STATE OF COLCCRADO

DIVISION OF RECLAMATION, MINING AND SAFETY Department of Natural Resources

1313 Sherman St., Room 215 Denver, Colorado 80203 Phone: (303) 866-3567 FAX: (303) 832-8106



COLORADO DIVISION OF RECLAMATION MINING —&— SAFETY

John W. Hickenlooper Governor

Mike King Executive Director

Loretta E. Pineda Director

Randy McClure Rio Grande Silver, Inc. PO Box 610 Creede, CO 81130

Re: Financial Warranty Reduction (SR-1), San Juan Silver Project, File No. P-2008-037

Dear Mr. McClure

On May 24, 2012 the Division performed an inspection to assess the amount of completed reclamation at the above-named project. (The Division's inspection report will be mailed under separate cover.) Representatives from the U.S. Forest Service (USFS) also participated in the joint inspection of the reclamation, since several of the drill sites in the project are on USFS-managed land.

Based on observations of which reclamation tasks remain to be completed, the Division has recalculated the required bond amount that must remain posted for this project. The breakdown of those costs is shown in the enclosed packet. Please review these figures and contact me if you see any errors or omissions. The Division has sent a copy of this letter and the enclosure to the U.S. Forest Service for their review and comment.

On June 4, 2012, the Division approved the financial warranty reduction request for the above prospect.

The financial warranty currently posted for this project is a Statewide prospecting bond: Safeca surety no. 6575235, in the amount of \$58,909. <u>The Division's recalculated reclamation costs indicate that the amount of bond required may be reduced to \$5,826</u>. This is a reduction of \$53,083.

The Division appreciates the reclamation that Rio Grande Silver has performed to-date. Please contact me if you have any questions.

Sincerely,

Bob Oswald Environmental Protection Specialist

Encl: Reclamation cost recalculation, 6/4/12.

Ec(w/encl): Steve Shuey, Grand Junction DRMS Barbara Coria, Denver DRMS Nicolas Sandoval, USFS Monte Vista

(c:\12-06 docs\SJSP SR-1 appr/rco)

COST SUMMARY WORK

Task descr	iption:	Cost summary			
e: <u>San Jua</u>	n Silver Proje	ct Permit Action	n: SR-1	Permit/Job#:	P2008037
PROJEC	T IDENTIFI	CATION			
Task #:	000	State: Colorad	lo	Abbreviation:	None
Date:	6/4/2012	County: Minera	1	Filename:	P037-000
User:	RCO				

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfill pad sumps (BD Pad-6)	DOZER	1	0.39	\$61.30
002	Pull up material for recontouring pad area (BD Pad-6)	EXCAVATE	1	2.00	\$218.00
003	Recontour grading of pad area (BD Pad-6)	DOZER] 1	2.54	\$397.54
004	Remove and dispose of debris	DEMOLISH] 1	2.00	\$169.75
005	Recontour roughed-in road to BD Pad-7	EXCAVATE] 1	1.00	\$109.00
006	Rip compaction on BD Pad-6 and short access road	RIPPER] 1	0.49	\$77.00
007	Respread topsoil on pad area (BD Pad-6)	DOZER] 1	0.98	\$152.47
008	Revegetate remaining disturbed areas	REVEGE] 1	4.00	\$334.28
009	Haul reclamation equipment to and from site	MOBILIZE	1	6.50	\$2,445.11
		<u>SUBTO</u>	<u>TALS:</u>	19.9	\$ \$3,964.45

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insura	ince:	2.02	Total =	\$80.08
Performance b	ond:	1.05	Total =	\$41.63
Job superintend	lent:	9.95	Total =	\$590.04
P	ofit:	10.00	Total =	\$396.45
			TOTAL O & P =	\$1,108.20
			CONTRACT AMOUNT (direct + O & P) =	\$5,072.65

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	500.00	Total =	500.00
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0.00
Reclamation management and/or administration:	5.00		\$253.63
-			
CONTINGENCY:	0.00	Total =	\$0.00
	T	OTAL INDIRECT COST =	\$1,861.83
TOTAL BO	OND AMO	UNT (direct + indirect) =	\$5,826.28

í.

