26.1	35	35	35
Stone - crushed	2,700	179,820	241,650	342,975	9	9	9	13	17	16.8	22.8	35	35	35	491,063	7.8	7.8	7.8	10.5	10.5	14.2	19.2	35	35	35
Tailings - Coarse (dry, loose sand)	2,400	159,840	214,800	322,995	9	9	13	13	17	22.8	30.6	35	35	35	464,213	7.8	7.8	10.5	10.5	14.2	19.2	19.2	35	35	35
Tailings - Slimes (loose sand & clay)	2,700	179,820	241,650	342,975	9	9	9	13	17	16.8	22.8	35	35	35	491,063	7.8	7.8	10.5	10.5	14.2	14.2	19.2	35	35	35
Topsoil	1,600	106,560	143,200	269,715	9	12.5	12.5	16.8	22.8	22.8	30.6	35	35	35	392,613	7.8	10.5	10.5	14.2	14.2	19.2	26.1	35	35	35
				Empty	22.8	22.8	22.8	30.6	35	35	35	35	35	35	Empty	14.2	14.2	19.2	19.2	26.1	35	35	35	35	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials / Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)

Material	lb/yd3	Truck 789D Load (lb)	Truck 793F Load (lb)	789D Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0	793F Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0
Alluvium	2,900	358,150	584,350	660,406	7.8	7.8	7.8	7.8	10.5	10.5	19.2	26.1	35	35	926,333	8.1	8.1	10.9	10.9	14.8	20	26.1	35	35	35
Basalt	3,300	407,550	664,950	709,806	7.8	7.8	7.8	7.8	10.5	10.5	14.4	26.1	35	35	1,006,933	8.1	8.1	8.1	8.1	10.9	14.8	20	26.1	35	35
Clay - Dry	2,500	308,750	503,750	611,006	7.8	7.8	7.8	10.5	10.5	14.4	19.2	26.1	35	35	845,733	8.1	8.1	8.1	10.9	0	14.8	20	35	35	35
Granite - broken	2,800	345,800	564,200	648,056	7.8	7.8	7.8	7.8	10.5	14.4	19.2	26.1	35	35	906,183	8.1	8.1	8.1	10.9	10.9	14.8	20	26.1	35	35
Gravel	2,550	314,925	513,825	617,181	7.8	7.8	7.8	10.5	10.5	14.4	19.2	26.1	35	35	855,808	8.1	8.1	8.1	10.9	0	14.8	20	35	35	35
Limestone - broken	2,600	321,100	523,900	623,356	7.8	7.8	7.8	10.5	10.5	14.4	19.2	26.1	35	35	865,883	8.1	8.1	8.1	10.9	10.9	14.8	20	35	35	35
Limestone - crushed	2,600	321,100	523,900	623,356	7.8	7.8	7.8	10.5	10.5	14.4	19.2	26.1	35	35	865,883	8.1	8.1	8.1	10.9	10.9	14.8	20	35	35	35
Sandstone	2,550	314,925	513,825	617,181	7.8	7.8	7.8	10.5	10.5	14.4	19.2	26.1	35	35	855,808	8.1	8.1	8.1	10.9	0	14.8	20	35	35	35
Shale	2,100	259,350	423,150	561,606	7.8	7.8	7.8	10.5	10.5	14.4	19.2	35	35	35	765,133	8.1	8.1	10.9	10.9	14.8	20	26.1	35	35	35
Stone - crushed	2,700	333,450	544,050	635,706	7.8	7.8	7.8	7.8	10.5	14.4	19.2	26.1	35	35	886,033	8.1	8.1	8.1	10.9	10.9	14.8	20	35	35	35
Tailings - Coarse (dry, loose sand)	2,400	296,400	483,600	598,656	7.8	7.8	7.8	10.5	10.5	14.4	19.2	26.1	35	35	825,583	8.1	8.1	8.1	10.9	14.8	14.8	20	35	35	35
Tailings - Slimes (loose sand & clay)	2,700	333,450	544,050	635,706	7.8	7.8	7.8	7.8	10.5	14.4	19.2	26.1	35	35	886,033	8.1	8.1	8.1	10.9	10.9	14.8	20	35	35	35
Topsoil	1,600	197,600	322,400	499,856	7.8	7.8	10.5	10.5	14.4	19.2	19.2	35	35	35	664,383	8.1	10.9	10.9	14.8	14.8	20	26.1	35	35	35
				Empty	10.5	14.4	14.4	19.2	19.2	26.1	35	35	35	35	Empty	14.8	20	20	26.1	26.1	35	35	35	35	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials			Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)										
			797F										
Material	lb/yd3	Truck 797F Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0
Alluvium	2,900	964,250	1,551,610	5.4	6.8	7.2	8.7	9.6	13.8	17.3	23.2	35	35
Basalt	3,300	1,097,250	1,684,610	5.4	5.4	7.2	7.2	9.6	12.9	17.2	23.4	35	35
Clay - Dry	2,500	831,250	1,418,610	6.3	7.2	7.5	9.6	11.4	12.9	17.2	23.4	35	35
Granite - broken	2,800	931,000	1,518,360	5.4	6.9	7.2	9	9.6	12.9	17.2	23.4	35	35
Gravel	2,550	847,875	1,435,235	6.3	7.2	7.2	9.6	11.2	12.9	17.2	23.4	35	35
Limestone - broken	2,600	864,500	1,451,860	6	7.2	7.2	9.6	10.7	12.9	17.2	23.4	35	35
Limestone - crushed	2,600	864,500	1,451,860	6	7.2	7.2	9.6	10.7	12.9	17.2	23.4	35	35
Sandstone	2,550	847,875	1,435,235	6.3	7.2	7.2	9.6	11.2	12.9	17.2	23.4	35	35
Shale	2,100	698,250	1,285,610	7.2	7.2	9.6	9.6	12.9	15	19.8	31.5	35	35
Stone - crushed	2,700	897,750	1,485,110	6.8	7.2	7.2	9.6	10	12.9	17.2	23.4	35	35
Tailings - Coarse (dry, loose sand)	2,400	798,000	1,385,360	6.6	7.2	8	9.6	11.8	12.9	17.2	26	35	35
Tailings - Slimes (loose sand & clay)	2,700	897,750	1,485,110	6.8	7.2	7.2	9.6	10	12.9	17.2	23.4	35	35
Topsoil	1,600	532,000	1,119,360	6.5	9.6	9.6	12.9	12.9	17.2	23.4	31.5	35	35
			Empty	13.8	17.3	17.3	23.2	23.3	31.4	35	35	35	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)																			
				770G										773G									
Material	lb/yd3	Truck 770G Load (lb)	Truck 773G Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2
Alluvium	2,900	83,230	116,725	162,672	4	5	6.3	7.5	8.9	11.3	15.2	22.3	35	226,883	5.6	6.6	7.4	8.7	10.4	13.2	17.5	25.7	35
Basalt	3,300	94,710	132,825	174,152	4	4.4	5.9	6.8	8.5	10.6	14.6	21.6	35	242,983	5.3	6	7	8	9.8	12.2	16.2	24.3	35
Clay - Dry	2,500	71,750	100,625	151,192	4.8	6	6.8	8.4	9.5	12.1	16.4	24.8	35	210,783	6.2	7.1	8	9.5	10.9	14	18.7	28	35
Granite - broken	2,800	80,360	112,700	159,802	4.2	5.3	6.5	12.8	14	11.6	15.5	22.5	35	222,858	5.9	6.8	7.7	8.9	10.5	13.3	17.9	26.6	35
Gravel	2,550	73,185	102,638	152,627	4.5	6	6.8	8.3	9.5	12	16.2	23.4	35	212,796	6.2	7.1	7.9	9.4	10.8	13.9	18.5	27.4	35
Limestone - broken	2,600	74,620	104,650	154,062	4.3	5.8	6.7	8.2	9.3	12	16	24.5	35	214,808	6	7	7.9	9.2	10.8	13.7	18.3	27.4	35
Limestone - crushed	2,600	74,620	104,650	154,062	4.3	5.8	6.7	8.2	9.3	12	16	24.5	35	214,808	6	7	7.9	9.2	10.8	13.7	18.3	27.4	35
Sandstone	2,550	73,185	102,638	152,627	4.5	6	6.8	8.3	9.5	12	16.2	23.4	35	212,796	6.2	7.1	7.9	9.4	10.8	13.9	18.5	27.4	35
Shale	2,100	60,270	84,525	139,712	5.3	6.5	7.5	8.7	10.5	12.5	16.8	27	35	194,683	6.8	7.6	8.8	10.2	12	15.2	19.9	30.8	35
Stone - crushed	2,700	77,490	108,675	156,932	4.3	5.5	6.6	8	9.2	11.8	15.8	23.1	35	218,833	6	7.8	7.8	9	10.6	13.6	18	26.7	35
Tailings - Coarse (dry, loose sand)	2,400	68,880	96,600	148,322	4.9	6.2	7.1	8.5	10	12.3	16.5	25.7	35	206,758	6.4	7.3	8.1	9.7	11.5	14.2	18.9	28.6	35
Tailings - Slimes (loose sand & clay)	2,700	77,490	108,675	156,932	4.3	5.5	6.6	8	9.2	11.8	15.8	23.1	35	218,833	6	7.8	7.8	9	10.6	13.6	18	26.7	35
Topsoil	1,600	45,920	64,400	125,362	6.5	7.5	8.5	9.8	11.8	15	20.2	29.5	35	174,558	7.5	8.2	9.5	10.8	13.3	16.7	22.3	33.4	35
				Empty	11.4	12.5	15	17	21.2	26	34.7	35	35	Empty	13.1	14.5	16.7	19.2	23	29.4	35	35	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)																			
				777G										785D									
Material	lb/yd3	Truck 777G Load (lb)	Truck 785D Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2
Alluvium	2,900	193,140	259,550	356,295	4	5	6	7	8	10.5	14.2	20.5	35	508,963	4	4.4	6.4	7.1	8.8	11	14.6	21.8	33.6
Basalt	3,300	219,780	295,350	382,935	4	5	6	7	8	10	13.2	19.6	35	544,763	3.6	4.2	5.8	6.8	8.2	9.6	13	20.6	33.2
Clay - Dry	2,500	166,500	223,750	329,655	5	6	7	8	9	11	14.8	23.3	35	473,163	4.3	6	6.8	7.7	9.4	11.8	15.9	23.3	34
Granite - broken	2,800	186,480	250,600	349,635	4	5	6	7	8	10.6	14.3	21.5	35	500,013	4	4.5	6.5	7.2	9	11.2	14.8	22.4	33.8
Gravel	2,550	169,830	228,225	332,985	5	6	6	8	9	11	14.9	23	35	477,638	4.2	5.8	6.7	7.7	9.4	11.8	15.8	23.1	33.9
Limestone - broken	2,600	173,160	232,700	336,315	5	6	6	8	9	11	14.6	22.9	35	482,113	4.2	5.7	6.7	7.4	9.2	11.6	15.6	23	33.9
Limestone - crushed	2,600	173,160	232,700	336,315	5	6	6	8	9	11	14.6	22.9	35	482,113	4.2	5.7	6.7	7.4	9.2	11.6	15.6	23	33.9
Sandstone	2,550	169,830	228,225	332,985	5	6	6	8	9	11	14.9	23	35	477,638	4.2	5.8	6.7	7.7	9.4	11.8	15.8	23.1	33.9
Shale	2,100	139,860	187,950	303,015	6	6	7	8	10	12.5	16.4	25.1	35	437,363	5.3	6.5	7.2	8.6	9.6	12.7	16.9	23.6	34
Stone - crushed	2,700	179,820	241,650	342,975	5	6	6	8	9	10.8	14.6	22.2	35	491,063	4.1	5.4	6.6	7.2	9	11.4	15.2	22.5	33.7
Tailings - Coarse (dry, loose sand)	2,400	159,840	214,800	322,995	5	6	7	8	9	10.2	15.1	23.9	35	464,213	4.2	6.1	6.9	8	9.5	12.1	16.1	23.4	34
Tailings - Slimes (loose sand & clay)	2,700	179,820	241,650	342,975	5	6	6	8	9	10.8	14.6	22.2	35	491,063	4.1	5.4	6.6	7.2	9	11.4	15.2	22.5	33.7
Topsoil	1,600	106,560	143,200	269,715	6	7	8	9.3	10.8	13.8	18.6	27.4	35	392,613	6.5	7.1	8.2	9.2	11.4	13.2	17.6	28.5	34.6
				Empty	10.8	12.5	14.2	16.6	19.6	25	33	35	35	Empty	9.6	11	13.5	14.8	17.3	22.2	29.4	33.2	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)																			
				789D										793F									
Material	lb/yd3	Truck 789D Load (lb)	Truck 793F Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2
Alluvium	2,900	358,150	584,350	660,406	5	6.4	7	8.6	9.8	12.7	16.8	24.2	34.7	926,333	3.3	4	6.5	7.2	9	11	14.4	22.6	34.8
Basalt	3,300	407,550	664,950	709,806	4.6	5.8	6.7	7.3	9.4	11.8	15.7	23.6	34.3	1,006,933	2.8	3.5	5.8	7	8.2	9.8	13.3	20	34.1
Clay - Dry	2,500	308,750	503,750	611,006	6.2	7	7.3	9.3	10.5	13.2	17.7	28	34.9	845,733	3.9	6.1	7.1	8	9.7	12.3	16.5	24	35
Granite - broken	2,800	345,800	564,200	648,056	5.4	6.6	7.2	8.7	9.8	12.8	17	24.3	34.7	906,183	3.2	4	6.6	7.2	9.3	11.3	15	22.7	34.9
Gravel	2,550	314,925	513,825	617,181	6.1	6.9	7.2	9.1	10.4	13.2	17.6	27.7	34.8	855,808	4.8	6	7	7.9	9.7	12.3	16.4	24	35
Limestone - broken	2,600	321,100	523,900	623,356	5.9	6.8	7.2	9	10.1	13.1	17.4	26.9	34.8	865,883	4.6	5.8	7	7.8	9.6	12.2	16	23.9	35
Limestone - crushed	2,600	321,100	523,900	623,356	5.9	6.8	7.2	9	10.1	13.1	17.4	26.9	34.8	865,883	4.6	5.8	7	7.8	9.6	12.2	16	23.9	35
Sandstone	2,550	314,925	513,825	617,181	6.1	6.9	7.2	9.1	10.4	13.2	17.6	27.7	34.8	855,808	4.8	6	7	7.9	9.7	12.3	16.4	24	35
Shale	2,100	259,350	423,150	561,606	6.7	7.2	8.6	9.6	11.8	14.4	19.5	30.6	35	765,133	5.9	6.9	7.6	9.2	10.4	13.3	17.9	25.9	35
Stone - crushed	2,700	333,450	544,050	635,706	5.6	6.7	7.2	8.8	9.8	12.8	17.3	25.1	34.7	886,033	3.5	5.6	6.8	7.4	9.4	11.6	15.4	23.4	35
Tailings - Coarse (dry, loose sand)	2,400	296,400	483,600	598,656	6.4	6	7.9	9	11.1	13.2	17.8	28.6	35	825,583	3.9	6.3	7.2	8.4	9.8	12.7	17	24.4	35
Tailings - Slimes (loose sand & clay)	2,700	333,450	544,050	635,706	5.6	6.7	7.2	8.8	9.8	12.8	17.3	25.1	34.7	886,033	3.5	5.6	6.8	7.4	9.4	11.6	15.4	23.4	35
Topsoil	1,600	197,600	322,400	499,856	7.2	8.4	9.4	11.1	13	16.7	22.2	32.5	35	664,383	7	7.4	9.1	9.8	12.6	15.4	20.8	30.6	35
				Empty	12	13	15.4	17.8	21.6	27	33	35	35	Empty	13	13.8	16.7	18.2	23.1	28.5	34.7	35	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials			Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)									
			797F									
Material	lb/yd3	Truck 797F Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2
Alluvium	2,900	964,250	1,551,610	4	5	6.1	6.6	8.5	10.5	13.6	20.9	35
Basalt	3,300	1,097,250	1,684,610	3.2	4	5.8	6.5	7.8	9	12	19.4	35
Clay - Dry	2,500	831,250	1,418,610	4.1	6	6.5	7.8	8.8	11.2	15	21.2	35
Granite - broken	2,800	931,000	1,518,360	4	5.5	6.2	7	8.6	10.9	14.4	21	35
Gravel	2,550	847,875	1,435,235	4	5.9	6.5	7.5	8.8	11.2	15	21	35
Limestone - broken	2,600	864,500	1,451,860	4	5.6	6.5	7.5	8.8	11.1	14.9	21	35
Limestone - crushed	2,600	864,500	1,451,860	4	5.6	6.5	7.5	8.8	11.1	14.9	21	35
Sandstone	2,550	847,875	1,435,235	4	5.9	6.5	7.5	8.8	11.2	15	21	35
Shale	2,100	698,250	1,285,610	5.8	6.4	7	8.5	10	11.8	15.8	25.7	35
Stone - crushed	2,700	897,750	1,485,110	4	5.5	6.4	7.1	8.8	11	14.2	21	35
Tailings - Coarse (dry, loose sand)	2,400	798,000	1,385,360	5	6	6.5	7.9	8.8	11.5	15.4	23	35
Tailings - Slimes (loose sand & clay)	2,700	897,750	1,485,110	4	5.5	6.4	7.1	8.8	11	14.2	21	35
Topsoil	1,600	532,000	1,119,360	6.5	7	8.2	9.4	11.5	14.5	19.5	28.2	35
			Empty	10.8	13.2	15.2	17	21	26.3	33.3	35	35

