STATE OF COLORADO

Eschberger - DNR, Amy <amy.eschberger@state.co.us>

Annual Financial Warranty Update

Norma Townley <Norma.Townley2@newmont.com> Wed, Nov 30, 2022 at 3:07 PM
To: Elliott Russell - DNR <elliott.russell@state.co.us>
Cc: "Cunningham - DNR, Michael" <Michaela.Cunningham@state.co.us>, Amy Eschberger - DNR <Amy.Eschberger@state.co.us>, Katie Blake <Katie.Blake@newmont.com>, Johnna Gonzalez <Johnna.Gonzalez@newmont.com>, Norma Townley <Norma.Townley2@newmont.com>

Elliott, attached please find our Annual Financial Warranty Update. If you have any questions or concerns, please reach out to Antonio.Matarrese@Newmont.com or Katie.Blake@Newmont.com. Thank you.

Newmont
CRIPPLE CREEK & VICTOR

Norma Townley

Business Assistant | Newmont | T 719-851-4255

Newmont

Cripple Creek & Victor Gold Mine

PO Box 191

100 N.3rd Street

Victor CO 80860

www.newmont.com

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Newmont
CRIPPLE CREEK & VICTOR

Newmont Mining Corporation
Cripple Creek & Victor Gold Mining Company
100 North 3rd St
P.O. Box 191
Victor, CO 80860
www.newmont.com

SENT VIA ELECTRONIC MAIL

November 30, 2022

Mr. Elliott Russell
Environmental Protection Specialist
Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
Office of Mined Land Reclamation
1313 Sherman Street, Room 215
Denver, Colorado 80203

Re: **Notice of Past Due Annual Financial Warranty Update**
2022 Annual Financial Warranty Update

Dear Mr. Russell:

Newmont Corporation's - Cripple Creek and Victor Gold Mining Company (CC&V) hereby provides the Division of Reclamation, Mining and Safety (DRMS) the Annual Financial Warranty Update as committed to in Second Adequacy Review and Supplemental Second Adequacy Review, Amendment Application (AM-13) Response to Comments.

If you have any questions, please feel free to contact Antonio Matarrese at (719) 851-4185 or Antonio.Matarrese@Newmont.com, or myself at (719) 851-4048 or Katie.Blake@Newmont.com.

Sincerely,

DocuSigned by:
Katie Blake
5A3D013B629844B...

Katie Blake
S&ER Manager
Cripple Creek & Victor Gold Mining Company

EC: E. Russell – DRMS
M. Cunningham – DRMS
A. Eschberger – DRMS
K. Blake – CC&V
J. Gonzalez – CC&V
N. Townley – CC&V

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2022 Financial Warranty

Activity	Inflated or Bottom-up	Unit	Qty	U. Cost $	Liability Percentage	Bond Value
Direct Costs						
1.0) Roads, Railroads, Airstrips						**$2,817,124**
Reclamation Area						**$2,817,124**
			1.00	**$2,817,124**	**100%**	$2,817,124.00
2.0) Drill Sites, Drill Pads, Exploration Trenches						
Reclamation Area						
3.0) Drill Hole Abandonment		**EA**	**71**			**$100,214**
Well Abandonment (unit ea.)	**bottom-up**	**71.00**	71.00	**$1,411.46**	**100%**	$100,214
4.0) Pits, Borrow Areas & Trenches -		**CY**				
		Acre				
4.1) Portals/Adits Underground Mines			**1**			**$98,063**
Chicago Tunnel	**mixed**	**1**	1.00	**$98,063**	**100%**	$98,063
Cresson underground portal backfill	**mixed**		592.00		**100%**	
5.0) Non-Process Ponds & Reservoirs		**CY**	**175,821**			**$543,719**
Reclamation Area		**Acres**	**6**			
EMP ponds (Backfill)	**bottom-up**	**79,719.00**	79,719.00	**$2.52**	**100%**	$200,736
Crusher fuel island fresh water pond (Backfill)	**bottom-up**	**1,257.00**	1,257.00	**$2.68**	**100%**	$3,365
Arequa external ponds (Backfill)	**bottom-up**	**85,438.00**	85,438.00	**$2.52**	**100%**	$215,315
EMP ponds (topsoil)	**bottom-up**	**4,572.00**	4,572.00	**$2.45**	**100%**	$11,214
Crusher fuel island fresh water pond (topsoil)	**bottom-up**	**186.00**	186.00	**$6.03**	**100%**	$1,122
Arequa external ponds (topsoil)	**bottom-up**	**4,637.00**	4,637.00	**$2.42**	**100%**	$11,214
EMP ponds (Seed)	**bottom-up**	**5.70**	5.70	**$1,394.56**	**100%**	$7,949
Crusher fuel island fresh water pond(Seed)	**bottom-up**	**0.20**	0.20	**$2,193.55**	**100%**	$439
Arequa external ponds (Seed)	**bottom-up**	**5.70**	5.70	**$1,394.56**	**100%**	$7,949
EMP ponds (Remove Liner)	**bottom-up**	**1.00**	1.00	**$40,402.00**	**100%**	$40,402
Crusher fuel island fresh water pond (Remove Liner)	**bottom-up**	**1.00**	1.00	**$677.00**	**100%**	$677
Arequa external ponds(Remove Liner)	**bottom-up**	**1.00**	1.00	**$43,337.00**	**100%**	$43,337
6.1) Water Treatment/Management Heap Leach Pads			**1**			**$71,496,725**
Treatment Volume						
VL1 Rinse	**mixed**	**1.00**	1.00	**$52,714,474**	**100.00%**	$52,714,474
VLF2 Rinse	**mixed**	**1.00**	1.00	**$34,051,477**	**53.61%**	$18,255,954
Drilling to perforate liner	**mixed**	**1.00**	1.00	**$526,296**	**100%**	$526,296
7.0) Heap Leach Pad Reclamation		**CY**	**28,104,683**			**$28,385,805**
Reclamation Area		**Acre**	**6,094,846**			
VLFs Tree planting	**mixed**	**115.00**	115.00	**$1,120.04**	**78.26%**	$100,804
Heaps-Earthwork/Recontouring (unit cy)			9,316,085.00	**$0.28**	**78.26%**	$2,033,032
Heaps-Topsoil			973,634.00	**$1.84**	**78.26%**	$1,403,430
Heaps- Generic Hauling			24,883,444.00	**$1.20**	**78.26%**	$23,373,799
Heaps-Revegetation/Stabilization (unit acres)			1,210.28	**$1,556.99**	**78.26%**	$1,474,741
8.0) Waste Rock Dump, Stockpile, Landfill Reclamation		**CY**	**3,453,848**			**$13,342,794**
Reclamation Area		**Acre**	**10,676,534**			
Ironclad Mine Area Regrade	**mixed**	**51,824.00**	51,824.00	**$0.22**	**100%**	$11,351
SGOSA Regrade	**mixed**	**1,967,151.00**	1,967,151.00	**$0.46**	**100%**	$898,776
North Cresson Regrade	**mixed**	**3,402,023.00**	3,402,023.00	**$0.49**		
ECOSA Regrade	**mixed**	**5,891,686.00**	5,891,686.00	**$0.64**	**85.27%**	$3,234,120
Main Cresson Regrade	**mixed**	**2,816,060.00**	2,816,060.00	**$1.32**	**100%**	$3,730,458
Crusher area Regrade	**mixed**	**140,235.00**	140,235.00	**$0.52**	**100%**	$72,975
Ironclad Mine Area Topsoil	**mixed**	**21,062.00**	21,062.00	**$1.88**	**100%**	$39,608
SGOSA Topsoil	**mixed**	**138,924.00**	138,924.00	**$1.48**	**100%**	$205,577
North Cresson Topsoil	**mixed**	**136,239.00**	136,239.00	**$1.71**		
ECOSA Topsoil	**mixed**	**705,801.00**	705,801.00	**$1.73**	**85.27%**	$1,041,587
Main Cresson Topsoil	**mixed**	**306,260.00**	306,260.00	**$1.65**	**100%**	$504,099
Crusher area Topsoil	**mixed**	**46,230.00**	46,230.00	**$1.44**	**100%**	$66,365
Ironclad Mine Area Revegetation	**mixed**	**26.62**	26.62	**$1,607.63**	**100%**	$42,795
SGOSA Revegetation	**mixed**	**173.92**	173.92	**$1,617.63**	**100%**	$281,338
North Cresson Revegetation	**mixed**	**170.19**	170.19	**$1,623.93**		
ECOSA Revegetation	**mixed**	**877.86**	877.86	**$1,624.81**	**85.27%**	$1,216,238
Main Cresson Revegetation	**mixed**	**381.62**	381.62	**$1,632.66**	**100%**	$623,057
Crusher area Revegetation	**mixed**	**58.11**	58.11	**$1,646.91**	**100%**	$95,702
Waste rock dump Trees	**mixed**	**1,418.60**	1,418.60	**$1,120.04**	**80.48%**	$1,278,748

2022 Financial Warranty

9.0) Tailing Storage Facility Reclamation						
Reclamation Area						
10.0) Drainage/Diversion Channels			**1**			**$13,304,828**
Reclamation Area						
Construct Stormwater		**1**	1.00	**$16,762,891.56**	**79.37%**	$13,304,828
11.0) Facilities Demolition			**19,144,533**			**$14,619,952**
Foundations & Building Areas Earthworks/Recountouring	**bottom-up**	**66,867.00**	66,867.00	**$3.82**	**100%**	$255,588
Foundations & Building Areas Revegetation/Stabilization	**bottom-up**	**11.40**	11.40	**$5,838**	**100%**	$66,555
Foundations & Building Demolition (cubic feet)	**bottom-up**	**18,539,282.00**	18,539,282.00	**$0.29**	**100%**	$5,330,921
Yards, etc-Revegetation/Stabilization (acres)- Includes Ancillary Area Enhancement	**bottom-up**	**1,549.80**	1,636.90	**$1,561.21**	**100%**	$2,555,553
Other Demo -Mill Conveyor (feet) and Septic System (each)	**bottom-up**	**1.00**	1.00	**$138,459.04**	**100%**	$138,459
Tank Demolition (number of)	**bottom-up**	**58.00**	58.00	**$7,540.11**	**100%**	$437,326
Fence Removal (feet)	**bottom-up**	**12,285.00**	12,285.00	**$3.64**	**100%**	$44,719
Fence Installation (feet)	**bottom-up**	**39,306.00**	39,306.00	**$48.95**	**100%**	$1,924,029
Pipe Removal (feet)	**bottom-up**	**44,904.00**	44,904.00	**$10.96**	**100%**	$492,148
Powerline and Substation Removal (miles)	**bottom-up**	**9.13**	9.13	**$39,731.00**	**100%**	$362,744
Waste Disposal - Liquid (Gallons)	**bottom-up**	**440,000.00**	440,000.00	**$6.42**	**100%**	$2,824,899
Tire Disposal	**bottom-up**	**50.00**	50.00	**$1,005.07**	**100%**	$50,254
Yard Tree planting	**inflated**	**122.10**	122.10	**$1,120.04**	**100%**	$136,757
12.0) Facilities/Equipment Disposition and/or Salvage						
13.0) Inventory Disposition						
14.0) Post Closure Monitoring						**$2,117,054**
Closure Monitoring	**bottom-up**	**1**	1.00	**$2,667,298**	**79.37%**	$2,117,054
Total Direct Costs						**$146,826,277.53**
Indirect Costs						
15.0) Socio-Economic Costs						
16.0) Consultant Services						**$2,745,583**
Active Reclamation Construction Management		**1.00**	1.00	**$3,459,188.00**	**79.37%**	**$2,745,583**
17.0) Contractor's Overhead & Profit (if not included in direct costs)						**$52,137,765**
total effective rate of DRMS indirect costs 28.5% (Overhead and profit, administrative, insurance, performance bond, Engineering, Contingency)				**$52,137,765.0**	**100.00%**	$52,137,765
18.0) Owners Management (post closure)						**$1,521,565**
Environmental Personnel, Administrative Management and Consumables	**inflated**	**1.00**	1.00	**$1,521,565**	100.00%	$1,521,565
19.0) Mobilization and Demobilization (if not included in direct costs)						**$479,876**
Mob-Demob		**1.0**	1.00	**$479,876.29**	**100.00%**	$479,876
Subtotal-Incremental						**$203,711,066.58**
20.0) Contingency at 5% (calculated in item 17 O&P)						
Total-C&R-Incremental						**$203,711,066.58**

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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	2021	2022	2023	2024	2025	2026	2027	2028	2029
VLF 1	371,890,097	371,890,097	371,890,097	371,890,097	371,890,097	371,890,097	371,890,097	371,890,097	371,890,097	371,890,097
% Complete		100%	100%	100%	100%	100%	100%	100%	100%	100%
VLF 2	328,000,000	124,998,451	148,430,153	175,850,023	198,206,804	223,115,999	244,273,697	266,607,699	286,962,172	291,086,830
% Complete		38%	45%	54%	60%	68%	74%	81%	87%	89%
Both VLF1&2	699,890,097	71%	74%	78%	81%	85%	88%	91%	94%	95%

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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	2021	2022	2023	2024	2025	2026	2027	2028	2029
ECOSA	239,840,000	171,635,936	187,013,958	204,509,442	211,848,067	212,357,978	212,357,978	215,464,696	218,394,698	219,362,505
% Complete		72%	78%	85%	88%	89%	89%	90%	91%	91%
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
% Complete		100%	100%	100%	100%	100%	100%	100%	100%	100%
Schist Backfill	50,036,594				13,755,982	20,811,323	40,144,434	49,736,594	49,736,594	49,736,594
% Complete	.				27%	42%	80%	99%	99%	99%
Blue West Backfill	12,733,589							1,583,317	12,733,589	12,733,589
% Complete								12.43%	100.00%	100.00%
Total Waste Dumps	502,579,919	74%	77%	80%	85%	86%	90%	93%	96%	96%

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STANDARDIZED RECLAMATION COST ESTIMATOR

Version 2.0
Build - Beta 01I

COST DATA FILE INFORMATION			
File Name:	SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm		
Cost Data File:	20221109_Newmont_FW_CCV_CDF.xlsm		
Cost Data Date:	August 4, 2022		
Cost Data Basis:	User Data	Data Cost Units:	Imperial
Author/Source:	2018, 2019, 2020 Nevada Division of Environmental Protection (NDEP) & NV BLM		

PROJECT INFORMATION			
Property/Mine Name:	CC&V	Property Code:	
Project Name:	BP2023 Financial Warranty Update		
Date of Submittal:	November 2022	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:	BP23 - CC&V - US (2022)		
Cost Basis Description:	**BP 23 adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03, Diesel:2.58/gal.**		

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Closure Cost Estimate
Acct Codes

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	2,817,124	2,817,124	2,817,124
2	Drill sites, Drill Pads, Exploration Trenches	2	0	0	0
3	Drill Hole Abandonment	3	100,214	100,214	100,214
4	Open Pits, Borrow Areas, & Trenches	4	0	0	0
5	Portals / Adits Underground Mines	4.1	98,063	98,063	98,063
6	Non-Process Ponds & Reservoirs	5	543,719	543,719	543,719
7	Water Treatment-Leach Pad Drain Down	6.1	87,302,773	87,302,773	87,302,773
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	35,893,194	35,893,194	35,893,194
12	Dumps , Stockpiles, Landfills	8	16,783,978	16,783,978	16,783,978
13	Tail Storage Facility (TSF)	9	0	0	0
14	Drainage / Diversion Channels	10	16,762,892	16,762,892	16,762,892
15	Facilities Demolition	11	14,516,562	14,509,642	14,509,642
16	Facility/Equipment Disposition and/or Salvaging	12	0	0	0
17	Inventory Disposition	13	0	0	0
18	Monitoring	14	2,667,298	2,667,299	2,667,299
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	1,521,565	1,521,565	1,521,565
23	Mobilization and Demobilization	19	479,876	479,876	479,876
		TOTALS	**182,946,446**	**182,939,526**	**182,939,526**

Engineering, Design and Construction Plan	**0**	**0**	**0**
Contingency	**0**	**0**	**0**
Contractor OH and Profit	**52,139,737**	**52,137,765**	**52,137,765**
Contract Administration	**0**	**0**	**0**
TOTAL COST	**235,086,183**	**235,077,291**	**235,077,291**

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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	3,892	-7.7
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	4,897	-6.1
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	4,250	8.7
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	4,897	-6.1
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	4,250	8.7
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										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										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										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										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										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													
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										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													

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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	3,892	-7.7
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			1,238,492													
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	5,001	-3.0
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 - Crusher		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	650	1,500	100	26.78	0										6.0	6.0	1,308	3.7
110	Main Cresson Mine Area - Topsoil - Crusher - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	50				48,892													
111	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	11,669	6.6
112	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													
113	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
114	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													
115	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
116	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													
117	Crusher Mine Area - Pile Leveling - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	2.0	2.5	1.0	100	0			75,737													
118	Crusher Mine Area - Pile Leveling - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	2.0	2.5	1.0	100	0			8,415													
119	Crusher Mine Area - Topsoil		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	35	500	100	43.31	0										6.0	6.0	5,332	4.5
120	Crusher Mine Area - Topsoil - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	35				34,759													
121	Crusher Mine Area - Delivery Road - Mass Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	2.0	2.5	1.0	100	0			8,867													
122	Crusher Mine Area - Delivery Road - Fine Grading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	2.0	2.5	1.0	100	0			985													
123	Crusher Mine Area - Topsoil - Delivery Road		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	35	100	300	10.48	0										6.0	6.0	500	-3.6
124	Crusher Mine Area - Topsoil - Delivery Road - Dozer Spreading		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.4	2.5	1.0	35				8,244													
125	Chicago Mine Area		2009	Dumps , Stockpiles, Landfills			ARO+LOM+FA	0.0	1.0	3.0	1.0	35	0	150		3,228													
126	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

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)

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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																				
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																				

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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 - Crusher**																				
110	**Main Cresson Mine Area - Topsoil - Crusher - Dozer Spreading**																				
111	**Main Cresson Mine Area - Topsoil - Pit Bottom**																				
112	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spreading**																				
113	**Main Cresson Mine Area - Topsoil - South Cresson HR**																				
114	**Main Cresson Mine Area - Topsoil - South Cresson HR - Dozer Spreading**																				
115	**Main Cresson Mine Area - Topsoil - Cresson HR**																				
116	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Spreading**																				
117	**Crusher Mine Area - Pile Leveling - Mass Grading**																				
118	**Crusher Mine Area - Pile Leveling - Fine Grading**																				
119	**Crusher Mine Area - Topsoil**																				
120	**Crusher Mine Area - Topsoil - Dozer Spreading**																				
121	**Crusher Mine Area - Delivery Road - Mass Grading**																				
122	**Crusher Mine Area - Delivery Road - Fine Grading**																				
123	**Crusher Mine Area - Topsoil - Delivery Road**																				
124	**Crusher Mine Area - Topsoil - Delivery Road - Dozer Spreading**																				
125	**Chicago Mine Area**																				
126	**Chicago Mine Area topsoil - 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

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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 Spreading	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 Spreadin	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 Spreadin	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 Spreadin	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 Spreadin	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 S	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 lift - Mass Grading	1	Granite - broken	Large	Yes																					

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

68	East Cresson Mine Area - 40 lift - Fine Grading	1	Granite - broken	Small	No																				
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 Spreadin	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 Spread	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 Spreadin	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 Spr	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 Spreadin	1.2	Topsoil	Small	No																				
109	Main Cresson Mine Area - Topsoil - Crusher													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 - Crusher - Dozer Spread	1.2	Topsoil	Small	No																				
111	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
112	Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spre	1.2	Topsoil	Small	No																				
113	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
114	Main Cresson Mine Area - Topsoil - South Cresson HR - Do	1.2	Topsoil	Small	No																				
115	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
116	Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp	1.2	Topsoil	Small	No																				
117	Crusher Mine Area - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																				
118	Crusher Mine Area - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																				
119	Crusher Mine Area - Topsoil													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
120	Crusher Mine Area - Topsoil - Dozer Spreading	1.2	Topsoil	Small	No																				
121	Crusher Mine Area - Delivery Road - Mass Grading	0.6	Granite - broken	Large	Yes																				
122	Crusher Mine Area - Delivery Road - Fine Grading	0.6	Granite - broken	Small	No																				
123	Crusher Mine Area - Topsoil - Delivery Road													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Med Dozer
124	Crusher Mine Area - Topsoil - Delivery Road - Dozer Sprea	1.2	Topsoil	Small	No																				
125	Chicago Mine Area	1	Granite - broken	Small	No																				
126	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

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

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Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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

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Closure Cost Estimate
Waste Rock Dumps

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Waste Rock Dumps - ARO Cost Summary

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TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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	309	1,774	2,083
2	**Ironclad Mine Area - Pile Leveling - Fine Grading**	659	50	D7E	1017	1.2	0.6	0.82	1.0	370	2	124	211	335
3	**Ironclad Mine Area - 40 ft Lift - Mass Grading**	21,753	91	D10T2	1659	1.6	1.0	0.82	1.2	1626	13	804	4,613	5,417
4	**Ironclad Mine Area - 40 ft Lift - Fine Grading**	2,417	91	D7E	617	1.6	1.0	0.82	1.0	499	5	309	528	837
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	990	1,689	2,679
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**	2,088	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	2	124	710	834
8	**SGOSA Mine Area - Pile Leveling - Fine Grading**	232	50	D7E	1017	1.2	0.6	0.82	1.0	370	1	62	106	168
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**	89,714	147	D10T2	1107	1.6	1.0	0.82	1.2	1085	83	5,134	29,449	34,583
10	**SGOSA Mine Area - 100 ft lift - Fine Grading**	9,968	147	D7E	414	1.6	1.0	0.82	1.0	335	30	1,856	3,167	5,023
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**	249,154	293	D10T2	618	1.6	1.0	0.82	1.2	606	411	25,420	145,827	171,247
12	**SGOSA Mine Area - 150 ft lift - Fine Grading**	27,684	293	D7E	233	1.6	1.0	0.82	1.0	188	147	9,092	15,517	24,609
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**	156,487	367	D10T2	511	1.6	1.0	0.82	1.2	501	312	19,297	110,701	129,998
14	**SGOSA Mine Area - 200 ft lift - Fine Grading**	17,387	367	D7E	193	1.6	1.0	0.82	1.0	156	111	6,865	11,717	18,582
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**	113,624	440	D10T2	439	1.6	1.0	0.82	1.2	430	264	16,328	93,670	109,998
16	**SGOSA Mine Area - 250 ft lift - Fine Grading**	12,625	440	D7E	166	1.6	1.0	0.82	1.0	134	94	5,814	9,923	15,737
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**	265,933	513	D10T2	385	1.6	1.0	0.82	1.2	377	705	43,604	250,141	293,745
18	**SGOSA Mine Area - 300 ft lift - Fine Grading**	29,548	513	D7E	146	1.6	1.0	0.82	1.0	118	250	15,463	26,390	41,853
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	7,669	13,089	20,758
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	1,237	2,111	3,348
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	2,165	3,695	5,860
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	4,082	6,967	11,049
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	4,206	7,178	11,384
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**	27,350	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	23	1,423	8,161	9,584
30	**North Cresson Mine Area - Pile Leveling - Fine Grading**	3,039	50	D7E	1017	1.2	0.6	0.82	1.0	370	8	495	844	1,339
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	148,440	851,544	999,984
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	53,005	90,465	143,470
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	60,613	347,714	408,327
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	21,524	36,735	58,259
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	2,103	3,589	5,692
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 Spreading**	3,759	367	D7E	193	1.6	1.2	1.44	1.0	329	11	680	1,161	1,841
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 Spreading**	13,915	367	D7E	193	1.6	1.2	1.44	1.0	329	42	2,598	4,434	7,032
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 Spreading**	27,467	367	D7E	193	1.6	1.2	1.44	1.0	329	83	5,134	8,761	13,895
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
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	12,536	367	D7E	193	1.6	1.2	1.44	1.0	329	38	2,350	4,011	6,361
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 Spreading**	1,436	367	D7E	193	1.6	1.2	1.44	1.0	329	4	247	422	669
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	0									0	0	0	0
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer S**	32,404	367	D7E	193	1.6	1.2	1.44	1.0	329	98	6,061	10,345	16,406
49	**ECOSA Mine Area - 50 ft lift - Mass Grading**	181,413	73	D10T2	1998	1.6	1.0	0.82	1.2	1958	93	5,752	32,997	38,749
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**	131,268	73	D7E	742	1.6	1.0	0.82	1.0	600	219	13,545	23,118	36,663
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	90,115	516,958	607,073
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**	124,796	220	D7E	296	1.6	1.0	0.82	1.0	239	522	32,286	55,102	87,388
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	7,360	12,562	19,922
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	6,247	10,662	16,909
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	6,618	11,295	17,913
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	5,319	9,078	14,397
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	6,618	11,295	17,913
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	2,598	4,434	7,032
65	**East Cresson Mine Area - Pile Leveling - Mass Grading**	473	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	1	62	355	417
66	**East Cresson Mine Area - Pile Leveling - Fine Grading**	53	50	D7E	1017	1.2	0.6	0.82	1.0	370	1	62	106	168
67	**East Cresson Mine Area - 40 lift - Mass Grading**	12,777	59	D10T2	2391	1.6	1.0	0.82	1.2	2343	5	309	1,774	2,083