BULLDOZER WORK

Task descripti	on:	Backfill p	ad sum	ps (BD Pad	-6)			
: San Juan S	ilver Proje	ct	Perr	nit Action:	SR-1		Permit/Job#:	P2008037
PROJECT 1	DENTIF	ICATION						
Task #:	001		State:	Colorado			Abbreviation:	None
Date:	6/4/2012	C(ounty:	Mineral	·		Filename:	P037-001
User:	RCO						-	
Ager	icy or organ	nization name	: <u>DR</u>	MS				
HOURLY E	QUIPME	NT COST						
Basic Mach		D6T LGP						
Horsepo					_			
Blade T		light						
Attachm		ank ripper						
Shift Ba		er day						
Data Sou					_			
		(
Cost Breakdoy	<u>vii</u> :				T T4	ilization %		
Ownership C	ost/Hour		\$49.25		<u> </u>	NA		
Ownership C Operating C			\$68.58			100		
Ripper op. C			\$0.00			0		
Operator C			\$38.49			NA NA		
Operation C	03011041.		\$J0.7J			INA		
Total unit Cost	t/Hour:	\$0.00						
Total Fleet Co	st/Hour:	\$156.32						
MATERIAL	QUANT	ITIES						
Truitial Malare	50							
Initial Volun Swell fact								
Loose volun								
Loose volui								
Source of estin				of Reclamati	on, Mining	g & Safety		
Source of estin	nated swell	factor: Ca	t Hand	book				
HOURLY P	RODUCT	TON						
Average push	distances	50 fe	at					
Unadjusted ho			6 LCY/	h#				
Unadjusted no	urry produc	444.		ш				
Materials cons	istency des	cription:	Compac	cted fill or en	nbankmen	t 0.9		
Average push ;	eradient:	0 %						
Average site al		11,600 feet	- <u></u> <u>-</u>					
0		,						
Material weigh	it:	2,900 lbs/L	CY				-0:	
Weight descrip	tion:	Decompose	d rock	- 50% Rock,	50% Eart	n		
Job Condition	<u>Correction</u>	Factor_				Source		
	Operator S		0.3	750		(AVG.)		
Mater	ial consiste		0.9	900		(CAT HB))		
	Dozing met							

Visibility	7: 1.000	(AVG.)
Job efficiency	y: 0.830	(1 SHIFT/DAY)
Spoil pile	e: 0.800	(FND-RF)
Push gradien	t: 1.000	(CAT HB)
Altitude	e: 0.940	(CAT HB)
Material Weigh	t: 0.793	(CAT HB)
Blade type	e: 1.000	(PAT)
Net correction	n:0.3341	
Adjusted unit production:	148.54 LCY/hr	
Adjusted fleet production:	148.54 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$1.052/LCY