Source: Caterpillar Performance Handbook Edition 47

Productivity - Articulated Trucks

Articulated Truck Specifications				
Description	725C2	730C2	735C	740C
Empty Weight (lb)	50,795	53,131	69,446	79,366
Payload Capacity (yd3)				
Struck	14.4	17.4	19.6	23.5
Heaped	19.6	23	26.8	30.1
Average	17	20.2	23.2	26.8
Maneuver to Load Time (min)	0.7	0.7	0.7	0.7
Maneuver and Dump Time (min)	1.1	1.1	1.1	1.1
Operator Skill	1	1	1	1
Job Efficiency	0.83	0.83	0.83	0.83
Rolling Resistance**	2.5	2.5	2.5	2.5
Altitude Deration Factor	1	1	0.99	0.99

**A firm, smooth, rolling roadway with dirt or light surfacing, flexing slightly under load or undulating, maintained fairly regularly, watered

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)																					
				725C2												730C2											
Material	lb/yd3	Truck 725C2 Load (lb)	Truck 730C2 Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0		Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0
Alluvium	2,900	49,300	58,580	100,095	6	7	8	9	11	13.5	18	25.5	34	34		111,711	5	10	10	10	15	23	23	35	35	35
Basalt	3,300	56,100	66,660	106,895	6	7	8	9	11	13	17	25.5	34	34		119,791	5	10	10	10	15	15	23	35	35	35
Clay - Dry	2,500	42,500	50,500	93,295	6	8	8	10	12	14.5	20	27	34	34		103,631	10	10	10	15	15	23	30	35	35	35
Granite - broken	2,800	47,600	56,560	98,395	6	7	8	9	11	14	17.8	27.3	34	34		109,691	10	10	10	15	15	23	31	35	35	35
Gravel	2,550	43,350	51,510	94,145	6	7	10	10	12	14.5	18.5	27	34	34		104,641	10	15	10	15	15	23	30	35	35	35
Limestone - broken	2,600	44,200	52,520	94,995	6	7	8	9	11	14.5	18.5	27.5	34	34		105,651	10	15	10	15	15	23	30	35	35	35
Limestone - crushed	2,600	44,200	52,520	94,995	6	7	8	9	11	14.5	18.5	27.5	34	34		105,651	10	15	10	15	15	23	30	35	35	35
Sandstone	2,550	43,350	51,510	94,145	6	7	10	10	12	14.5	18.5	27	34	34		104,641	10	15	10	15	15	23	30	35	35	35
Shale	2,100	35,700	42,420	86,495	7	8	9	10	13	15.5	20	29.5	34	34		95,551	10	15	15	15	23	23	35	35	35	35
Stone - crushed	2,700	45,900	54,540	96,695	6	7	8	10	11	14.3	18	28	34	34		107,671	10	10	10	15	15	23	31	35	35	35
Tailings - Coarse (dry, loose sand)	2,400	40,800	48,480	91,595	7	8	9	10	12	14.8	19	28.5	34	34		101,611	10	10	10	15	15	23	29	35	35	35
Tailings - Slimes (loose sand & clay)	2,700	45,900	54,540	96,695	6	7	8	10	11	14.3	18	28	34	34		107,671	10	10	10	15	15	23	31	35	35	35
Topsoil	1,600	27,200	32,320	77,995	8	9	10	12	14.3	19.5	24	34	34	34		85,451	10	15	15	15	23	23	33	35	35	35
				Empty	12	13.8	15	18	21.5	34	34	34	34	34		Empty	15	15	15	15	23	35	35	35	35	35

assumes medium compression breaking

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)																					
				735C												740C											
Material	lb/yd3	Truck 735C Load (lb)	Truck 740C Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0		Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	0
Alluvium	2,900	67,280	77,720	136,726	9	12	12	15	20	24.3	30.8	35	35	35		157,086	9	9	12	15	15	20.8	25	35	35	35
Basalt	3,300	76,560	88,440	146,006	9	9	12	15	15	20.3	32.5	35	35	35		167,806	9	9	12	15	15	20.8	25	35	35	35
Clay - Dry	2,500	58,000	67,000	127,446	12	12	15	15	20	24.3	35	35	35	35		146,366	9	12	15	15	21	25	25	35	35	35
Granite - broken	2,800	64,960	75,040	134,406	9	12	12	15	20	20	30	35	35	35		154,406	9	9	12	15	15	20.8	25	35	35	35
Gravel	2,550	59,160	68,340	128,606	9	12	15	15	20	24.3	35	35	35	35		147,706	9	12	15	15	21	25	33	35	35	35
Limestone - broken	2,600	60,320	69,680	129,766	9	12	15	15	20	24.3	29	35	35	35		149,046	9	12	15	15	21	25	33	35	35	35
Limestone - crushed	2,600	60,320	69,680	129,766	9	12	15	15	20	24.3	29	35	35	35		149,046	9	12	15	15	21	25	33	35	35	35
Sandstone	2,550	59,160	68,340	128,606	9	12	15	15	20	24.3	35	35	35	35		147,706	9	12	15	15	21	25	33	35	35	35
Shale	2,100	48,720	56,280	118,166	12	12	15	15	20	24.3	35	35	35	35		135,646	12	12	15	15	21	25	35	35	35	35
Stone - crushed	2,700	62,640	72,360	132,086	9	12	15	15	20	24.3	29.5	35	35	35		151,726	9	12	15	15	21	25	33.5	35	35	35
Tailings - Coarse (dry, loose sand)	2,400	55,680	64,320	125,126	12	12	15	15	20	24.3	35	35	35	35		143,686	9	12	15	15	21	25	32	35	35	35
Tailings - Slimes (loose sand & clay)	2,700	62,640	72,360	132,086	9	12	15	15	20	24.3	29.5	35	35	35		151,726	9	12	15	15	21	25	33.5	35	35	35
Topsoil	1,600	37,120	42,880	106,566	12	14.8	14.8	20	24.3	24.3	35	35	35	35		122,246	12	15	15	20.8	25	25	35	35	35	35
				Empty	14.8	20	24.3	24.3	35	35	35	35	35	35		Empty	20.8	25	25	25	35	35	35	35	35	35

assumes medium compression breaking

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)																		
				725C2										730C2								
Material	lb/yd3	Truck 725C2 Load (lb)	Truck 730C2 Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2
Alluvium	2,900	49,300	58,580	100,095	5.2	6.1	6.9	8	9.5	11.6	15.1	20.5	31.9	111,711	6	6.7	7.6	8.8	10.5	13.2	17	23.2	33.3
Basalt	3,300	56,100	66,660	106,895	4.6	5.7	6.5	7.6	8.9	10.9	14.1	19.6	31.1	119,791	5.7	6.3	7.1	8.2	9.8	12.3	16.1	22.1	32.7
Clay - Dry	2,500	42,500	50,500	93,295	5.8	6.6	7.4	8.4	10.2	12.2	16.1	21.8	32.7	103,631	6.5	7.2	8.2	9.4	11.2	14.2	18.1	24.4	33.8
Granite - broken	2,800	47,600	56,560	98,395	5.3	6.2	7.1	8.1	9.7	11.8	15.3	20.6	32.2	109,691	6.1	6.8	7.7	8.9	10.7	13.4	17.3	23.5	33.4
Gravel	2,550	43,350	51,510	94,145	5.7	6.5	7.4	8.3	10.1	12.1	16	21.5	32.7	104,641	6.5	7.1	8.2	9.3	11.1	14	18	24.2	33.8
Limestone - broken	2,600	44,200	52,520	94,995	5.7	6.4	7.3	8.3	10	12.1	15.9	21.5	32.8	105,651	6.4	7.1	8.1	9.2	11	13.9	17.9	24.1	33.7
Limestone - crushed	2,600	44,200	52,520	94,995	5.7	6.4	7.3	8.3	10	12.1	15.9	21.5	32.8	105,651	6.4	7.1	8.1	9.2	11	13.9	17.9	24.1	33.7
Sandstone	2,550	43,350	51,510	94,145	5.7	6.5	7.4	8.3	10.1	12.1	16	21.5	32.7	104,641	6.5	7.1	8.2	9.3	11.1	14	18	24.2	33.8
Shale	2,100	35,700	42,420	86,495	6.3	7.1	7.9	9.1	10.9	12.9	17	23	33.3	95,551	7	7.8	8.9	10.2	12.3	15.3	19.2	25.9	34.4
Stone - crushed	2,700	45,900	54,540	96,695	5.5	6.3	7.2	8.2	9.8	11.9	15.6	21.2	32.4	107,671	6.3	7	7.9	9.1	10.8	13.6	17.6	23.8	33.6
Tailings - Coarse (dry, loose sand)	2,400	40,800	48,480	91,595	5.9	6.7	7.6	8.5	10.4	12.4	16.4	22	33	101,611	6.6	7.3	8.4	9.6	11.4	14.5	18.4	24.8	34
Tailings - Slimes (loose sand & clay)	2,700	45,900	54,540	96,695	5.5	6.3	7.2	8.2	9.8	11.9	15.6	21.2	32.4	107,671	6.3	7	7.9	9.1	10.8	13.6	17.6	23.8	33.6
Topsoil	1,600	27,200	32,320	77,995	6.9	7.8	8.5	10.1	12	14.7	18.5	24.6	33.9	85,451	7.8	8.7	9.9	11.3	13.7	16.7	20.9	27.9	34.9
				Empty	10.4	11.6	12.7	14.9	17.8	20.4	25.2	31.7	35	Empty	12.6	14	15.9	17.8	20.4	24	29.2	33.7	35