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

68	**East Cresson Mine Area - 40 lift - Fine Grading**	1,420	59	D7E	886	1.6	1.0	0.82	1.0	716	2	124	211	335
69	**East Cresson Mine Area - 50 lift - Mass Grading**	763,991	73	D10T2	1998	1.6	1.0	0.82	1.2	1958	390	24,122	138,376	162,498
70	**East Cresson Mine Area - 50 lift - Fine Grading**	84,888	73	D7E	742	1.6	1.0	0.82	1.0	600	141	8,721	14,884	23,605
71	**East Cresson Mine Area - 50 lift - Mass Grading**	672,099	105	D10T2	1470	1.6	1.0	0.82	1.2	1441	466	28,822	165,341	194,163
72	**East Cresson Mine Area - 50 lift - Fine Grading**	74,678	105	D7E	548	1.6	1.0	0.82	1.0	443	169	10,453	17,840	28,293
73	**East Cresson Mine Area - 150 lift - Mass Grading**	231,066	220	D10T2	787	1.6	1.0	0.82	1.2	771	300	18,555	106,443	124,998
74	**East Cresson Mine Area - 150 lift - Fine Grading**	25,674	220	D7E	296	1.6	1.0	0.82	1.0	239	107	6,618	11,295	17,913
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	290,386	1,665,833	1,956,219
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	102,609	175,124	277,733
77	**East Cresson Mine Area - Topsoil - Lift 2**	0									0	0	0	0
78	**East Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**	10,228	220	D7E	296	1.6	1.2	1.44	1.0	504	20	1,237	2,111	3,348
79	**East Cresson Mine Area - Topsoil - Lift 3**	0									0	0	0	0
80	**East Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**	8,575	220	D7E	296	1.6	1.2	1.44	1.0	504	17	1,051	1,795	2,846
81	**East Cresson Mine Area - Topsoil - Lift 4**	0									0	0	0	0
82	**East Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	50,320	220	D7E	296	1.6	1.2	1.44	1.0	504	100	6,185	10,556	16,741
83	**East Cresson Mine Area - Topsoil - Lift 5**	0									0	0	0	0
84	**East Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**	90,226	220	D7E	296	1.6	1.2	1.44	1.0	504	179	11,071	18,895	29,966
85	**East Cresson Mine Area - Topsoil - Lift 6**	0									0	0	0	0
86	**East Cresson Mine Area - Topsoil - Lift 6 - Dozer Spreading**	90,330	220	D7E	296	1.6	1.2	1.44	1.0	504	179	11,071	18,895	29,966
87	**East Cresson Mine Area - Topsoil - WHEX**	0									0	0	0	0
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadin**	161,059	220	D7E	296	1.6	1.2	1.44	1.0	504	320	19,792	33,779	53,571
89	**East Cresson Mine Area - Topsoil - Ironclad**	0									0	0	0	0
90	**East Cresson Mine Area - Topsoil - Ironclad - Dozer Spread**	12,043	220	D7E	296	1.6	1.2	1.44	1.0	504	24	1,484	2,533	4,017
91	**Main Cresson Mine Area - Pile Leveling - Mass Grading**	116,523	50	D10T2	2750	1.2	0.6	0.82	1.2	1213	96	5,938	34,062	40,000
92	**Main Cresson Mine Area - Pile Leveling - Fine Grading**	12,947	50	D7E	1017	1.2	0.6	0.82	1.0	370	35	2,165	3,695	5,860
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	3,278	18,805	22,083
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	1,175	2,006	3,181
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	12,432	71,317	83,749
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	45,893	78,326	124,219
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	50,037	287,041	337,078
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	17,689	30,190	47,879
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	38,161	218,918	257,079
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	13,545	23,118	36,663
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	343,515	1,970,615	2,314,130
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	121,597	207,531	329,128
103	**Main Cresson Mine Area - Topsoil - 10185**	0									0	0	0	0
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadin**	67,115	953	D7E	87	1.6	1.2	1.44	1.0	148	453	28,018	47,819	75,837
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	0									0	0	0	0
106	**Main Cresson Mine Area - Topsoil - Ruby Road - Dozer Spr**	81,481	220	D7E	296	1.6	1.2	1.44	1.0	504	162	10,020	17,101	27,121
107	**Main Cresson Mine Area - Topsoil - AJAX**	0									0	0	0	0
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreadin**	48,892	50	D7E	1017	1.6	1.2	1.44	1.0	1733	28	1,732	2,956	4,688
109	**Main Cresson Mine Area - Topsoil - Crusher**	0									0	0	0	0
110	**Main Cresson Mine Area - Topsoil - Crusher - Dozer Spread**	48,892	73	D7E	742	1.6	1.2	1.44	1.0	1264	39	2,412	4,117	6,529
111	**Main Cresson Mine Area - Topsoil - Pit Bottom**	0									0	0	0	0
112	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spre**	55,725	67	D7E	797	1.2	1.2	1.44	1.0	1018	55	3,402	5,806	9,208
113	**Main Cresson Mine Area - Topsoil - South Cresson HR**	0									0	0	0	0
114	**Main Cresson Mine Area - Topsoil - South Cresson HR - Do**	24,265	66	D7E	807	1.6	1.2	1.44	1.0	1375	18	1,113	1,900	3,013
115	**Main Cresson Mine Area - Topsoil - Cresson HR**	0									0	0	0	0
116	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**	24,265	66	D7E	807	1.6	1.2	1.44	1.0	1375	18	1,113	1,900	3,013
117	**Crusher Mine Area - Pile Leveling - Mass Grading**	75,737	164	D10T2	1009	1.6	0.6	0.82	1.2	593	128	7,917	45,416	53,333
118	**Crusher Mine Area - Pile Leveling - Fine Grading**	8,415	164	D7E	378	1.6	0.6	0.82	1.0	183	46	2,845	4,856	7,701
119	**Crusher Mine Area - Topsoil**	0									0	0	0	0
120	**Crusher Mine Area - Topsoil - Dozer Spreading**	34,759	51	D7E	1000	1.6	1.2	1.44	1.0	1704	20	1,237	2,111	3,348
121	**Crusher Mine Area - Delivery Road - Mass Grading**	8,867	164	D10T2	1009	1.6	0.6	0.82	1.2	593	15	928	5,322	6,250
122	**Crusher Mine Area - Delivery Road - Fine Grading**	985	164	D7E	378	1.6	0.6	0.82	1.0	183	5	309	528	837
123	**Crusher Mine Area - Topsoil - Delivery Road**	0									0	0	0	0
124	**Crusher Mine Area - Topsoil - Delivery Road - Dozer Sprea**	8,244	51	D7E	1000	1.6	1.2	1.44	1.0	1704	5	309	528	837
125	**Chicago Mine Area**	3,228	53	D7E	969	1.6	1.0	0.82	1.0	783	4	247	422	669
126	**Chicago Mine Area topsoil - Dozer Spreading**	0									0	0	0	0
		14,268,979									30,911	**1,911,846**	**8,267,412**	**10,179,258**

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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 Spreadin**	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 Spreadin**	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 Spreadin**	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 Spreadin**	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 S**	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
65	**East Cresson Mine Area - Pile Leveling - Mass Grading**	0	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	0
67	**East Cresson Mine Area - 40 lift - Mass Grading**	0	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	0

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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 Spreadir	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 Spread	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 Spreadir	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 Spr	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 - Crusher	0	0					0					0	0	0	0	0	0	0	0	0	0	0
110	Main Cresson Mine Area - Topsoil - Crusher - Dozer Spread	0	0					0					0	0	0	0	0	0	0	0	0	0	0
111	Main Cresson Mine Area - Topsoil - Pit Bottom	0	0					0					0	0	0	0	0	0	0	0	0	0	0
112	Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spre	0	0					0					0	0	0	0	0	0	0	0	0	0	0
113	Main Cresson Mine Area - Topsoil - South Cresson HR	0	0					0					0	0	0	0	0	0	0	0	0	0	0
114	Main Cresson Mine Area - Topsoil - South Cresson HR - Do	0	0					0					0	0	0	0	0	0	0	0	0	0	0
115	Main Cresson Mine Area - Topsoil - Cresson HR	0	0					0					0	0	0	0	0	0	0	0	0	0	0
116	Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp	0	0					0					0	0	0	0	0	0	0	0	0	0	0
117	Crusher Mine Area - Pile Leveling - Mass Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
118	Crusher Mine Area - Pile Leveling - Fine Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
119	Crusher Mine Area - Topsoil	0	0					0					0	0	0	0	0	0	0	0	0	0	0
120	Crusher Mine Area - Topsoil - Dozer Spreading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
121	Crusher Mine Area - Delivery Road - Mass Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
122	Crusher Mine Area - Delivery Road - Fine Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
123	Crusher Mine Area - Topsoil - Delivery Road	0	0					0					0	0	0	0	0	0	0	0	0	0	0
124	Crusher Mine Area - Topsoil - Delivery Road - Dozer Sprea	0	0					0					0	0	0	0	0	0	0	0	0	0	0
125	Chicago Mine Area	0	0					0					0	0	0	0	0	0	0	0	0	0	0
126	Chicago Mine Area topsoil - 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**

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

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

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TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

5	**Ironclad Mine Area - Topsoil**	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
7	**SGOSA Mine Area - Pile Leveling - Mass Grading**	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
9	**SGOSA Mine Area - 100 ft lift - Mass Grading**	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
11	**SGOSA Mine Area - 150 ft lift - Mass Grading**	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
13	**SGOSA Mine Area - 200 ft lift - Mass Grading**	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
15	**SGOSA Mine Area - 250 ft lift - Mass Grading**	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
17	**SGOSA Mine Area - 300 ft lift - Mass Grading**	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
19	**SGOSA Mine Area - Topsoil - Lift 1**	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
21	**SGOSA Mine Area - Topsoil - Lift 2**	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
23	**SGOSA Mine Area - Topsoil - Lift 3**	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
25	**SGOSA Mine Area - Topsoil - Lift 4**	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
27	**SGOSA Mine Area - Topsoil - Lift 5**	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
29	**North Cresson Mine Area - Pile Leveling - Mass Grading**	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
31	**North Cresson Mine Area - 200 ft lift - Mass Grading**	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
33	**North Cresson Mine Area - 250 ft lift - Mass Grading**	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
35	**North Cresson Mine Area - Topsoil**	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
37	**North Cresson Mine Area - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreading**	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
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**	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
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**	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
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	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
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**	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
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer S**	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
50	**ECOSA Mine Area - 50 ft lift - Fine Grading**	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
52	**ECOSA Mine Area - 150 ft lift - Fine Grading**	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
54	**ECOSA Mine Area - Topsoil - Lift 1 - Dozer Spreading**	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
56	**ECOSA Mine Area - Topsoil - Lift 2 - Dozer Spreading**	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
58	**ECOSA Mine Area - Topsoil - Lift 3 - Dozer Spreading**	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
60	**ECOSA Mine Area - Topsoil - Lift 4 - Dozer Spreading**	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
62	**ECOSA Mine Area - Topsoil - Lift 5 - Dozer Spreading**	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
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

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Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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 Spreadir	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 Spread	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 Spreadin	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 Spr	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 - Crusher	0	0					0					0	0	0	0	0	0	0	0	0	0	0
110	Main Cresson Mine Area - Topsoil - Crusher - Dozer Spread	0	0					0					0	0	0	0	0	0	0	0	0	0	0
111	Main Cresson Mine Area - Topsoil - Pit Bottom	0	0					0					0	0	0	0	0	0	0	0	0	0	0
112	Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spre	0	0					0					0	0	0	0	0	0	0	0	0	0	0
113	Main Cresson Mine Area - Topsoil - South Cresson HR	0	0					0					0	0	0	0	0	0	0	0	0	0	0
114	Main Cresson Mine Area - Topsoil - South Cresson HR - Do	0	0					0					0	0	0	0	0	0	0	0	0	0	0
115	Main Cresson Mine Area - Topsoil - Cresson HR	0	0					0					0	0	0	0	0	0	0	0	0	0	0
116	Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp	0	0					0					0	0	0	0	0	0	0	0	0	0	0
117	Crusher Mine Area - Pile Leveling - Mass Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
118	Crusher Mine Area - Pile Leveling - Fine Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
119	Crusher Mine Area - Topsoil	0	0					0					0	0	0	0	0	0	0	0	0	0	0
120	Crusher Mine Area - Topsoil - Dozer Spreading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
121	Crusher Mine Area - Delivery Road - Mass Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
122	Crusher Mine Area - Delivery Road - Fine Grading	0	0					0					0	0	0	0	0	0	0	0	0	0	0
123	Crusher Mine Area - Topsoil - Delivery Road	0	0					0					0	0	0	0	0	0	0	0	0	0	0
124	Crusher Mine Area - Topsoil - Delivery Road - Dozer Sprea	0	0					0					0	0	0	0	0	0	0	0	0	0	0
125	Chicago Mine Area	0	0					0					0	0	0	0	0	0	0	0	0	0	0
126	Chicago Mine Area topsoil - 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

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

DocuSign Envelope ID: 1660BDF5-E436-469C-A16B-1BAE50F87648

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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	10.49	3	949	22	5,828	33,780	39,608
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	11.21	4	1,182	16	4,986	27,916	32,902
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	9.5	3	1,048	9	2,384	13,819	16,203
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	3,709	21,496	25,205
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	10,037	61,002	71,039
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	8,509	51,719	60,228
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	11,656	67,560	79,216
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	11.21	4	1,182	3	935	5,234	6,169
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreading**						0	0	0	0
39	**North Cresson Mine Area - Topsoil - Lift 2**	13,915	777G/992K/D10T2	9.5	3	1,048	13	3,444	19,961	23,405
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
41	**North Cresson Mine Area - Topsoil - Lift 3**	27,467	777G/992K/D10T2	8.17	3	1,218	23	6,093	35,315	41,408
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
43	**North Cresson Mine Area - Topsoil - Lift 4**	12,536	777G/992K/D10T2	6.58	2	1,008	12	2,618	15,914	18,532
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
45	**North Cresson Mine Area - Topsoil - Lift 5**	1,436	777G/992K/D10T2	5.35	2	1,240	2	436	2,652	3,088
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
47	**North Cresson Mine Area - Topsoil - Globe Hill HR**	32,404	777G/992K/D10T2	10.57	3	941	34	9,007	52,205	61,212
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer S**						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	12,873	78,242	91,115
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	11,126	64,489	75,615
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	14,570	84,450	99,020
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	12,464	69,791	82,255
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	18,274	99,659	117,933
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	7,696	41,105	48,801
64	**ECOSA Mine Area - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0
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

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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	2,182	13,261	15,443
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	1,964	11,935	13,899
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	12,655	76,916	89,571
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	20,662	119,765	140,427
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	24,901	144,332	169,233
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	36,001	218,811	254,812
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadin**						0	0	0	0
89	**East Cresson Mine Area - Topsoil - Ironclad**	12,043	777G/992K/D10T2	10.49	3	949	13	3,444	19,961	23,405
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	13,528	82,220	95,748
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadin**						0	0	0	0
105	**Main Cresson Mine Area - Topsoil - Ruby Road**	59,128	777G/992K/D10T2	9.15	3	1,088	54	14,305	82,914	97,219
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	5,673	34,479	40,152
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreading**						0	0	0	0
109	**Main Cresson Mine Area - Topsoil - Crusher**	48,892	777G/992K/D10T2	5.48	2	1,210	40	8,728	53,045	61,773
110	**Main Cresson Mine Area - Topsoil - Crusher - Dozer Spread**						0	0	0	0
111	**Main Cresson Mine Area - Topsoil - Pit Bottom**	55,725	777G/992K/D10T2	15.57	5	1,067	52	18,633	101,613	120,246
112	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spre**						0	0	0	0
113	**Main Cresson Mine Area - Topsoil - South Cresson HR**	24,265	777G/992K/D10T2	9.1	3	1,093	22	5,828	33,780	39,608
114	**Main Cresson Mine Area - Topsoil - South Cresson HR - Do**						0	0	0	0
115	**Main Cresson Mine Area - Topsoil - Cresson HR**	24,265	777G/992K/D10T2	13.05	4	1,016	24	7,479	41,874	49,353
116	**Main Cresson Mine Area - Topsoil - Cresson HR - Dozer Sp**						0	0	0	0
117	**Crusher Mine Area - Pile Leveling - Mass Grading**						0	0	0	0
118	**Crusher Mine Area - Pile Leveling - Fine Grading**						0	0	0	0
119	**Crusher Mine Area - Topsoil**	34,759	777G/992K/D10T2	8.62	3	1,155	30	7,947	46,064	54,011
120	**Crusher Mine Area - Topsoil - Dozer Spreading**						0	0	0	0
121	**Crusher Mine Area - Delivery Road - Mass Grading**						0	0	0	0
122	**Crusher Mine Area - Delivery Road - Fine Grading**						0	0	0	0
123	**Crusher Mine Area - Topsoil - Delivery Road**	8,244	777G/992K/D10T2	5.04	2	1,316	6	1,309	7,957	9,266
124	**Crusher Mine Area - Topsoil - Delivery Road - Dozer Spread**						0	0	0	0
125	**Chicago Mine Area**						0	0	0	0
126	**Chicago Mine Area topsoil - Dozer Spreading**	3,227	777G/992K/D10T2	5.04	2	1,316	2	436	2,652	3,088
		1,354,516					1,288	**332,320**	**1,937,888**	**2,270,208**

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

Waste Rock Dumps - Scarify/Revegetation 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 Costs: Scarifying/ Ripping Labor Costs $	Scarifying Costs: Scarifying/ Ripping Equipment Cost $	Scarifying Costs: Total Scarifying/ Ripping Costs $	Regegetation Costs: Revegetation Labor Cost $	Regegetation Costs: Revegetation Equipment Cost $	Regegetation Costs: Revegetation Material Cost $	Regegetation Costs: 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	1,237	5,146	6,383	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	1,051	4,374	5,425	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	557	2,316	2,873	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	928	3,860	4,788	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	2,660	11,065	13,725	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	2,783	11,579	14,362	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	2,598	10,807	13,405	8,075	2,941	66,297	77,313
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	247	1,029	1,276	679	247	5,573	6,499
38	**North Cresson Mine Area - Topsoil - Lift 1 -Dozer Spreading**	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	804	3,345	4,149	2,513	915	20,628	24,056
40	**North Cresson Mine Area - Topsoil - Lift 2 - Dozer Spreading**	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	1,546	6,433	7,979	4,960	1,806	40,718	47,484
42	**North Cresson Mine Area - Topsoil - Lift 3 - Dozer Spreading**	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	680	2,831	3,511	2,264	824	18,583	21,671
44	**North Cresson Mine Area - Topsoil - Lift 4 - Dozer Spreading**	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	124	515	639	260	94	2,129	2,483
46	**North Cresson Mine Area - Topsoil - Lift 5 - Dozer Spreading**	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	1,917	7,977	9,894	5,851	2,131	48,036	56,018
48	**North Cresson Mine Area - Topsoil - Globe Hill HR - Dozer S**	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	3,278	13,638	16,916	10,787	3,928	88,552	103,267
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	2,783	11,579	14,362	9,214	3,356	75,649	88,219
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	2,969	12,351	15,320	9,763	3,556	80,156	93,475
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	2,412	10,035	12,447	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	2,969	12,351	15,320	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	1,175	4,889	6,064	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
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

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Closure Cost Estimate
Waste Rock Dumps

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Waste Rock Dumps - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Grading Costs	1,911,846	8,267,412	N/A	10,179,258
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	332,320	1,937,888	N/A	2,270,208
Ripping/Scarifying Cost	78,240	325,508	N/A	403,748
Subtotal Earthworks	**2,322,406**	**10,530,808**		**12,853,214**
Revegetation Cost	244,611	89,085	0	333,696
TOTALS	**2,567,017**	**10,619,893**	**0**	**13,186,910**

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	619	2,573	3,192	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	495	2,059	2,554	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	2,783	11,579	14,362	9,087	3,309	74,596	86,992
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	5,010	20,843	25,853	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	5,257	21,872	27,129	16,311	5,941	133,910	156,162
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	9,463	39,370	48,833	29,083	10,592	238,760	278,435
88	**East Cresson Mine Area - Topsoil - WHEX - Dozer Spreadin**	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	742	3,088	3,830	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	3,897	16,211	20,108	12,119	4,414	99,493	116,026
104	**Main Cresson Mine Area - Topsoil - 10185 - Dozer Spreadin**	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	3,402	14,153	17,555	10,677	3,889	87,656	102,222
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	1,794	7,462	9,256	4,851	1,768	39,833	46,452
108	**Main Cresson Mine Area - Topsoil - AJAX - Dozer Spreadin**	0.10	0.00	0.10	67			0	0	0	0	0	0	0	0	0
109	**Main Cresson Mine Area - Topsoil - Crusher**	60.61	0.00	60.61	1,760	100	D9T	44	0	2,721	11,322	14,043	8,828	3,215	72,479	84,522
110	**Main Cresson Mine Area - Topsoil - Crusher - Dozer Spread**	0.10	0.00	0.10	135			0	0	0	0	0	0	0	0	0
111	**Main Cresson Mine Area - Topsoil - Pit Bottom**	0.10	69.00	69.10	1,760	300	D9T	1	53	3,340	13,895	17,235	10,066	3,665	82,633	96,364
112	**Main Cresson Mine Area - Topsoil - Pit Bottom - Dozer Spre**	0.10	0.00	0.10	100			0	0	0	0	0	0	0	0	0
113	**Main Cresson Mine Area - Topsoil - South Cresson HR**	0.10	30.00	30.10	1,760	300	D9T	1	23	1,484	6,176	7,660	4,385	1,597	35,995	41,977
114	**Main Cresson Mine Area - Topsoil - South Cresson HR - Do**	0.10	0.00	0.10	112			0	0	0	0	0	0	0	0	0
115	**Main Cresson Mine Area - Topsoil - Cresson HR**	0.10	30.00	30.10	1,760	300	D9T	1	23	1,484	6,176	7,660	4,385	1,597	35,995	41,977
116	**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
117	**Crusher Mine Area - Pile Leveling - Mass Grading**	0.10	0.00	0.10	270			0	0	0	0	0	0	0	0	0
118	**Crusher Mine Area - Pile Leveling - Fine Grading**	0.10	0.00	0.10	270			0	0	0	0	0	0	0	0	0
119	**Crusher Mine Area - Topsoil**	1.09	42.00	43.09	95	100	D9T	1	37	2,350	9,778	12,128	6,277	2,286	51,528	60,091
120	**Crusher Mine Area - Topsoil - Dozer Spreading**	0.10	0.00	0.10	95			0	0	0	0	0	0	0	0	0
121	**Crusher Mine Area - Delivery Road - Mass Grading**	0.10	0.00	0.10	270			0	0	0	0	0	0	0	0	0
122	**Crusher Mine Area - Delivery Road - Fine Grading**	0.10	0.00	0.10	270			0	0	0	0	0	0	0	0	0
123	**Crusher Mine Area - Topsoil - Delivery Road**	0.22	10.00	10.22	95	300	D9T	0	8	495	2,059	2,554	1,489	543	12,221	14,253
124	**Crusher Mine Area - Topsoil - Delivery Road - Dozer Sprea**	0.10	0.00	0.10	95			0	0	0	0	0	0	0	0	0
125	**Chicago Mine Area**	0.10	0.00	0.10	112			0	0	0	0	0	0	0	0	0
126	**Chicago Mine Area topsoil - Dozer Spreading**	0.10	4.00	4.10		150	D9T	0	3	186	772	958	598	217	4,903	5,718
		762.32	926.00	1,688.32				548	717	**78,240**	**325,508**	**403,748**	**244,611**	**89,085**	**2,008,177**	**2,341,873**

Notes:

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	10.0	10.0	1.0	5				31,765												
2	AGVLF - Pile Leveling - Fine Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	10.0	10.0	1.0	5				3,529												
3	AGVLF - 20 ft face - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				884,102												
4	AGVLF - 20 ft face - Fine Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				98,234												
5	AGVLF - 100 ft face - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				1,244,120												
6	AGVLF - 100 ft face - Fine Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	100				138,236												
7	AGVLF - 200 ft face - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	200				267,530												
8	AGVLF - 200 ft face - Fine Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	200				29,726												
9	AGVLF - Topsoil		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	175	200	350	32.77	0									6.0	6.0	2,000	-0.6
10	AGVLF - Topsoil - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	1.0	175				26,557												
11	AGVLF - Topsoil - Lift 1		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	150	3104	175	19.57	0									6.0	6.0	3,087	3.9
12	AGVLF - Topsoil - Lift 1 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	150				23,223												
13	AGVLF - Topsoil - Lift 2		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	141	4295	355	33.82	0									6.0	6.0	3,196	-0.7
14	AGVLF - Topsoil - Lift 2 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	141				30,224												
15	AGVLF - Topsoil - Lift 3		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118	5370	355	46.87	0									6.0	6.0	4,268	-3.3
16	AGVLF - Topsoil - Lift 3 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118				40,095												
17	AGVLF - Topsoil - Lift 4		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	207	5769	415	52.92	0									6.0	6.0	6,312	-5.5
18	AGVLF - Topsoil - Lift 4 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	207				59,506												
19	AGVLF - Topsoil - Lift 5		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	113	7392	465	71.41	0									6.0	6.0	7,462	-6.2
20	AGVLF - Topsoil - Lift 5 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	113				60,616												
21	AGVLF - Topsoil - Lift 6		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	133	7598	685	91.43	0									6.0	6.0	8,747	-6.8
22	AGVLF - Topsoil - Lift 6 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	133				77,411												
23	AGVLF - Topsoil - Lift 7		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118	1500	700	129.07	0									6.0	6.0	10,490	-6.8
24	AGVLF - Topsoil - Lift 7 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	118				104,752												
25	AGVLF - Topsoil - Lift 8		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	200	5999	415	47.28	0									6.0	6.0	2,805	-9.1
26	AGVLF - Topsoil - Lift 8 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	200				59,879												
27	AGVLF - Topsoil - Lift 9		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	106	4569	415	49.64	0									6.0	6.0	1,859	-8.0
28	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												
29	SGVLF - 100 ft face - Mass Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				1,797,311												
30	SGVLF - 100 ft face - Fine Grading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				199,701												
31	SGVLF - Topsoil - Lift 1		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	1333	245	16.10										6.0	6.0	6,269	7.1
32	SGVLF - Topsoil - Lift 1 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				13,456												
33	SGVLF - Topsoil - Lift 2		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	2122	245	14.80										6.0	6.0	4,774	5.4
34	SGVLF - Topsoil - Lift 2 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				12,686												
35	SGVLF - Topsoil - Lift 3		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	3018	245	19.50										6.0	6.0	3,710	3.9
36	SGVLF - Topsoil - Lift 3 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				16,792												
37	SGVLF - Topsoil - Lift 4		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	3495	245	30.40										6.0	6.0	3,178	1.9
38	SGVLF - Topsoil - Lift 4 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				25,752												
39	SGVLF - Topsoil - Lift 5		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	7354	245	47.90										6.0	6.0	2,868	-2.0
40	SGVLF - Topsoil - Lift 5 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				41,227												
41	SGVLF - Topsoil - Lift 6		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	9098	245	83.80										6.0	6.0	3,821	-4.2
42	SGVLF - Topsoil - Lift 6 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				70,800												
43	SGVLF - Topsoil - Lift 7		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	10110	245	63.80										6.0	6.0	2,908	-8.9
44	SGVLF - Topsoil - Lift 7 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				55,023												
45	SGVLF - Topsoil - Lift 8		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	9370	245	55.70										6.0	6.0	4,903	-7.3
46	SGVLF - Topsoil - Lift 8 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				48,228												
47	SGVLF - Topsoil - Lift 9		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	8446	245	49.99										6.0	6.0	5,285	-8.7
48	SGVLF - Topsoil - Lift 9 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				43,297												
49	SGVLF - Topsoil - Lift 10		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	7206	245	44.70										6.0	6.0	7,928	-7.1
50	SGVLF - Topsoil - Lift 10 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				38,594												
51	SGVLF - Topsoil - Lift 11		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	6573	245	44.90										6.0	6.0	7,725	-8.5
52	SGVLF - Topsoil - Lift 11 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				38,532												
53	SGVLF - Topsoil - Lift 12		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	2012	245	33.10										6.0	6.0	8,359	-9.1
54	SGVLF - Topsoil - Lift 12 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				27,409												
55	SGVLF - Topsoil - Lift 13		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100	1500	245	21.49										6.0	6.0	9,638	-8.4
56	SGVLF - Topsoil - Lift 13 - Dozer Spreading		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	0.0	1.4	2.5	0.0	100				17,859												