Total job time:	0.39 Hours
Total job cost:	\$61.30

HYDRAULIC EXCAVATOR WORK

: San Juan Silver Proj				(BD Pad-6)	
	ect Per	rmit Action:	SR-1	Permit/	Job#: <u>P2008037</u>
PROJECT IDENTIF	ICATION				
Task #: 002 Date: 6/4/2012 User: RCO	State: County:	Colorado Mineral		Abbreviat: Filena	
Agency or orga	inization name:	RMS			
HOURLY EQUIPMI	<u>ENT COST</u>				
Basic Machine: Attachment 1:	Cat 320D L 9'-6" ROPS Cab	Stick		Horsepower: Weight (MT): Shift Basis: Data Source:	148 21.55 1 per day (CRG)
Cost Breakdown:					
Ownership Cost/ Operating Cost/ Operator Cost/ Total Unit Cost/	Hour: \$45 Hour: \$38	.70 .67	Utilization % NA 100 NA		
Total Fleet Cost	/Hour:\$109	9.00			
	FITIES 404 404	CCY LCY	Swell fac	otor: <u>1.000</u>	-
	of estimated volume stimated swell factor			Mining & Safety	
HOURLY PRODUC	TION				
Excavator Cycle Time (1	oad bucket, swing lo	aded, dump	bucket, swing en	<u>ıpty):</u>	
		ъ · т і /			
			Condition Descrip		
	Secondary Job C		hin Basic Descrip	otion: AVERAGE	
Load Bucket Capacity	Secondary Job C			otion: AVERAGE	minutes
		ondition wit	hin Basic Descrip Cycle Time V	otion: AVERAGE	minutes
Load Bucket Capacity Rated Capacity Bucket Fill Facto	y: <u>1.54</u> pr: <u>0.900</u>	LCY (he Other - s	hin Basic Descrif Cycle Time V eaped)	otion: AVERAGE Value: 0.284	
Rated Capacity	y: <u>1.54</u> yr: <u>0.900</u>	Condition wit	hin Basic Descrif Cycle Time V eaped)	otion: AVERAGE Value: 0.284 Bucket Size Class:	
Rated Capacit Bucket Fill Facto	y: <u>1.54</u> y: <u>0.900</u> y: 1.39	LCY (he Other - s	hin Basic Descrip Cycle Time V eaped) soil, boulders, roo	otion: AVERAGE Value: 0.284 Bucket Size Class:	Medium
Rated Capacity Bucket Fill Facto Adjusted Capacity	y: <u>1.54</u> y: <u>0.900</u> y: 1.39	LCY (he Other - s	hin Basic Descrip Cycle Time V eaped) soil, boulders, roo Sit e B) lay)	value: 0.284 Bucket Size Class: bts (80 -100%) 0.900	Medium
Rated Capacit Bucket Fill Facto Adjusted Capacit Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	y: <u>1.54</u> pr: <u>0.900</u> y: <u>1.39</u> n Factors <u>0.83</u> <u>0.83</u> <u>0.69</u> adjusted Hourly Unit Adjusted Hourly Unit	LCY (he Other - s LCY LCY Source (CAT H (1 shift/d multiplie t Production	hin Basic Descrip Cycle Time V eaped) soil, boulders, roc Sit e B) B) ar : 292.82 : 201.72	tion: <u>AVERAGE</u> value: <u>0.284</u> Bucket Size Class: ots (80 -100%) 0.900 ve Altitude: <u>11600</u> feet <u>LCY/Hour</u> LCY/Hour	Medium
Rated Capacit Bucket Fill Facto Adjusted Capacit Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Uni A	y: <u>1.54</u> r: <u>0.900</u> y: <u>1.39</u> n Factors <u>0.83</u> <u>0.83</u> <u>0.69</u> adjusted Hourly Unit Adjusted Hourly Unit Adjusted Hourly Flee	LCY (he Other - s LCY LCY Source (CAT H (1 shift/d multiplie t Production	hin Basic Descrip Cycle Time V eaped) soil, boulders, roc Sit e B) B) ay T 292.82 201.72	tion: AVERAGE value: 0.284 Bucket Size Class: ots (80 -100%) 0.900 ve Altitude: <u>11600</u> feet LCY/Hour	Medium
Rated Capacit Bucket Fill Facto Adjusted Capacit Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	y: <u>1.54</u> r: <u>0.900</u> y: <u>1.39</u> n Factors <u>0.83</u> <u>0.83</u> <u>0.69</u> adjusted Hourly Unit Adjusted Hourly Unit Adjusted Hourly Flee	LCY (he Other - s LCY LCY Source (CAT H (1 shift/d multiplie t Production	hin Basic Descrip Cycle Time V eaped) soil, boulders, roc Sit e B) B) ar : 292.82 : 201.72	tion: <u>AVERAGE</u> value: <u>0.284</u> Bucket Size Class: ots (80 -100%) 0.900 ve Altitude: <u>11600</u> feet <u>LCY/Hour</u> LCY/Hour	Medium
Rated Capacit Bucket Fill Facto Adjusted Capacit Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Un: A JOB TIME AND CO	y: <u>1.54</u> r: <u>0.900</u> y: <u>1.39</u> n Factors <u>0.83</u> <u>0.83</u> <u>0.69</u> adjusted Hourly Unit Adjusted Hourly Unit Adjusted Hourly Flee	LCY (he Other - s LCY LCY Source (CAT H (1 shift/d multiplie t Production t Production	hin Basic Descrip Cycle Time V eaped) soil, boulders, roc Sit e B) B) ar : 292.82 : 201.72	tion: <u>AVERAGE</u> value: <u>0.284</u> Bucket Size Class: ots (80 -100%) 0.900 ve Altitude: <u>11600</u> feet <u>LCY/Hour</u> LCY/Hour	Medium