Source: Caterpillar Performance Handbook Edition 47

Weight of Materials				Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)																		
				735C										740C								
Material	lb/yd3	Truck 735C Load (lb)	Truck 740C Load (lb)	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2	Loaded Weight (lb)	18	16	14	12	10	8	6	4	2
Alluvium	2,900	67,280	77,720	136,726	5.4	6.6	7.4	9	10.2	12.4	18	24	33	157,086	5.6	6.2	7.4	8.7	10.4	12.8	17.2	24	34
Basalt	3,300	76,560	88,440	146,006	5.1	5.8	6	8.2	9.8	12.1	16.8	22	32.8	167,806	5.2	5.8	7	8	10	12.2	16	22.4	34
Clay - Dry	2,500	58,000	67,000	127,446	6	7.1	8.9	9.6	11.2	13.5	19.2	26.8	33.2	146,366	6	7	7.9	9.6	11.1	13.4	19.3	25.7	34
Granite - broken	2,800	64,960	75,040	134,406	5.8	6.8	7.5	9.1	10.4	12.7	18.5	25.5	32.8	154,406	5.7	6.6	7.5	9	10.6	12.8	17.3	22.9	34
Gravel	2,550	59,160	68,340	128,606	6	7	8.9	9.5	11.2	13	19	26.7	33.2	147,706	5.9	7	7.8	9.5	11	13.3	19.2	25.7	34
Limestone - broken	2,600	60,320	69,680	129,766	5.9	6.8	7.8	9.5	11	13	19.2	24.5	33	149,046	5.8	6.8	7.8	9.5	10.9	13.2	19.2	25.7	34
Limestone - crushed	2,600	60,320	69,680	129,766	5.9	6.8	7.8	9.5	11	13	19.2	24.5	33	149,046	5.8	6.8	7.8	9.5	10.9	13.2	19.2	25.7	34
Sandstone	2,550	59,160	68,340	128,606	6	7	8.9	9.5	11.2	13	19	26.7	33.2	147,706	5.9	7	7.8	9.5	11	13.3	19.2	25.7	34
Shale	2,100	48,720	56,280	118,166	6.7	7.4	9.1	10.2	11.8	15.4	20.5	27.5	33.5	135,646	6.4	7.4	8.6	10.2	11.9	14.3	20.2	28.4	34
Stone - crushed	2,700	62,640	72,360	132,086	5.4	6.8	7.4	9.2	10.6	12.7	18.5	25	33	151,726	5.7	6.7	7.7	9.3	10.8	13	18.3	25.6	34
Tailings - Coarse (dry, loose sand)	2,400	55,680	64,320	125,126	6.1	7	8.2	9.6	11.3	14.6	19.6	27	33.2	143,686	6	7.2	8	9.8	11.1	13.8	19.3	27	34
Tailings - Slimes (loose sand & clay)	2,700	62,640	72,360	132,086	5.4	6.8	7.4	9.2	10.6	12.7	18.5	25	33	151,726	5.7	6.7	7.7	9.3	10.8	13	18.3	25.6	34
Topsoil	1,600	37,120	42,880	106,566	7.3	8.6	9.7	11	12.6	17.2	21.2	29	33.5	122,246	7.4	8.2	9.7	11	12.8	16.4	21.5	29.3	34
				Empty	11.5	12.4	15.2	17.8	20.3	24.6	30.3	33	33.5	Empty	11.3	12.5	14	16.6	20.8	23	29.5	33.8	34

Source: Caterpillar Performance Handbook Edition 47

Productivity - Wheel Loaders

Wheel Loader Specifications														
Description	926M	930M	950M	966M	972M	972M (2)	980M	988K	988K (2)	990K	992K	992K (2)	994K	994K (2)	L2350
Payload Capacity (yd3)															
Struck	2.2	2.5	3.5	4.3	4.7	4.7	6	6.9	6.9	9.5	12.4	12.4	18.3	18.3	
Heaped	2.7	3	4.1	5	5.6	5.6	7.1	8.33	8.33	11.25	15	15	22.5	22.5	
Average	2.45	2.75	3.8	4.65	5.15	5.15	6.55	7.62	7.62	10.38	13.7	13.7	20.4	20.4	53
Matched Truck	N/A	N/A	N/A	725C2	730C2	735C	N/A	740C	770G	773G	777G	785D	789D	793F	797F
Average Cycle Time (min)	0.475	0.475	0.475	0.525	0.525	0.525	0.525	0.575	0.575	0.575	0.575	0.65	0.65	0.65	0.75
Passes to Fill Truck	N/A	N/A	N/A	4	4	5	N/A	4	4	4	5	7	10	10	6
Altitude Deration Factor	0.92	0.9	0.97	0.91	0.89	0.89	1	0.98	0.98	0.93	0.93	0.93	0.99	0.99	0.96
Operator Skill	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Job Efficiency	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Time to Fill Truck	N/A	N/A	N/A	1.91	1.87	2.34	N/A	2.25	2.25	2.14	2.67	4.23	6.44	6.44	4.32
Rolling Resistance**	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Loader matched to small truck fleet
Loader matched to medium truck fleet
Loader matched to large truck fleet
Loader matched to extra large truck fleet

**A firm, smooth, rolling roadway with dirt or light surfacing, flexing slightly under load or undulating, maintained fairly regularly, watered
992K (2) - can be used to load 785 with 6 passes

Source: Caterpillar Performance Handbook Edition 47; LeTourneau/actual Chilean mine operating data for L2350.

Matched Wheeled Loader Buckets		
Wheeled Loaders	General Purpose yd3	Heavy Duty Rock yd3
930M	2.85	-
950M	4.25	-
966M	5.5	-
972M	6	-
980M	7.88	-
988K	-	8.3
990K	-	11.25
992K	-	14
994K	-	26.5

note: capacities are 2:1 heaped, SAE standards
NOTES: Buckets for both Track Excavators and Wheel Loaders are offered by CECo & available for the rental rates quoted. Bucket sizes and capacities obtained from CATERPILLAR PERFORMANCE HANDBOOK, ED 47; Section 23, Wheel Loader

Bucket capacity and width dictated by material weight and configuration, ie., shot, loose, tight bank, stockpile, rock, etc. Typical Nevada applications were used to determine above bucket capacities as related to materials & densities. Job site specifics may alter specific bucket requirements. (Cashman Equipment, Elko, Nevada)

Productivity - Shovels

Shovel/Excavator Specifications (Komatsu or Hitachi equivalent)						
Description	**PC2000**	**PC3000**	**PC4000**	**PC5500**	**PC8000**	**EX2500**
Payload Capacity (yd3)						
Struck	10.46	18.84	26.16	33.48	47.09	
Heaped	14.39	25.9	35.97	46.04	64.75	
Average	12.43	22.37	31.07	39.76	55.92	19.63
Matched Truck	740	777D	785C	793C	797B	789C
Average Cycle Time (min)	0.49	0.49	0.59	0.59	0.69	0.68
Passes to Fill Truck	2.05	2.84	3.38	4.69	5.11	6
Altitude Deration Factor	0.96	0.96	0.96	0.96	0.96	0.96
Operator Skill	1	1	1	1	1	1
Job Efficiency	0.83	0.83	0.83	0.83	0.83	0.83
Time to Fill Truck	1.68	2.33	3.32	4.61	5.86	5.9168
Rolling Resistance**	2.5	2.5	2.5	2.5	2.5	2.5

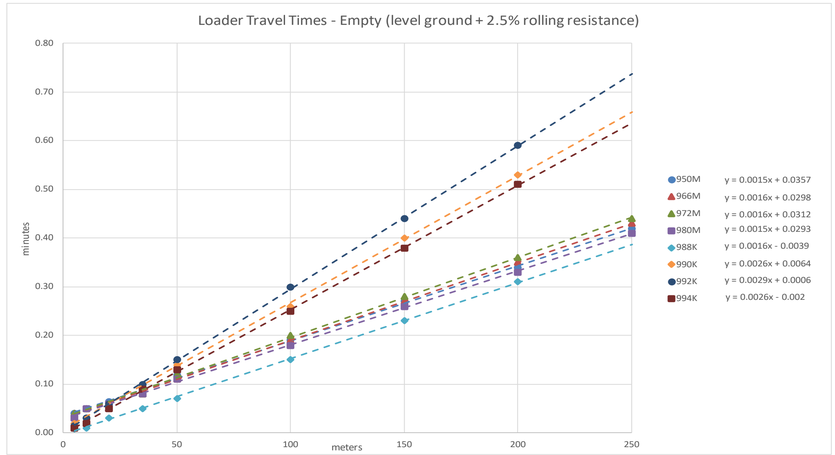
Shovel matched to small truck fleet
Shovel matched to medium truck fleet
Shovel matched to large truck fleet
Shovel matched to extra large truck fleet

**A firm, smooth, rolling roadway with dirt or light surfacing, flexing slightly under load or undulating, maintained fairly regularly, watered

Source: Caterpillar Performance Handbook Edition 46; Komatsu actual Peruvian mine (Lagunas Norte) operating data for PC4000.

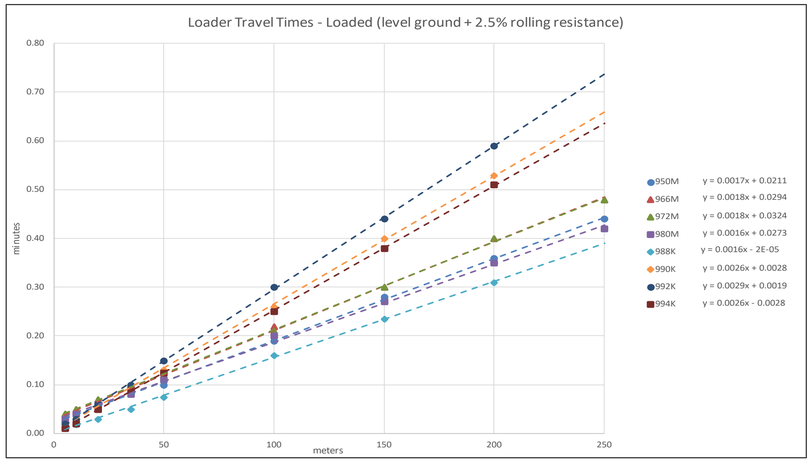
Loader Travel Times - Empty											
	Distance (ft)										
Loader Model	**16.4041995**	**32.808399**	**65.616798**	**114.8293965**	**164.041995**	**328.08399**	**492.125985**	**656.16798**	**820.209975**	**a**	**b**
950M	0.04	0.05	0.07	0.09	0.12	0.19	0.27	0.34	0.42	0.0015	0.0357
966M	0.04	0.05	0.06	0.08	0.11	0.19	0.27	0.35	0.43	0.0016	0.0298
972M	0.04	0.05	0.06	0.08	0.12	0.20	0.28	0.36	0.44	0.0016	0.0312
980M	0.03	0.05	0.06	0.08	0.11	0.18	0.26	0.33	0.41	0.0015	0.0293
988K	0.01	0.01	0.03	0.05	0.07	0.15	0.23	0.31		0.0016	0.0039
990K	0.02	0.03	0.06	0.10	0.14	0.26	0.40	0.53		0.0026	0.0064
992K	0.02	0.03	0.06	0.10	0.15	0.30	0.44	0.59		0.0029	0.0006
994K	0.01	0.02	0.05	0.09	0.13	0.25	0.38	0.51		0.0026	-0.002
Travel Time (min) =	a(distance) + b										

Source: Caterpillar Performance Handbook Edition 47



Loader Travel Times - Loaded											
	Distance (ft)										
Loader Model	**16.4041995**	**32.808399**	**65.616798**	**114.8293965**	**164.041995**	**328.08399**	**492.125985**	**656.16798**	**820.209975**	**a**	**b**
950M	0.03	0.04	0.06	0.08	0.10	0.19	0.28	0.36	0.44	0.0017	0.0211
966M	0.04	0.05	0.06	0.09	0.12	0.22	0.30	0.40	0.48	0.0018	0.0294
972M	0.04	0.05	0.07	0.10	0.12	0.21	0.30	0.40	0.48	0.0018	0.0324
980M	0.03	0.04	0.06	0.08	0.11	0.20	0.27	0.35	0.42	0.0016	0.0273
988K	0.01	0.02	0.03	0.05	0.08	0.16	0.24	0.31		0.0016	-0.00002
990K	0.02	0.03	0.06	0.09	0.13	0.26	0.40	0.53		0.0026	0.0028
992K	0.02	0.03	0.06	0.10	0.15	0.30	0.44	0.59		0.0029	0.0019
994K	0.01	0.02	0.05	0.09	0.13	0.25	0.38	0.51		0.0026	-0.0028
Travel Time (min) =	a(distance) + b										

