

Department of Natural Resources

1313 Sherman St. Room 215 Denver, CO 80203

September 10, 2021

Mr. Bryan L. Walker Walker Ruby Mining Company, Inc. 5194 Northwest Newark Lane Port St. Lucie, FL 34983

Re: Ruby Trust Mine, Permit No. M-1979-181, Financial Warranty Increase, Revision No. SI-1

Dear Mr. Walker:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed). Therefore, pursuant to Section 34–32–117(4) of the Colorado Land Reclamation Act, adequate Financial Warranty must be submitted to the Division within 60 days of the mailing date of this letter. The additional amount needs to be accepted prior to Tuesday, November 09, 2021. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.

Staff calculations estimate the cost to reclaim the above referenced site to be \$34,967.00. This is an increase of \$16,229.00 over the \$18,738.00 currently held by the Division. This estimate is based on conditions observed during the August 23, 2021 inspection.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, within 60 days from the date of this letter. If you wish to submit a different type of Financial Warranty, please contact me such that I may send you the applicable form.

If you have any questions, please contact me.

Sincerely,

Lucas J. West

Environmental Protection Specialist

cc: Sara M. Stevenson-Benn, DRMS



COST SUMMARY WORK

Ta	sk description:	Cost Summary				
: _	Ruby Trust Mine	Permit Action:	2021 Update		Permit/Joba	#: <u>M1979181</u>
PR	OJECT IDENTIFICA	<u>TION</u>				
	Task #: 000	State: Colorado		,	Abbreviation:	None
	Date: 9/10/2021	County: Ouray		_ •	Filename:	M181-000
	User: LJW	_ · · _ · ·			-	
	Agency or organizat	ion name: DRMS				
<u>ГА</u>	SK LIST (DIRECT CO	OSTS)				
ı.			Form	Fleet	Task	
k	Description		Used	Size	Hours	Cost
	Remove or relocate equi		DEMOLISH	1	32.00	\$2,765
	Pull up edge of benches		EXCAVATE	1	27.19	\$3,531
	Haul out waste rock for	backfill and shaping	LOADER	1	89.91	\$7,102
	Grade waste rock to 3:1		DOZER	1	29.25	\$5,899
	Haul reclamaiton equipr	nent to and from site	MOBILIZE	1	7.00	\$4,252
			SUBTO	OTALS:	185.35	\$23,549
[N]	DIRECT COSTS					
OV	<u>ERHEAD AND PROFIT:</u>					
	Liability insurance	: 2.02			Total = \$4	76
	Performance bond				Total =	
	Job superintendent	: 92.68			Total = $\$6$,675
	Profit	: 10.00				,355
						,753
		CONTR	RACT AMOUNT	(direct +	$O \& P) = _{3}$	3,302
LEC	GAL - ENGINEERING - F	PROJECT MANAGEMENT:				
	Financial warranty proce	essing (legal/related costs):	\$0		Total = \$0	
	Engineering work and/o	or contract/bid preparation:	0.00	_	Total =	
	Reclamation managen	nent and/or administration:	5.00	_	\$1.	,665
		CONTINGENCY:	0.00		Total =\$0	
			TOTAL IN	NDIRECT	$\Gamma \text{ COST} = \$1$	1,418

TOTAL BOND AMOUNT (direct + indirect) = \$34,967

DEMOLITION WORK

ite:	Ruby Trust Mine		Permit Action:	2021 Update	Permit/J	Job#: <u>M1979181</u>
)JE(CT IDENTIFICATIO	<u>N</u>				
sk #:	001	State:	Colorado		Abbreviation:	None
Date:	9/10/2021	County:	Ouray		Filename:	M181-001
		•	- ·			

UNIT COSTS

Location adjustment: 87.60 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Exterrior Milling Equipment	10x10x30	Conveyor, Inclined Belt, 10' rise with horizontal Loader, 27.5' length, 18" belt	1.00	EA	\$3,125.00	\$3,125.00
Parts, debris put inside Mill Portal	10x10x10 vol	Load/haul/dump demolished materials/debris into pit - Max. 1,000 ft. haul	37.00	CY	\$0.85	\$31.27