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)

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading																				
2	AGVLF - Pile Leveling - Fine Grading																				
3	AGVLF - 20 ft face - Mass Grading																				
4	AGVLF - 20 ft face - Fine Grading																				
5	AGVLF - 100 ft face - Mass Grading																				
6	AGVLF - 100 ft face - Fine Grading																				
7	AGVLF - 200 ft face - Mass Grading																				
8	AGVLF - 200 ft face - Fine Grading																				
9	AGVLF - Topsoil																				
10	AGVLF - Topsoil - Dozer Spreading																				
11	AGVLF - Topsoil - Lift 1																				
12	AGVLF - Topsoil - Lift 1 - Dozer Spreading																				
13	AGVLF - Topsoil - Lift 2																				
14	AGVLF - Topsoil - Lift 2 - Dozer Spreading																				
15	AGVLF - Topsoil - Lift 3																				
16	AGVLF - Topsoil - Lift 3 - Dozer Spreading																				
17	AGVLF - Topsoil - Lift 4																				
18	AGVLF - Topsoil - Lift 4 - Dozer Spreading																				
19	AGVLF - Topsoil - Lift 5																				
20	AGVLF - Topsoil - Lift 5 - Dozer Spreading																				
21	AGVLF - Topsoil - Lift 6																				
22	AGVLF - Topsoil - Lift 6 - Dozer Spreading																				
23	AGVLF - Topsoil - Lift 7																				
24	AGVLF - Topsoil - Lift 7 - Dozer Spreading																				
25	AGVLF - Topsoil - Lift 8																				
26	AGVLF - Topsoil - Lift 8 - Dozer Spreading																				
27	AGVLF - Topsoil - Lift 9																				
28	AGVLF - Topsoil - Lift 9 - Dozer Spreading																				
29	SGVLF - 100 ft face - Mass Grading																				
30	SGVLF - 100 ft face - Fine Grading																				
31	SGVLF - Topsoil - Lift 1																				
32	SGVLF - Topsoil - Lift 1 - Dozer Spreading																				
33	SGVLF - Topsoil - Lift 2																				
34	SGVLF - Topsoil - Lift 2 - Dozer Spreading																				
35	SGVLF - Topsoil - Lift 3																				
36	SGVLF - Topsoil - Lift 3 - Dozer Spreading																				
37	SGVLF - Topsoil - Lift 4																				
38	SGVLF - Topsoil - Lift 4 - Dozer Spreading																				
39	SGVLF - Topsoil - Lift 5																				
40	SGVLF - Topsoil - Lift 5 - Dozer Spreading																				
41	SGVLF - Topsoil - Lift 6																				
42	SGVLF - Topsoil - Lift 6 - Dozer Spreading																				
43	SGVLF - Topsoil - Lift 7																				
44	SGVLF - Topsoil - Lift 7 - Dozer Spreading																				
45	SGVLF - Topsoil - Lift 8																				
46	SGVLF - Topsoil - Lift 8 - Dozer Spreading																				
47	SGVLF - Topsoil - Lift 9																				
48	SGVLF - Topsoil - Lift 9 - Dozer Spreading																				
49	SGVLF - Topsoil - Lift 10																				
50	SGVLF - Topsoil - Lift 10 - Dozer Spreading																				
51	SGVLF - Topsoil - Lift 11																				
52	SGVLF - Topsoil - Lift 11 - Dozer Spreading																				
53	SGVLF - Topsoil - Lift 12																				
54	SGVLF - Topsoil - Lift 12 - Dozer Spreading																				
55	SGVLF - Topsoil - Lift 13																				
56	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

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading	0.6	Granite - broken	Large	Yes																					
2	AGVLF - Pile Leveling - Fine Grading	0.6	Granite - broken	Small	No																					
3	AGVLF - 20 ft face - Mass Grading	1	Granite - broken	Large	Yes																					
4	AGVLF - 20 ft face - Fine Grading	1	Granite - broken	Small	No																					
5	AGVLF - 100 ft face - Mass Grading	1	Granite - broken	Large	Yes																					
6	AGVLF - 100 ft face - Fine Grading	1	Granite - broken	Small	No																					
7	AGVLF - 200 ft face - Mass Grading	1	Granite - broken	Large	Yes																					
8	AGVLF - 200 ft face - Fine Grading	1	Granite - broken	Small	No																					
9	AGVLF - Topsoil													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
10	AGVLF - Topsoil - Dozer Spreading	1.2	Topsoil	Small	No																					
11	AGVLF - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
12	AGVLF - Topsoil - Lift 1 - Dozer Spreading	1.2	Topsoil	Small	No																					
13	AGVLF - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
14	AGVLF - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
15	AGVLF - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
16	AGVLF - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
17	AGVLF - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
18	AGVLF - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
19	AGVLF - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
20	AGVLF - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
21	AGVLF - Topsoil - Lift 6													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
22	AGVLF - Topsoil - Lift 6 - Dozer Spreading	1.2	Topsoil	Small	No																					
23	AGVLF - Topsoil - Lift 7													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
24	AGVLF - Topsoil - Lift 7 - Dozer Spreading	1.2	Topsoil	Small	No																					
25	AGVLF - Topsoil - Lift 8													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
26	AGVLF - Topsoil - Lift 8 - Dozer Spreading	1.2	Topsoil	Small	No																					
27	AGVLF - Topsoil - Lift 9													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
28	AGVLF - Topsoil - Lift 9 - Dozer Spreading	1.2	Topsoil	Small	No																					
29	SGVLF - 100 ft face - Mass Grading	1	Granite - broken	Large	Yes																					
30	SGVLF - 100 ft face - Fine Grading	1	Granite - broken	Small	No																					
31	SGVLF - Topsoil - Lift 1													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
32	SGVLF - Topsoil - Lift 1 - Dozer Spreading	1.2	Topsoil	Small	No																					
33	SGVLF - Topsoil - Lift 2													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
34	SGVLF - Topsoil - Lift 2 - Dozer Spreading	1.2	Topsoil	Small	No																					
35	SGVLF - Topsoil - Lift 3													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
36	SGVLF - Topsoil - Lift 3 - Dozer Spreading	1.2	Topsoil	Small	No																					
37	SGVLF - Topsoil - Lift 4													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
38	SGVLF - Topsoil - Lift 4 - Dozer Spreading	1.2	Topsoil	Small	No																					
39	SGVLF - Topsoil - Lift 5													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
40	SGVLF - Topsoil - Lift 5 - Dozer Spreading	1.2	Topsoil	Small	No																					
41	SGVLF - Topsoil - Lift 6													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
42	SGVLF - Topsoil - Lift 6 - Dozer Spreading	1.2	Topsoil	Small	No																					
43	SGVLF - Topsoil - Lift 7													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
44	SGVLF - Topsoil - Lift 7 - Dozer Spreading	1.2	Topsoil	Small	No																					
45	SGVLF - Topsoil - Lift 8													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
46	SGVLF - Topsoil - Lift 8 - Dozer Spreading	1.2	Topsoil	Small	No																					
47	SGVLF - Topsoil - Lift 9													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
48	SGVLF - Topsoil - Lift 9 - Dozer Spreading	1.2	Topsoil	Small	No																					
49	SGVLF - Topsoil - Lift 10													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
50	SGVLF - Topsoil - Lift 10 - Dozer Spreading	1.2	Topsoil	Small	No																					
51	SGVLF - Topsoil - Lift 11													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
52	SGVLF - Topsoil - Lift 11 - Dozer Spreading	1.2	Topsoil	Small	No																					
53	SGVLF - Topsoil - Lift 12													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
54	SGVLF - Topsoil - Lift 12 - Dozer Spreading	1.2	Topsoil	Small	No																					
55	SGVLF - Topsoil - Lift 13													Topsoil	Large Truck			User Mix 1	User Mix 1	Hydro Mulch	Hydro Mulch	Chemical	Chemical	Yes	Yes	Small Dozer
56	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

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading											
2	AGVLF - Pile Leveling - Fine Grading											
3	AGVLF - 20 ft face - Mass Grading											
4	AGVLF - 20 ft face - Fine Grading											
5	AGVLF - 100 ft face - Mass Grading											
6	AGVLF - 100 ft face - Fine Grading											
7	AGVLF - 200 ft face - Mass Grading											
8	AGVLF - 200 ft face - Fine Grading											
9	AGVLF - Topsoil											
10	AGVLF - Topsoil - Dozer Spreading											
11	AGVLF - Topsoil - Lift 1											
12	AGVLF - Topsoil - Lift 1 - Dozer Spreading											
13	AGVLF - Topsoil - Lift 2											
14	AGVLF - Topsoil - Lift 2 - Dozer Spreading											
15	AGVLF - Topsoil - Lift 3											
16	AGVLF - Topsoil - Lift 3 - Dozer Spreading											
17	AGVLF - Topsoil - Lift 4											
18	AGVLF - Topsoil - Lift 4 - Dozer Spreading											
19	AGVLF - Topsoil - Lift 5											
20	AGVLF - Topsoil - Lift 5 - Dozer Spreading											
21	AGVLF - Topsoil - Lift 6											
22	AGVLF - Topsoil - Lift 6 - Dozer Spreading											
23	AGVLF - Topsoil - Lift 7											
24	AGVLF - Topsoil - Lift 7 - Dozer Spreading											
25	AGVLF - Topsoil - Lift 8											
26	AGVLF - Topsoil - Lift 8 - Dozer Spreading											
27	AGVLF - Topsoil - Lift 9											
28	AGVLF - Topsoil - Lift 9 - Dozer Spreading											
29	SGVLF - 100 ft face - Mass Grading											
30	SGVLF - 100 ft face - Fine Grading											
31	SGVLF - Topsoil - Lift 1											
32	SGVLF - Topsoil - Lift 1 - Dozer Spreading											
33	SGVLF - Topsoil - Lift 2											
34	SGVLF - Topsoil - Lift 2 - Dozer Spreading											
35	SGVLF - Topsoil - Lift 3											
36	SGVLF - Topsoil - Lift 3 - Dozer Spreading											
37	SGVLF - Topsoil - Lift 4											
38	SGVLF - Topsoil - Lift 4 - Dozer Spreading											
39	SGVLF - Topsoil - Lift 5											
40	SGVLF - Topsoil - Lift 5 - Dozer Spreading											
41	SGVLF - Topsoil - Lift 6											
42	SGVLF - Topsoil - Lift 6 - Dozer Spreading											
43	SGVLF - Topsoil - Lift 7											
44	SGVLF - Topsoil - Lift 7 - Dozer Spreading											
45	SGVLF - Topsoil - Lift 8											
46	SGVLF - Topsoil - Lift 8 - Dozer Spreading											
47	SGVLF - Topsoil - Lift 9											
48	SGVLF - Topsoil - Lift 9 - Dozer Spreading											
49	SGVLF - Topsoil - Lift 10											
50	SGVLF - Topsoil - Lift 10 - Dozer Spreading											
51	SGVLF - Topsoil - Lift 11											
52	SGVLF - Topsoil - Lift 11 - Dozer Spreading											
53	SGVLF - Topsoil - Lift 12											
54	SGVLF - Topsoil - Lift 12 - Dozer Spreading											
55	SGVLF - Topsoil - Lift 13											
56	SGVLF - Topsoil - Lift 13 - Dozer Spreading											

Notes:

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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

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Heap Leach Pads - ARO Cost Summary

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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	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading	0				0	0	0	0	0	0	0	0	0	0
2	AGVLF - Pile Leveling - Fine Grading	0				0	0	0	0	0	0	0	0	0	0
3	AGVLF - 20 ft face - Mass Grading	0				0	0	0	0	0	0	0	0	0	0
4	AGVLF - 20 ft face - Fine Grading	0				0	0	0	0	0	0	0	0	0	0
5	AGVLF - 100 ft face - Mass Grading	0				0	0	0	0	0	0	0	0	0	0
6	AGVLF - 100 ft face - Fine Grading	0				0	0	0	0	0	0	0	0	0	0
7	AGVLF - 200 ft face - Mass Grading	0				0	0	0	0	0	0	0	0	0	0
8	AGVLF - 200 ft face - Fine Grading	0				0	0	0	0	0	0	0	0	0	0
9	AGVLF - Topsoil	0				0	0	0	0	0	0	0	0	0	0
10	AGVLF - Topsoil - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
11	AGVLF - Topsoil - Lift 1	0				0	0	0	0	0	0	0	0	0	0
12	AGVLF - Topsoil - Lift 1 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
13	AGVLF - Topsoil - Lift 2	0				0	0	0	0	0	0	0	0	0	0
14	AGVLF - Topsoil - Lift 2 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
15	AGVLF - Topsoil - Lift 3	0				0	0	0	0	0	0	0	0	0	0
16	AGVLF - Topsoil - Lift 3 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
17	AGVLF - Topsoil - Lift 4	0				0	0	0	0	0	0	0	0	0	0
18	AGVLF - Topsoil - Lift 4 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
19	AGVLF - Topsoil - Lift 5	0				0	0	0	0	0	0	0	0	0	0
20	AGVLF - Topsoil - Lift 5 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
21	AGVLF - Topsoil - Lift 6	0				0	0	0	0	0	0	0	0	0	0
22	AGVLF - Topsoil - Lift 6 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
23	AGVLF - Topsoil - Lift 7	0				0	0	0	0	0	0	0	0	0	0
24	AGVLF - Topsoil - Lift 7 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
25	AGVLF - Topsoil - Lift 8	0				0	0	0	0	0	0	0	0	0	0
26	AGVLF - Topsoil - Lift 8 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
27	AGVLF - Topsoil - Lift 9	0				0	0	0	0	0	0	0	0	0	0
28	AGVLF - Topsoil - Lift 9 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
29	SGVLF - 100 ft face - Mass Grading	0				0	0	0	0	0	0	0	0	0	0
30	SGVLF - 100 ft face - Fine Grading	0				0	0	0	0	0	0	0	0	0	0
31	SGVLF - Topsoil - Lift 1	0				0	0	0	0	0	0	0	0	0	0
32	SGVLF - Topsoil - Lift 1 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
33	SGVLF - Topsoil - Lift 2	0				0	0	0	0	0	0	0	0	0	0
34	SGVLF - Topsoil - Lift 2 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
35	SGVLF - Topsoil - Lift 3	0				0	0	0	0	0	0	0	0	0	0
36	SGVLF - Topsoil - Lift 3 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
37	SGVLF - Topsoil - Lift 4	0				0	0	0	0	0	0	0	0	0	0
38	SGVLF - Topsoil - Lift 4 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
39	SGVLF - Topsoil - Lift 5	0				0	0	0	0	0	0	0	0	0	0
40	SGVLF - Topsoil - Lift 5 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
41	SGVLF - Topsoil - Lift 6	0				0	0	0	0	0	0	0	0	0	0
42	SGVLF - Topsoil - Lift 6 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
43	SGVLF - Topsoil - Lift 7	0				0	0	0	0	0	0	0	0	0	0
44	SGVLF - Topsoil - Lift 7 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
45	SGVLF - Topsoil - Lift 8	0				0	0	0	0	0	0	0	0	0	0
46	SGVLF - Topsoil - Lift 8 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
47	SGVLF - Topsoil - Lift 9	0				0	0	0	0	0	0	0	0	0	0
48	SGVLF - Topsoil - Lift 9 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
49	SGVLF - Topsoil - Lift 10	0				0	0	0	0	0	0	0	0	0	0
50	SGVLF - Topsoil - Lift 10 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
51	SGVLF - Topsoil - Lift 11	0				0	0	0	0	0	0	0	0	0	0
52	SGVLF - Topsoil - Lift 11 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
53	SGVLF - Topsoil - Lift 12	0				0	0	0	0	0	0	0	0	0	0
54	SGVLF - Topsoil - Lift 12 - Dozer Spreading	0				0	0	0	0	0	0	0	0	0	0
55	SGVLF - Topsoil - Lift 13	0				0	0	0	0	0	0	0	0	0	0
56	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**

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TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading**	31,765	50	D10T2	2,750	1.2	0.6	0.82	1.2	1,213	26	1,608	9,225	10,833
2	**AGVLF - Pile Leveling - Fine Grading**	3,529	50	D7E	1,017	1.2	0.6	0.82	1.0	370	10	619	1,056	1,675
3	**AGVLF - 20 ft face - Mass Grading**	884,102	147	D10T2	1,107	1.6	1.0	0.82	1.2	1,085	815	50,408	289,170	339,578
4	**AGVLF - 20 ft face - Fine Grading**	98,234	147	D7E	414	1.6	1.0	0.82	1.0	335	293	18,122	30,929	49,051
5	**AGVLF - 100 ft face - Mass Grading**	1,244,120	147	D10T2	1,107	1.6	1.0	0.82	1.2	1,085	1,147	70,942	406,967	477,909
6	**AGVLF - 100 ft face - Fine Grading**	138,236	147	D7E	414	1.6	1.0	0.82	1.0	335	413	25,544	43,596	69,140
7	**AGVLF - 200 ft face - Mass Grading**	267,530	293	D10T2	618	1.6	1.0	0.82	1.2	606	441	27,276	156,471	183,747
8	**AGVLF - 200 ft face - Fine Grading**	29,726	293	D7E	233	1.6	1.0	0.82	1.0	188	158	9,772	16,678	26,450
9	**AGVLF - Topsoil**	0		Select Fleet							0			0
10	**AGVLF - Topsoil - Dozer Spreading**	26,557	257	D7E	260	1.6	1.2	1.44	1.0	443	60	3,711	6,334	10,045
11	**AGVLF - Topsoil - Lift 1**	0		Select Fleet							0			0
12	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	23,223	219	D7E	297	1.6	1.2	1.44	1.0	506	46	2,845	4,856	7,701
13	**AGVLF - Topsoil - Lift 2**	0		Select Fleet							0			0
14	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	30,224	206	D7E	313	1.6	1.2	1.44	1.0	533	57	3,525	6,017	9,542
15	**AGVLF - Topsoil - Lift 3**	0		Select Fleet							0			0
16	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	40,095	172	D7E	363	1.6	1.2	1.44	1.0	619	65	4,020	6,861	10,881
17	**AGVLF - Topsoil - Lift 4**	0		Select Fleet							0			0
18	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	59,506	302	D7E	227	1.6	1.2	1.44	1.0	387	154	9,525	16,256	25,781
19	**AGVLF - Topsoil - Lift 5**	0		Select Fleet							0			0
20	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	60,616	165	D7E	376	1.6	1.2	1.44	1.0	641	95	5,876	10,028	15,904
21	**AGVLF - Topsoil - Lift 6**	0		Select Fleet							0			0
22	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	77,411	194	D7E	329	1.6	1.2	1.44	1.0	561	138	8,535	14,567	23,102
23	**AGVLF - Topsoil - Lift 7**	0		Select Fleet							0			0
24	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	104,752	172	D7E	363	1.6	1.2	1.44	1.0	619	169	10,453	17,840	28,293
25	**AGVLF - Topsoil - Lift 8**	0		Select Fleet							0			0
26	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	59,879	292	D7E	234	1.6	1.2	1.44	1.0	399	150	9,278	15,834	25,112
27	**AGVLF - Topsoil - Lift 9**	0		Select Fleet							0			0
28	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	41,737	155	D7E	396	1.6	1.2	1.44	1.0	675	62	3,835	6,545	10,380
29	**SGVLF - 100 ft face - Mass Grading**	1,797,311	146	D10T2	1,113	1.6	1.0	0.82	1.2	1,091	1,647	101,867	584,372	686,239
30	**SGVLF - 100 ft face - Fine Grading**	199,701	146	D7E	416	1.6	1.0	0.82	1.0	336	594	36,739	62,703	99,442
31	**SGVLF - Topsoil - Lift 1**	67,884	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
32	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	13,456	146	D7E	416	1.6	1.2	1.44	1.0	709	19	1,175	2,006	3,181
33	**SGVLF - Topsoil - Lift 2**	108,065	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
34	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	12,686	146	D7E	416	1.6	1.2	1.44	1.0	709	18	1,113	1,900	3,013
35	**SGVLF - Topsoil - Lift 3**	153,694	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
36	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	16,792	146	D7E	416	1.6	1.2	1.44	1.0	709	24	1,484	2,533	4,017
37	**SGVLF - Topsoil - Lift 4**	177,986	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
38	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	25,752	146	D7E	416	1.6	1.2	1.44	1.0	709	36	2,227	3,800	6,027
39	**SGVLF - Topsoil - Lift 5**	374,509	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
40	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	41,227	146	D7E	416	1.6	1.2	1.44	1.0	709	58	3,587	6,122	9,709
41	**SGVLF - Topsoil - Lift 6**	463,324	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
42	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	70,800	146	D7E	416	1.6	1.2	1.44	1.0	709	100	6,185	10,556	16,741
43	**SGVLF - Topsoil - Lift 7**	514,861	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
44	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	55,023	146	D7E	416	1.6	1.2	1.44	1.0	709	78	4,824	8,234	13,058
45	**SGVLF - Topsoil - Lift 8**	477,176	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
46	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	48,228	146	D7E	416	1.6	1.2	1.44	1.0	709	68	4,206	7,178	11,384
47	**SGVLF - Topsoil - Lift 9**	430,120	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
48	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	43,297	146	D7E	416	1.6	1.2	1.44	1.0	709	61	3,773	6,439	10,212
49	**SGVLF - Topsoil - Lift 10**	366,972	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
50	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	38,594	146	D7E	416	1.6	1.2	1.44	1.0	709	54	3,340	5,700	9,040
51	**SGVLF - Topsoil - Lift 11**	334,736	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
52	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	38,532	146	D7E	416	1.6	1.2	1.44	1.0	709	54	3,340	5,700	9,040
53	**SGVLF - Topsoil - Lift 12**	102,463	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
54	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	27,409	146	D7E	416	1.6	1.2	1.44	1.0	709	39	2,412	4,117	6,529
55	**SGVLF - Topsoil - Lift 13**	76,389	146	Select Fleet	Select Fleet	1.6	Dozing Material!	Material Type!	1.0	Select Fleet	0		0	0
56	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**	17,859	146	D7E	416	1.6	1.2	1.44	1.0	709	25	1,546	2,639	4,185
		9,316,085									7,174	**443,712**	**1,773,229**	**2,216,941**

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**AGVLF - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**AGVLF - 20 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
4	**AGVLF - 20 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
5	**AGVLF - 100 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
6	**AGVLF - 100 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
7	**AGVLF - 200 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
8	**AGVLF - 200 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
9	**AGVLF - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
10	**AGVLF - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
11	**AGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
12	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
13	**AGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
14	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
15	**AGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
16	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
17	**AGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
18	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
19	**AGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
20	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
21	**AGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
22	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
23	**AGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
24	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
25	**AGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
26	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
27	**AGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
28	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
29	**SGVLF - 100 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
30	**SGVLF - 100 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
31	**SGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
32	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
33	**SGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
34	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
35	**SGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
36	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
37	**SGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
38	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
39	**SGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
40	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
41	**SGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
42	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
43	**SGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
44	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
45	**SGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
46	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
47	**SGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
48	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
49	**SGVLF - Topsoil - Lift 10**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
50	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
51	**SGVLF - Topsoil - Lift 11**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
52	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
53	**SGVLF - Topsoil - Lift 12**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
54	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
55	**SGVLF - Topsoil - Lift 13**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
56	**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)

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
2	**AGVLF - Pile Leveling - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
3	**AGVLF - 20 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
4	**AGVLF - 20 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
5	**AGVLF - 100 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
6	**AGVLF - 100 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
7	**AGVLF - 200 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
8	**AGVLF - 200 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
9	**AGVLF - Topsoil**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
10	**AGVLF - Topsoil - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
11	**AGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
12	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
13	**AGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
14	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
15	**AGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
16	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
17	**AGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
18	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
19	**AGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
20	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
21	**AGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
22	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
23	**AGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
24	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
25	**AGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
26	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
27	**AGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
28	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
29	**SGVLF - 100 ft face - Mass Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
30	**SGVLF - 100 ft face - Fine Grading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
31	**SGVLF - Topsoil - Lift 1**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
32	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
33	**SGVLF - Topsoil - Lift 2**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
34	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
35	**SGVLF - Topsoil - Lift 3**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
36	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
37	**SGVLF - Topsoil - Lift 4**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
38	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
39	**SGVLF - Topsoil - Lift 5**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
40	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
41	**SGVLF - Topsoil - Lift 6**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
42	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
43	**SGVLF - Topsoil - Lift 7**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
44	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
45	**SGVLF - Topsoil - Lift 8**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
46	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
47	**SGVLF - Topsoil - Lift 9**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
48	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
49	**SGVLF - Topsoil - Lift 10**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
50	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
51	**SGVLF - Topsoil - Lift 11**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
52	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
53	**SGVLF - Topsoil - Lift 12**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
54	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
55	**SGVLF - Topsoil - Lift 13**	0	0					0					0	0	0	0	0	0	0	0	0	0	0	0
56	**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)