Source: Caterpillar Performance Handbook Edition 47



Productivity - Motor Graders

Motor Grader Specifications				
Description	**12M2**	**14M**	**16M3**	**24M**
Grader Width (ft)	8.25	9.2	11.2	14
Blade Width (ft)	12	14	16	24
Number of Shanks	5	7	7	7
Ripper Width (7 shanks) (ft)	7.6	8.5	9.75	12.83
Road Maintence Speed (mph)				
Minimum	3	3	3	3
Maximum	9.5	9.5	9.5	9.5
Average	6.25	6.25	6.25	6.25
Hourly Production (ft)	33,000	33,000	33,000	33,000
Ripping Speed (mph)	1	1	1	1
Minimum	0	0	0	0
Maximum	3	3	3	3
Average	1.5	1.5	1.5	1.5
Altitude Deration Factor	1	1	1	0.91
Ripping Hourly Production (with job efficiency correction & altitude deration factors) (excluding manuever time) (ft)	6,574	6,574	6,574	5,982
Maneuver time per pass (min)	0.5	0.5	0.5	0.5
Operator Skill	1	1	1	1
Job Efficiency	0.83	0.83	0.83	0.83

Source: Caterpillar Performance Handbook Edition 47

Productivity - Excavators

Track Excavator Specifications							
Description	**312F**	**320F**	**325F**	**330F**	**349F**	**374F**	**390F**
Bucket Capacity (yd3)	0.68	1.57	2.22	2.22	3.00	4.60	7.30
Fill Factor	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Average Bucket Load (yd3)	0.612	1.413	1.998	1.998	2.7	4.14	6.57
Soil Type	packed earth	hard clay	hard clay	hard clay	hard clay	hard clay	hard clay
Job Condition	med-hard	med-hard	med-hard	med-hard	med-hard	med-hard	med-hard
Cycle Times (minutes) - based on hard clay							
Load Bucket	0.07	0.09	0.09	0.09	0.13	0.1	0.19
Swing Loaded	0.06	0.06	0.06	0.07	0.07	0.09	0.06
Dump Bucket	0.03	0.03	0.04	0.04	0.02	0.04	0.03
Swing Empty	0.05	0.05	0.06	0.07	0.06	0.07	0.07
Total Cycle Time	0.21	0.23	0.25	0.27	0.28	0.3	0.35
Job Efficiency	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Operator Skill	1	1	1	1	1	1	1
Altitude Deration Factor	0.78	0.83	1	1	0.93	1	1
Corrected Productivity (LCY/hr)	113	254	398	369	447	687	935
Exploration Road Cycle Time [1] (min)	N/A	0.38	0.4	N/A	0.42	N/A	N/A
Exploration Road Corr Prod (LCY/hr)	N/A	154	249	N/A	298	N/A	N/A
Track Width (ft)	8.17	9.17	9.83	10.5	11.42	11.5	11.5

Source: Caterpillar Performance Handbook Edition 47

Concrete Breaking Production

Track Excavator w/Hammer Specifications			
Description	**320F**	**349F**	**374F**
Hydraulic Hammer	H120Es	H160Es	H180Es
Material	reinforced concrete		
Min Shift Production (yd3/8hr)	160	300	385
Max Shift Production (yd3/8hr)	300	850	1,705
Avg Shift Production (8hr)	230	575	1,045
Job Efficiency	0.83	0.83	0.83
Altitude Deration Factor	0.83	0.93	1

Source: Caterpillar Performance Handbook Edition 47

Drill Hole Plugging Productivity

Drill Hole Plugging Productivity		
Description	**Drill Rig**	**Pump Rig**
Move-to-hole, set-up, tear-down [1]	2 hrs	2 hrs
Trip in tremmie pipe (1) (ft/hr)	500	
Pulling casing (threaded, not cemented) (1) (ft/hr)	200	
FALSE	Productivity (all passes) (2) (ft/hr)	Passes
4	60	4
6	60	4
8	50	4
12	45	6
18	40	9
24	28	12
Perforation setup,trip in/out,tear-down time	2 hrs	
Perforation tool cost (wear cost)[3]	2.5 hrs	
Inert Material Placement (backfill)		
Grouting/Cement [4] (cy/hr)		5.33
Cuttings (see below) (cy/hr)		3.5

Sources:
1. Drillers daily logs from Newmont, Barrick, New West Gold, Agnico Eagle, Idaho General Mines Inc.
2. Drillers daily logs from Newmont, Barrick, Target Minerals
3. Drillers daily logs from Newmont
4. WDC Exploration, Dec 2005

Sournce: WDC Exploration, Dec 2005

Cuttings Placement Productivity

Shift productivity (Means 02210-700-0120; Crew B11M)	28	(yd3/shift)
Shift length	8	hours
Estimated Hourly Productivity	3.5	(yd3/hr)

Altitude Deration Table

	Elevation											
	0-760 m (0-2500')		760-1500 m (2500-5000')		1500-2300 m (5000-7000')		2300-3000 m (7500-10,000')		3000-3800 m (10,000-12,000')		3800-4600 m (12,500-15,000')	
MODEL	CAT	User	CAT	User	CAT	User	CAT	User	CAT	User	CAT	User
Bulldozers												
D6T	100		100		100		100		100		100	
D6R w/ Winch	100		100		100		100		100		100	
D7E	100		100		100		100		99		95	
D8T	100		100		100		100		100		100	
D9T	100		100		100		100		100		100	
D10T2	100		100		100		100		100		100	
D11T	100		100		100		100		100		86	
Wheeled Dozers												
824K	100		100		100		100		92		84	
834K	100		100		100		100		98		85	
844K	100		100		100		98		93		83	
854K	100		100		100		98		93		79	
Graders												
12M2	100		100		100		100		100		99	
14M	100		100		100		100		100		100	
16M3	100		100		100		100		100		100	
24M	100		100		100		100		91		86	
Excavators												
312F	100		100		100		83		78		73	
320F	100		100		100		87		83		76	
325F	100		100		100		100		100		100	
330F	100		100		100		100		100		100	
349F	100		100		100		100		93		93	
374F	100		100		100		100		100		95.5	
390F	100		100		100		100		100		95.5	
Scrapers												
631K	100		100		100		100		97		90	
637K	100		100		100		98		80		64	
Loaders												
926M	100		100		100		100		92		81	
930M	100		100		100		100		90		77	
950M	100		100		100		100		97		91	
966M	100		100		100		99		91		79	
972M	100		100		100		99		89		79	
980M	100		100		100		100		100		88	
988K	100		100		100		100		98		85	
990K	100		100		100		98		93		83	
992K	100		100		100		98		93		79	
994K	100		100		100		100		99		97	
L2350	100		100		100		100		96		90	
Shovels												
PC2000	100		100		100		100		96		90	
PC3000	100		100		100		100		96		90	
PC4000	100		100		100		100		96		90	
PC5500	100		100		100		100		96		90	
PC8000	100		100		100		100		96		90	
EX2500	100		100		100		100		96		90	
Other Equipment												
H120Es (fits 325)	99		97		95		91		91		91	
H160Es (fits 349)	99		97		95		91		91		91	
H180Es (fits 374/390)	100		100		98		95		91		86	
Demolition Shears	100		100		100		100		91		86	
S3050 (fits 320/325/330)	100		100		98		95		91		100	
S3070 (fits 330/349)	100		100		100		100		91		86	
S3090 (fits 374/390)												
Demolition Grapples												
G315B (fits 320/325)												
G320B (fits 325/330)												
G330 (fits 349/374)												
Other Equipment												
420F2	100		100		100		100		100		100	
430F2	100		100		100		100		100		100	
CS54B												
CS64B												
CP54B												
CP68B												
Light Truck - 1.5 Ton												
Supervisor's Truck												
Flatbed Truck												
Trucks												
725C2	100		100		100		100		100		95	
730C2	100		100		100		100		100		95	
735C	100		100		100		100		99		91	
740C	100		100		100		100		99		91	
770G	100		100		100		99		96.5		89	
773G	100		100		100		100		100		100	
777G	100		100		100		100		100		100	
785D	100		100		100		100		100		98.5	
789D	100		100		100		98.5		93		86	
793F	100		100		100		100		100		100	
797F	100		100		100		100		100		100	
613E (5,000 gal)	100		100		100		100		95		87	
621E (8,000 gal)	100		100		100		100		97		90	
777G H2O Truck	100		100		100		100		93		87	
785D H2O Truck	100		100		100		93		86		80	

Notes:
User entered deration value will override values from CAT Performance Handbook (Ed. 47), except L2350 Loader: data from actual mine performance in Chile.
Komatsu altitude deration assumed from LeTourneau L2350

Fuel Use

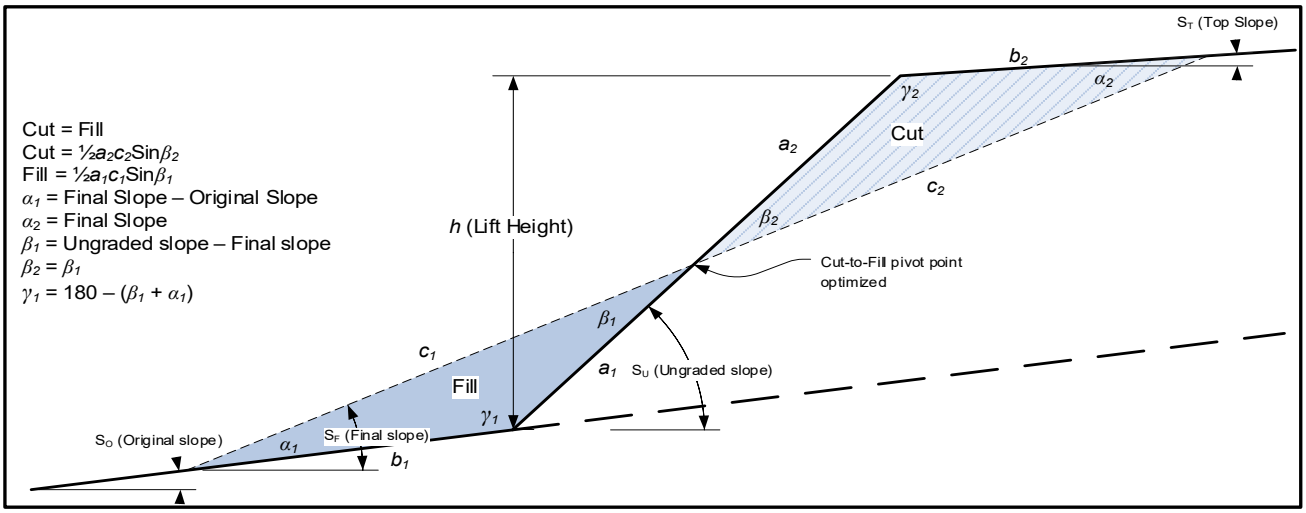
EQUIPMENT TYPE (1)	Fuel Use (1) gal/hr	User Override	Fuel Use (1) gal/hr
Bulldozers			
D6T	6.45		6.45
D6R w/ Winch	6.45		6.45
D7E	5.9		5.90
D8T	10.4		10.40
D9T	13.5		13.50
D10T2	18.7		18.70
D11T	26.2		26.20
Wheeled Dozers			
824K	11.3		11.30
834K	13.25		13.25
844K	15		15.00
854K	19		19.00
Motor Graders			
12M2	3.85		3.85
14M	5.05		5.05
16M3	6.25		6.25
24M	11.75		11.75
Track Excavators			
312F	2.05		2.05
320F	3.6		3.60
325F	3.7		3.70
330F	5.15		5.15
349F	9.75		9.75
374F	10.3		10.30
390F	11.75		11.75
Scrapers			
631K	15.12		15.12
637K	24.345		24.35
Wheeled Loaders			
926M	1.8		1.80
930M	1.9		1.90
950M	3.1		3.10
966M	3.75		3.75
972M	4.15		4.15
980M	5.5		5.50
988K	10.4		10.40
990K	17.6		17.60
992K	23		23.00
994K	41.4		41.40
L2350	66		66.00
Shovels			
PC2000	37		37.00
PC3000	50		50.00
PC4000	70		70.00
PC5500	119		119.00
PC8000	149		149.00
EX2500	51		51.00
Hydraulic Hammers			
H120Es (fits 325)	N/A		
H160Es (fits 349)	N/A		
H180Es (fits 374/390)	N/A		
Demolition Shears			
S3050 (fits 320/325/330)	N/A		
S3070 (fits 330/349)	N/A		
S3090 (fits 374/390)	N/A		
Demolition Grapples			
G315B (fits 320/325)	N/A		
G320B (fits 325/330)	N/A		
G330 (fits 349/374)	N/A		
Other Equipment			
420F2	4.3		4.30
430F2	4.7		4.70
CS54B	3.35		3.35
CS64B	3.35		3.35
CP54B	3.35		3.35
CP68B	3.6		3.60
Light Truck - 1.5 Ton	1.5		1.50
Supervisor's Truck	1		1.00
Flatbed Truck	4.7		4.70
Air Compressor + tools	1		1.00
Welding Equipment	2		2.00
Heavy Duty Drill Rig	12		12.00
Pump (plugging) Drill Rig	10		10.00
Concrete Pump	10		10.00
Gas Engine Vibrator	1		1.00
Generator 5KW	1.5		1.50
HDEP Welder (pipe or liner)	2		2.00
5 Ton Crane	3		3.00
20 Ton Crane	4		4.00
50 Ton Crane	4.7		4.70
120 Ton Crane	5.2		5.20
Trucks			
725C2	5.05		5.05
730C2	5.4		5.40
735C	6.95		6.95
740C	7.8		7.80
770G	4.95		4.95
773G	8.25		8.25
777G	13.55		13.55
785D	25.1		25.10
789D	36.85		36.85
793F	44.75		44.75
797F	67.65		67.65
613E (5,000 gal)	6		6.00
621E (8,000 gal)	10.75		10.75
777G H2O Truck	13.55		13.55
785D H2O Truck	25.1		25.10
Dump Truck (10-12 yd3)	5.2		5.20
Tractor/Trailer (20 ton)	14		14.00
Tractor/Trailer (50 ton)	18		18.00
Tractor/Trailer (80 ton)	22		22.00