Subtotal Cost (adjusted for Job Hours: 32.00 (unadjusted): \$3,156.27 location): \$2,764.89

HYDRAULIC EXCAVATOR WORK

Task description:	Pull t	p edge of b	enches and	move sed ponds			
: Ruby Trust Mine		Perr	nit Action:	2021 Update	Pe	ermit/Job#:	M1979181
PROJECT IDENTI	FICATIO	<u> N</u>					
Task #: 002		State:	Colorado		Abbr	eviation:	None
Date: $\frac{002}{9/10/202}$	1	County:	Ouray			ilename:	M181-002
User: LJW	<u>-</u>	County.	<u> </u>				1.1101 002
Agency or org	ganization 1	name: DR	aMS				
HOURLY EQUIPM							
Basic Machine:		== DL 8'-6" S	tick	F	Iorsepower:		115
Attachment 1:	ROPS C				eight (MT):		7.32
					Shift Basis:	1 p	er day
				D	Data Source:		CRG)
Cost Breakdown:							
				Utilization %			
Ownership Cos		\$51.4	17	NA			
Operating Cos		\$41.0		100			
Operator Cos		\$37.3		NA			
Total Unit Cos	t/Hour:	\$129.	85				
Total Fleet Cos	st/Hour:	\$129.	.85				
	_	,					
MATERIAL QUAN Initial volume:			CCV	C11 fo -4 - 4	. 1 215		
Loose volume: _	2,500 3,038		CCY LCY	Swell factor	: 1.215		
_	,						
		ted volume:		of Reclamation, Mi	ning & Safety	I	
Source of	estimated s	well factor:	Cat Han	dbook			
HOURLY PRODUC	CTION						
Excavator Cycle Time		nt essing log	dad dumn	hucket swing empty	,) •		
Excavator Cycle Time	(10au buckt	-	*	• • •	 		
	_			Condition Descriptio			
	Secon	dary Job Co	ndition with	hin Basic Description		.GE	
Load Dualent Composity				Cycle Time Valu	e: 0.256		minutes
Load Bucket Capacity							
					Bucket Size C	class: Me	edium
Rated Capaci		0.80	_ LCY (he	1 /	(75 000/) 0.1	205	
Bucket Fill Fact		0.825		rock - avg. blasted	(75 - 90%) 0.3	825	
Adjusted Capaci	ıty:	0.66	_ LCY				
Job Condition Correction	on Factors			Site A	Altitude: <u>10300</u>	<u>)</u> feet	
			Source	e			
Altitude Adj:	0.	87	(CAT H				
Job Efficiency:	0.	83	(1 shift/d	ay)			
Net Correction:	0.	72	multiplie	r			
II	nadiusted l	Hourly Unit	Production	154.69	LCY/Hour		
U		Hourly Unit			LCY/Hour		
		lourly Fleet		-	LCY/Hour		
JOB TIME AND CO		j = 1000					
	<u></u>	.	_	1: 1 .:	A=		**
Fleet size:	1	Excavato	or T	Cotal job time:	27.19	,	Hours
Unit cost: \$	1.162	/LCY		Total job cost:	\$3.53	1	