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

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 - Pile Leveling - Mass Grading**						0	0	0	0
2	**AGVLF - Pile Leveling - Fine Grading**						0	0	0	0
3	**AGVLF - 20 ft face - Mass Grading**						0	0	0	0
4	**AGVLF - 20 ft face - Fine Grading**						0	0	0	0
5	**AGVLF - 100 ft face - Mass Grading**						0	0	0	0
6	**AGVLF - 100 ft face - Fine Grading**						0	0	0	0
7	**AGVLF - 200 ft face - Mass Grading**						0	0	0	0
8	**AGVLF - 200 ft face - Fine Grading**						0	0	0	0
9	**AGVLF - Topsoil**	26,564	777G/992K/D10T2	5.77	2	1,150	24	5,237	31,827	37,064
10	**AGVLF - Topsoil - Dozer Spreading**						0	0	0	0
11	**AGVLF - Topsoil - Lift 1**	23,224	777G/992K/D10T2	6.87	2	966	24	5,237	31,827	37,064
12	**AGVLF - Topsoil - Lift 1 - Dozer Spreading**						0	0	0	0
13	**AGVLF - Topsoil - Lift 2**	30,226	777G/992K/D10T2	6.55	2	1,013	30	6,546	39,784	46,330
14	**AGVLF - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
15	**AGVLF - Topsoil - Lift 3**	40,091	777G/992K/D10T2	8.47	3	1,175	34	9,007	52,205	61,212
16	**AGVLF - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
17	**AGVLF - Topsoil - Lift 4**	59,508	777G/992K/D10T2	11.72	4	1,132	53	16,515	92,473	108,988
18	**AGVLF - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
19	**AGVLF - Topsoil - Lift 5**	60,621	777G/992K/D10T2	14.74	5	1,125	54	19,349	105,521	124,870
20	**AGVLF - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
21	**AGVLF - Topsoil - Lift 6**	77,407	777G/992K/D10T2	16.51	6	1,205	64	25,922	138,458	164,380
22	**AGVLF - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0
23	**AGVLF - Topsoil - Lift 7**	104,754	777G/992K/D10T2	18.92	7	1,226	85	38,398	201,682	240,080
24	**AGVLF - Topsoil - Lift 7 - Dozer Spreading**						0	0	0	0
25	**AGVLF - Topsoil - Lift 8**	59,879	777G/992K/D10T2	8.81	3	1,130	53	14,040	81,379	95,419
26	**AGVLF - Topsoil - Lift 8 - Dozer Spreading**						0	0	0	0
27	**AGVLF - Topsoil - Lift 9**	41,729	777G/992K/D10T2	7.34	2	903	47	10,255	62,328	72,583
28	**AGVLF - Topsoil - Lift 9 - Dozer Spreading**						0	0	0	0
29	**SGVLF - 100 ft face - Mass Grading**						0	0	0	0
30	**SGVLF - 100 ft face - Fine Grading**						0	0	0	0
31	**SGVLF - Topsoil - Lift 1**	13,455	777G/992K/D10T2	10.43	3	954	14	3,709	21,496	25,205
32	**SGVLF - Topsoil - Lift 1 - Dozer Spreading**						0	0	0	0
33	**SGVLF - Topsoil - Lift 2**	12,680	777G/992K/D10T2	8.19	3	1,215	11	2,914	16,890	19,804
34	**SGVLF - Topsoil - Lift 2 - Dozer Spreading**						0	0	0	0
35	**SGVLF - Topsoil - Lift 3**	16,795	777G/992K/D10T2	7.36	2	901	19	4,146	25,196	29,342
36	**SGVLF - Topsoil - Lift 3 - Dozer Spreading**						0	0	0	0
37	**SGVLF - Topsoil - Lift 4**	25,749	777G/992K/D10T2	6.53	2	1,016	25	5,455	33,153	38,608
38	**SGVLF - Topsoil - Lift 4 - Dozer Spreading**						0	0	0	0
39	**SGVLF - Topsoil - Lift 5**	41,221	777G/992K/D10T2	6.33	2	1,047	39	8,509	51,719	60,228
40	**SGVLF - Topsoil - Lift 5 - Dozer Spreading**						0	0	0	0
41	**SGVLF - Topsoil - Lift 6**	70,794	777G/992K/D10T2	8.86	3	1,123	63	16,689	96,733	113,422
42	**SGVLF - Topsoil - Lift 6 - Dozer Spreading**						0	0	0	0
43	**SGVLF - Topsoil - Lift 7**	55,023	777G/992K/D10T2	8.96	3	1,111	49	12,980	75,237	88,217
44	**SGVLF - Topsoil - Lift 7 - Dozer Spreading**						0	0	0	0
45	**SGVLF - Topsoil - Lift 8**	48,223	777G/992K/D10T2	11.22	4	1,182	40	12,464	69,791	82,255
46	**SGVLF - Topsoil - Lift 8 - Dozer Spreading**						0	0	0	0
47	**SGVLF - Topsoil - Lift 9**	43,302	777G/992K/D10T2	12.65	4	1,049	41	12,776	71,536	84,312
48	**SGVLF - Topsoil - Lift 9 - Dozer Spreading**						0	0	0	0
49	**SGVLF - Topsoil - Lift 10**	38,591	777G/992K/D10T2	15.38	5	1,079	35	12,541	68,393	80,934
50	**SGVLF - Topsoil - Lift 10 - Dozer Spreading**						0	0	0	0
51	**SGVLF - Topsoil - Lift 11**	38,535	777G/992K/D10T2	16.42	6	1,210	32	12,961	69,229	82,190
52	**SGVLF - Topsoil - Lift 11 - Dozer Spreading**						0	0	0	0
53	**SGVLF - Topsoil - Lift 12**	27,403	777G/992K/D10T2	17.39	6	1,145	24	9,721	51,922	61,643
54	**SGVLF - Topsoil - Lift 12 - Dozer Spreading**						0	0	0	0
55	**SGVLF - Topsoil - Lift 13**	17,860	777G/992K/D10T2	19.38	7	1,197	15	6,776	35,591	42,367
56	**SGVLF - Topsoil - Lift 13 - Dozer Spreading**						0	0	0	0
		973,634					875	**272,147**	**1,524,370**	**1,796,517**

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Closure Cost Estimate
Heap Leach

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Heap Leach Pads - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Drain Installation	0	0	0	0
Grading Costs	443,712	1,773,229	N/A	2,216,941
Cover 1 Placement Cost	0	0	N/A	0
Cover 2 Placement Cost	0	0	N/A	0
Topsoil Placement Cost	272,147	1,524,370	N/A	1,796,517
Ripping/Scarifying Cost	74,345	126,883	N/A	201,228
Subtotal Earthworks	**790,204**	**3,424,482**	**0**	**4,214,686**
Revegetation Cost	175,811	64,031	1,443,343	1,683,185
TOTALS	**966,015**	**3,488,513**	**1,443,343**	**5,897,871**

Heap Leach - Scarify/Revegetation 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 Costs: Scarifying/ Ripping Labor Costs $	Scarifying Costs: Scarifying/ Ripping Equipment Cost $	Scarifying Costs: Total Scarifying/ Ripping Costs $	Regegetation Costs: Revegetation Labor Cost $	Regegetation Costs: Revegetation Equipment Cost $	Regegetation Costs: Revegetation Material Cost $	Regegetation Costs: Total Revegetation Cost $
1	AGVLF - Pile Leveling - Mass Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
2	AGVLF - Pile Leveling - Fine Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
3	AGVLF - 20 ft face - Mass Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
4	AGVLF - 20 ft face - Fine Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
5	AGVLF - 100 ft face - Mass Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
6	AGVLF - 100 ft face - Fine Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
7	AGVLF - 200 ft face - Mass Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
8	AGVLF - 200 ft face - Fine Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
9	AGVLF - Topsoil	2.18	30.75	32.93	474	350	D7E	2	32	2,103	3,589	5,692	4,797	1,747	39,379	45,923
10	AGVLF - Topsoil - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
11	AGVLF - Topsoil - Lift 1	28.79	0.00	28.79	404	175	D7E	29	0	1,794	3,061	4,855	4,194	1,527	34,428	40,149
12	AGVLF - Topsoil - Lift 1 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
13	AGVLF - Topsoil - Lift 2	37.47	0.00	37.47	380	355	D7E	37	0	2,288	3,906	6,194	5,458	1,988	44,807	52,253
14	AGVLF - Topsoil - Lift 2 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
15	AGVLF - Topsoil - Lift 3	39.20	10.50	49.70	318	355	D7E	39	11	3,093	5,278	8,371	7,239	2,637	59,433	69,309
16	AGVLF - Topsoil - Lift 3 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
17	AGVLF - Topsoil - Lift 4	73.77	0.00	73.77	557	415	D7E	73	0	4,515	7,706	12,221	10,745	3,913	88,217	102,875
18	AGVLF - Topsoil - Lift 4 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
19	AGVLF - Topsoil - Lift 5	51.59	23.56	75.15	304	465	D7E	50	24	4,577	7,811	12,388	10,947	3,987	89,866	104,800
20	AGVLF - Topsoil - Lift 5 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
21	AGVLF - Topsoil - Lift 6	62.44	33.52	95.96	358	685	D7E	61	34	5,876	10,028	15,904	13,978	5,090	114,752	133,820
22	AGVLF - Topsoil - Lift 6 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
23	AGVLF - Topsoil - Lift 7	10.95	118.91	129.86	318	700	D7E	11	120	8,102	13,828	21,930	18,915	6,889	155,291	181,095
24	AGVLF - Topsoil - Lift 7 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
25	AGVLF - Topsoil - Lift 8	74.23	0.00	74.23	539	415	D7E	73	0	4,515	7,706	12,221	10,812	3,938	88,766	103,516
26	AGVLF - Topsoil - Lift 8 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
27	AGVLF - Topsoil - Lift 9	29.89	21.84	51.73	285	415	D7E	29	23	3,216	5,489	8,705	7,535	2,745	61,860	72,140
28	AGVLF - Topsoil - Lift 9 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
29	SGVLF - 100 ft face - Mass Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
30	SGVLF - 100 ft face - Fine Grading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
31	SGVLF - Topsoil - Lift 1	8.23	8.45	16.68	269	245	D7E	8	9	1,051	1,795	2,846	2,430	885	19,947	23,262
32	SGVLF - Topsoil - Lift 1 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
33	SGVLF - Topsoil - Lift 2	13.10	2.62	15.72	269	245	D7E	13	3	990	1,689	2,679	2,290	834	18,799	21,923
34	SGVLF - Topsoil - Lift 2 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
35	SGVLF - Topsoil - Lift 3	18.64	2.18	20.82	269	245	D7E	18	2	1,237	2,111	3,348	3,033	1,105	24,898	29,036
36	SGVLF - Topsoil - Lift 3 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
37	SGVLF - Topsoil - Lift 4	21.58	10.34	31.92	269	245	D7E	21	11	1,979	3,378	5,357	4,649	1,694	38,171	44,514
38	SGVLF - Topsoil - Lift 4 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
39	SGVLF - Topsoil - Lift 5	45.41	5.69	51.10	269	245	D7E	44	6	3,093	5,278	8,371	7,443	2,711	61,106	71,260
40	SGVLF - Topsoil - Lift 5 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
41	SGVLF - Topsoil - Lift 6	56.18	31.58	87.76	269	245	D7E	55	34	5,505	9,395	14,900	12,783	4,655	104,946	122,384
42	SGVLF - Topsoil - Lift 6 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
43	SGVLF - Topsoil - Lift 7	62.43	5.78	68.21	269	245	D7E	61	6	4,144	7,073	11,217	9,936	3,619	81,567	95,122
44	SGVLF - Topsoil - Lift 7 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
45	SGVLF - Topsoil - Lift 8	57.86	1.92	59.78	269	245	D7E	56	2	3,587	6,122	9,709	8,708	3,171	71,487	83,366
46	SGVLF - Topsoil - Lift 8 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
47	SGVLF - Topsoil - Lift 9	52.16	1.52	53.68	269	245	D7E	51	2	3,278	5,595	8,873	7,819	2,848	64,191	74,858
48	SGVLF - Topsoil - Lift 9 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
49	SGVLF - Topsoil - Lift 10	44.50	3.34	47.84	269	245	D7E	43	4	2,907	4,961	7,868	6,969	2,538	57,209	66,716
50	SGVLF - Topsoil - Lift 10 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
51	SGVLF - Topsoil - Lift 11	40.59	7.18	47.77	269	245	D7E	39	8	2,907	4,961	7,868	6,958	2,534	57,125	66,617
52	SGVLF - Topsoil - Lift 11 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
53	SGVLF - Topsoil - Lift 12	12.42	21.55	33.97	269	245	D7E	12	23	2,165	3,695	5,860	4,948	1,802	40,622	47,372
54	SGVLF - Topsoil - Lift 12 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
55	SGVLF - Topsoil - Lift 13	9.26	12.88	22.14	269	245	D7E	9	14	1,423	2,428	3,851	3,225	1,174	26,476	30,875
56	SGVLF - Topsoil - Lift 13 - Dozer Spreading	0.10	0.00	0.10		Rip Dist		0	0	0	0	0	0	0	0	0
		856.17	354.11	1,210.28				834	368	**74,345**	**126,883**	**201,228**	**175,811**	**64,031**	**1,443,343**	**1,683,185**

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

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Closure Cost Estimate
Process Ponds

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Process Ponds - ARO Cost Summary

	Labor $	Equipment $	Materials $	Markup $	Totals $
Liner Cutting & Folding Costs	55,607	28,809	N/A	N/A	84,416
Backfill 1 Costs	99,073	320,343	N/A	N/A	419,416
Backfill 2 Costs	0	0	N/A	N/A	0
Growth Media Placement Costs	5,563	17,987	N/A	N/A	23,550
Subtotal Earthworks	**160,243**	**367,139**	**0**		**527,382**
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	**162,049**	**367,796**	**13,874**	**0**	**543,719**

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 Dimensions (1): Pond Length ft	Pond Width ft	Pond Depth ft	Pond Sideslope Angle H:1V	Disturbed Area (if calculated elsewhere) acres	Backfill 1: Percent Backfill (0% if blank)	Backfill 1: Distance to Placement (2)(3) ft	Backfill 1: Slope to Placement Location % grade	Backfill 1: Volume (if calculated elsewhere) cy	Backfill 2: Percent Backfill (0% if blank)	Backfill 2: Distance to Placement (2) ft	Backfill 2: Slope to Placement Location % grade	Backfill 2: Volume (if calculated elsewhere) cy	Growth Media: Growth Media Thickness in	Growth Media: Distance to Placement ft	Growth Media: Slope to Placement Location % grade	Growth Media: Volume (if calculated elsewhere) cy
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)	Backfill 1 - Crushing & Screening: 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 2 - Crushing & Screening: 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)
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)	Remove Liner: Crew Cut & Fold Time (2) hrs	Backfill 1: Backfill Material Type (select)	Backfill 1: Backfill Equipment Fleet (select)	Backfill 1: Cycle Time Override (user override)	Backfill 1: Maximum Fleet Size (user override)	Backfill 2: Backfill Material Type (select)	Backfill 2: Backfill Equipment Fleet (select)	Backfill 2: Cycle Time Override (user override)	Backfill 2: Maximum Fleet Size (user override)	Growth Media: Material Type (select)	Growth Media: Placement Equipment Fleet (select)	Growth Media: Cycle Time Override (user override)	Growth Media: Maximum Fleet Size (user override)	Revegetation: Seed Mix (select)	Revegetation: Mulch (select)	Revegetation: Fertilizer (select)
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)	E/ET-Cell Construction: 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) %
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)

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Closure Cost Estimate
Process Ponds

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Process Ponds - ARO Cost Summary

	Labor $	Equipment $	Materials $	Markup $	Totals $
Liner Cutting & Folding Costs	55,607	28,809	N/A	N/A	84,416
Backfill 1 Costs	99,073	320,343	N/A	N/A	419,416
Backfill 2 Costs	0	0	N/A	N/A	0
Growth Media Placement Costs	5,563	17,987	N/A	N/A	23,550
Subtotal Earthworks	**160,243**	**367,139**	**0**		**527,382**
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	**162,049**	**367,796**	**13,874**	**0**	**543,719**

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	26,614	13,788	40,402
2	**Crusher fuel island fresh water pond**	3	446	231	677
3	**Arequa external ponds**	192	28,547	14,790	43,337
		374	**55,607**	**28,809**	**84,416**

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	47,417	153,319	200,736	200,736
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	795	2,570	3,365	3,365
3	**Arequa external ponds**	0	85,438					0	740C/988K/D8T	8.87	3	446	192	0	0	0	0	0	0	0	50,861	164,454	215,315	215,315
		0	166,414					0					374	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**99,073**	**320,343**	**419,416**	**419,416**

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 (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	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	2,649	8,565	11,214
2	**Crusher fuel island fresh water pond**	186	740C/988K/D8T	8.87	3	446	0	265	857	1,122
3	**Arequa external ponds**	4,637	740C/988K/D8T	8.87	3	446	10	2,649	8,565	11,214
		9,395					20	**5,563**	**17,987**	**23,550**

Process Ponds - Revegetation Costs

	Description (required)	Surface Area acres	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revegetation 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**

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Closure Cost Estimate
Yards, Etc.

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	95,435	162,879	N/A	258,314
Subtotal Earthworks	**95,435**	**162,879**		**258,314**
Revegetation Cost	225,743	82,217	1,853,297	2,161,257
TOTALS	**321,178**	**245,096**	**1,853,297**	**2,419,571**

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

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Closure Cost Estimate
Yards, Etc.

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	95,435	162,879	N/A	258,314
Subtotal Earthworks	**95,435**	**162,879**		**258,314**
Revegetation Cost	225,743	82,217	1,853,297	2,161,257
TOTALS	**321,178**	**245,096**	**1,853,297**	**2,419,571**

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	87,456	149,262	236,718	208,439	75,915	1,711,232	1,995,586
2	**Growth Media piles**	118.80	200	D7E	129	7,979	13,617	21,596	17,304	6,302	142,065	165,671
		1,549.80			1,543	**95,435**	**162,879**	**258,314**	**225,743**	**82,217**	**1,853,297**	**2,161,257**

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

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Closure Cost Estimate
Haul Material

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Generic Material Hauling - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Hauling/Crush/Screen/Compact	3,373,080	26,493,438	N/A	29,866,518
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	**3,373,080**	**26,493,438**		**29,866,518**
Revegetation Cost	0	0	0	0
TOTALS	**3,373,080**	**26,493,438**	**0**	**29,866,518**

Generic Material Hauling - User Input

	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						1,496	-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.)

	Description (required)	Hauling Material: Haul Material Type (select)	Hauling Material: Crusher Fleet (select)	Hauling Material: Cycle Time Override (user override)	Hauling Material: Maximum Fleet Size (user override)	Hauling Material: Placement Fleet (select)	Hauling Material: Cycle Time Override (user override)	Hauling Material: Maximum Fleet Size (user override)	Hauling Material: Compact After Placement?	Cover: Material Type (select)	Cover: Placement Fleet (select)	Cover: Cycle Time Override (user override)	Cover: Maximum Fleet Size (user override)	Growth Media: Material Type (select)	Growth Media: Placement Fleet (select)	Growth Media: Cycle Time Override (user override)	Growth Media: Maximum Fleet Size (user override)	Revegetation: Seed Mix (select)	Revegetation: Mulch Type (select)	Revegetation: Fertilizer Type (select)	Revegetation: Scarify/ Rip? (select)	Revegetation: 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 Tvoes are used for densitv correction based on material densities in Caterpillar Performance Handbook material densitv table
2. If distance betweem borrow source is <250 m, haul fleet assumed be wheeled loaders

Generic Material Hauling - Load, Haul, Place and Grade

	Description (required)	Material Volumes: Material Volume to Crusher cy	Material Volumes: Final Material Volume cy	Haul to Crusher: Crusher Fleet	Haul to Crusher: Cycle Time min	Haul to Crusher: Haul Fleet Size	Haul to Crusher: Fleet Productivity LCY/hr	Haul to Crusher: Fleet Hours hrs	Haul to Placement: Placement Fleet	Haul to Placement: Cycle Time min	Haul to Placement: Haul Fleet Size	Haul to Placement: Fleet Productivity LCY/hr	Haul to Placement: Fleet Hours hrs	Haul to Crusher: Labor Cost $	Haul to Crusher: Equipment Cost $	Haul to Crusher: Total Cost $	Crush: Total Crush/ Screen Cost $	Compact: Labor Cost $	Compact: Equipment Cost $	Compact: Total Cost $	Haul to Placement: Labor Cost $	Haul to Placement: Equipment Cost $	Haul to Placement: Total Cost $	Total: 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	49,747	391,136	440,883	440,883
2	**AGVLF - 9500**		437,763					0	793F/994K/D10T2	11.75	2	1,708	256	0	0	0	0	0	0	0	56,857	439,171	496,028	496,028
3	**AGVLF - 9600**		669,112					0	793F/994K/D10T2	9.74	2	2,060	325	0	0	0	0	0	0	0	70,912	557,541	628,453	628,453
4	**AGVLF - 9700**		924,083					0	793F/994K/D10T2	10.41	2	1,927	480	0	0	0	0	0	0	0	104,731	823,445	928,176	928,176
5	**AGVLF - 9800**		511,553					0	793F/994K/D10T2	14.32	2	1,401	365	0	0	0	0	0	0	0	79,639	626,161	705,800	705,800
6	**AGVLF - 9900**		291,740					0	793F/994K/D10T2	17.72	2	1,132	258	0	0	0	0	0	0	0	56,293	442,602	498,895	498,895
7	**AGVLF - 10000**		84,553					0	793F/994K/D10T2	21.53	3	1,399	60	0	0	0	0	0	0	0	15,894	124,267	140,161	140,161
8	**AGVLF - 9920**		6,599,307					0	793F/994K/D10T2	12.09	2	1,680	3,975	0	0	0	0	0	0	0	867,305	6,819,152	7,686,457	7,686,457
9	**AGVLF - 10020**		4,040,912					0	793F/994K/D10T2	11.02	2	1,821	2,219	0	0	0	0	0	0	0	484,164	3,806,717	4,290,881	4,290,881
10	**AGVLF - 10100**		3,919,057					0	793F/994K/D10T2	10.23	2	1,962	1,997	0	0	0	0	0	0	0	435,725	3,425,873	3,861,598	3,861,598
11	**AGVLF - 10190**		3,562,003					0	793F/994K/D10T2	14.09	2	1,424	2,501	0	0	0	0	0	0	0	545,693	4,290,491	4,836,184	4,836,184
12	**AGVLF - 10280**		3,477,782					0	793F/994K/D10T2	19.75	3	1,524	2,282	0	0	0	0	0	0	0	604,502	4,726,296	5,330,798	5,330,798
13	**Remove ROM**		12,587					0	793F/994K/D10T2	8.98	2	2,234	6	0	0	0	0	0	0	0	1,309	10,293	11,602	11,602
14	**Remove DCF and Liner**		12,587					0	793F/994K/D10T2	8.98	2	2,234	6	0	0	0	0	0	0	0	1,309	10,293	11,602	11,602
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**	**3,373,080**	**26,493,438**	**29,866,518**	**29,866,518**

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

	Description (required)	Cover Placement: Final Material Volume acres	Cover Placement: Placement Fleet	Cover Placement: Cycle Time min	Cover Placement: Haul Fleet Size	Cover Placement: Fleet Productivity LCY/hr	Cover Placement: Fleet Hours hrs	Cover Placement: Total Labor Cost $	Cover Placement: Total Equipment Cost $	Cover Placement: Total Cover Placement Cost $	Growth Media Placement: Final Material Volume cy	Growth Media Placement: Placement Fleet	Growth Media Placement: Cycle Time min	Growth Media Placement: No. of Trucks/ Scrapers	Growth Media Placement: Fleet Productivity LCY/hr	Growth Media Placement: Fleet Hours hrs	Growth Media Placement: Labor Cost $	Growth Media Placement: Equipment Cost $	Growth Media Placement: 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

	Description (required)	Total Surface Area acres	Ripping/ Scarifying Fleet	Scarifying/ Ripping Hours hrs	Scarifying Costs: Scarifying/ Ripping Labor Cost $	Scarifying Costs: Scarifying/ Ripping Equipment Cost $	Scarifying Costs: Total Scarifying/ Ripping Cost $	Regegetation Costs: Revegetation Labor Cost $	Regegetation Costs: Revegetation Equipment Cost $	Regegetation Costs: Revegetation Material Cost $	Regegetation Costs: 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
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**

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Closure Cost Estimate
Foundations & Buildings

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,783,304	2,225,517	N/A	5,008,821
Wall Demolition Cost	91,013	86,393	N/A	177,406
Slab Demolition	29,084	113,471	N/A	142,555
Subtotal Demolition	**2,903,401**	**2,425,381**	**0**	**5,328,782**
Cover Placement Cost	74,350	181,238	N/A	255,588
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	4,402	7,525	N/A	11,927
Subtotal Earthworks	**78,752**	**188,763**	**0**	**267,515**
Revegetation Cost	10,269	3,740	13,305	27,314
TOTALS	**2,992,422**	**2,617,884**	**13,305**	**5,623,611**

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 Maintenaince 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											

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 Productivity Sheet)

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Buildings & Foundation Demolition - ARO Cost Summary	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,783,304	2,225,517	N/A	5,008,821
Wall Demolition Cost	91,013	86,393	N/A	177,406
Slab Demolition	29,084	113,471	N/A	142,555
Subtotal Demolition	**2,903,401**	**2,425,381**	**0**	**5,328,782**
Cover Placement Cost	74,350	181,238	N/A	255,588
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	4,402	7,525	N/A	11,927
Subtotal Earthworks	**78,752**	**188,763**	**0**	**267,515**
Revegetation Cost	10,269	3,740	13,305	27,314
TOTALS	**2,992,422**	**2,617,884**	**13,305**	**5,623,611**

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																

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

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,783,304	2,225,517	N/A	5,008,821
Wall Demolition Cost	91,013	86,393	N/A	177,406
Slab Demolition	29,084	113,471	N/A	142,555
Subtotal Demolition	**2,903,401**	**2,425,381**	**0**	**5,328,782**
Cover Placement Cost	74,350	181,238	N/A	255,588
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	4,402	7,525	N/A	11,927
Subtotal Earthworks	**78,752**	**188,763**	**0**	**267,515**
Revegetation Cost	10,269	3,740	13,305	27,314
TOTALS	**2,992,422**	**2,617,884**	**13,305**	**5,623,611**

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

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DocuSign Envelope ID: 1660BDF5-E436-469C-A16B-1BAE50F87648

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,783,304	2,225,517	N/A	5,008,821
Wall Demolition Cost	91,013	86,393	N/A	177,406
Slab Demolition	29,084	113,471	N/A	142,555
Subtotal Demolition	**2,903,401**	**2,425,381**	**0**	**5,328,782**
Cover Placement Cost	74,350	181,238	N/A	255,588
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	4,402	7,525	N/A	11,927
Subtotal Earthworks	**78,752**	**188,763**	**0**	**267,515**
Revegetation Cost	10,269	3,740	13,305	27,314
TOTALS	**2,992,422**	**2,617,884**	**13,305**	**5,623,611**