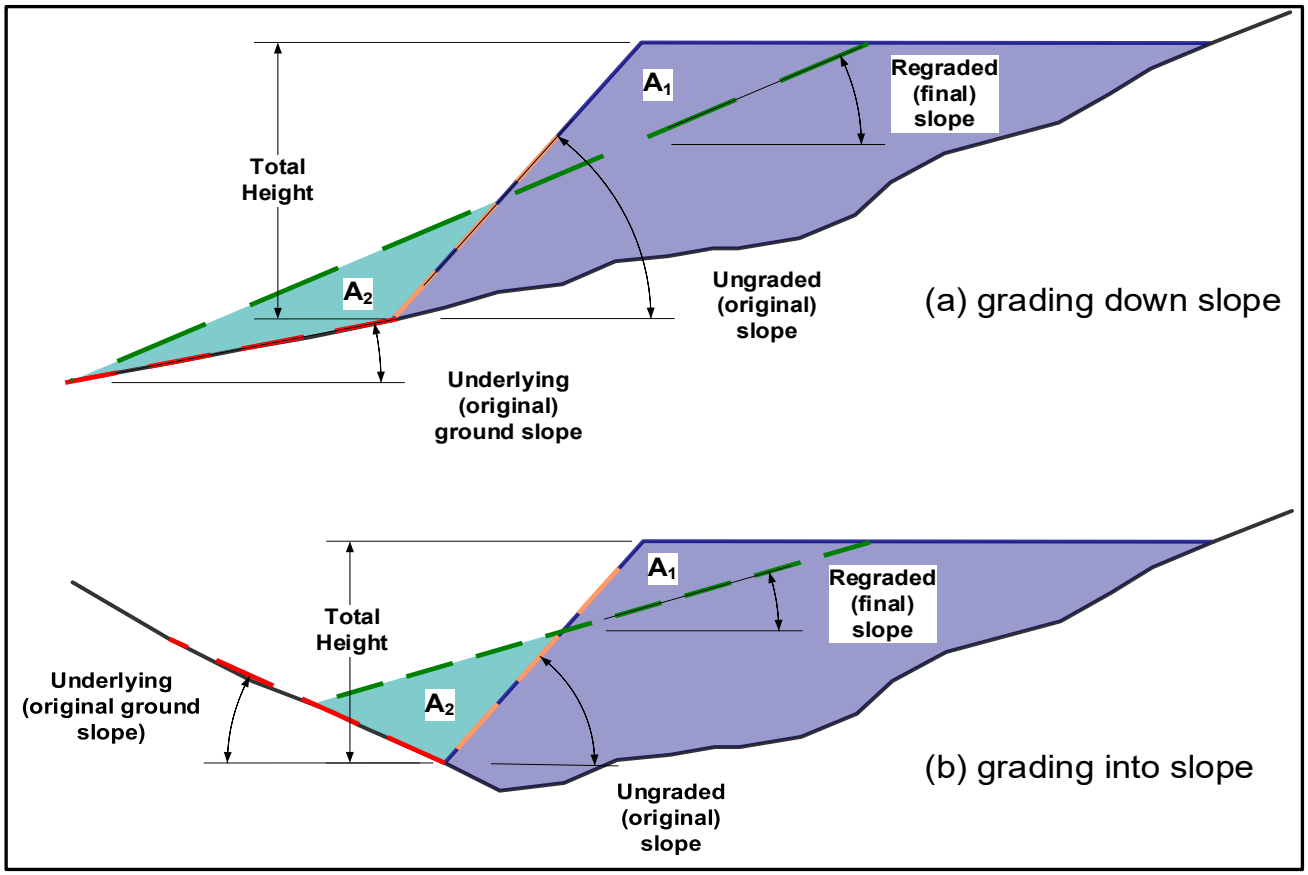
NOTES:
(1) Fuel use Source: Caterpillar Performance Handbook (Ed. 47)
(2) assumes 24 hr tank

FIGURES

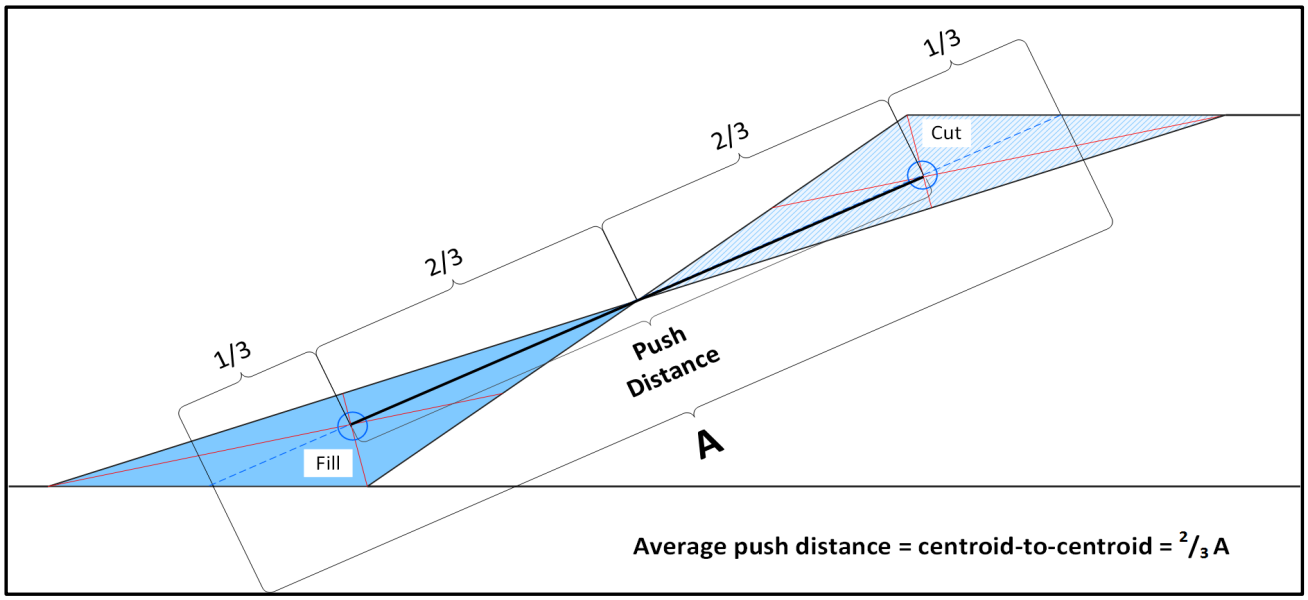
These figures show key inputs to the model and important calculations used by the model