WHEEL LOADER – LOAD AND CARRY WORK

Task desc	empuon.		ut waste rock fo						
Ruby	Trust Mine		Permit Ac	ction:	2021 Updat	e	Pe	ermit/Job#:	M1979181
PROJE	CT IDENT	IFICATION	<u>N</u>						
Task #	# : 003		State: Cole	orado			Abbı	reviation:	None
Date	-	21	County: Our					Filename:	M181-003
Usei			county. Our	uy			1	nenume.	11101 003
	Agency or or	rganization na	me: DRMS						
HOURI	LY EQUIP	MENT COS	<u>5T</u>						
Ва	asic Machine	: CAT 246	C			Horse	epower:		73
	Attachment 1						t Basis:		er day
_							Source:		CRG)
Cost Brea	akdown:						•		
_					Utilization	%			
	Wnership Co		\$21.64		NA				
(Operating Co		\$16.64		100				
	Operator Co		\$40.71		NA				
	Γotal Unit Co		\$78.99						
Т	Total Fleet Co	ost/Hour:	\$78.99						
B & A (E)===									
MATE	RIAL QUA	NTITIES							
			CO	CY	Swell	factor:	1.000		
Initi	RIAL QUA ial volume: ose volume:	3,022 3,022			Swell	factor:	1.000		
Initi	ial volume: se volume: Sourc	3,022	d volume: Di	ĽΥ	f Reclamation	_		y	
Initi Loo	ial volume: se volume: Source of	3,022 3,022 ce of estimate f estimated sw	d volume: Divell factor: Ca	EY vision of t Handb	f Reclamatio	on, Mining	& Safety	y	
Initi Loo	ial volume: se volume: Source of	3,022 3,022 ce of estimate f estimated sw	d volume: Di	EY vision of t Handb	f Reclamatio	on, Mining	& Safety	0.425	minutes
Initi Loo HOURI Loader C	ial volume: se volume: Source of	3,022 3,02 ce of estimated sw UCTION Unadjus	d volume: Divell factor: Ca	EY vision of t Handb	f Reclamatio	on, Mining	& Safety		minutes Source
Initi Loo HOURI Loader C	ial volume: Source of Source of LY PRODU ycle Time: ycle Time Fa Mat	3,022 3,022 ce of estimated sw UCTION Unadjustactors erial: Mate	d volume: Divell factor: Casted Basic Cycle erial 3/4" to 6" di	vision of t Handb	f Reclamation	on, Mining	Safety Factor 0.0	0.425 (min.)	Source (Cat HB)
Initi Loo HOURI Loader C	ial volume: Source of Source of LY PRODU ycle Time: ycle Time Fa Mat Stock	3,022 3,022 ce of estimated sw UCTION Unadjustators erial: Matekpile: Dum	d volume: Divell factor: Casted Basic Cycle rial 3/4" to 6" diped by truck 0.0	vision of t Handb Time (1 fameter (2	f Reclamation ook oad, dump,	on, Mining	:	0.425 (min.) 000 020	Source (Cat HB) (Cat HB)
Initi Loo HOURI Loader C	se volume: Source of LY PRODU ycle Time: ycle Time Fa Mat Stock Truck Owner	3,022 3,022 ce of estimated sw ICTION Unadjusted serial: Matekpile: Dumership: Com	d volume: Divell factor: Casted Basic Cycle rial 3/4" to 6" divelled by truck 0.0 mon ownership of	vision of t Handb Time (1 ameter (2 of trucks	f Reclamation ook oad, dump,	on, Mining	Factor 0.0 -0.1	0.425 (min.) 000 020 040	Source (Cat HB) (Cat HB) (Cat HB)
Initi Loo HOURI Loader C	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated esti	d volume: Divell factor: Casted Basic Cycle erial 3/4" to 6" divelled by truck 0.0 mon ownership of tant operation -0	vision of t Handb Time (1 ameter (2 of trucks	f Reclamation ook oad, dump,	on, Mining	Factor 0.0 -00.	0.425 (min.) 000 020 040 040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Initi Loo HOURI Loader C	se volume: Source of LY PRODU ycle Time: ycle Time Fa Mat Stock Truck Owner	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated esti	d volume: Divell factor: Casted Basic Cycle erial 3/4" to 6" diped by truck 0.0 mon ownership of tant operation -0 inal target 0.00	vision of t Handb Time (1 ameter (2 of trucks	f Reclamation fook load, dump, 0.00 s and loader	maneuver)	Factor 0.0 -00. 0.0	0.425 (min.) 000 020 040 040 000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Initi Loo HOURI Loader C	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated esti	d volume: Dirvell factor: Casted Basic Cycle rial 3/4" to 6" direction ownership of tant operation of tant arget 0.00	Time (1 dameter (2 of trucks ().04	f Reclamation ook load, dump, 0.00 s and loader e Time Adju	maneuver)	Factor 0.0 0.0 -000.0	0.425 (min.) 000 020 040 040 000 060	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated esti	d volume: Divell factor: Casted Basic Cycle erial 3/4" to 6" di ped by truck 0.0 mon ownership otant operation - Cinal target 0.00	Time (1 dameter (2 of trucks ().04	f Reclamation fook load, dump, 0.00 s and loader	maneuver)	Factor 0.0 0.0 -000.0	0.425 (min.) 000 020 040 040 000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