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 T	156	252	252	13	139	349F	2	62,899	50,319	113,218	592	564	1,156	250	974	1,224	63,741	51,857	115,598
2	**Crane above pocket**	2,805	140,250	930M/20 Ton Crane/Dump T	52	236	236	12	104	349F	2	21,038	16,830	37,868	555	529	1,084	250	974	1,224	21,843	18,333	40,176
3	**Secondary crusher MCC**	1,113	16,695	930M/20 Ton Crane/Dump T	6	148	148	7	41	349F	1	2,504	2,003	4,507	348	332	680	125	487	612	2,977	2,822	5,799
4	**Secondary crushers**	8,040	860,280	930M/20 Ton Crane/Dump T	320	374	374	19	298	349F	5	129,042	103,234	232,276	879	838	1,717	624	2,435	3,059	130,545	106,507	237,052
5	**Screen Bldg**	2,304	198,144	930M/20 Ton Crane/Dump T	74	208	208	10	85	349F	1	29,722	23,777	53,499	489	466	955	125	487	612	30,336	24,730	55,066
6	**Screen MCCs**	720	10,800	930M/20 Ton Crane/Dump T	4	116	116	6	27	349F	1	1,620	1,296	2,916	273	260	533	125	487	612	2,018	2,043	4,061
7	**Crusher Maint**	1,600	27,200	930M/20 Ton Crane/Dump T	10	160	160	8	59	349F	1	4,080	3,264	7,344	376	358	734	125	487	612	4,581	4,109	8,690
8	**Security**	2,600	26,000	930M/20 Ton Crane/Dump T	10	210	210	11	96	349F	2	3,900	3,120	7,020	494	470	964	250	974	1,224	4,644	4,564	9,208
9	**MCC for phase II pumps**	231	2,772	930M/20 Ton Crane/Dump T	1	64	64	3	9	349F	1	416	333	749	150	143	293	125	487	612	691	963	1,654
10	**Laboratory**	10,350	538,200	930M/20 Ton Crane/Dump T	200	438	438	22	383	349F	6	80,730	64,584	145,314	1,029	981	2,010	749	2,922	3,671	82,508	68,487	150,995
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	125	487	612	1,356	1,376	2,732
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	125	487	612	3,941	3,243	7,184
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	125	487	612	485	747	1,232
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	125	487	612	2,825	2,437	5,262
15	**Crusher Maint addition**	1,000	17,000	930M/20 Ton Crane/Dump T	6	130	130	7	37	349F	1	2,550	2,040	4,590	306	291	597	125	487	612	2,981	2,818	5,799
16	**Crusher Maint lean to**	400	5,200	930M/20 Ton Crane/Dump T	2	100	100	5	15	349F	1	780	624	1,404	235	224	459	125	487	612	1,140	1,335	2,475
17	**AGADR 1995**	16,500	858,000	930M/20 Ton Crane/Dump T	319	530	1,590	91	611	349F	10	128,700	102,960	231,660	4,293	4,070	8,363	1,248	4,870	6,118	134,241	111,900	246,141
18	**Pipe access gallery**	600	6,000	930M/20 Ton Crane/Dump T	2	140	420	24	22	349F	1	900	720	1,620	1,134	1,075	2,209	125	487	612	2,159	2,282	4,441
19	**carbon strip & regen**	2,675	120,375	930M/20 Ton Crane/Dump T	45	264	792	45	99	349F	2	18,056	14,445	32,501	2,138	2,028	4,166	250	974	1,224	20,444	17,447	37,891
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	125	487	612	3,365	2,827	6,192
21	**AGADR north**	7,095	312,180	930M/20 Ton Crane/Dump T	116	416	1,248	71	263	349F	4	46,827	37,462	84,289	3,370	3,195	6,565	499	1,948	2,447	50,696	42,605	93,301
22	**AGADR south**	7,560	430,920	930M/20 Ton Crane/Dump T	160	356	1,068	61	280	349F	5	64,638	51,710	116,348	2,884	2,734	5,618	624	2,435	3,059	68,146	56,879	125,025
23	**Etrain**	5,964	316,092	930M/20 Ton Crane/Dump T	118	368	1,104	63	221	349F	4	47,414	37,931	85,345	2,981	2,826	5,807	499	1,948	2,447	50,894	42,705	93,599
24	**MCC fume scrubber**	592	9,472	930M/20 Ton Crane/Dump T	4	106	318	18	22	349F	1	1,421	1,137	2,558	859	814	1,673	125	487	612	2,405	2,438	4,843
25	**enrichment pump station**	1,800	68,400	930M/20 Ton Crane/Dump T	25	180	540	31	67	349F	1	10,260	8,208	18,468	1,458	1,382	2,840	125	487	612	11,843	10,077	21,920
26	**Ph V Preg pump MCC**	484	8,228	930M/20 Ton Crane/Dump T	3	88	264	15	18	349F	1	1,234	987	2,221	713	676	1,389	125	487	612	2,072	2,150	4,222
27	**Ph V Preg enrich MCC**	924	15,708	930M/20 Ton Crane/Dump T	6	128	384	22	34	349F	1	2,356	1,885	4,241	1,037	983	2,020	125	487	612	3,518	3,355	6,873
28	**Ph V Preg enrich LVSC**	200	2,400	930M/20 Ton Crane/Dump T	1	60	180	10	7	349F	1	360	288	648	486	461	947	125	487	612	971	1,236	2,207
29	**Victor maint light vehicle shop**	4,480	53,760	930M/20 Ton Crane/Dump T	20	272	272	14	166	349F	3	8,064	6,451	14,515	639	609	1,248	374	1,461	1,835	9,077	8,521	17,598
30	**truck wash**	3,375	138,375	930M/20 Ton Crane/Dump T	51	240	240	12	125	349F	2	20,756	16,605	37,361	564	538	1,102	250	974	1,224	21,570	18,117	39,687
31	**truck shop**	28,975	1,883,375	930M/20 Ton Crane/Dump T	701	800	800	40	1,073	349F	18	282,506	226,005	508,511	1,880	1,792	3,672	2,246	8,766	11,012	286,632	236,563	523,195
32	**Mill maint warehouse**	11,400	535,800	930M/20 Ton Crane/Dump T	199	514	514	26	422	349F	7	80,370	64,296	144,666	1,208	1,151	2,359	873	3,409	4,282	82,451	68,856	151,307
33	**sump pump**	240	3,120	930M/20 Ton Crane/Dump T	1	62	186	9	9	349F	1	468	374	842	437	417	854	125	487	612	1,030	1,278	2,308
34	**conveyor shed**	1,105	23,205	930M/20 Ton Crane/Dump T	9	196	196	10	41	349F	1	3,481	2,785	6,266	461	439	900	125	487	612	4,067	3,711	7,778
35	**process corridor**	2,625	63,000	930M/20 Ton Crane/Dump T	23	380	1,140	57	97	349F	2	9,450	7,560	17,010	2,679	2,554	5,233	250	974	1,224	12,379	11,088	23,467
36	**Buckley main bldg**	2,400	28,800	930M/20 Ton Crane/Dump T	11	200	200	10	89	349F	1	4,320	3,456	7,776	470	448	918	125	487	612	4,915	4,391	9,306
37	**AGVLF AGADR**	5,964	316,092	930M/20 Ton Crane/Dump T	118	368	1,104	63	221	349F	4	47,414	37,931	85,345	2,981	2,826	5,807	499	1,948	2,447	50,894	42,705	93,599
38	**MCC & fume scrubber**	592	9,472	930M/20 Ton Crane/Dump T	4	106	318	18	22	349F	1	1,421	1,137	2,558	859	814	1,673	125	487	612	2,405	2,438	4,843
39	**VLF2 enrichment pump station**	3,240	64,800	930M/20 Ton Crane/Dump T	24	228	684	39	120	349F	2	9,720	7,776	17,496	1,847	1,751	3,598	250	974	1,224	11,817	10,501	22,318
40	**VLF2 enrichment pump station**	885	7,080	930M/20 Ton Crane/Dump T	3	148	444	25	33	349F	1	1,062	850	1,912	1,199	1,137	2,336	125	487	612	2,386	2,474	4,860
41	**Ph V Preg pump MCC**	484	8,228	930M/20 Ton Crane/Dump T	3	88	264	15	18	349F	1	1,234	987	2,221	713	676	1,389	125	487	612	2,072	2,150	4,222
42	**Ph V Preg enrich MCC**	924	15,708	930M/20 Ton Crane/Dump T	6	128	384	22	34	349F	1	2,356	1,885	4,241	1,037	983	2,020	125	487	612	3,518	3,355	6,873
43	**Ph V Preg enrich LVSC**	200	2,400	930M/20 Ton Crane/Dump T	1	60	180	10	7	349F	1	360	288	648	486	461	947	125	487	612	971	1,236	2,207
44	**Squaw MCC**	1,620	19,440	930M/20 Ton Crane/Dump T	7	174	522	30	60	349F	1	2,916	2,333	5,249	1,409	1,336	2,745	125	487	612	4,450	4,156	8,606
45	**warehouse**	8,320	266,240	930M/20 Ton Crane/Dump T	99	368	1,104	63	308	349F	5	39,936	31,949	71,885	2,981	2,826	5,807	624	2,435	3,059	43,541	37,210	80,751
46	**LVSC pump**	1,510	18,120	930M/20 Ton Crane/Dump T	7	322	966	55	56	349F	1	2,718	2,174	4,892	2,608	2,473	5,081	125	487	612	5,451	5,134	10,585
47	**SGADR**	33,000	2,046,000	930M/20 Ton Crane/Dump T	761	730	2,190	125	1,222	349F	20	306,900	245,520	552,420	5,913	5,606	11,519	2,495	9,740	12,235	315,308	260,866	576,174
48	**SGADR utility**	1,800	30,600	930M/20 Ton Crane/Dump T	11	180	540	31	67	349F	1	4,590	3,672	8,262	1,458	1,382	2,840	125	487	612	6,173	5,541	11,714
49	**security**	2,860	28,600	930M/20 Ton Crane/Dump T	11	326	978	56	106	349F	2	4,290	3,432	7,722	2,641	2,504	5,145	250	974	1,224	7,181	6,910	14,091
50	**modular office 1**	3,960	39,600	930M/20 Ton Crane/Dump T	15	252	756	43	73	349F	1	5,940	4,752	10,692	2,041	1,935	3,976	125	487	612	8,106	7,174	15,280
51	**modular office 2**	3,960	39,600	930M/20 Ton Crane/Dump T	15	252	756	43	73	349F	1	5,940	4,752	10,692	2,041	1,935	3,976	125	487	612	8,106	7,174	15,280
52	**modular office 3**	792	7,920	930M/20 Ton Crane/Dump T	3	156	468	27	15	349F	1	1,188	950	2,138	1,264	1,198	2,462	125	487	612	2,577	2,635	5,212
53	**substation**	10,700	160,500	930M/20 Ton Crane/Dump T	60	414	1,242	71	396	349F	7	24,075	19,260	43,335	3,353	3,180	6,533	873	3,409	4,282	28,301	25,849	54,150
54	**auxiliary A**	1,320	13,200	930M/20 Ton Crane/Dump T	5	172	516	29	49	349F	1	1,980	1,584	3,564	1,393	1,321	2,714	125	487	612	3,498	3,392	6,890
55	**auxiliary B**	400	4,000	930M/20 Ton Crane/Dump T	1	80	240	14	15	349F	1	600	480	1,080	648	614	1,262	125	487	612	1,373	1,581	2,954
56	**auxiliary C**	920	9,200	930M/20 Ton Crane/Dump T	3	132	396	23	34	349F	1	1,380	1,104	2,484	1,069	1,014	2,083	125	487	612	2,574	2,605	5,179
57	**High grade mill**	87,000	7,482,000	930M/20 Ton Crane/Dump T	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	6,738	26,298	33,036	1,139,325	933,892	2,073,217
58	**offices**	7,680	76,800	930M/20 Ton Crane/Dump T	29	352	352	18	284	349F	5	11,520	9,216	20,736	827	788	1,615	624	2,435	3,059	12,971	12,439	25,410
59	**Buckley garage**	7,600	136,800	930M/20 Ton Crane/Dump T	51	352	352	18	281	349F	5	20,520	16,416	36,936	827	788	1,615	624	2,435	3,059	21,971	19,639	41,610
60	**Ironclad office**	4,800	62,400	930M/20 Ton Crane/Dump T	23	296	296	15	178	349F	3	9,360	7,488	16,848	696	663	1,359	374	1,461	1,835	10,430	9,612	20,042
61	**maint annex**	1,875	121,875	930M/20 Ton Crane/Dump T	45	200	200	10	69	349F	1	18,281	14,625	32,906	470	448	918	125	487	612	18,876	15,560	34,436
62	**lab addition**	450	4,500	930M/20 Ton Crane/Dump T	2	90	90	5	17	349F	1	675	540	1,215	212	202	414	125	487	612	1,012	1,229	2,241
63	**ROM Silo**	81	972	930M/20 Ton Crane/Dump T	0	36	36	3	3	349F	1	146	117	263	136	129	265	125	487	612	407	733	1,140
64	**Converor Support**	24	216	930M/20 Ton Crane/Dump T	0	20	180	14	1	349F	1	35	28	63	679	646	1,325	125	487	612	839	1,161	2,000
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	125	487	612	3,235	2,733	5,968
66	**Mobile Maintenaince shop**	5,000	90,000	930M/20 Ton Crane/Dump T	33	300	300	15	185	349F	3	13,500	10,800	24,300	705	672	1,377	374	1,461	1,835	14,579	12,933	27,512
67	**Lube bay and washbay**	4,000	72,000	930M/20 Ton Crane/Dump T	27	260	260	13	148	349F	2	10,800	8,640	19,440	611	582	1,193	250	974	1,224	11,661	10,196	21,857
68	**Lube bay and washbay apron**	4,960	4,960	930M/20 Ton Crane/Dump T	2	328	328	16	184	349F	3	744	595	1,339	771	735	1,506	374	1,461	1,835	1,889	2,791	4,680
69	**Compressor Housing**	2,025	24,300	930M/20 Ton Crane/Dump T	9	180	180	9	38	349F	1	3,645	2,916	6,561	423	403	826	125	487	612	4,193	3,806	7,999
70	**Substation**	10,800	129,600	930M/20 Ton Crane/Dump T	48	430	430	22	200	349F	3	19,440	15,552	34,992	1,011	963	1,974	374	1,461	1,835	20,825	17,976	38,801
71	**Mag Chloride tank 1**	111	2,220	930M/20 Ton Crane/Dump T	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 T	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 T	1	49	0	0	0		0	333	266	599	0	0	0	0	0	0	333	266	599
			18,539,282						12,837		233	**2,783,304**	**2,225,517**	**5,008,821**	**91,013**	**86,393**	**177,406**	**29,084**	**113,471**	**142,555**	**2,903,401**	**2,425,381**	**5,328,782**

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Closure Cost Estimate
Foundations & Buildings

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,783,304	2,225,517	N/A	5,008,821
Wall Demolition Cost	91,013	86,393	N/A	177,406
Slab Demolition	29,084	113,471	N/A	142,555
Subtotal Demolition	**2,903,401**	**2,425,381**	**0**	**5,328,782**
Cover Placement Cost	74,350	181,238	N/A	255,588
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	4,402	7,525	N/A	11,927
Subtotal Earthworks	**78,752**	**188,763**	**0**	**267,515**
Revegetation Cost	10,269	3,740	13,305	27,314
TOTALS	**2,992,422**	**2,617,884**	**13,305**	**5,623,611**

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	810	1,984	2,794						0	0	0	0	810	1,984	2,794
2	**Crane above pocket**	519	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
3	**Secondary crusher MCC**	206	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
4	**Secondary crushers**	1,489	725C2/966M/D7E	14.49	7	407	4	1,807	4,487	6,294						0	0	0	0	1,807	4,487	6,294
5	**Screen Bldg**	427	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
6	**Screen MCCs**	133	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
7	**Crusher Maint**	296	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
8	**Security**	481	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
9	**MCC for phase II pumps**	43	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
10	**Laboratory**	1,917	725C2/966M/D7E	9.05	4	375	5	1,558	3,663	5,221						0	0	0	0	1,558	3,663	5,221
11	**Project mgr trailer**	127	725C2/966M/D7E	26.95	14	442	1	779	2,030	2,809						0	0	0	0	779	2,030	2,809
12	**Project trailer**	393	725C2/966M/D7E	15.65	8	432	1	498	1,252	1,750						0	0	0	0	498	1,252	1,750
13	**Fire trailer**	37	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
14	**Process maint trailer**	278	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
15	**Crusher Maint addition**	185	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
16	**Crusher Maint lean to**	74	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
17	**AGADR 1995**	3,056	725C2/966M/D7E	14.49	7	407	8	3,614	8,974	12,588						0	0	0	0	3,614	8,974	12,588
18	**Pipe access gallery**	111	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
19	**carbon strip & regen**	495	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
20	**Process maint trailer**	278	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
21	**AGADR north**	1,314	725C2/966M/D7E	14.49	7	407	3	1,355	3,365	4,720						0	0	0	0	1,355	3,365	4,720
22	**AGADR south**	1,400	725C2/966M/D7E	14.49	7	407	3	1,355	3,365	4,720						0	0	0	0	1,355	3,365	4,720
23	**Etrain**	1,104	725C2/966M/D7E	14.49	7	407	3	1,355	3,365	4,720						0	0	0	0	1,355	3,365	4,720
24	**MCC fume scrubber**	110	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
25	**enrichment pump station**	333	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
26	**Ph V Preg pump MCC**	90	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
27	**Ph V Preg enrich MCC**	171	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
28	**Ph V Preg enrich LVSC**	37	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
29	**Victor maint light vehicle shop**	830	725C2/966M/D7E	9.05	4	375	2	623	1,465	2,088						0	0	0	0	623	1,465	2,088
30	**truck wash**	625	725C2/966M/D7E	12.68	6	398	2	810	1,984	2,794						0	0	0	0	810	1,984	2,794
31	**truck shop**	5,366	725C2/966M/D7E	9.05	4	375	14	4,363	10,257	14,620						0	0	0	0	4,363	10,257	14,620
32	**Mill maint warehouse**	2,111	725C2/966M/D7E	9.05	4	375	6	1,870	4,396	6,266						0	0	0	0	1,870	4,396	6,266
33	**sump pump**	44	725C2/966M/D7E	12.68	6	398	1	405	992	1,397						0	0	0	0	405	992	1,397
34	**conveyor shed**	205	725C2/966M/D7E	12.68	6	398	1	405	992	1,397						0	0	0	0	405	992	1,397
35	**process corridor**	486	725C2/966M/D7E	12.68	6	398	1	405	992	1,397						0	0	0	0	405	992	1,397
36	**Buckley main bldg**	444	725C2/966M/D7E	12.68	6	398	1	405	992	1,397						0	0	0	0	405	992	1,397
37	**AGVLF AGADR**	1,104	725C2/966M/D7E	12.68	6	398	3	1,215	2,976	4,191						0	0	0	0	1,215	2,976	4,191
38	**MCC & fume scrubber**	110	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
39	**VLF2 enrichment pump station**	600	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
40	**VLF2 enrichment pump station**	164	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
41	**Ph V Preg pump MCC**	90	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
42	**Ph V Preg enrich MCC**	171	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
43	**Ph V Preg enrich LVSC**	37	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
44	**Squaw MCC**	300	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
45	**warehouse**	1,541	725C2/966M/D7E	14.49	7	407	4	1,807	4,487	6,294						0	0	0	0	1,807	4,487	6,294
46	**LVSC pump**	280	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
47	**SGADR**	6,111	725C2/966M/D7E	14.49	7	407	15	6,776	16,827	23,603						0	0	0	0	6,776	16,827	23,603
48	**SGADR utility**	333	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
49	**security**	530	725C2/966M/D7E	14.49	7	407	1	452	1,122	1,574						0	0	0	0	452	1,122	1,574
50	**modular office 1**	733	725C2/966M/D7E	14.49	7	407	2	903	2,244	3,147						0	0	0	0	903	2,244	3,147
51	**modular office 2**	733	725C2/966M/D7E	14.49	7	407	2	903	2,244	3,147						0	0	0	0	903	2,244	3,147
52	**modular office 3**	147	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
53	**substation**	1,981	725C2/966M/D7E	9.05	4	375	5	1,558	3,663	5,221						0	0	0	0	1,558	3,663	5,221
54	**auxiliary A**	244	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
55	**auxiliary B**	74	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
56	**auxiliary C**	170	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
57	**High grade mill**	16,111	725C2/966M/D7E	9.05	4	375	43	13,399	31,503	44,902						0	0	0	0	13,399	31,503	44,902
58	**offices**	1,422	725C2/966M/D7E	14.49	7	407	3	1,355	3,365	4,720						0	0	0	0	1,355	3,365	4,720
59	**Buckley garage**	1,407	725C2/966M/D7E	14.49	7	407	3	1,355	3,365	4,720						0	0	0	0	1,355	3,365	4,720
60	**Ironclad office**	889	725C2/966M/D7E	9.05	4	375	2	623	1,465	2,088						0	0	0	0	623	1,465	2,088
61	**maint annex**	347	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
62	**lab addition**	83	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
63	**ROM Silo**	15	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
64	**Converor Support**	4	725C2/966M/D7E	9.05	4	375	1	312	733	1,045						0	0	0	0	312	733	1,045
65	**Newmont double wide**	267	725C2/966M/D7E	19.86	10	423	1	592	1,511	2,103						0	0	0	0	592	1,511	2,103
66	**Mobile Maintenaince shop**	926	725C2/966M/D7E	19.86	10	423	2	1,184	3,022	4,206						0	0	0	0	1,184	3,022	4,206
67	**Lube bay and washbay**	741	725C2/966M/D7E	19.86	10	423	2	1,184	3,022	4,206						0	0	0	0	1,184	3,022	4,206
68	**Lube bay and washbay apron**	919	725C2/966M/D7E	19.86	10	423	2	1,184	3,022	4,206						0	0	0	0	1,184	3,022	4,206
69	**Compressor Housing**	375	725C2/966M/D7E	19.86	10	423	1	592	1,511	2,103						0	0	0	0	592	1,511	2,103
70	**Substation**	2,000	725C2/966M/D7E	19.86	10	423	5	2,959	7,555	10,514						0	0	0	0	2,959	7,555	10,514
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
		66,867					190	**74,350**	**181,238**	**255,588**	0					0	**0**	**0**	**0**	**74,350**	**181,238**	**255,588**

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Buildings & Foundation Demolition - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Building Demolition Cost	2,783,304	2,225,517	N/A	5,008,821
Wall Demolition Cost	91,013	86,393	N/A	177,406
Slab Demolition	29,084	113,471	N/A	142,555
Subtotal Demolition	**2,903,401**	**2,425,381**	**0**	**5,328,782**
Cover Placement Cost	74,350	181,238	N/A	255,588
Growth Media Placement Cost	0	0	N/A	0
Ripping/Scarifying Cost	4,402	7,525	N/A	11,927
Subtotal Earthworks	**78,752**	**188,763**	**0**	**267,515**
Revegetation Cost	10,269	3,740	13,305	27,314
TOTALS	**2,992,422**	**2,617,884**	**13,305**	**5,623,611**

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	62	106	168	146	53	120	319	208	159	120	487
2	**Crane above pocket**	0.10	85	D7E	1	62	106	168	146	53	120	319	208	159	120	487
3	**Secondary crusher MCC**	0.10	53	D7E	1	62	106	168	146	53	120	319	208	159	120	487
4	**Secondary crushers**	0.20	120	D7E	1	62	106	168	146	53	240	439	208	159	240	607
5	**Screen Bldg**	0.10	72	D7E	1	62	106	168	146	53	120	319	208	159	120	487
6	**Screen MCCs**	0.10	40	D7E	1	62	106	168	146	53	120	319	208	159	120	487
7	**Crusher Maint**	0.10	40	D7E	1	62	106	168	146	53	120	319	208	159	120	487
8	**Security**	0.10	65	D7E	1	62	106	168	146	53	120	319	208	159	120	487
9	**MCC for phase II pumps**	0.10	21	D7E	1	62	106	168	146	53	120	319	208	159	120	487
10	**Laboratory**	0.20	150	D7E	1	62	106	168	146	53	240	439	208	159	240	607
11	**Project mgr trailer**	0.10	57	D7E	1	62	106	168	146	53	120	319	208	159	120	487
12	**Project trailer**	0.10	53	D7E	1	62	106	168	146	53	120	319	208	159	120	487
13	**Fire trailer**	0.10	20	D7E	1	62	106	168	146	53	120	319	208	159	120	487
14	**Process maint trailer**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
15	**Crusher Maint addition**	0.10	40	D7E	1	62	106	168	146	53	120	319	208	159	120	487
16	**Crusher Maint lean to**	0.10	40	D7E	1	62	106	168	146	53	120	319	208	159	120	487
17	**AGADR 1995**	0.40	165	D7E	1	62	106	168	146	53	478	677	208	159	478	845
18	**Pipe access gallery**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
19	**carbon strip & regen**	0.10	107	D7E	1	62	106	168	146	53	120	319	208	159	120	487
20	**Process maint trailer**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
21	**AGADR north**	0.20	165	D7E	1	62	106	168	146	53	240	439	208	159	240	607
22	**AGADR south**	0.20	108	D7E	1	62	106	168	146	53	240	439	208	159	240	607
23	**Etrain**	0.10	142	D7E	1	62	106	168	146	53	120	319	208	159	120	487
24	**MCC fume scrubber**	0.10	37	D7E	1	62	106	168	146	53	120	319	208	159	120	487
25	**enrichment pump station**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
26	**Ph V Preg pump MCC**	0.10	22	D7E	1	62	106	168	146	53	120	319	208	159	120	487
27	**Ph V Preg enrich MCC**	0.10	42	D7E	1	62	106	168	146	53	120	319	208	159	120	487
28	**Ph V Preg enrich LVSC**	0.10	20	D7E	1	62	106	168	146	53	120	319	208	159	120	487
29	**Victor maint light vehicle shop**	0.10	80	D7E	1	62	106	168	146	53	120	319	208	159	120	487
30	**truck wash**	0.10	75	D7E	1	62	106	168	146	53	120	319	208	159	120	487
31	**truck shop**	0.70	305	D7E	1	62	106	168	146	53	837	1,036	208	159	837	1,204
32	**Mill maint warehouse**	0.30	200	D7E	1	62	106	168	146	53	359	558	208	159	359	726
33	**sump pump**	0.10	16	D7E	1	62	106	168	146	53	120	319	208	159	120	487
34	**conveyor shed**	0.10	85	D7E	1	62	106	168	146	53	120	319	208	159	120	487
35	**process corridor**	0.10	175	D7E	1	62	106	168	146	53	120	319	208	159	120	487
36	**Buckley main bldg**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
37	**AGVLF AGADR**	0.10	142	D7E	1	62	106	168	146	53	120	319	208	159	120	487
38	**MCC & fume scrubber**	0.10	37	D7E	1	62	106	168	146	53	120	319	208	159	120	487
39	**VLF2 enrichment pump station**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
40	**VLF2 enrichment pump station**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
41	**Ph V Preg pump MCC**	0.10	22	D7E	1	62	106	168	146	53	120	319	208	159	120	487
42	**Ph V Preg enrich MCC**	0.10	42	D7E	1	62	106	168	146	53	120	319	208	159	120	487
43	**Ph V Preg enrich LVSC**	0.10	20	D7E	1	62	106	168	146	53	120	319	208	159	120	487
44	**Squaw MCC**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
45	**warehouse**	0.20	104	D7E	1	62	106	168	146	53	240	439	208	159	240	607
46	**LVSC pump**	0.10	151	D7E	1	62	106	168	146	53	120	319	208	159	120	487
47	**SGADR**	0.80	200	D7E	1	62	106	168	146	53	956	1,155	208	159	956	1,323
48	**SGADR utility**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
49	**security**	0.10	143	D7E	1	62	106	168	146	53	120	319	208	159	120	487
50	**modular office 1**	0.10	66	D7E	1	62	106	168	146	53	120	319	208	159	120	487
51	**modular office 2**	0.10	66	D7E	1	62	106	168	146	53	120	319	208	159	120	487
52	**modular office 3**	0.10	66	D7E	1	62	106	168	146	53	120	319	208	159	120	487
53	**substation**	0.20	107	D7E	1	62	106	168	146	53	240	439	208	159	240	607
54	**auxiliary A**	0.10	66	D7E	1	62	106	168	146	53	120	319	208	159	120	487
55	**auxiliary B**	0.10	20	D7E	1	62	106	168	146	53	120	319	208	159	120	487
56	**auxiliary C**	0.10	46	D7E	1	62	106	168	146	53	120	319	208	159	120	487
57	**High grade mill**	1.50	335	D7E	2	124	211	335	218	80	1,795	2,093	342	291	1,795	2,428
58	**offices**	0.20	96	D7E	1	62	106	168	146	53	240	439	208	159	240	607
59	**Buckley garage**	0.20	100	D7E	1	62	106	168	146	53	240	439	208	159	240	607
60	**Ironclad office**	0.10	100	D7E	1	62	106	168	146	53	120	319	208	159	120	487
61	**maint annex**	0.10	75	D7E	1	62	106	168	146	53	120	319	208	159	120	487
62	**lab addition**	0.10	30	D7E	1	62	106	168	146	53	120	319	208	159	120	487
63	**ROM Silo**	0.10	12	D7E	1	62	106	168	146	53	120	319	208	159	120	487
64	**Converor Support**	0.10	12	D7E	1	62	106	168	146	53	120	319	208	159	120	487
65	**Newmont double wide**	0.10	60	D7E	1	62	106	168	146	53	120	319	208	159	120	487
66	**Mobile Maintenaince shop**	0.10	100	D7E	1	62	106	168	146	53	120	319	208	159	120	487
67	**Lube bay and washbay**	0.10	80	D7E	1	62	106	168	146	53	120	319	208	159	120	487
68	**Lube bay and washbay apron**	0.10	124	D7E	1	62	106	168	146	53	120	319	208	159	120	487
69	**Compressor Housing**	0.10	45	D7E	1	62	106	168	146	53	120	319	208	159	120	487
70	**Substation**	0.20	135	D7E	1	62	106	168	146	53	240	439	208	159	240	607
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
		11.40			71	**4,402**	**7,525**	**11,927**	**10,269**	**3,740**	**13,305**	**27,314**	**14,671**	**11,265**	**13,305**	**39,241**