Slope Regrading Volumes

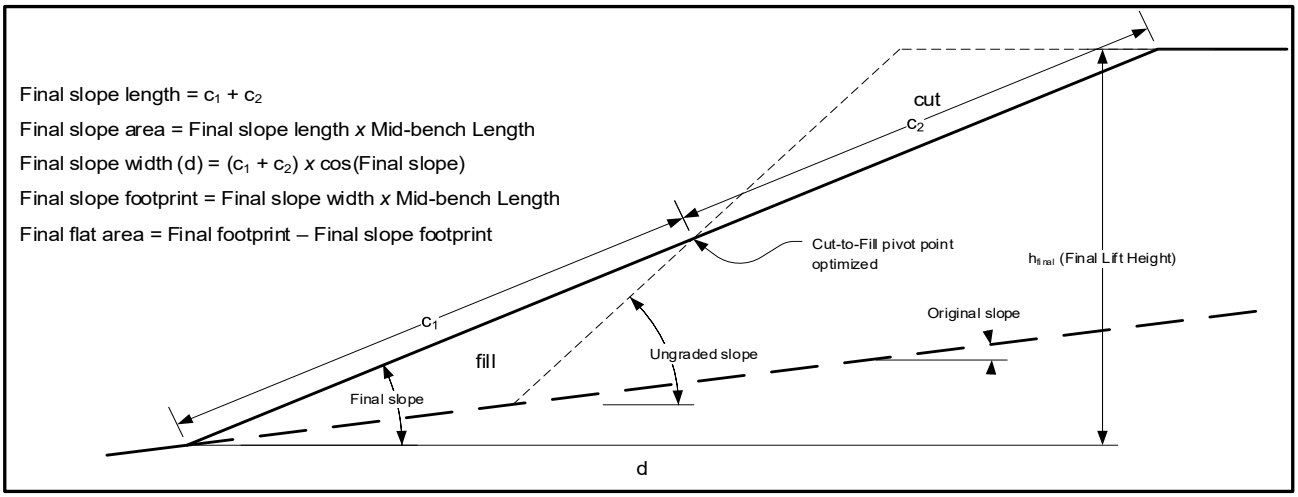




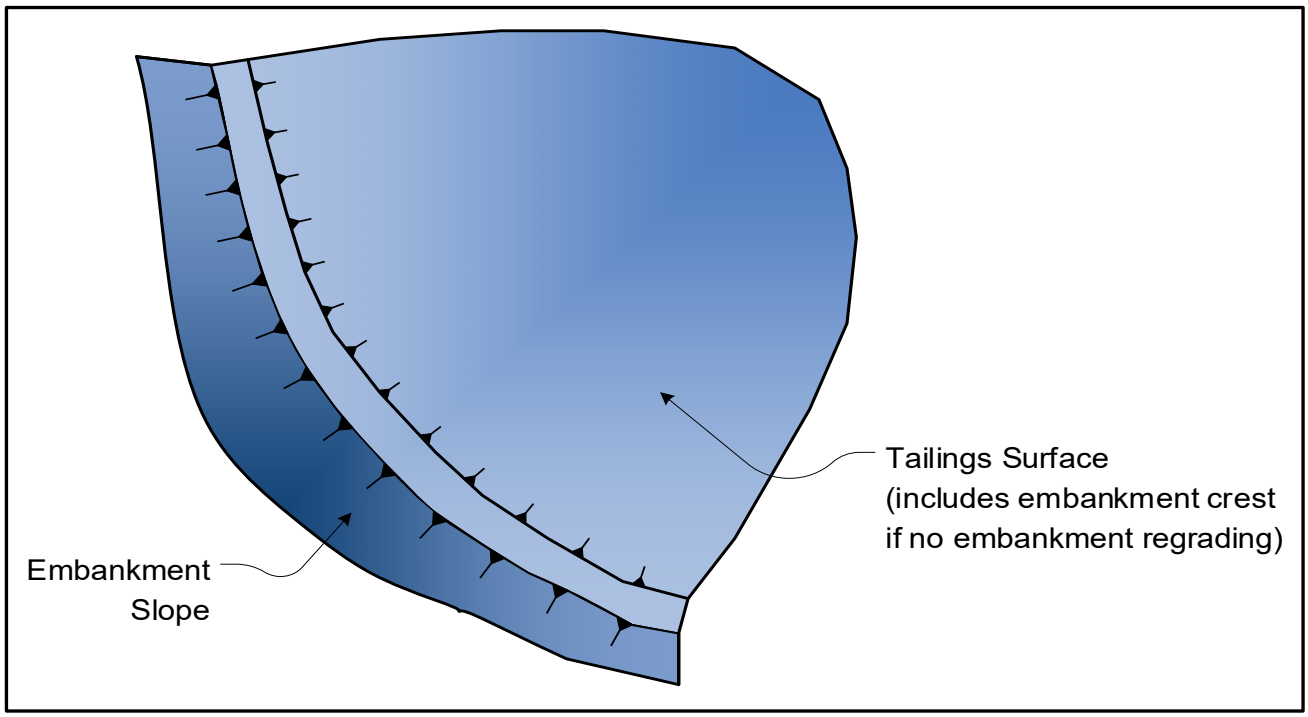
Slope Regrading Push Distance



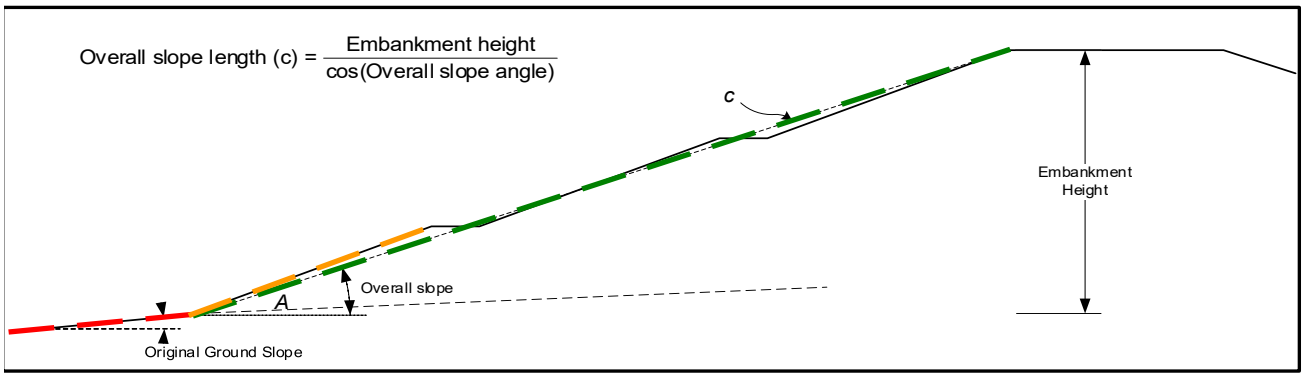
Slope/Flat Area Calculations



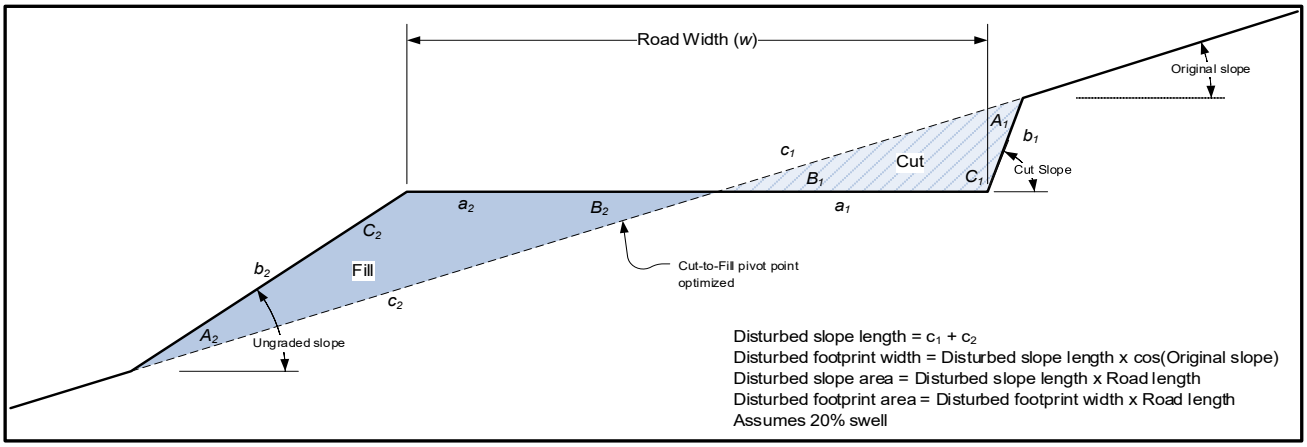
Tailings Impoundments



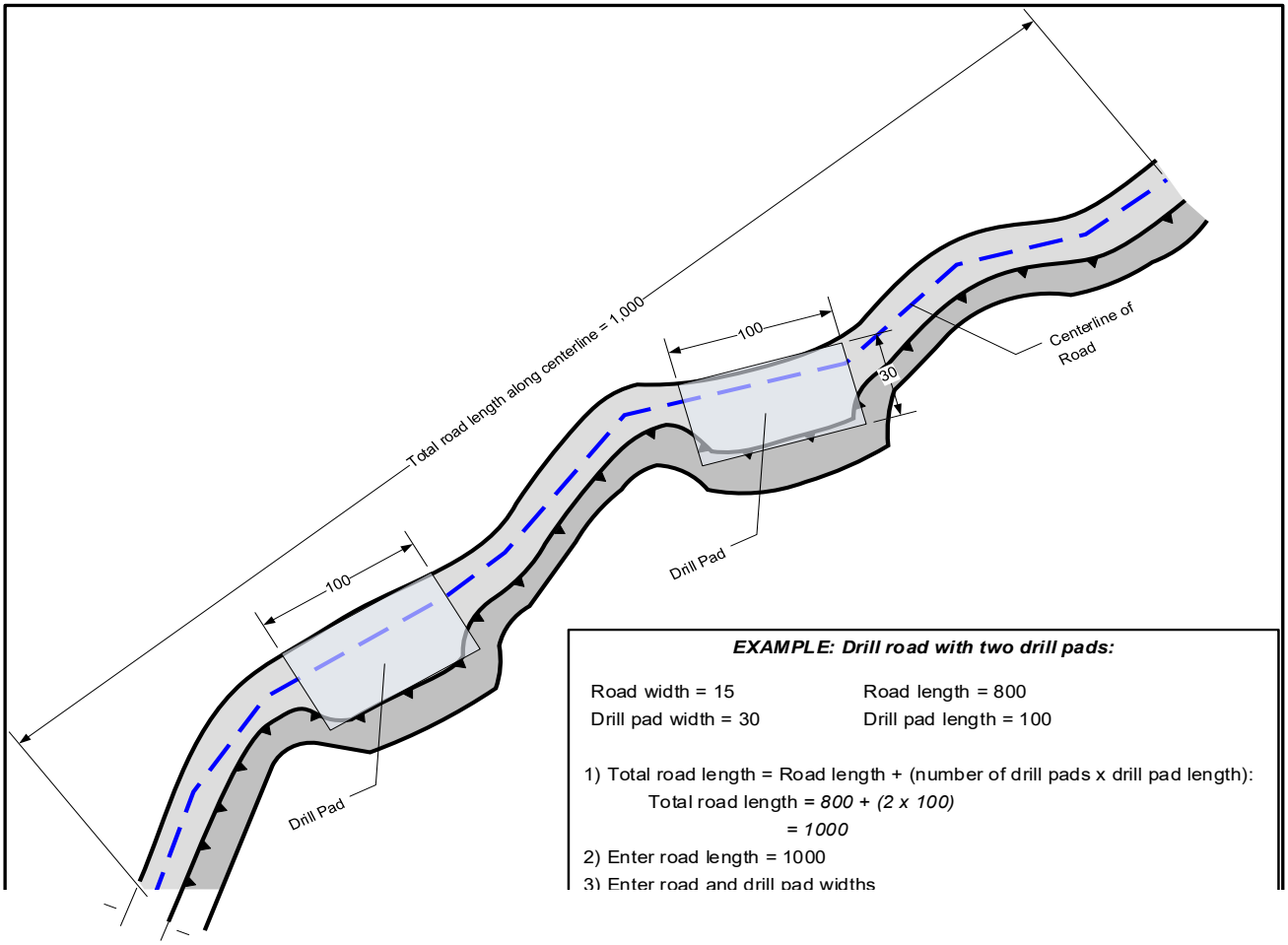
Tailings Embankments

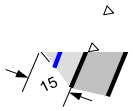


Road Regrading Volume Calculations



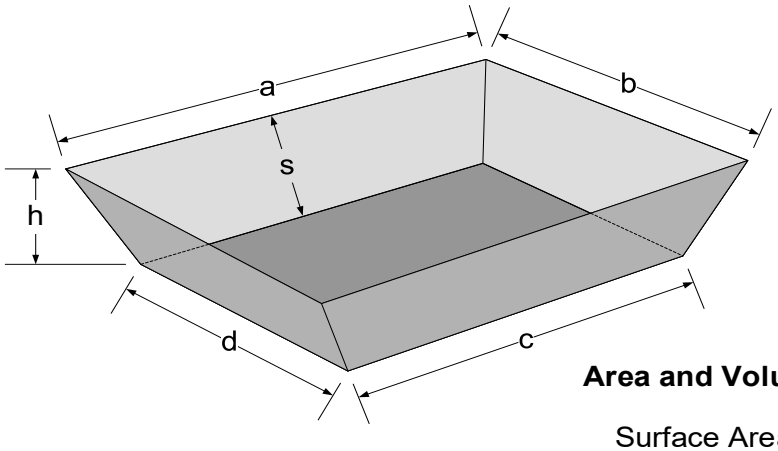
Exploration Road Calculations





4) Enter number of pads = 2
5) Enter length of drill pad = *100*

Pond Volume Calculations



Area and Volume of the Frustrum of a Pyramid

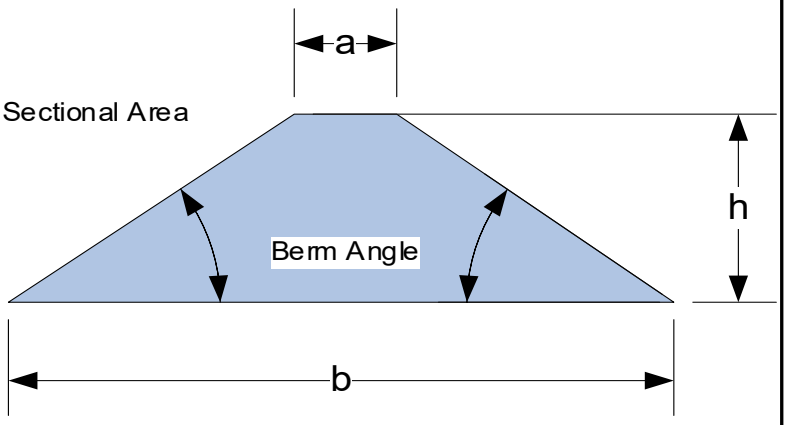
$$\text{Surface Area} = ab + cd + (a+b+c+d) \times \frac{s}{2}$$