HOURI Loader C	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated esti	d volume: Divell factor: Casted Basic Cycle erial 3/4" to 6" di ped by truck 0.0 mon ownership otant operation - Cinal target 0.00	Time (1 dameter (2 of trucks ().04	f Reclamation ook load, dump, 0.00 s and loader e Time Adju	maneuver)	Factor 0.0 0.0 -000.0	0.425 (min.) 000 020 040 040 000 060	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C	Source of Source	3,022 3,022 ce of estimated sward of estimated sw	d volume: Divell factor: Casted Basic Cycle rial 3/4" to 6" divelled by truck 0.0 mon ownership of tant operation - Casten tanget 0.00 None	vision of t Handb Time (lameter (2) of trucks 0.04 Jet Cycle Adjusted	f Reclamation ook load, dump, 0.00 s and loader e Time Adjut Basic Cycl	maneuver)	Factor 0.0 -00. 0.0 -0. 0.0	0.425 (min.) 000 020 040 040 000 060 365	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated esti	d volume: Divell factor: Casted Basic Cycle erial 3/4" to 6" di ped by truck 0.0 mon ownership otant operation - Cinal target 0.00	vision of t Handb Time (I ameter (2 of trucks 0.04 Vet Cycle Adjusted	f Reclamation ook load, dump, 0.00 s and loader e Time Adjuted Basic Cycle no water, 2"	maneuver) rs -0.04 ustment: le Time:	Factor 0.0 0.0 -00000000.	0.425 (min.) 000 020 040 040 000 060 365	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C C	Source of Source	3,022 3,022 ce of estimated sward of estimated sw	d volume: Divell factor: Casted Basic Cycle rial 3/4" to 6" divelled by truck 0.0 mon ownership of tant operation - Caste tant operation	vision of t Handb Time (I ameter (2 of trucks 0.04 Vet Cycle Adjusted	f Reclamation ook load, dump, 0.00 s and loader e Time Adjuted Basic Cycle no water, 2"	maneuver) rs -0.04 ustment: le Time:	Factor 0.0 0.0 -00000000.	0.425 (min.) 000 020 040 040 000 060 365	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C C	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated estimate	d volume: Divell factor: Casted Basic Cycle rial 3/4" to 6" divelled by truck 0.0 mon ownership of tant operation - Cantal target 0.00 Note that the mainted dirt, little mainted directions and little directions are little directions and little directions are little directions and little directions are little direct	Time (lameter (2) of trucks 0.04 Jet Cycle Adjusted enance, 1	f Reclamation ook ood, dump, 0.00 s and loader e Time Adjuth Basic Cyclino water, 2"	maneuver) es -0.04 ustment: le Time: 'tire peneti	Factor 0.0 0.0 -00. 0.1 -0. ration 5.0	0.425 (min.) 0000 020 040 040 000 060 365	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C C	Source of Source	3,022 3,022 ce of estimated sward of estimated of estimated sward of estimated of es	d volume:	vision of thandb Time (lameter (2) of trucks 0.04 Jet Cycle Adjusted	f Reclamation ook lood, dump, 0.00 s and loader e Time Adjuted Basic Cycle no water, 2" no water, 2" colling	maneuver) rs -0.04 ustment: le Time: 'tire penets' tire penets' Total Res.	Factor 0.0 0.0 -00. 0.0 ration 5.0 Trav	0.425 (min.) 000 020 040 040 000 060 365	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
HOURI Loader C C Rolling R	Source of Source	3,022 3,022 ce of estimated swarf estimated estimated swarf estimated estimate	d volume: Divell factor: Casted Basic Cycle rial 3/4" to 6" divelled by truck 0.0 mon ownership of tant operation - Cantal target 0.00 Note that the mainted dirt, little mainted directions and little directions are little directions and little directions are little directions and little directions are little direct	vision of thandb Time (lameter (2) of trucks (2) of trucks (2) Odd Vet Cycle (Adjusted (2) enance, 1	f Reclamation ook ood, dump, 0.00 s and loader e Time Adjuth Basic Cyclino water, 2"	maneuver) es -0.04 ustment: le Time: 'tire peneti	Factor 0.0 0.0 -00. 0.0 ration 5.0 Tra (m	0.425 (min.) 0000 020 040 040 000 060 365	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes