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Closure Cost Estimate
Other Demo & Equip Removal

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Other Demolition 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	unit			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.	$0.23	0.18		36,975	29,932	0	66,907
51	8 CoMag clarifier		2009	Facilities Demolition				ARO+LOM+FA	88514	C.F.	$0.23	0.18		20,075	16,251	0	36,326
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.	$0.23	0.18		8,755	7,088	0	15,843
56	gravity thickener		2009	Facilities Demolition				ARO+LOM+FA	51051	C.F.	$0.23	0.18		11,578	9,373	0	20,951
														179,491	144,329	113,506	437,326

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

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Closure Cost Estimate
Well Abandonment

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Well Abandonment - ARO Cost Summary

	Labor $	Equipment $	Materials $	Totals $
Production, Dewatering, Infiltration Wells	0	0	0	0
Monitoring Wells	36,835	60,460	2,919	100,214
TOTALS	**36,835**	**60,460**	**2,919**	**100,214**

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	36,835	60,460	2,919	0	0	100,214
																				36,835	**60,460**	**2,919**	**0**	**0**	**100,214**

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:

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Closure Cost Estimate
Waste Disposal

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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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Closure Cost Estimate
Waste Disposal

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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**

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Closure Cost Estimate
Misc. Costs

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	9,143	3,416	12,559
2	Squaw fence removal		2009	Facilities Demolition				ARO+LOM+FA	8,835	Chain link 8 ft -10 ft Removal	23,413	8,747	32,160
											32,556	**12,163**	**44,719**

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	190,029	31,108	882,294	1,103,431
2	Globe Hill Fencing		2009	Facilities Demolition				ARO+LOM+FA	16,764	Chain link 8 ft -10 ft Install	141,321	23,134	656,143	820,598
											331,350	**54,242**	**1,538,437**	**1,924,029**

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	787	294	1,081
2	Ironclad Access Road Culvert 2		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	787	294	1,081
3	Ironclad Access Road Culvert 3		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	787	294	1,081
4	Ironclad Access Road Culvert 4		2021	Roads, Railroads, Airstrips				ARO+LOM+FA	80	24 in (600 mm) Diameter	On site	787	294	1,081
												3,148	**1,176**	**4,324**

Notes:

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Closure Cost Estimate
Misc. Costs

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Surface Pipe Removal

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phases	Locations	Properties	Cost Type	Input: Length ft	Input: Type (select type)	Input: Location (select)	Costs: Labor Cost $	Costs: Equipment Cost $	Costs: Total Cost $
1	Arequa Large Pipes		2009	Facilities Demolition				ARO+LOM+FA	6,900	20 in (500 mm) - 36 in (1 m)	Off site	67,068	8,556	75,624
2	Arequa Small Pipes		2009	Facilities Demolition				ARO+LOM+FA	21,200	20 in (500 mm) - 36 in (1 m)	Off site	206,064	26,288	232,352
3	Squaw Large Pipes		2009	Facilities Demolition				ARO+LOM+FA	4,082	20 in (500 mm) - 36 in (1 m)	Off site	39,677	5,062	44,739
4	Squaw Small Pipes		2009	Facilities Demolition				ARO+LOM+FA	12,422	20 in (500 mm) - 36 in (1 m)	Off site	120,742	15,403	136,145
5	TR76 barren pipe		2009	Facilities Demolition				ARO+LOM+FA	300	20 in (500 mm) - 36 in (1 m)	Off site	2,916	372	3,288
												436,467	55,681	492,148

Notes:

Power Line and Substation Removal

	Description (required)	ID Code	Construction Year	Facility/Activity Type	Phase	Location	Property	Cost Type	Input: Power Line Length miles	Input: Power Line Type (select)	Input: Number of Substations #	Input: Location (select)	Costs: Power Line Removal $	Costs: Substation Removal $	Costs: Total Cost $	Cost Breakdown: Labor Cost $	Cost Breakdown: 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

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

Notes:

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Closure Cost Estimate
Monitoring

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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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Closure Cost Estimate
Recl. Maint

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

Reclamation Maintenance - Cost Summary

	Labor	Equipment	Lab & Materials	Totals
Revegetation Maintenance	64,945	23,653	195,179	283,777
Cover Maintenance	0	0	N/A	0
Growth Media Maintenance	20,454	61,361	N/A	81,815
TOTAL	**85,399**	**85,014**	**195,179**	**365,592**

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**	445.9	437.75	145.66	53.05	64,945	23,653	195,179	283,777
															Total Revegetation Matinenance	**64,945**	**23,653**	**195,179**	**283,777**

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:	66,703	3.81

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:	2,337,545	1.75

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%**		46,751	0.44	1.31	20,454	61,361	81,815
														Total Growth Media Maintenance	**20,454**	**61,361**	**81,815**

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

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Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	841,958	1,970,842	N/A	2,812,800
Water Fees	N/A	N/A	0	0
TOTAL	**3,576,192**	**2,695,796**	**0**	**6,271,988**

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 (6,000 gal)/14M	7,680	841,958	1,970,842	2,812,800
																	841,958	**1,970,842**	**2,812,800**

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

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Closure Cost Estimate
Other User

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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			1,077.16	42.88		99,348	
4	Tree planting; WHEX Grassy Valley		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0			1,077.16	42.88		0	
5	Tree planting; N Cresson		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	23			1,077.16	42.88		25,761	
6	Tree planting; Main Cresson		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	59			1,077.16	42.88		66,082	
7	Tree planting; E Cresson OSA		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	229			1,077.16	42.88		256,489	
8	Tree planting; Squaw OSA		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	42			1,077.16	42.88		46,930	
9	Tree planting; Arequa		2009	Heap Leach Pads Reclamation				ARO+LOM+FA	115			1,077.16	42.88		128,805	
10	Tree planting; Squaw		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	85			1,077.16	42.88		95,204	
11	Tree planting; mill platform		2009	Facilities Demolition				ARO+LOM+FA	35			1,077.16	42.88		39,201	
12	Tree planting; 3 4 Ajax		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	0			1,077.16	42.88		0	
13	Tree planting;Victor & Ironclad		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	42			1,077.16	42.88		46,930	
14	Tree planting; Building footprint		2009	Facilities Demolition				ARO+LOM+FA	87			1,077.16	42.88		97,556	
15	Tree planting; Ancillary		2009	Dumps , Stockpiles, Landfills				ARO+LOM+FA	850			1,077.16	42.88		952,147	
16	Tree planting; replant areas that fail		2009	Monitoring				ARO+LOM+FA	327			1,077.16	42.88		366,366	
17	North Cresson Viewshed		2009	Owner's Management (Post Closure)				ARO+LOM+FA	1		1,494,461				1,494,461	
18	mob & demob		2009	Mobilization and Demobilization				ARO+LOM+FA	1			479,876.29			479,876	
19	Construct Closure Stormwater		2009	Drainage / Diversion Channels				ARO+LOM+FA	1		16,762,892				16,762,892	
20	Heaps: Rinsing VLF1 and VLF2		2009	Water Treatment-Leach Pad Drain Down				ARO+LOM+FA	1			53,232,933.60	31,314,895.11	2,218,122.17	86,765,951	
21	Drilling to perforate liner		2009	Water Treatment-Leach Pad Drain Down				ARO+LOM+FA	1		536,822				536,822	
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		98,063				98,063	
24	Providence Mine		2009	Portals / Adits Underground Mines				ARO+LOM+FA	1		0				0	
											18,892,238	55,921,203	31,404,677	2,218,122	108,436,241	

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

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Closure Cost Estimate
Reclamation Quantities

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	11,939,245	10,179,258			-	0	1,354,516	2,270,208	1,679.31	403,748	2,341,873			15,195,087	0.85	N/A	N/A		1.68	240.42	1,394.54	N/A	9,048.41
2	Tailings Impoundments	-	0			-	0	-	0	-	0	0			0		N/A	N/A					N/A	
3	Heap Leach Pads	5,667,906	2,216,941	-	0	-	0	973,634	1,796,517	1,206.98	201,228	1,683,185			5,897,871	0.39		N/A		1.85	166.72	1,394.54	N/A	4,886.47
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	419,416			9,395	23,550	11.60		16,337	374	84,416	543,719	N/A	2.52	N/A	N/A	2.51	N/A	1,408.34	225.71	46,872.30
8	Yards	-	0			-	0	-	0	1,549.80	258,314	2,161,257			2,419,571		N/A	N/A			166.68	1,394.54	N/A	1,561.21
9	Landfills	-	0			-	0	-	0	-	0	0			0		N/A	N/A					N/A	
10	Generic Haulage/Backfill	24,883,444	29,866,518			-	0	-	0	-	0	0			29,866,518	N/A	N/A	1.20						
11	Buildings	-	0			66,703	254,014	-	0	11.00	11,759	26,995			292,768		N/A	N/A	3.81		1,069.00	2,454.12		26,615.30
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	42,490,595	42,262,717	166,414	419,416	66,703	254,014	2,337,545	4,090,275	4,458.69	875,049	6,229,647	374	84,416	54,215,534			N/A	N/A	N/A	N/A	N/A		
	Average Costs	per CY	0.99	per CY	2.52	per CY	3.81	per CY	1.75	per acre	196.26	7.12	per CY	225.71	12,160	per acre								

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Closure Cost Estimate
Labor Rates

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	BP23 - CC&V - US (2022)	BP 23 adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03, Diesel:2.58/gal.
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	%	$/hr	Total $/hr
Equipment Operators (2)													
Bulldozers													
D6T		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
D6R w/ Winch		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
D7E		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
D8T		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
D9T		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
D10T2		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
D11T		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
Wheeled Dozers													
824K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
834K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
844K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
854K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
Motor Graders													
12M2		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
14M		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
16M3		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
24M		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
Track Excavators													
312F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
320F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
325F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
330F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
349F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
374F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
390F		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
Scrapers													
631K		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
637K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
Wheeled Loaders													
926M		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
930M		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
950M		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
966M		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
972M		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
980M		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
988K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
990K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
992K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
994K		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
L2350		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
Shovels/Excavators													
PC2000					15.00							0	0.00
PC3000					15.00							0	0.00
PC4000					15.00							0	0.00
PC5500					15.00							0	0.00
PC8000					15.00							0	0.00
EX2500					15.00							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)													

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Closure Cost Estimate
Labor Rates

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	BP23 - CC&V - US (2022)	BP 23 adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03, Diesel:2.58/gal.
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	15.00	3.21	1.26	3.15	0.00			0	62.92
430F2		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
CS54B		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
CS64B		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
CP54B		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
CP68B		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
Light Truck - 1.5 Ton		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
Supervisor's Truck		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
Flatbed Truck		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
Air Compressor + tools		37.25	0.00	37.25	15.00	2.96	1.16	2.91	0.00			0	59.29
Welding Equipment		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
Heavy Duty Drill Rig		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
Pump (plugging) Drill Rig		39.41	0.00	39.41	15.00	3.14	1.23	3.08	0.00			0	61.85
Concrete Pump					15.00							0	
Gas Engine Vibrator		38.79	0.00	38.79	15.00	3.09	1.21	3.03	0.00			0	61.11
Generator 5KW					15.00							0	
HDEP Welder (pipe or liner)					15.00							0	
5 Ton Crane		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
20 Ton Crane		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
50 Ton Crane		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92
120 Ton Crane		40.31	0.00	40.31	15.00	3.21	1.26	3.15	0.00			0	62.92

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	7.37	2.63	1.03	2.58	0.00			0	46.71
730C2		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
735C		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
740C		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
770G		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
773G		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
777G		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
785D		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
789D		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
793F		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
797F		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
613E (5,000 gal)		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
621E (8,000 gal)		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
777G H2O Truck		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
785D H2O Truck		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
Dump Truck (10-12 yd3)		33.09	0.00	33.09	7.37	2.63	1.03	2.58	0.00			0	46.71
Tractor/Trailer (20 ton)		0.00		0.00	7.37	0.00	0.00	0.00	0.00			0	7.37
Tractor/Trailer (50 ton)		0.00		0.00	7.37	0.00	0.00	0.00	0.00			0	7.37
Tractor/Trailer (80 ton)		0.00		0.00	7.37	0.00	0.00	0.00	0.00			0	7.37

NOTES:

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

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Closure Cost Estimate
Labor Rates

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	BP23 - CC&V - US (2022)	BP 23 adjusted for escalation, Labor: 1.03, Equipment: 1.03, Tires: 1.03, Reclamation Materials: 1.03, Misc. Costs: 1.03, Diesel:2.58/gal.
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)	

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Closure Cost Estimate
Equipment Costs

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_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	14,232.00	88.95	40.77	129.72
730C2	14,232.00	88.95	41.68	130.63
735C	14,232.00	88.95	54.72	143.67
740C	14,232.00	88.95	58.20	147.15
770G	16,968.00	106.05	30.74	136.79
773G	19,097.00	119.36	46.69	166.04
777G	22,092.00	138.08	71.25	209.32
785D	24,001.00	150.01	110.07	260.08
789D	27,501.00	171.88	110.07	281.95
793F	29,652.00	185.33	170.28	355.61
797F	71,517.00	446.98	234.85	681.83
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	22,092.00	138.08	71.25	209.32
785D H2O Truck	24,001.00	150.01	110.07	260.08
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
Drilling Equipment Source:	
Other Equipment Source:	
Note:	Drill rig includes support (pipe) truck

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Closure Cost Estimate
Equipment Costs

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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

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Closure Cost Estimate
Equipment Costs

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
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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:	

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Closure Cost Estimate
Material Costs

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File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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			**$1,077.16**
	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%		

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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%		

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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.	
	ea.	
BP22+3%		
BP22+3%		
BP22+3%		

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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	0.107	
Diesel= $USD 2.58/Gal, As per BP23 Economomic Guidance for CC&V distributed in July 2022 (Economic Gui			
BP22+3%			
BP22+3%			
A Munt email 14th July 2017			

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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	198.71
Heap Leach	**Mechanical Broadcast**	145.66	53.05	198.71
Tailings	**Hand Broadcast**	145.66	53.05	198.70
Quarries & Borrow Pits	**Mechanical Broadcast**	145.66	53.05	198.71
Flat Areas and Undifferentiated				
Disturbance Type	**Seed Application Method**	**Labor** $/acres	**Equipment** $/acres	**Total** $/acres
Exploration Trenches	**Mechanical Broadcast**	145.66	53.05	198.71
Exploration Roads	**Mechanical Broadcast**	145.66	53.05	198.71
Waste Rock Dumps	**Mechanical Broadcast**	145.66	53.05	198.71
Heap Leach	**Mechanical Broadcast**	145.66	53.05	198.71
Tailings	**Mechanical Broadcast**	145.66	53.05	198.71
Quarries & Borrow Pits	**Mechanical Broadcast**	145.66	53.05	198.71
Roads	**Mechanical Broadcast**	145.66	53.05	198.71
Pits	**Mechanical Broadcast**	145.66	53.05	198.71
Haul Material	**Mechanical Broadcast**	145.66	53.05	198.71
Foundations & Buildings	**Mechanical Broadcast**	145.66	53.05	198.71
Sediment & Drainge Control	**Mechanical Broadcast**	145.66	53.05	198.71
Process Ponds	**Mechanical Broadcast**	145.66	53.05	198.71
Landfills	**Mechanical Broadcast**	145.66	53.05	198.71
Yards, Etc.	**Mechanical Broadcast**	145.66	53.05	198.71
Revegetation Maintenance	**Mechanical Broadcast**	145.66	53.05	198.71

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Closure Cost Estimate
Misc. Unit Costs

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File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	198.71
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		0.21	0.17		0.38
Lg. masonry	02220-110-0080	C.F.	B-8	20100		0.16	0.13		0.29
Lg. mixed	02220-110-0100	C.F.	B-8	20100		0.16	0.13		0.29
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

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Closure Cost Estimate
Misc. Unit Costs

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Cost Data: User Data
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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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:									

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Closure Cost Estimate
Misc. Unit Costs

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	123.86	11.52		303.27
Grade walls - 15 in thick, 12 ft high	03310-240-4350	C.Y.	C-14D	26.2	167.89	378.29	35.17		581.35
Elevated conc, 1-way beam & slab - 15ft span	03310-240-2700	C.Y.	C-14B	20.59	286.34	496.64	44.75		827.73
Elevated conc, 1-way beam & slab - 25ft span	03310-240-2750	C.Y.	C-14B	28.36	272.95	360.58	32.49		666.02
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%								

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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	2.00	0.33		2.86
Barbed 4-strand	extrapolated	L.F.	B-80A	570	0.70	2.66	0.43		3.79
Barbed 5-strand	02820-130-0920	L.F.	B-80A	456	0.88	3.33	0.54		4.75
Chain link 8 ft -10 ft Install	02820-130-0920	L.F.	B-80C	180	39.14	8.43	1.38		48.95
Wood stockade fence 6 ft high - Install	02820-510-1240	L.F.	B-80C	150	16.48	10.12	1.65		28.25
	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		2.73	0.58		3.31
Barbed 4-strand Removal	extrapolated	L.F.	2 Clab	355		3.31	0.70		4.01
Barbed 5-strand Removal	02220-220-1650	L.F.	2 Clab	280		4.20	0.88		5.08
Chain link 8 ft -10 ft Removal	02220-220-1700	L.F.	B-6	445		2.65	0.99		3.64
Wood, all types 4 ft -6 ft high Removal	02220-220-1775	L.F.	2 Clab	430		2.73	0.58		3.31
	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		6.75	2.53		9.28
18 in (450 mm) Diameter	02220-220-2930	L.F.	B-6	150		7.87	2.95		10.82
24 in (600 mm) Diameter	02220-220-2960	L.F.	B-6	120		9.84	3.68		13.52
36 in (1m) Diameter	02220-220-3000	L.F.	B-6	90		13.12	4.91		18.03
Pipeline Removal									
Plastic Pipe 3/4 in (mm) - 4 in (100 mm) diameter	02220-381-1600	L.F.	B-20	700		2.78	0.35		3.13
6 in (150 mm) - 8 in (200 mm)	02220-381-1700	L.F.	B-20	500		3.89	0.50		4.39
10 in (250 mm) - 18 in (450 mm)	02220-381-1800	L.F.	B-20	300		6.48	0.83		7.31
20 in (500 mm) - 36 in (1 m)	02220-381-1900	L.F.	B-20	200		9.72	1.24		10.96
Pipe and Drainpipe Installation									
Water 4in (100mm) 40ft (12m) length, welded HDPE	02510-760-0100	L.F.	B-22A	400	2.78	6.30	5.06		14.14
Water 6in (150mm) 40ft (12m) length, welded HDPE	02510-760-0200	L.F.	B-22A	380	6.03	6.63	5.32		17.98
Water 12in (300mm) 40ft (12m) length, welded HDPE	02510-760-0500	L.F.	B-22A	260	0.00	9.70	7.78		17.48
Drain 4in (100mm) perforated PVC	02620-630-2100	L.F.	B-14	315	1.79	9.93	1.76		13.48
Drain 6in (150mm) perforated PVC	02620-630-2110	L.F.	B-14	300	4.35	10.43	1.85		16.63
Drain 4in (100mm) corrugated, perf or plain	02620-660-0040	L.F.	2 Clab	1200	0.80	0.98	0.21		1.99
Drain 6in (150mm) corrugated., perf or plain	02620-660-0060	L.F.	2 Clab	900	2.25	1.31	0.28		3.84
Note: HDPE Water Pipe in 40ft (12m) lengths, welded									

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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		17.98	10.92		28.90
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	32.98	9.12		67.85
Rip-Rap 18-inch min thick, no grout	02370-450-0200	S.Y.	B-13	53	7.88	49.79	13.76		71.43
Rip-Rap 3/8 to 1/4 CY pieces, grouted	02370-450-0110*	S.Y.	B-12G	80	25.75	18.70	21.62		66.07
Rip-Rap 18-inch min thick, no grout	02370-450-0200*	S.Y.	B-12G	53	7.88	28.22	32.63		68.73
Gabions, 6 in (150 mm) deep	02370-450-0400	S.Y.	B-13	200	7.26	13.19	3.65		24.10
Gabions, 9 in (250 mm) deep	02370-450-0500	S.Y.	B-13	163	10.15	16.19	4.48		30.82
Gabions, 12 in (300 mm) deep	02370-450-0200	S.Y.	B-13	153	14.73	17.25	4.77		36.75
Gabions, 18 in (450 mm) deep	02370-450-0200	S.Y.	B-13	102	18.90	25.87	7.15		51.92
Gabions, 36 in (1m) deep	02370-450-0200	S.Y.	B-13	60	31.93	43.98	12.16		88.07
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		0.32	0.19		0.51
Geotextile	2660-610-0010	S.F.	3 Skwk	1600		0.97	0.51		1.48
Geonet	2660-610-0010	S.F.	3 Skwk	1600		0.97	0.51		1.48
Geogrid	2660-610-0010	S.F.	3 Skwk	1600		0.97	0.51		1.48
60 mil HDPE	2660-610-0010	S.F.	3 Skwk	1600	0.59	0.97	0.51		2.07
80 mil HDPE	user	S.F.	3 Skwk	149	$9.00	10.38	5.45		24.83
40 mil VLDPE	user	S.F.	3 Skwk	150	$7.00	10.32	5.42		22.74
	user	S.F.	3 Skwk						0.00
	user	S.F.	3 Skwk						0.00

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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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Closure Cost Estimate
Fleets (Crews)

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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	61.85	167.41
Totals				105.56	61.85	167.41
Medium Dozer w/ multi-shank						
D9T				257.32	61.85	319.17
Totals				257.32	61.85	319.17
Large Dozer w/ multi-shank						
D10T2				354.81	61.85	416.66
Totals				354.81	61.85	416.66
Grader w/ multi-shank						
16M3				202.34	62.92	265.26
Totals				202.34	62.92	265.26
GRADING						
Grading storage and structure areas						
Grading waste rock dumps and heaps						
Grading landfills						
Constructing pit safety berms						
Small Dozer Fleet						
D7E				105.56	61.85	167.41
Totals				105.56	61.85	167.41
Medium Dozer Fleet						
D9T				257.32	61.85	319.17
Totals				257.32	61.85	319.17
Large Dozer Fleet						
D10T2				354.81	61.85	416.66
Totals				354.81	61.85	416.66
EXPLORATION GRADING						
Backfilling and grading exploration trenches						
Grading flat exploration roads						
Small Dozer Fleet						
D6T				100.55	61.85	162.40
Totals				100.55	61.85	162.40
Medium Dozer Fleet						
D7E				105.56	61.85	167.41
Totals				105.56	61.85	167.41
Large Dozer Fleet						
D8T				192.13	61.85	253.98
Totals				192.13	61.85	253.98

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Closure Cost Estimate
Fleets (Crews)

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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	62.92	139.95
Totals				77.03	62.92	139.95
Medium Excavator						
349F				136.87	62.92	199.79
Totals				136.87	62.92	199.79
Large Excavator						
390F				203.65	62.92	266.57
Totals				203.65	62.92	266.57
EXCAVATE AND RECONTOUR						
Recontour large roads (haul roads, access roads, etc.)						
Ponds - Excavate and pull liner and bury						
Small Excavator + Dozer						
325F				77.03	62.92	139.95
D7E				105.56	61.85	167.41
Total Equipment				182.59	124.77	307.36
Medium Excavator + Dozer						
349F				136.87	62.92	199.79
D9T				257.32	61.85	319.17
Totals				394.19	124.77	518.96
Large Excavator + Dozer						
390F				203.65	62.92	266.57
D10T2				354.81	61.85	416.66
Totals				558.46	124.77	683.23
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	61.85	162.40
Totals				100.55	61.85	162.40
Large Dozer						
D8T				192.13	61.85	253.98
Totals				192.13	61.85	253.98
Grader						
14M				137.92	62.92	200.84
Totals				137.92	62.92	200.84
Small Excavator						
325F				77.03	62.92	139.95
Totals				77.03	62.92	139.95
Medium Excavator						
330F				99.30	62.92	162.22
Totals				99.30	62.92	162.22