$$\text{Volume} = \frac{h\,(ab + cd + \sqrt{abcd}\,)}{3}$$

Berm Volume Calculations

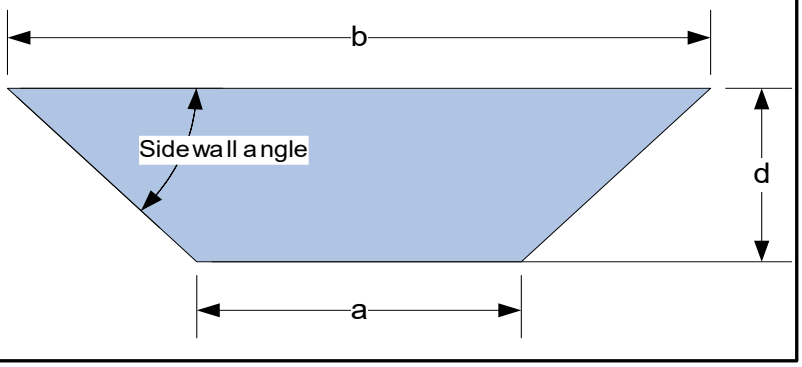
Cross Sectional Area =

Berm Volume = Berm Length x Cross Sectional Area

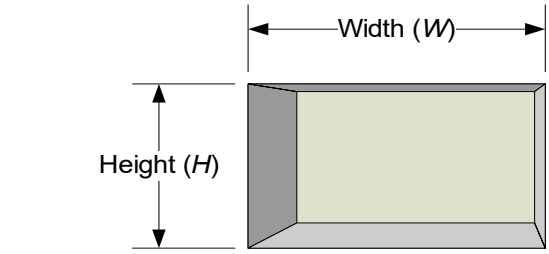


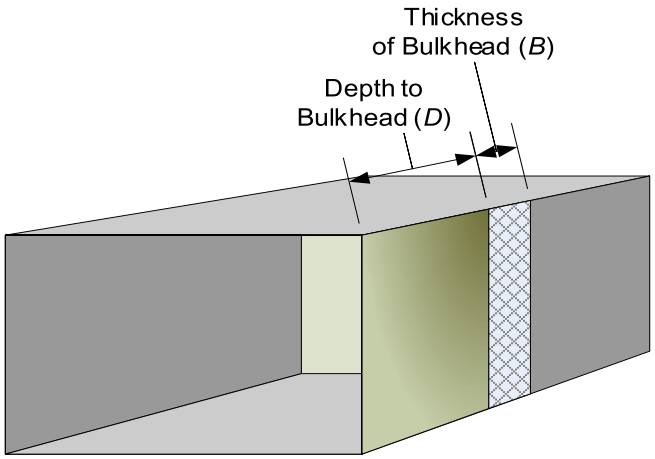
Ditch Volume Calculations

$$\frac{(a+b)}{2} \times d$$



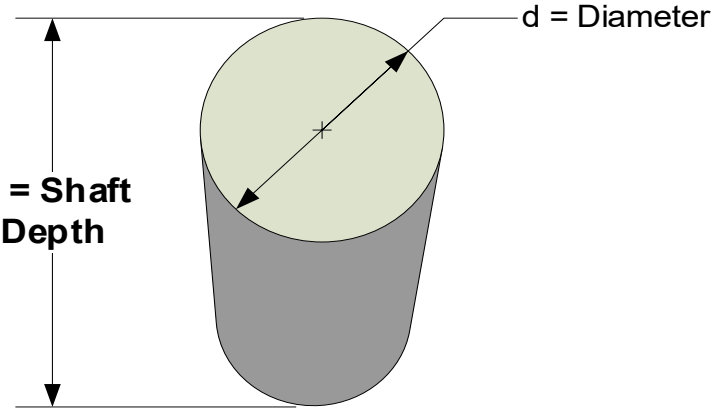
Portal/Adit Measurements





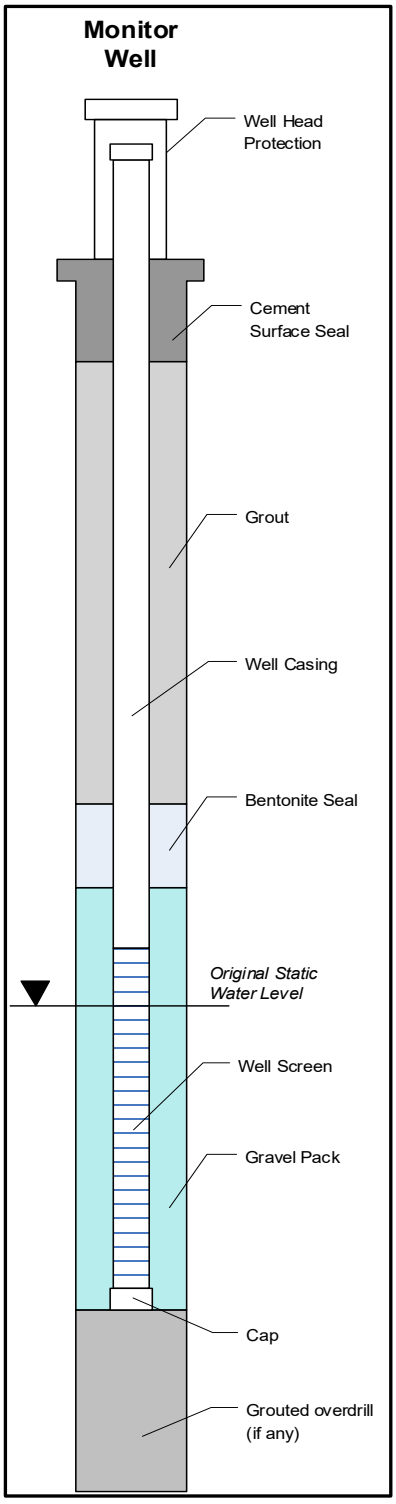
Cross-Sectional Area (A) = *W* x *H*
Volume of Concrete Bulkhead = *A* x *B*
Volume of Backfill = *A* x *D*

Shaft Measurements

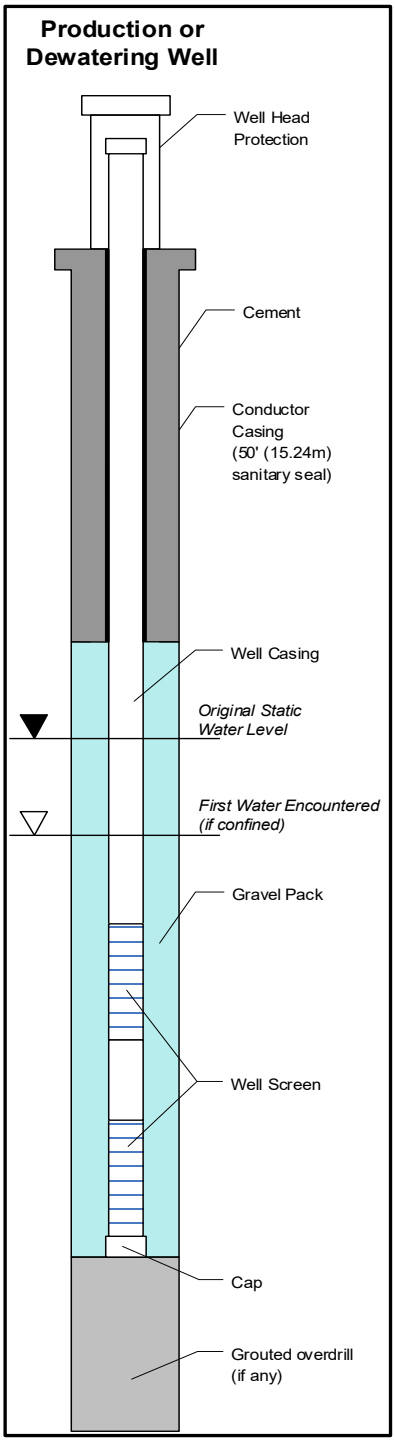


Radius (r) = ½d
Cross-Sectional Area (A) = πr^2
Volume = A x H

Production Well



Monitor Well



STANDARDIZED RECLAMATION COST ESTIMATOR
User Settings
Version 2 - Beta 01

Cost Estimate Type	Alias*
Life-of-Mine	LOM
Financial Assurance	FA
Asset Retirement Obligation	ARO

Note: Aliases **cannot** use any of the following characters: \ / * ? : [ ]

Other Settings	
Road Transport Speed (mph)	80
Site Speed limit (mph) (determines maximum speed for all haul fleets)	35.0
Maximum Loader Haul to Crusher (ft)	200.0

Set Recalculation Options

Several of the actions in the worksheet will recalculate the entire workbook when completed. This can reduce the efficiency of the model. The options below allow the user to determine which of these actions will include a recalculation command at the end of the action.

For example, when adding numerous facilities to different sheets, it is best to turnoff recalculation for the Add Facility action by selecting FALSE below.

These options are only active if MANUAL is selected on the Formulas/Calculation Options menu. If FALSE is selected, then recalculation will not occur and must be requested manually, by entering Ctrl-Shift-W (recalculates current worksheet), Ctrl-Shift-R (recalculates entire model).

Note: Pressing the F9 key or selecting CALCULATE NOW from the Formulas/Calculation Options menu will recalculate all open workbooks.

Action	Recalc?
Add Facility	FALSE
Delete Facility	FALSE
Import User Data	FALSE

Closure Cost Estimate
User 04 Chicago Tunnel

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: Chicago Tunnel

Year		Cost		Comment
BP2020		$	95,022.18	
	2023	$	98,062.89	Escalated 3.%
	2024	$	100,514.46	Escalated 2.5%

Closure Cost Estimate
User 09 Stormwater Construction

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: Stormwater Construction

Stormwater Construction	$	16,274,652.00
Escalated for 2023	$	16,762,891.56
Escalated for 2024	$	17,181,963.85

Closure Cost Estimate
User 10 Rinsing Cost Rate VLF1

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: Rinsing Cost Rate VLF1

Inputs

Item	Unit		Source
VLF	Tons	432,519,716.00	Updated AM14
water	$ Gallon	0.003512375	Escalated 3% for 2023. Escalated 2.5% for 2024
KWH	$	0.1000	2024
Cost of H2O2	$/per gallon	3.651347271	Escalated 2.5% for BP2024
Operator	$/hr.	42.88	
Mechanic	$/hr.	57.27	
Pump maintenance	$/month	15973.1491	Escalated 2.5% for BP2024
Generator maintenance	$/month	840.0338813	Escalated 2.5% for BP2024
drip irrigation supplies	$/month	22400.9035	Escalated 2.5% for BP2024
Support vehicle	$/month	672.027105	Escalated 2.5% for BP2024

Assumptions

Item	Unit		Source
Density	tons/cy	1.485	Process Ops/Steffens
pore volume	%	30	From Process Ops
Barren & Preg Pump Flow Rate	GPM	15000	From Process Ops
Barren & Preg KWH @ 15,000 GPM	KWH /day	123193	From Process Ops Budget option 1B scalled to 15,000gpm
Make up water	GPM	900	from Steffens verfied by Process Ops

Outputs

Item	Unit		
Cubic Yards	yards	291,259,068.01	
Rinse Volume	Yards	87377720	
Rinse Volume	Gallons	1764916361	
One Rinse Cyle Time	Day	817	
One Rinse Cyle Time	30-day Month	27	
All Rinse Time	Day	2451	
All Rinse Time	30-day Month	82	
All Rinse Time	Years	7	
First Rinse	$	$	21,076,759.06
Second Rinse	$	$	21,076,759.06
Third Rinse	$	$	19,240,655.81
All three Rinses	$	$	61,394,173.94
Discount for 1st Opera	$	$	40,317,414.88

Item	Quantity	Unit	Assumptions	Equipment	Labor	Materials	First Rinse Total	Second Rinse Total	Third Rinse Total	
Make up water	900.00	Gallons				$ 3,719,428.52	$ 3,719,428.52	$ 3,719,428.52	$ -	
Barren& Preg Power Cost	123193.00	KWH day				$ 10,065,988.02	$ 10,065,988.02	$ 10,065,988.02	$ 10,065,988.02	
H2O2	362000.00	Gallons				$ 1,321,787.71			$ 1,321,787.71	$ 72,269,788.01
Drip Irrigation supplies	27.24	Month				$ 610,119.15	$ 610,119.15	$ 610,119.15	$ 610,119.15	
Operators	12.00	Per 24 hour	12 hour shift		$ 5,045,307.57		$ 5,045,307.57	$ 5,045,307.57	$ 5,045,307.57	
Mechanics	2.00	Per 24 hour	12 hour shift		$ 1,123,075.11		$ 1,123,075.11	$ 1,123,075.11	$ 1,123,075.11	
H202 Mechanic	1.00	Per 12 hour	12 hour shift		$ 561,537.56				$ 561,537.56	
Pump Maintenance	27.24	Month		$ 435,050.50			$ 435,050.50	$ 435,050.50	$ 435,050.50	
Generator Maintenance	27.24	Month		$ 22,879.47			$ 22,879.47	$ 22,879.47	$ 22,879.47	
Support Vehicle	3.00	Each		$ 54,910.72			$ 54,910.72	$ 54,910.72	$ 54,910.72	

	Second and third Equipment	Labor	Materials	First Rinse Total	Second Rinse Total	Third Rinse Total
	$ 1,025,681.36	$ 12,898,302.92	$ 26,393,430.58	$ 21,076,759.06	$ 21,076,759.06	$ 19,240,655.81
All Rinses	$ 1,538,522.07	$ 19,066,685.60	$ 40,788,966.27	$ 61,394,173.94		

Closure Cost Estimate
User 11 Rinsing Cost Rate VLF2

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: Rinsing Cost Rate VLF2

Inputs

Item	Unit		Source
VLF	Tons	453,000,000	Updated AM14
water	$ Gallon	0.003512375	Escalated 3% for 2023. Escalated 2.5% for 2024
KWH	$	0.1000	2024
Cost of H2O2	$/per gallon	3.651347271	Escalated 2.5% for BP2024
Operator	$/hr.	42.88	
Mechanic	$/hr.	57.27	
Pump maintenance	$/month	15973.1491	Escalated 2.5% for BP2024
Generator maintenance	$/month	840.0338813	Escalated 2.5% for BP2024
drip irrigation supplies	$/month	22400.9035	Escalated 2.5% for BP2024
Support vehicle	$/month	672.027105	Escalated 2.5% for BP2024

Assumptions

Item	Unit		Source
Density	tons/cy	1.485	Process Ops/Steffens
pore volume	%	28	From Process Ops
Barren Pump Flow Rate	GPM	16500	From Process Ops
Barren KWH	KWH /day	67608	From Process Ops Budget
Preg Pump flow Rate	GPM	16500	From Process Ops
Preg Pump KHW	KWH /day	7159	From Process Ops Budget
Make up water	GPM	900	from Steffens verfied by Process Ops

Outputs

Item	Unit	
Cubic Yards	yards	305,050,505.05
Rinse Volume	Yards	85414141
Rinse Volume	Gallons	17252546182
One Rinse Cyle Time	Day	726
One Rinse Cyle Time	30-day Month	24
All Rinse Time	Day	2178
All Rinse Time	30-day Month	73
All Rinse Time	Years	6
First Rinse	$	$ 16,718,440.83
Second Rinse	$	$ 16,718,440.83
Third Rinse	$	$ 15,233,932.30
All three Rinses	$	$ 48,670,813.96
Discount for 1st Operational Rinse	$	$ 31,952,373.13