Loader Worksheet Cont'd Task # 003 Page 2 of 2

Total Travel Time: 0.2116 minutes Total Cycle Time: 0.5766 minutes **Load Bucket Capacity** Rated Capacity: LCY (heaped) 0.53 Bucket Fill Factor: Blasted rock - avg. blasted (75 - 90%) 0.825 0.825 Adjusted Capacity: 0.44 LCY Job Condition Correction Factors Site Altitude: 10300 feet Source Altitude Adj: 0.89 (CAT HB) Job Efficiency: 0.83 (1 shift/day) Net Correction: 0.74 multiplier Unadjusted Hourly Unit Production: LCY/Hour 45.50 Adjusted Hourly Unit Production: 33.61 LCY/Hour Adjusted Hourly Fleet Production: 33.61 LCY/Hour

Fleet size:	1	Loader(s)	Total job time:	89.92	Hours
Unit cost:	\$2.350	/LCY	Total job cost:	\$7,102	

BULLDOZER WORK

Task description:	Grade waste rock to 3:1			
: Ruby Trust Mine	Permit Action	: 2021 Update	Permit/Job#:	M1979181
PROJECT IDENTIFI	<u>ICATION</u>			
Task #: 004	State: Colorad	0	Abbreviation:	None
Date: 9/10/2021	County: Ouray		Filename:	M181-004
User: LJW			-	
Agency or organ	nization name: DRMS			
HOURLY EQUIPME	NT COST			
Basic Machine: Cat	D7R DS XR Series II			
Horsepower: 240				
	ni-Universal			
Attachment: NA				
Shift Basis: 1 pe	er day			
Data Source: (CR	RG)			
Cost Breakdown:				
Cost Divardo Will		Utilization %		
Ownership Cost/Hour:	\$81.02			
Operating Cost/Hour:	\$79.33			
Ripper own. Cost/Hour:	\$0.00) NA		
Ripper op. Cost/Hour:	\$0.00	0		
			-	
Operator Cost/Hour:	\$41.30) NA		
•) NA		
Total unit Cost/Hour:	\$201.65	NA NA		
•		NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$201.65 \$201.65	NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT	\$201.65 \$201.65 ITIES	NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22	\$201.65 \$201.65 ITIES	NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,222 Swell factor: 1.000	\$201.65 \$201.65 ITIES 7	NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,222 Swell factor: 1.000	\$201.65 \$201.65 ITIES	NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,222 Swell factor: 1.000	\$201.65 \$201.65 ITIES 7 0 7 LCY			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22 Swell factor: 1.000 Loose volume: 3,222	\$201.65 \$201.65 ITIES 7 0 7 LCY ne:	NA NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,222 Swell factor: 1.000 Loose volume: 3,222 Source of estimated volume	\$201.65 \$201.65 ITIES 7 0 7 LCY ne:Division of Reclam			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 1.00	\$201.65 \$201.65 ITIES 7 0 7 LCY ne: Division of Reclam factor: Cat Handbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT	\$201.65 \$201.65 ITIES 7 0 7 LCY ne: Division of Reclam Cat Handbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 (3,22′ Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	\$201.65 \$201.65 ITIES 7 0 7 LCY me:			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 Loose volume: 3,22′ Source of estimated volumes Source of estimated swell HOURLY PRODUCT	\$201.65 \$201.65 ITIES 7 0 7 LCY me:			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 (3,22′ Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	\$201.65 \$201.65 ITIES 7 0 7 LCY me:	ation, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient:	\$201.65 \$201.65 ITIES 7 0 7 LCY ne:	ation, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.00′ Loose volume: 3,22′ Source of estimated volumes Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des	\$201.65 \$201.65 ITIES 7 0 7 LCY me:	ation, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient:	\$201.65 \$201.65 ITIES 7 0 7 LCY ne:	ation, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude:	\$201.65 \$201.65 \$1TIES 7 0 7 LCY me:	ation, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 (\$201.65 \$201.65 \$1TIES 7 0 7 LCY me:	ation, Mining & Safety or blasted 0.7 ck, 25% Earth		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 3,22′ Source of estimated volumes of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	\$201.65 \$201.65 \$1TIES 7 0 7 LCY me:	ation, Mining & Safety I or blasted 0.7 ck, 25% Earth Source		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000′ Loose volume: 3,22′ Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator St	\$201.65 \$201.65 \$1TIES 7 0 7 LCY me: Division of Reclam Cat Handbook FION 150 feet 518.9 LCY/hr cription: Rock, avg. ripped 0 % 10,300 feet 3,300 lbs/LCY Decomposed rock - 75% Ro Factor Skill: 0.750	ation, Mining & Safety I or blasted 0.7 ck, 25% Earth Source (AVG.)		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 3,22′ Swell factor: 1.000 3,22′ Source of estimated volumes of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	\$201.65 \$201.65 \$201.65 ITIES 7 0 7 LCY me:	ation, Mining & Safety I or blasted 0.7 ck, 25% Earth Source		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.2126