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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	62.92	171.10
Totals				108.18	62.92	171.10
Medium Crusher Loader Fleet						
988K		1		222.95	62.92	285.87
Totals				222.95	62.92	285.87
Large Crusher Loader Fleet						
992K		1		552.68	62.92	615.60
Totals				552.68	62.92	615.60
Extra Large Crusher Loader Fleet						
994K		1		649.48	62.92	712.40
Totals				649.48	62.92	712.40
COMPACT COVER						
From Means Heavy Construction - Costs in Misc. Unit Costs. Assumes compaction-riding, vibrating roller - 12in (300mm) lifts						
Compactor						
CS54B		1		62.62	61.11	123.73
Totals				62.62	61.11	123.73
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				129.72	46.71	176.43
966M	Loader			108.18	62.92	171.10
D7E		1		105.56	61.85	167.41
Totals				343.46	171.48	514.94
Medium Truck/Loader Fleet						
740C				147.15	46.71	193.86
988K	Loader			222.95	62.92	285.87
D8T		1		192.13	61.85	253.98
Totals				562.23	171.48	733.71
Large Truck/Loader Fleet						
777G				209.32	46.71	256.03
992K	Loader			552.68	62.92	615.60
D10T2		1		354.81	61.85	416.66
Totals				1,116.81	171.48	1,288.29
Extra Large Truck/Loader Fleet						
793F				355.61	46.71	402.32
994K	Loader			649.48	62.92	712.40
D10T2		1		354.81	61.85	416.66
Totals				1,359.90	171.48	1,531.38
Scraper/Dozer Fleet						
631K				238.57	61.85	300.42
D10T2				354.81	61.85	416.66
D7E		1		105.56	61.85	167.41
Totals				698.94	185.55	884.49
Tandem Scraper Fleet						

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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

EQUIPMENT FLEETS

ACTIVITY AND FLEET		Standard Labor Crew	User Defined Labor Crew	EQUIPMENT UNIT COST (Hourly)	TOTAL LABOR UNIT COST (Hourly)	TOTAL COST (Hourly)
637K				334.48	62.92	397.40
D7E		1		105.56	61.85	167.41
Totals				440.04	124.77	564.81
MISC. LOAD AND HAUL AND EARTHWORKS						
Sludge removal						
Drainage controls						
Misc. - Cat 325B Excavator / 10-12 yd3 Truck						
325F				77.03	62.92	139.95
Dump Truck (10-12 yd3)				92.84	46.71	139.55
Totals				169.87	109.63	279.50
Misc. - Cat D9R Dozer/ Loader (5 yd3) / 10-12 yd3 Truck						
D9T				257.32	61.85	319.17
966M				108.18	62.92	171.10
Dump Truck (10-12 yd3)				92.84	46.71	139.55
Totals				458.34	171.48	629.82
Misc. - Cat D6 Dozer / Cat 966 Loader / 10-12 yd3 Truck						
D6T				100.55	61.85	162.40
966M				108.18	62.92	171.10
Dump Truck (10-12 yd3)				92.84	46.71	139.55
Totals				301.57	171.48	473.05
LINER REMOVAL						
Liner removal						
Small - Cat 325B Excavator w/ H140D s Hammer						
325F				77.03	62.92	139.95
General Laborer		2		0.00	85.76	85.76
Totals				77.03	148.68	225.71

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Closure Cost Estimate
Fleets (Crews)

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	62.92	139.95
H120Es (fits 325)				44.49	0.00	44.49
D9T				257.32	61.85	319.17
Totals				378.84	124.77	503.61
Medium - Cat 349F Excavator w/ H160E s Hammer						
349F				136.87	62.92	199.79
H160Es (fits 349)				92.81	0.00	92.81
D9T				257.32	61.85	319.17
Totals				487.00	124.77	611.77
Large - Cat 374F Excavator w/ H180E s Hammer						
374F				169.10	62.92	232.02
H180Es (fits 374/390)				123.34	0.00	123.34
D9T				257.32	61.85	319.17
Totals				549.76	124.77	674.53
DRILL HOLE ABANDONMENT						
Drill Hole - Grout or Cement						
Pump (plugging) Drill Rig				243.30	61.85	305.15
Driller's Helper		2		0.00	86.38	86.38
Totals				243.30	148.23	391.53
Drill Hole - Inert Media (Means Crew B-11M+ 1 Laborer)						
420F2				38.22	62.92	101.14
General Laborer		1		0.00	42.88	42.88
Totals				38.22	105.80	144.02
Drill Hole - Casing Perforation or Removal						
Heavy Duty Drill Rig				248.46	61.85	310.31
Driller's Helper		2		0.00	86.38	86.38
Totals				248.46	148.23	396.69
MAINTENANCE FLEET						
Road Grading, Dust Suppression, Clean Up						
Maintenance - Small Water Truck and Cat 14G Grader						
613E (5,000 gal)				68.90	46.71	115.61
12M2				97.15	62.92	160.07
Totals				166.05	109.63	275.68
Maintenance - Medium Water Truck and Cat 16G Grader						
613E (5,000 gal)				68.90	46.71	115.61
14M				137.92	62.92	200.84
Totals				206.82	109.63	316.45
Maintenance - Large Water Truck and Cat 16G Grader						
621E (8,000 gal)				118.70	46.71	165.41
16M3				202.34	62.92	265.26
Totals				321.04	109.63	430.67
PROJECT SUPERVISION						
Foreman		1		0.00	95.40	95.40
Supervisor's Truck		1		26.97	61.11	88.08
Totals				26.97	156.51	183.48

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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	61.11	92.08
Totals				30.97	146.87	177.84
2 Clab + Excavator - Pond Liner Cut and Fold						
General Laborer		2		0.00	85.76	85.76
325F				77.03	62.92	139.95
Totals				77.03	148.68	225.71
2 Clab + Welder - Bat Gates						
General Laborer		2		0.00	85.76	85.76
Welding Equipment				25.29	62.92	88.21
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				56.26	209.79	266.05
3 Clab - Foam Adit Plugs						
General Laborer		2		0.00	85.76	85.76
420F2				38.22	62.92	101.14
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				69.19	209.79	278.98
3 Clab + Welder - Culvert Bat Gate						
General Laborer		2		0.00	85.76	85.76
Welding Equipment				25.29	62.92	88.21
420F2				38.22	62.92	101.14
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				94.48	272.71	367.19
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	61.11	88.08
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				57.94	346.26	404.20
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	62.92	101.14
				0.00		0.00
				0.00		0.00
				0.00		0.00
Totals				101.58	193.42	295.00

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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)

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	61.85	117.09
Dump Truck (10-12 yd3)		2		185.68	93.42	279.10
				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	336.43	577.35
B-6 - Chain Link Fence/Culvert Removal						
General Laborer		2		0.00	85.76	85.76
930M		1		55.24	61.85	117.09
Totals				55.24	147.61	202.85
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	61.85	117.09
20 Ton Crane		1		89.38	62.92	152.30
Dump Truck (10-12 yd3)		2		185.68	93.42	279.10
				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	399.35	729.65
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	59.29	99.99
Totals				40.70	326.21	366.91

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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	61.11	123.73
Totals				62.62	103.99	166.61
B-11L - Fine Grading for Evaporation Pond Liner Base						
General Laborer		1		0.00	42.88	42.88
14M		1		137.92	62.92	200.84
Totals				137.92	105.80	243.72
B-11M - Backhoe Work						
420F2		1		38.22	62.92	101.14
Totals				38.22	62.92	101.14
B-12G - Rip-Rap Machine Placed (Modified)						
General Laborer		2		0.00	85.76	85.76
966M		1		108.18	62.92	171.10
325F		1		77.03	62.92	139.95
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				216.18	186.95	403.13
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	62.92	154.11
Totals				91.19	329.84	421.03
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	62.92	101.14
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				69.19	390.95	460.14
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	61.11	92.08
Totals				30.97	242.89	273.86
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	61.85	167.41
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
420F2		1		38.22	62.92	101.14
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	315.14	568.07
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	61.85	167.41
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
420F2		1		38.22	62.92	101.14
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	315.14	568.07

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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-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	61.85	167.41
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
420F2		1		38.22	62.92	101.14
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	315.14	568.07
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	61.85	167.41
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
420F2		1		38.22	62.92	101.14
Generator 5KW		1		14.82	0.00	14.82
HDEP Welder (pipe or liner)		1		63.36	0.00	63.36
Totals				252.93	315.14	568.07
B-80A - Install Barbed Wire Fence						
General Laborer		3		0.00	128.64	128.64
Light Truck - 1.5 Ton		1		30.97	61.11	92.08
Totals				30.97	189.75	220.72
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	61.11	92.08
Totals				30.97	189.75	220.72
C-14B - Elevated Concrete Slabs (Reinforced Concrete Shaft Covers)						
Foreman		1		0.00	95.40	95.40
Supervisor's Truck		1		26.97	61.11	88.08
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	61.11	67.36
Concrete Pump		1		81.96	0.00	81.96
Totals				115.18	1,278.24	1,393.42
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	61.11	88.08
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	61.11	67.36
Concrete Pump		1		81.96	0.00	81.96
Totals				115.18	1,238.91	1,354.09

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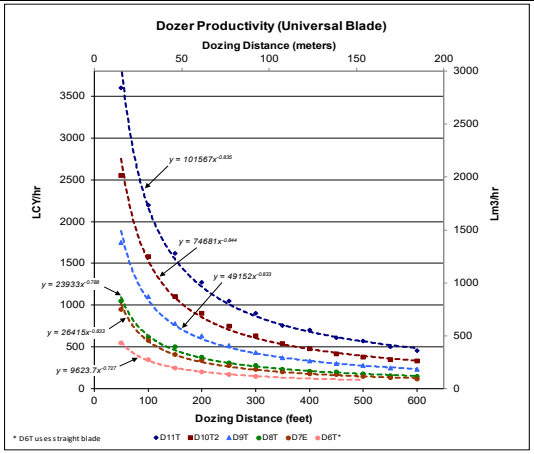
Productivity - Bulldozers

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)	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



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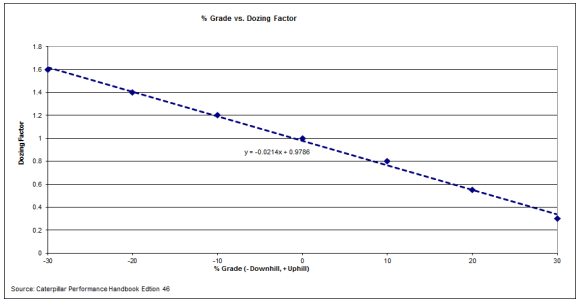
Productivity - Bulldozers (cont.)

% 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 Edition 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	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		

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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

**A firm, smooth, rolling roadway with dirt or light surfacing, flexing slightly under load or

Source: Caterpillar Performance Handbook Edition 47

Downhill Speed (mph) - Grade Retarding vs. Effective Grade (%Grade - Rolling Resistance)

Weight of Materials			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
			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

assumes medium compression breaking

Source: Caterpillar Performance Handbook Edition 46

Uphill Speed (mph) - Rimpull vs. Total Resistance (%Grade + Rolling Resistance)

Weight of Materials			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

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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)																						
				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	0		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)																						
				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	0		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)																						
				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	0		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

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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

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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
Averaae	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

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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

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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

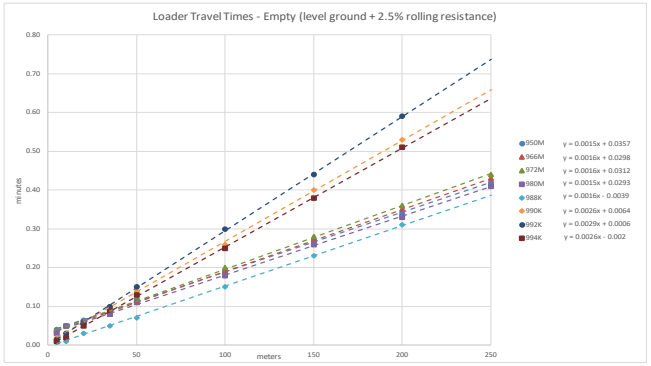
Shovel matched to small truck fleet
Shovel matched to medium truck fleet
Shovel matched to large truck fleet
Shovel matched to extra large truck fleet

**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**	**114.829397**	**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**	**114.829397**	**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

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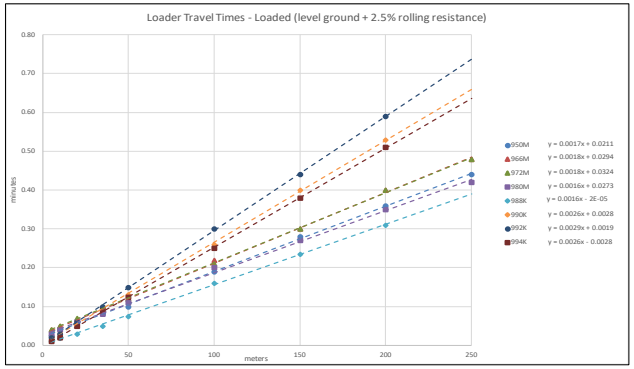

Productivity - Motor Graders

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
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

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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-	2 hrs	
Perforation tool cost (wear cost) [2]	2.5 hrs	
Inert Material Placement (backfill)		
Grouting/Cement [3] (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

Source: 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)

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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

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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

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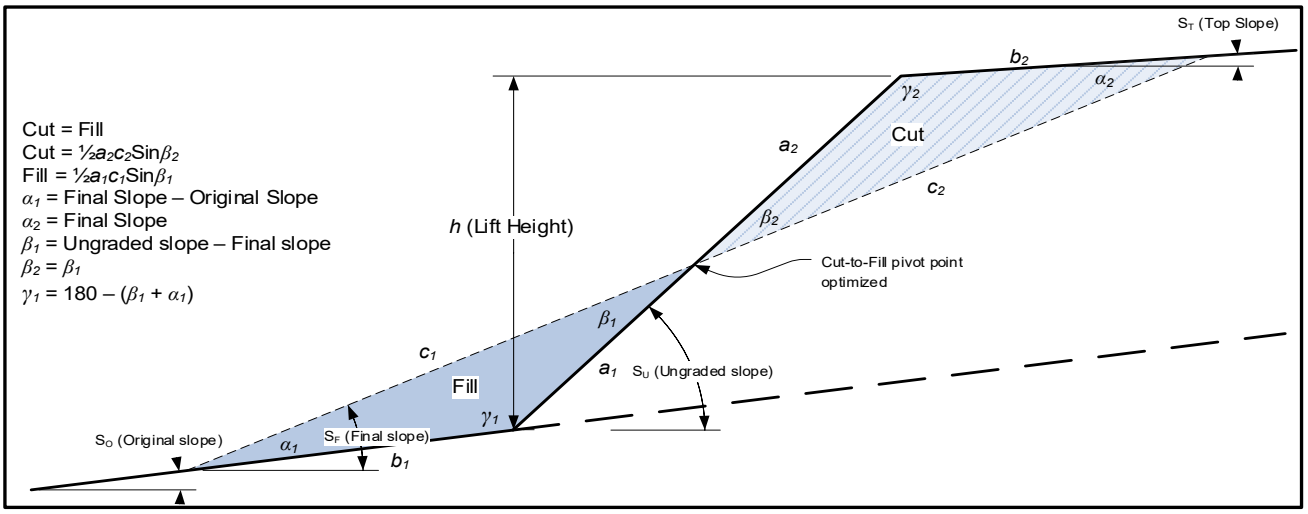
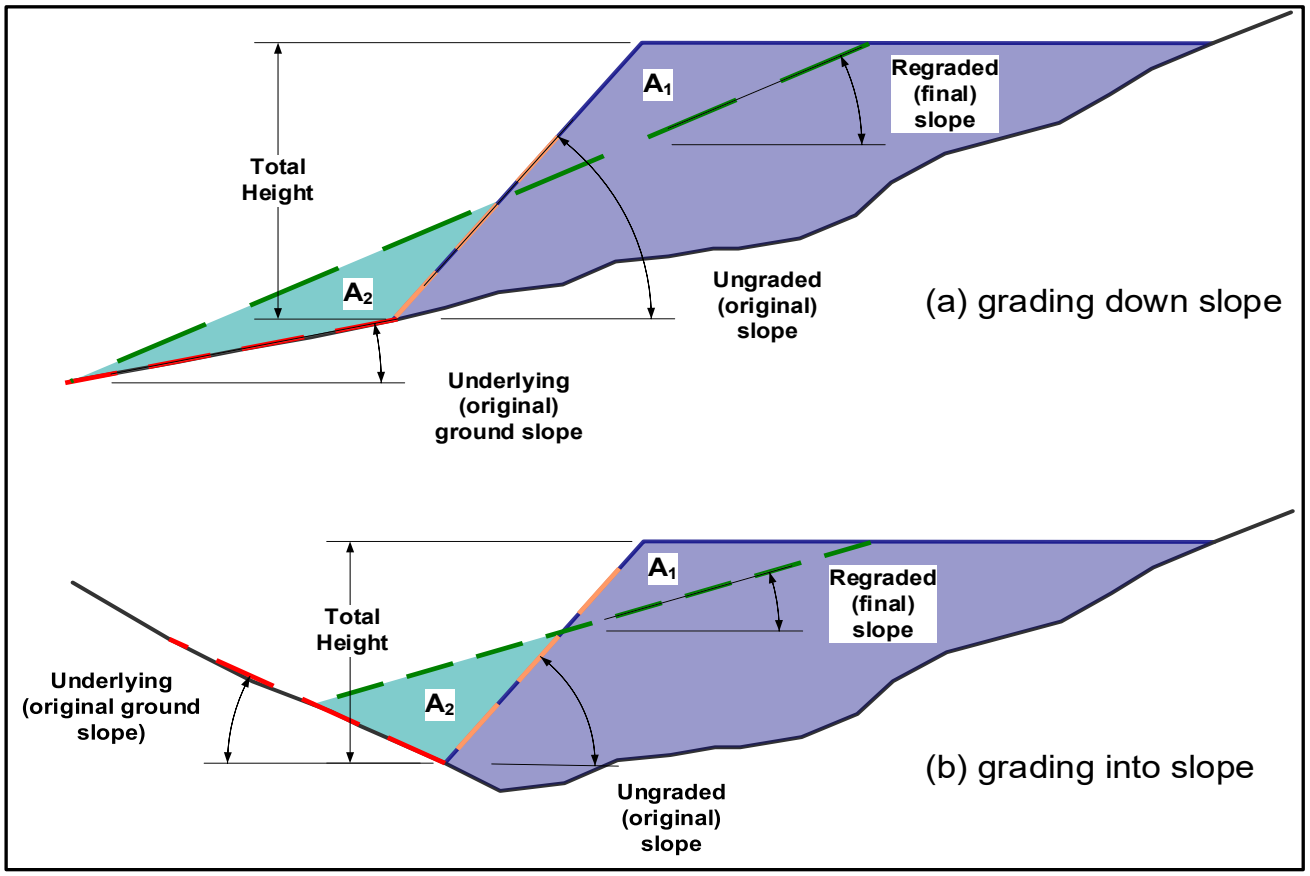
FIGURES

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

Slope Regrading Volumes





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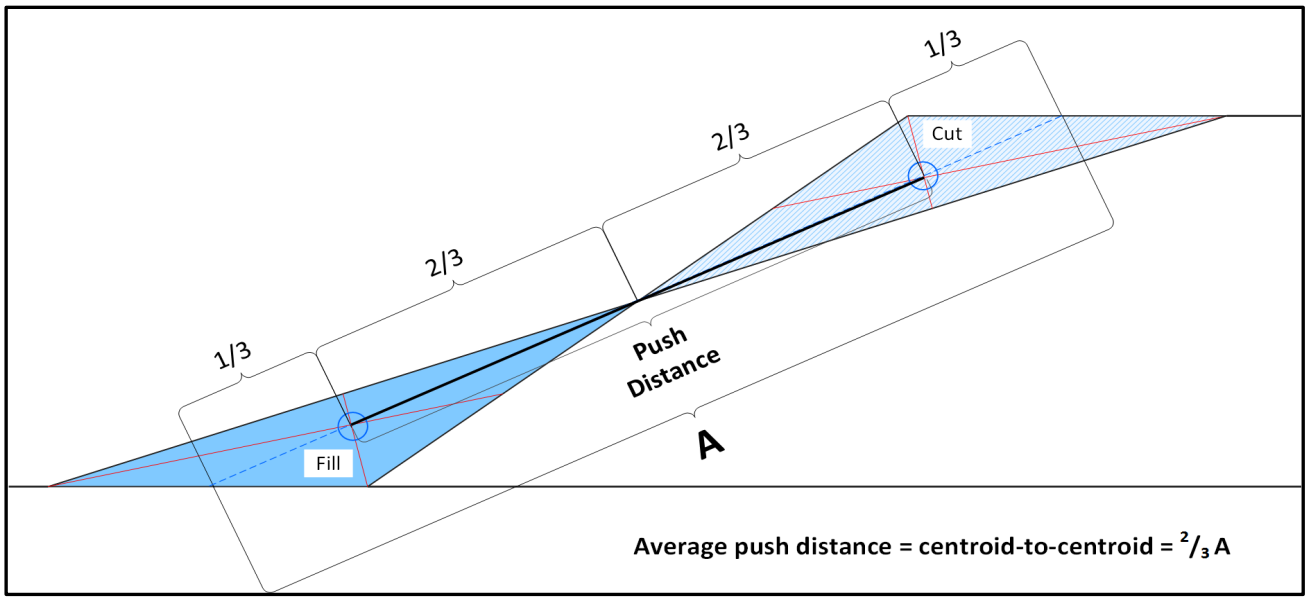
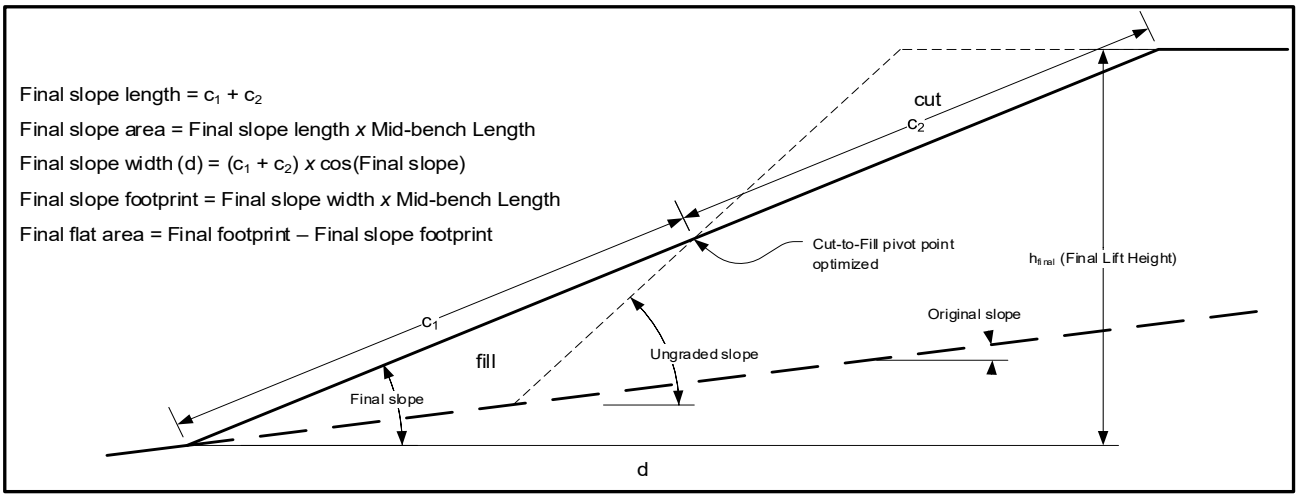
Slope Regrading Push Distance



Slope/Flat Area Calculations



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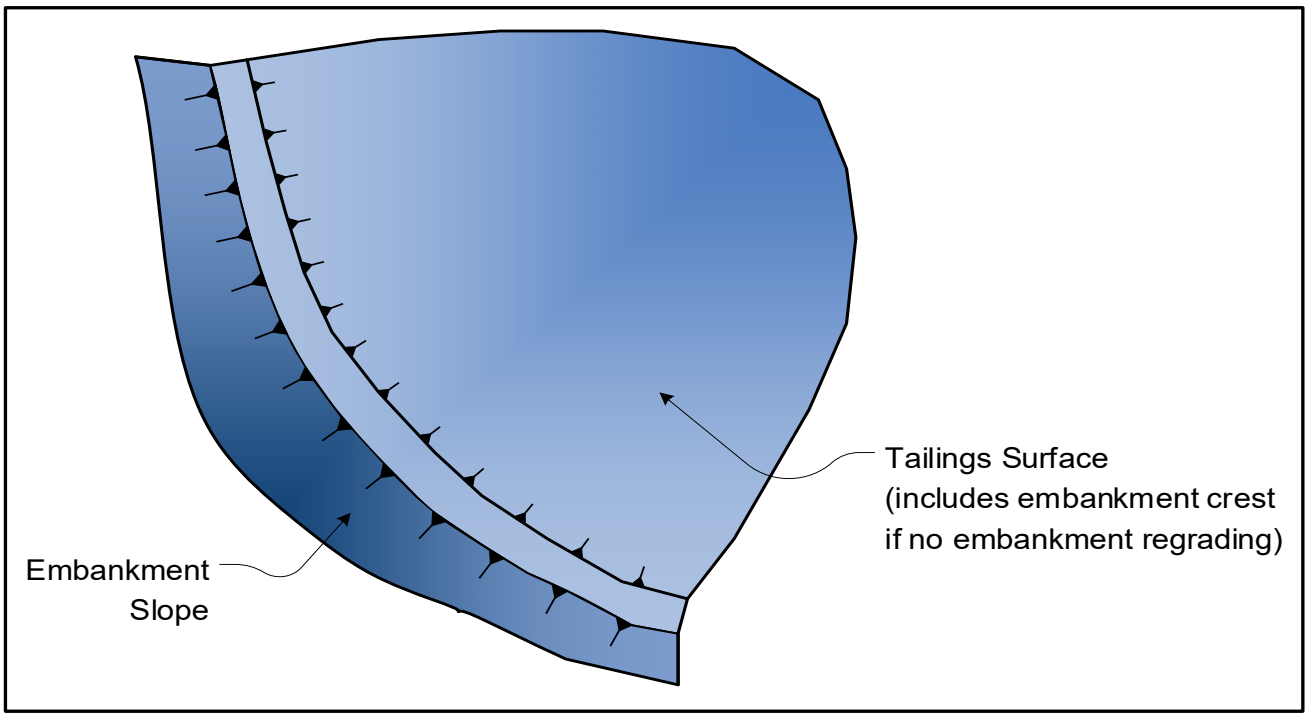
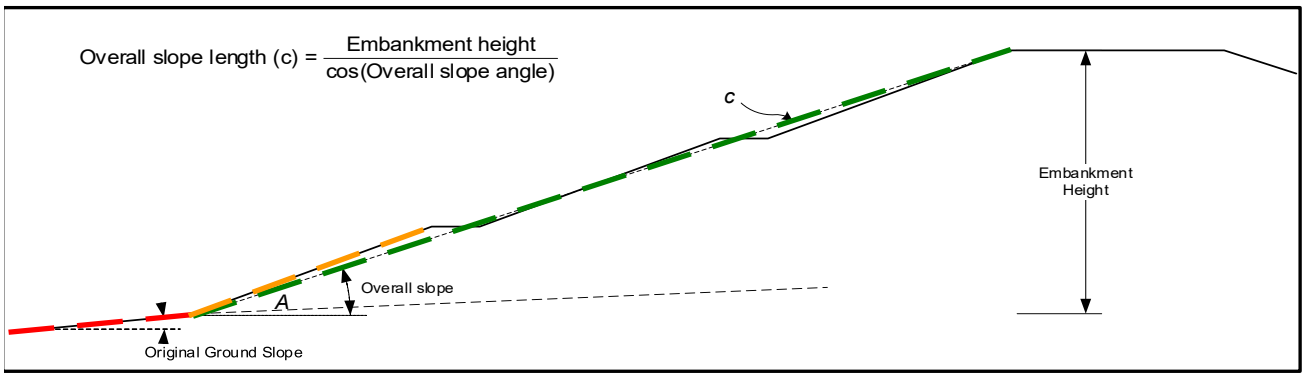
Tailings Impoundments