Item	Quantity	Unit	Assumptions	Equipment	Labor	Materials	First Rinse Total	Second Rinse Total	Third Rinse Total
Make up water	900.00	Gallons				$ 3,305,313.07	$ 3,305,313.07	$ 3,305,313.07	$ -
Barren Power Cost	67608.00	KWH day				$ 4,909,133.60	$ 4,909,133.60	$ 4,909,133.60	$ 4,909,133.60
Preg Power costs	7159.00	KWH day				$ 519,827.35	$ 519,827.35	$ 519,827.35	$ 519,827.35
H2O2	362000.00	Gallons				$ 1,321,787.71	$ -	$ -	$ 1,321,787.71
Drip Irrigation supplies	24.20	Month				$ 542,189.43	$ 542,189.43	$ 542,189.43	$ 542,189.43
Operators	12.00	Per 24 hour	12 hour shift		$ 5,988,201.94		$ 5,988,201.94	$ 5,988,201.94	$ 5,988,201.94
Mechanics	2.00	Per 24 hour	12 hour shift		$ 998,033.66		$ 998,033.66	$ 998,033.66	$ 998,033.66
H202 Mechanic	1.00	Per 12 hour	12 hour shift		$ 499,016.83		$ -	$ -	$ 499,016.83
Pump Maintenance	24.20	Month		$ 386,612.64			$ 386,612.64	$ 386,612.64	$ 386,612.64
Generator Maintenance	24.20	Month		$ 20,332.10			$ 20,332.10	$ 20,332.10	$ 20,332.10
Support Vehicle	3.00	Each		$ 48,797.05			$ 48,797.05	$ 48,797.05	$ 48,797.05

Second and third Equipment	Labor	Materials	First Rinse Total	Second Rinse Total	Third Rinse Total
$ 911,483.59	$ 14,471,488.02	$ 16,569,401.52	$ 16,718,440.83	$ 16,718,440.83	$ 15,233,932.30

	Equipment	Labor	Materials	
All Rinses	$ 1,367,225.39	$ 21,457,723.61	$ 25,845,864.96	$ 48,670,813.96

Closure Cost Estimate
User 15 Tree Thinning

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: Tree Thinning

Source: RS Means 2017

		rent/week
Feller Buncher		2218.32
	# of weeks	2.571429 (assume 3
	cos/hr renta	46.215
	operating c	43.28
Skid Steer		736.66
	cos/hr renta	15.34708
	operating c	17.82

3.1 Tree Thinning Cost Estimate

18 days for thinning (assumed) and 8 hours per day in the field
Total Time needed = 8 x 18 = 144 hours with each machine and an operator

Feller Buncher ($46.22/hr machine rental + $50.77/hr operator + $43.28/hr maintenance and fuel) = $140.27/hr * 144 hrs = $20,198 (Source:RS Means, 2017)

Skid Steer (15.35/hr machine rental + $50.77/hr operator + $17.82/hr maintenance and fuel) = $83.94/hr * 144 hrs = $12,087 (Source:RS Means, 2017)

Truck to Haul Trees = (35 Ton Haul Truck(Cat 735) @ $126.97/hr total rate + 50.77/hr operator)= $177.74/hr * 144 hrs = $25,595 (Source: Equipment Costs and Labor Rates tabs)

Road Building and Maintenance (D7 Dozer @$84.78/hr total rate + $50.77 operator)= $135.55/hr * 70 hours = $9,489 (Source: Equipment Costs and Labor Rates tabs)

Supervisor Costs = $78.92/hr for construction supervision of crew * 140 hrs = $11,049 (Source: Labor Rates tab)

Contractor's Thinning Costs = $20,198+$12,087+$25,595+$9,489+$11,049 = $78,418

Oversight and Direction of Field Activities = assume 10% of Contractor's Costs = $7,842

Contingency (assumed to be 15% of Contractor's Costs) = (0.15 x $78,418) = $11,763

Total Tree Thinning Costs = $78,418 + $7,842 + $11,763 = 98023

Tree Thinning				
		Equipmt	Labor	Material
		$ 20,198.00		
		$ 12,087.00		
		$ 25,595.00		
		$ 9,489.00		
		$ 11,049.00		
Sub-Total		$ 78,418.00	$ 19,605.00	$ -
	2017			
Chk =		$ 98,023.00		

3.2 Harvesting of Salvageable Trees and Hauling to Nursery (Source: Equipment Costs and Labor Rates tabs, except where noted)

Based on Randy Mandel's experience with similar projects:
3000 Trees Total to be harvested (3000 additional trees will be purchased or dug up elsewhere to make the total of 6000 trees needed)
Dig up trees with a mini-excavator (not proposing to use a conventional tree spade)
$5 per tree for containers and supplies like burlap and ties
40 trees can be harvested per day with the mini-excavator and a two man crew
Shipping offsite to a nursery in either Colorado Springs or Canon City for care until needed in reclamation
Mini-excavator (3/4 CY) at $5,616.90/month rental = $5,616.90/ 160 hrs = $35.10/hr +$33.09/hr operating cost = $68.19 total cost (RS Means, 2017)
Operator for excavator @ $50.77/hr
Total cost for mini-ex = $68.19+$50.77= $118.96/hr
3000 trees / 40 trees per day = 75 days x 8 hrs/day = 600 hours
600 hrs x $118.96/ hr = $71,376 for Mini-Ex + operator digging trees
Extra field hand at $50.77/hr for 600 hrs = $30,462 (holding tree & wrapping with burlap)
Flat bedTruck to haul trees at $9.38/hr total cost + $50.77/hr operator = $60.15/hr * 300 hrs= $18,045 (assume truck needed about half-time)
Supervisor cost = $78.92/hr x 600 hrs = $47,352
Supplies @ $5/tree for burlap and plastic containers: 3000 x $5 = $15,000
Contingency figured at 15% of contractor's costs = [$71,376 + $18,045 + $47,352 + $15,000] x 0.15 = $22,766

Harvesting and Hauling Trees			
	Equipmt	Labor	Material
	$ 71,376.00		$ 15,000.00
	$ 18,045.00		
	$ 22,766.00		
Sub-Total	$ 112,187.00	$ 77,814.00	$ 15,000.00
chk =	$ 205,001.00		

Therefore the total harvesting cost would be on the order of: $71,376 digging + $30,462 field hand + $18,045 hauling + $47,352 supervisor + $15,000 supplies + $22,766 contingency =
205001

3.3 Maintenance of Trees at Nursery

Assume trees can be "cared for" at a cost of approximately $10 / yr per tree for a total of 4 yrs (arbitrary), then the cost of maintenance would be 3000 trees x $10 / yr x 4 yrs = $120,000.

Total Maint. $ for Harvested Trees at Commercial Nursery = 120000

Nursery Maintenance			
	Equipmt	Labor	Material
	$ 80,000.00	$ 25,000.00	$ 15,000.00
Sub-Total			
chk=	$ 120,000.00		

3.4 Retrieving Trees from Nursery, Hauling to Site, and Installing Gator Bags (water release), Buying 3000 additional trees from Nursery, Re-planting in Reclaimed Areas (Source: Equipment Costs and Labor Rates tabs, except where noted)

Buying 3000 nursery trees at $27.25/ tree x 3000 trees = $81,750 from Heidrich's Colorado Tree Farm Nursery at wwwcoloradotreefarmnursery.com
Planting rate for trees is 4 trees per hour for salvaged trees and 5 trees per hour for purchased trees.
Therefore, it will take (3000 trees / 4 per hour) + (3000 trees / 5 per hour) = 1350 hours with a 4 man crew and an excavator to dig holes and a truck to haul them to the site.
320C Excavator $59.53/hr total cost + $50.77/hr operator = $110.53/hr
Flat bedTruck to haul trees at $9.38/hr total cost + $50.77/hr operator = $60.15/hr for half the total hours or roughly 700 hours
2 Extra Hands on Ground to Plant and Position Trees @ $50.77/hr
Supervisor @$78.92/hr
20 gallon Gator Bag Cost ($21 each) from Sprinkler Supply Store at www.sprinklersupplystore.com.
Cost Estimate = (3000 new trees x $27.25/tree) + (1350 hrs x $110.53/hr planting) + (700 hrs x $60.15/hr trucking) + (1350 x $101.54 field hands) + (1350 x $78.92 supervisor) + ($21 each gator bags x 6000 trees) + (water truck to charge gator bags at 700 @$50.77/hr) + (cost of water is 0.00287/gal * 1,056,000 gallons) = $681,262
New Trees = $81,750
Planting = $149,216
Trucking = $42,105
Field labor = $137,079
Supervision = $106,542
Gator bags = $126,000
Water Truck = $35,539
Water cost = $3,031
Contingency @15% = ($681,262 x 0.15) = $102,189

Planting on Reclaimed Areas			
	Equipmt	Labor	Material
	$ 149,216.00	$ 137,079.00	$ 81,750.00
	$ 42,105.00	$ 106,542.00	$ 126,000.00
		$ 35,539.00	$ 3,031.00
		$ 102,189.00	
Sub-Total =	$ 191,321.00	$ 381,349.00	$ 210,781.00
chk =	$ 783,451.00		

Total Tree Planting Cost & Purchasing All Supplies & Watering = 783451

4.1 Consultation and Oversight of Tree Planting Effort

Assume a professional will need to be consulted and be in the field a total of 50 days during the required 1350 man-hours for planting to provide guidance and oversight.

Cost of consultation = (50 days x 8 hrs/day x $150/hr labor) +
($250/day x 50 days expenses) = $72,500 72500

Oversight of Planting Effort			
	Equipmt	Labor	Material
	$ -	$ 60,000.00	$ 12,500.00
Sub-Total =	$ -	$ 60,000.00	$ 12,500.00
chk =	$ 72,500.00		

4.2 Re-planting at 10% of 6000 Trees

Using the above cost per tree for planting and watering for 60 trees (10% of 6000 originally planted) =
60 x $129.98 = $7,799 7799

Re-Planting Effort			
	Equipmt	Labor	Material
	$ -	$ 3,032.00	$ 4,767.00
Sub-Total =	$ -	$ 3,032.00	$ 4,767.00
chk =	$ 7,799.00		

4.3 Evaluation of Tree Stands, Meetings with DRMS, and Report Preparation

Assume a professional will need 100 hours of additional work time to prepare reports and meet with DRMS in the field to evaluate and explain the tree planting exercise.
100 hours x $150/hour = $15,000 15000

Evaluation, Meetings, and Reports			
	Equipmt	Labor	Material
	$ -	$ 15,000.00	
Sub-Total =	$ -	$ 15,000.00	$ -
chk =	$ 15,000.00		

	Equipment	Labor	Materials	Total	Chk Total
Grand Total Viewshed Conservation Plan =	**$ 461,926.00**	**$ 581,800.00**	**$ 258,048.00**	$ 1,301,774.00	$ 1,301,774.00
				$ 1,494,461.27	3%for 2023
				$ 1,531,822.80	2.5% for 2024

Closure Cost Estimate
User 16 Tree Cost Calc

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: Tree Cost Calc

								2023	2024
Gooseberry Currant	6.777940848	50	per acre	338.90	359.23	366.42	377.41	388.7302	396.5048	406.4174
Rosa Woodsii (wild rose)	4.105379464	50	per acre	205.27	217.59	221.94	228.59	235.4528	240.1618	246.1659
Englemann Spruce	5.822728795	25	per acre	145.57	154.30	157.39	162.11	166.9733	170.3128	174.5706
Bristlecone Pine	9.237103795	25	per acre	230.93	244.78	249.68	257.17	264.8844	270.182	276.9366
	Cost of Shrub/Tree Planting per acre =			920.66	975.90	995.42	1025.28	1056.04	1077.16	1104.09

Closure Cost Estimate
User 18 perf Liner

Project Name: AM-14 Financial Warranty Update - Reclamation Plan
Date of Submittal: April 2024
File Name: SRCE_2.0_FW_AM14_ April 2024.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: AM-14_Newmont_CCV_FW_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: AM-14 CC&V - US
Sheet Name: perf Liner

- Minimum of five holes are needed to perforate each of the PSSAs liners at the base of all Phases in VLFs.
- Assuming one extra hole for contingency we plan for (six) 1,000 foot holes to be drilled, at a cost of $60/ft = $360,000
- Number of casing lengths needed to complete (six) 1,000 ft holes is 6,000/20 = 300 sticks of casing needed. 300*207 = $62,100
- Adding casing and drilling costs = $422,100
- If we want contingency of 15% total equals = $485,415

	2017	2018	BP2020	BP2021	2023	2024
Cost of drilling VLF liner perforation =	$ 485,415.00	$ 495,123.30	$ 509,977.00	$ 526,296.26	$ 536,822.19	$ 550,242.74
	$ 2,017.00	$ 2,018.00	$ 2,078.54			
Materials =	$ 71,415.00	$ 72,843.30	$ 75,028.60	$ 77,429.51	$ 78,978.10	$ 80,952.56
Labor =	$ 207,000.00	$ 211,140.00	$ 217,474.20	$ 224,433.37	$ 228,922.04	$ 234,645.09
Equipment =	$ 207,000.00	$ 211,140.00	$ 217,474.20	$ 224,433.37	$ 228,922.04	$ 234,645.09
Costs	$ 485,415.00	$ 495,123.30	$ 509,977.00	$ 526,296.26	$ 536,822.19	$ 550,242.74