Adjusted unit production: 110.32 LCY/hr
Adjusted fleet production: 110.32 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.828/LCY

Total job time: 29.25 Hours
Total job cost: \$5,899

EQUIPMENT MOBILIZATION/DEMOBILIZATION

l ask description:	Haul reclamation	equipment to a	nd from site		
ite: Ruby Trust Mine	Perm	nit Action: 202	1 Update	Permit/Jo	b#: <u>M1979181</u>
PROJECT IDENTIFICA	ATION				
Task #: 005 Date: 9/10/2021 User: LJW		Colorado Ouray		Abbreviation: Filename:	None M181-005
Agency or organiza	ation name: DRN	MS			
EQUIPMENT TRANSP	ORT RIG COST	· -			
			Cost		1 per day CRG Data
Truck Tractor I	Description: GEN	NERIC ON-HIG		TRACTOR, 6X4, D HALF, 2006)	DIESEL POWERED,
Truck Trailer I	Description:	GENERIC FOL		ECK, DROP DEC , 50T, AND 100T)	•
Cost Breakdown:					
Available Rig Capacities	0-25 Tons	26-50 Ton	s 51+ Toi	ns	
Ownership Cost/Hou	r: \$21.28	\$37.94	\$47.67	1	
Operating Cost/Hou		\$50.48	\$56.21	·	
Operator Cost/Hou	· ·	\$20.54	\$20.54		
Helper Cost/Hou	ır: \$0.00	\$23.53	\$23.53	•	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$68.37

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Cat D7R DS XR	32.01	\$81.02	\$132.49	1	\$213.51	\$132.49	\$250.00
Series II							
Cat 315D L 8'-6"	19.05	\$51.47	\$68.37	1	\$119.84	\$68.37	\$250.00
Stick							
CAT 246C	3.58	\$21.64	\$68.37	1	\$90.01	\$68.37	\$250.00

\$132.49

\$147.95

Subtotals: \$423.36 \$269.23 \$750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$12.93	1	\$12.93	\$12.93

Subtotals: \$12.93 \$12.93

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

OURAY

miles

20.00

mph

Total Non-Roadable Mob/Demob Cost *
 '* two round trips with haul rig:
 Total Roadable Mob/Demob Cost **
 ** one round trip, no haul rig:

\$4,232.33

\$19.40

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.75	0.75
Return Time (Hours):	0.75	0.75
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	3.50	1.50

JOB TIME AND COST

Total job cost: 7.00 Hours

Total job cost: \$4,252