Tailings Embankments



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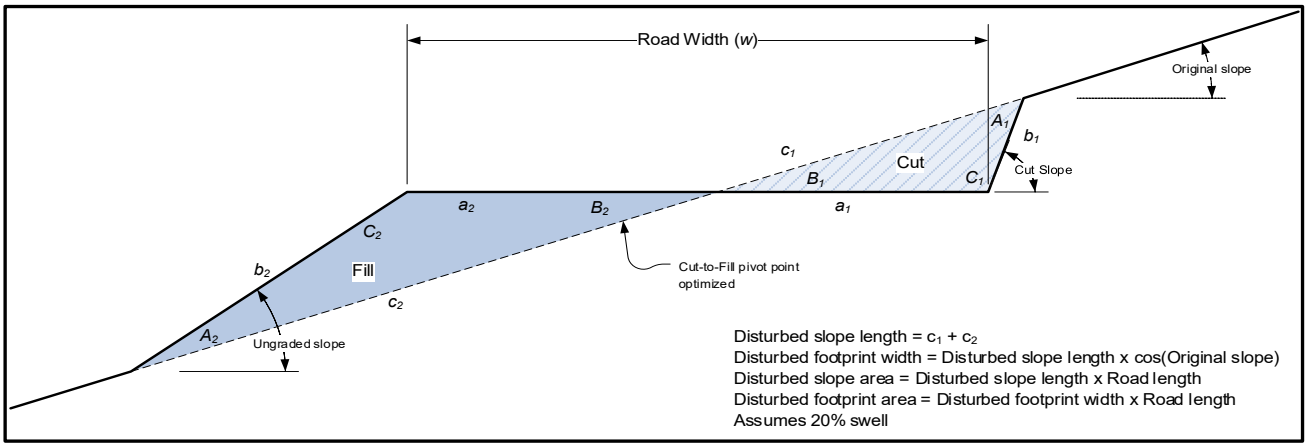
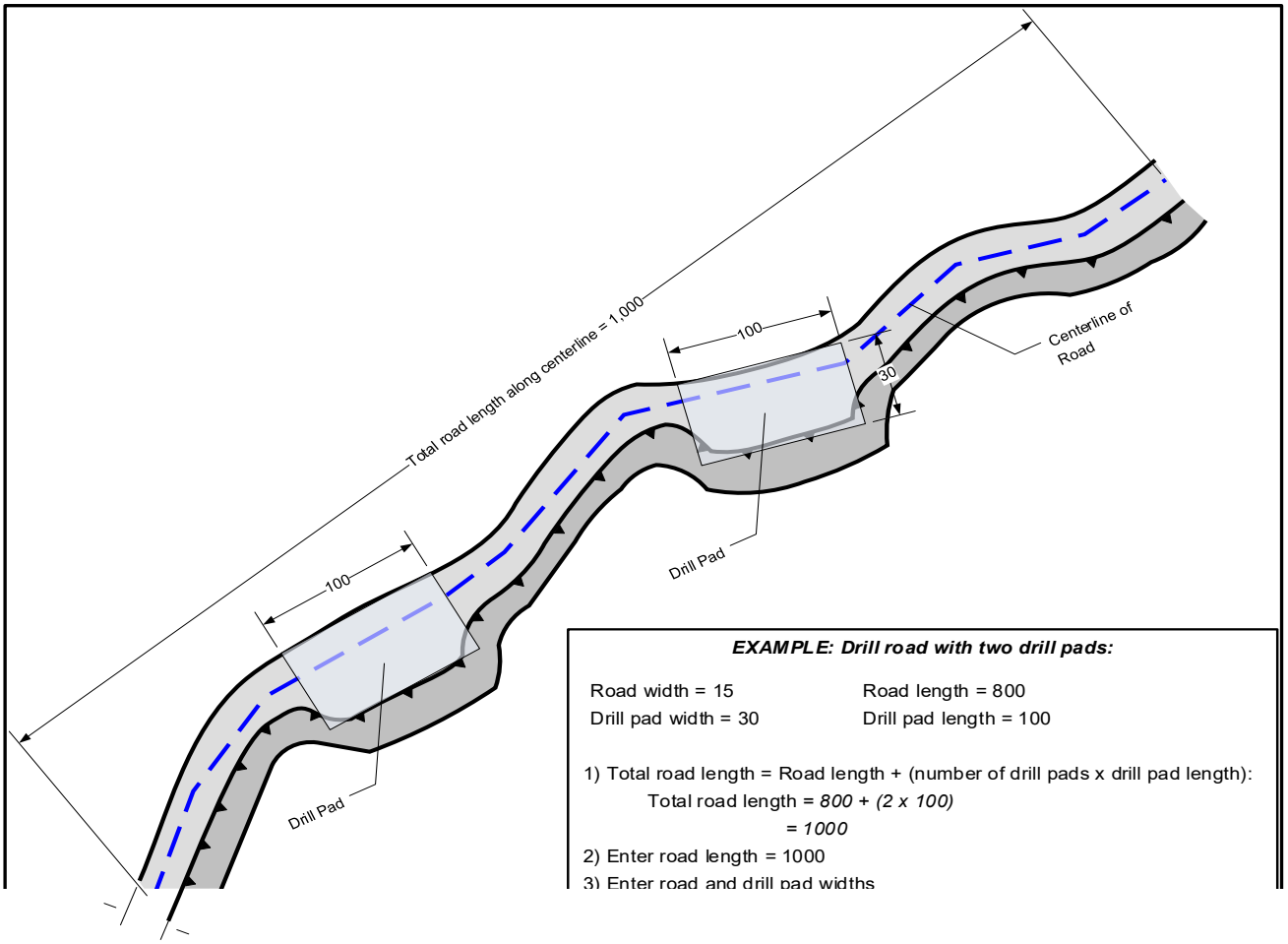
Road Regrading Volume Calculations



Disturbed slope length = $c_1 + c_2$
Disturbed footprint width = Disturbed slope length x cos(Original slope)
Disturbed slope area = Disturbed slope length x Road length
Disturbed footprint area = Disturbed footprint width x Road length
Assumes 20% swell

Exploration Road Calculations



EXAMPLE: Drill road with two drill pads:

Road width = 15 Road length = 800
Drill pad width = 30 Drill pad length = 100

1) Total road length = Road length + (number of drill pads x drill pad length):
Total road length = *800 + (2 x 100)*
= 1000
2) Enter road length = 1000
3) Enter road and drill pad widths

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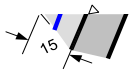
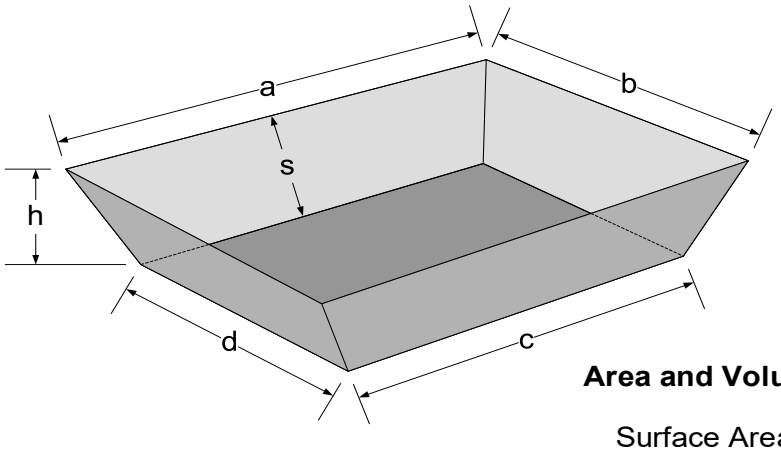


4) Enter number of pads = 2
5) Enter length of drill pad = *100*

Pond Volume Calculations



Area and Volume of the Frustrum of a Pyramid

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

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

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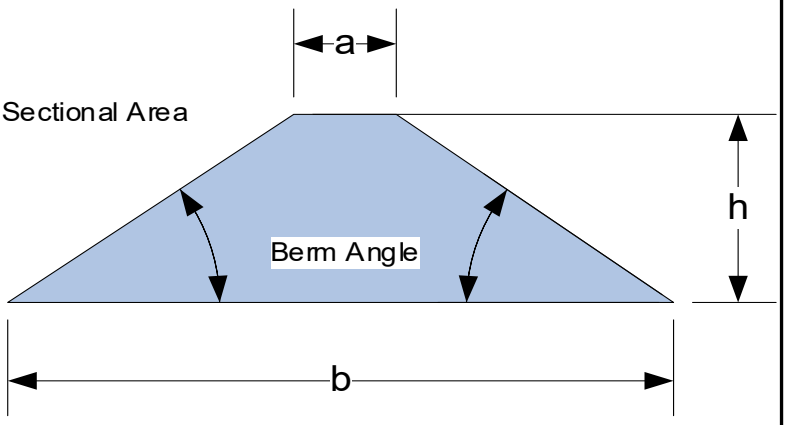
Berm Volume Calculations

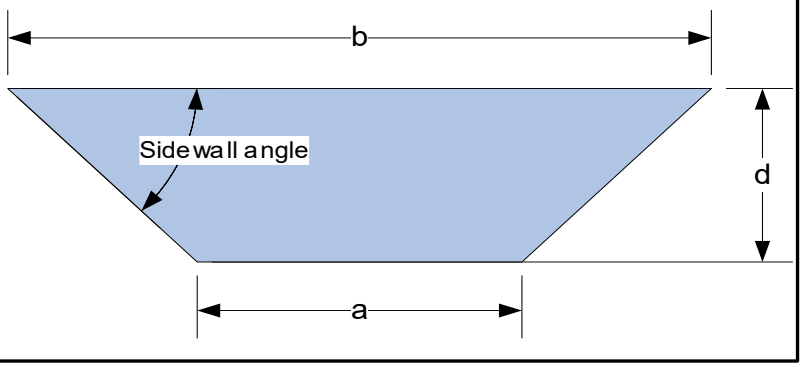
Cross Sectional Area =

Berm Volume = Berm Length x Cross Sectional Area



Ditch Volume Calculations

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



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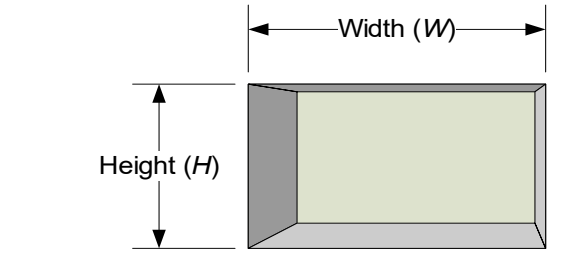
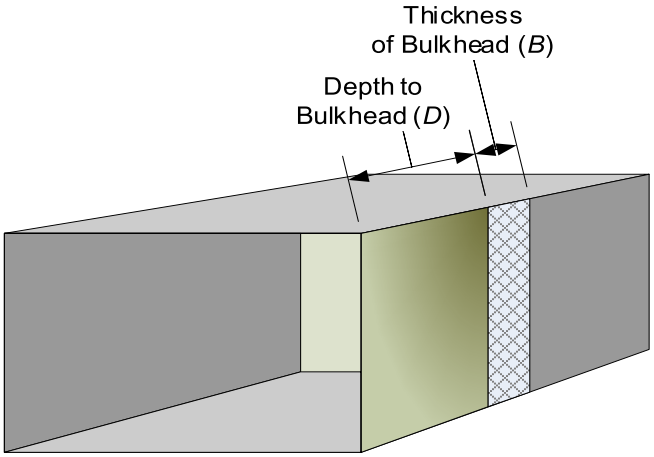
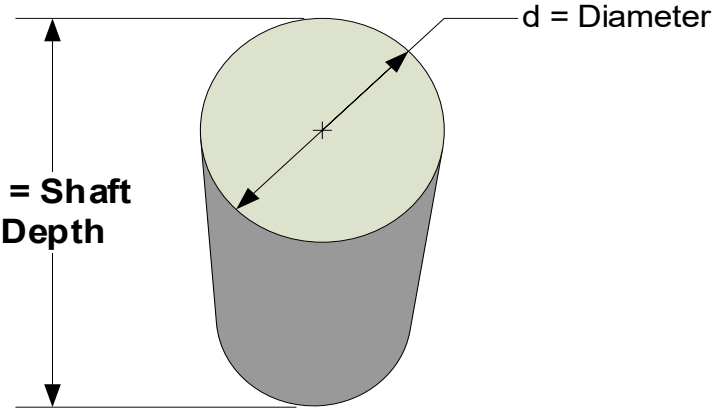
Portal/Adit Measurements





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

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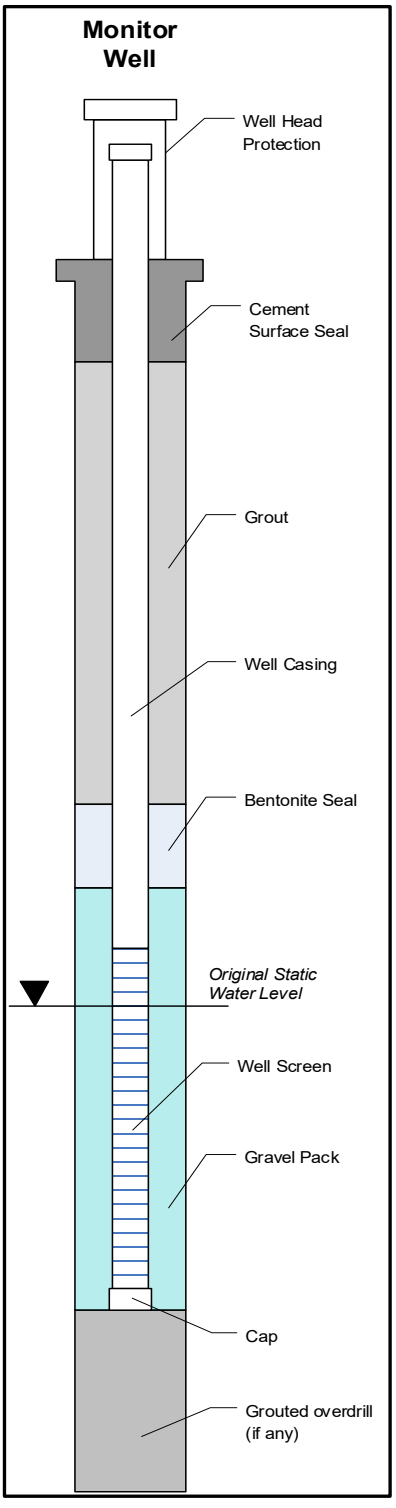
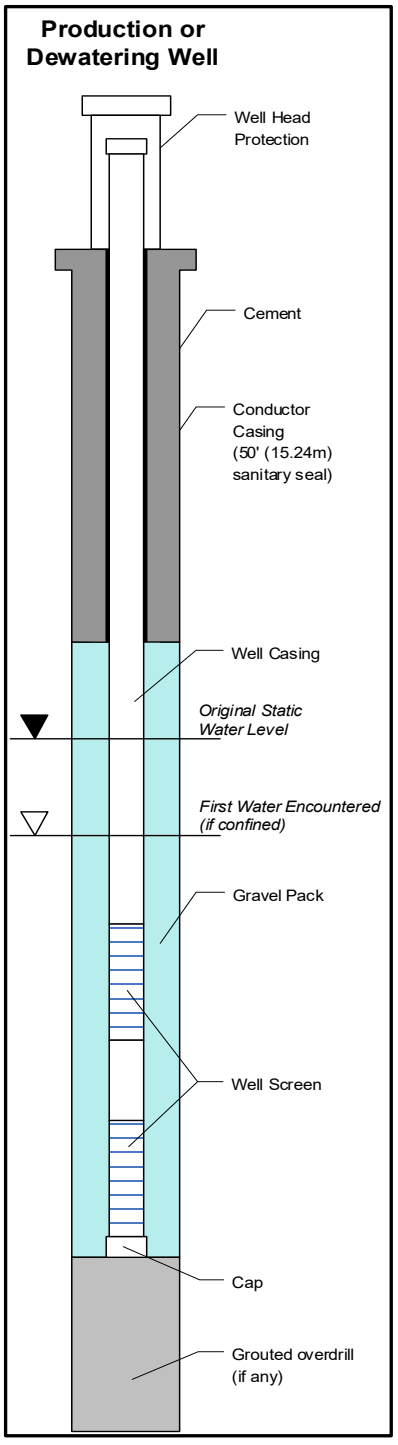
Production Well



Monitor Well



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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

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Closure Cost Estimate
User 04 Chicago Tunnel

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
Sheet Name: Chicago Tunnel

Year	Cost		Comment
BP2020	$	95,022.18	
BP2023	$	98,062.89	Escalated 3.%

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Closure Cost Estimate
User 09 Stormwater Construction

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
Sheet Name: Stormwater Construction

Stormwater Construction	$	16,274,652.00
Escalated for BP23	$	16,762,891.56

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Closure Cost Estimate
User 10 Rinsing Cost Rate VLF1

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
Sheet Name: Rinsing Cost Rate VLF1

Inputs			
Item	Unit		Source
VLF	Tons	371892097	BP19
water	$ Gallon	0.00342671	From Water Specialist 3/4/2019 for BP2020. Escalated 3% for BP2023
KWH	$	0.1000	BP2023
Cost of H2O2	$/per gallon	3.56229002	Escalated 3% for BP2023
Operator	$/hr.	42.88	
Mechanic	$/hr.	57.27	
Pump maintenance	$/month	15583.5601	Escalated 3% for BP2023
Generator maintenance	$/month	819.54525	Escalated 3% for BP2023
drip irrigation supplies	$/month	21854.54	Escalated 3% for BP2023
Support vehicle	$/month	655.6362	Escalated 3% for BP2023

Assumptions			
Item	Unit		Source
Density	tons/cy	1.486	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	25043104Z
Rinse Volume	Yards	75129313
Rinse Volume	Gallons	15175144449
One Rinse Cyle Time	Day	703
One Rinse Cyle Time	30-day Month	23
All Rinse Time	Day	2108
All Rinse Time	30-day Month	70
All Rinse Time	Years	6
First Rinse	$	$ 18,020,716.39
Second Rinse	$	$ 18,020,716.39
Third Rinse	$	$ 16,673,041.47
All three Rinses	$	$ 52,714,474.26
Discount for 1st Open	$	$ 34,693,757.86

Item	Quantity	Unit	Assumptions	Equipment	Labor	Materials	First Rinse Total	Second Rinse Total	Third Rinse Total	
Make up water	900.00	Gallons				$ 3,120,046.42	$ 3,120,046.42	$ 3,120,046.42	$ -	
Barren& Preg Power Cost	123193.00	KWH day				$ 8,654,960.97	$ 8,654,960.97	$ 8,654,960.97	$ 8,654,960.97	
H2O2	362000.00	Gallons				$ 1,289,548.99			$ 1,289,548.99	$ 57,192,812.07
Drip Irrigation supplies	23.42	Month				$ 511,799.08	$ 511,799.08	$ 511,799.08	$ 511,799.08	
Operators	12.00	Per 24 hour	12 hour shift		$ 4,338,067.96		$ 4,338,067.96	$ 4,338,067.96	$ 4,338,067.96	
Mechanics	2.00	Per 24 hour	12 hour shift		$ 965,645.03		$ 965,645.03	$ 965,645.03	$ 965,645.03	
H202 Mechanic	1.00	Per 12 hour	12 hour shift		$ 482,822.51				$ 482,822.51	
Pump Maintenance	23.42	Month		$ 364,942.55			$ 364,942.55	$ 364,942.55	$ 364,942.55	
Generator Maintenance	23.42	Month		$ 19,192.47			$ 19,192.47	$ 19,192.47	$ 19,192.47	
Support Vehicle	3.00	Each		$ 46,061.92			$ 46,061.92	$ 46,061.92	$ 46,061.92	

	Second and third			First Rinse	Second Rinse	Third Rinse
	Equipment	Labor	Materials	Total	Total	Total
	$ 860,393.87	$ 11,090,248.48	$ 22,743,115.51	$ 18,020,716.39	$ 18,020,716.39	$ 16,673,041.47

	Equipment	Labor	Materials	
All Rinses	$ 1,290,590.81	$ 16,393,961.47	$ 35,029,921.98	$ 52,714,474.26

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Closure Cost Estimate
User 11 Rinsing Cost Rate VLF2

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
Sheet Name: Rinsing Cost Rate VLF2

Inputs

Item	Unit		Source
VLF	Tons	.315000000	VLF2Phases1,2 + 107MT (Phase 3)
water	$ Gallon	0.00342671	From Water Specialist 3/4/2019 for BP2020 Escalated 3% for BP2023
KWH	$	0.1000	BP2023
Cost of H2O2	$/per gallon	3.56229002	Escalated 3% for BP2023
Operator	$/hr.	42.88	
Mechanic	$/hr.	57.27	
Pump maintenance	$/month	15583.5601	Escalated 3% for BP2023
Generator maintenance	$/month	819.54525	Escalated 3% for BP2023
drip irrigation supplies	$/month	21854.54	Escalated 3% for BP2023
Support vehicle	$/month	655.6362	Escalated 3% for BP2023

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	212121212
Rinse Volume	Yards	59393939
Rinse Volume	Gallons	1196803636
One Rinse Cyle Time	Day	505
One Rinse Cyle Time	30-day Month	17
All Rinse Time	Day	1515
All Rinse Time	30-day Month	50
All Rinse Time	Years	4
First Rinse	$	$ 11,552,422.41
Second Rinse	$	$ 11,552,422.41
Third Rinse	$	$ 10,946,631.80
All three Rinses	$	$ 34,051,476.61
Discount for 1st Operational Rinse	$	$ 22,499,054.20

Item	Quantity	Unit	Assumptions	Equipment	Labor	Materials	First Rinse Total	Second Rinse Total	Third Rinse Total
Make up water	900.00	Gallons				$ 2,242,338.05	$ 2,242,338.05	$ 2,242,338.05	$ -
Barren Power Cost	67608.00	KWH day				$ 3,413,635.94	$ 3,413,635.94	$ 3,413,635.94	$ 3,413,635.94
Preg Power costs	7159.00	KWH day				$ 361,469.35	$ 361,469.35	$ 361,469.35	$ 361,469.35
H2O2	362000.00	Gallons				$ 1,289,548.99	$ -	$ -	$ 1,289,548.99
Drip Irrigation supplies	16.83	Month				$ 367,823.55	$ 367,823.55	$ 367,823.55	$ 367,823.55
Operators	12.00	Per 24 hour	12 hour shift		$ 4,163,981.48		$ 4,163,981.48	$ 4,163,981.48	$ 4,163,981.48
Mechanics	2.00	Per 24 hour	12 hour shift		$ 693,996.91		$ 693,996.91	$ 693,996.91	$ 693,996.91
H202 Mechanic	1.00	Per 12 hour	12 hour shift		$ 346,998.46		$ -	$ -	$ 346,998.46
Pump Maintenance	16.83	Month		$ 262,279.62			$ 262,279.62	$ 262,279.62	$ 262,279.62
Generator Maintenance	16.83	Month		$ 13,793.38			$ 13,793.38	$ 13,793.38	$ 13,793.38
Support Vehicle	3.00	Each		$ 33,104.12			$ 33,104.12	$ 33,104.12	$ 33,104.12

Second and third			First Rinse	Second Rinse	Third Rinse
Equipment	Labor	Materials	Total	Total	Total
$ 618,354.24	$ 10,062,955.24	$ 11,817,744.72	$ 11,552,422.41	$ 11,552,422.41	$ 10,946,631.80

	Equipment	Labor	Materials	
All Rinses	$ 927,531.36	$ 14,920,933.64	$ 18,203,011.62	$ 34,051,476.61

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Closure Cost Estimate
User 15 Tree Thinning

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
Sheet Name: Tree Thinning

Source: RS Means 2017

3.1 Tree Thinning Cost Estimate

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

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

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

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		

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

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

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		

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 BP2023

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Closure Cost Estimate
User 16 Tree Cost Calc

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
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Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
Sheet Name: Tree Cost Calc

								BP2023
Gooseberry Currant	6.777940848	50 per acre	338.90	359.23	366.42	377.41	388.7302	396.5048
Rosa Woodsii (wild rose)	4.105379464	50 per acre	205.27	217.59	221.94	228.59	235.4528	240.1618
Englemann Spruce	5.822728795	25 per acre	145.57	154.30	157.39	162.11	166.9733	170.3128
Bristlecone Pine	9.237103795	25 per acre	230.93	244.78	249.68	257.17	264.8844	270.182
	Cost of Shrub/Tree Planting per acre =		920.66	975.90	995.42	1025.28	1056.04	1077.16

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Closure Cost Estimate
User 18 perf Liner

Project Name: BP2023 Financial Warranty Update - Reclamation Plan
Date of Submittal: November 2022
File Name: SRCE_2.0_AROmodtoFW_BondUpdate - Nov 22.xlsm
Model Version: Version 2.0
Cost Data: User Data
Cost Data File: 20221109_Newmont_FW_CCV_CDF.xlsm
Cost Estimate Type: ARO Cost Basis: BP23 - CC&V - US (2022)
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	BP2023
Cost of drilling VLF liner perforation =	$ 485,415.00	$ 495,123.30	$ 509,977.00	$ 526,296.26	$ 536,822.19
	$ 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
Labor =	$ 207,000.00	$ 211,140.00	$ 217,474.20	$ 224,433.37	$ 228,922.04
Equipment =	$ 207,000.00	$ 211,140.00	$ 217,474.20	$ 224,433.37	$ 228,922.04
Costs	$ 485,415.00	$ 495,123.30	$ 509,977.00	$ 526,296.26	$ 536,822.19