BULLDOZER WORK

		ir grading of pad a				
: San Juan Silver Pro	oject	Permit Action:	SR-1	Perm	it/Job#:	P2008037
PROJECT IDENTI	FICATION					
Task #: 003		State: Colorado		Abbrevi	ation:	None
Date: 6/4/2012	C	ounty: Mineral		Filer	name:	P037-003
User: RCO		•			_	
Agency or org	ganization nam	e: DRMS				
HOURLY EQUIPM	IENT COST					
	Cat D6T LGP					
· · _	00 Iteraicht					
	traight					
	-shank ripper					
	per day					
Data Source:	CRG)					
Cost Breakdown:						
			Utilizatio	<u>n %</u>		
Ownership Cost/Hour		\$49.25	NA			
Operating Cost/Hour	:	\$68.58	100			
Ripper op. Cost/Hour	···	\$0.00	0			
Operator Cost/Hour		\$38.49	NA			
		400.1 2				
Tetel	-	<i>\\</i>				
Total unit Cost/Hour:	\$0.00					
Total Fleet Cost/Hour:	\$0.00 \$156.32					
Total Fleet Cost/Hour: <u>MATERIAL OUAN</u> Initial Volume: <u>40</u>	\$0.00 \$156.32		NA			
Total Fleet Cost/Hour: <u>MATERIAL QUAN</u> Initial Volume: <u>40</u> Swell factor: <u>1.0</u>	\$0.00 \$156.32		NA			
Total Fleet Cost/Hour: MATERIAL OUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40	\$0.00 \$156.32 NTITIES 14 14 1000 14 LCY		·			
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated volume 40	\$0.00 \$156.32 VTITIES 4 000 4 LCY lume:	 vivision of Reclama	·	fety		
Total Fleet Cost/Hour: MATERIAL OUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40	\$0.00 \$156.32 VTITIES 4 000 4 LCY lume:		·	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40	\$0.00 \$156.32 XTITIES 4 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u>	 vivision of Reclama	·	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated volume 40	\$0.00 \$156.32 XTITIES 4 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u>	 vivision of Reclama	·	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUCE 40	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION	Pivision of Reclama Pat Handbook	·	fety		
Total Fleet Cost/Hour: MATERIAL OUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol Source of estimated vol Source of estimated sw HOURLY PRODUC Average push distance:	\$0.00 \$156.32 XTITIES 4 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION _50 f	Pivision of Reclama Pat Handbook	·	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUCE 40	\$0.00 \$156.32 XTITIES 4 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION _50 f	Pivision of Reclama Pat Handbook	·	fety		
Total Fleet Cost/Hour: MATERIAL OUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol Source of estimated vol Source of estimated sw HOURLY PRODUC Average push distance:	\$0.00 \$156.32 VTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>50 f</u>	Pivision of Reclama Pat Handbook	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency distance:	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>50 f</u> luction: <u>444</u>	Pivision of Reclama Pat Handbook	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: 40	\$0.00 \$156.32 VTITIES 4 000 4 LCY lume: <u>E</u> ell factor: <u>C</u> CTION luction: <u>50 f</u> luction: <u>444</u> lescription: <u></u>	Pivision of Reclama Pivision of Reclama Partly consolidated	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency distance:	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>50 f</u> luction: <u>444</u>	Pivision of Reclama Pivision of Reclama Partly consolidated	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude:	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>444</u> lescription: <u>-</u> <u>0 %</u> 11,600 fee	Pivision of Reclama Pivision of Reclama Pivision of Reclama Partly consolidated t	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: 40	\$0.00 \$156.32 VTITIES 4 000 4 LCY lume: <u>E</u> ell factor: <u>C</u> CTION luction: <u>50 f</u> luction: <u>444</u> lescription: <u></u>	Pivision of Reclama Pivision of Reclama Pivision of Reclama Partly consolidated t	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude:	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>E</u> cell factor: <u>C</u> CTION luction: <u>50 f</u> luction: <u>444</u> lescription: <u>-</u> <u>0 %</u> 11,600 fee 2,900 lbs/J	Pivision of Reclama Pivision of Reclama Pivision of Reclama Partly consolidated t	tion, Mining & Sa 	fety		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod 40 Average push gradient: Average site altitude: Material weight: Weight description:	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>444</u> lescription: <u>-</u> <u>0 %</u> <u>11,600 fee</u> <u>2,900 lbs/l</u> <u>Decompos</u>	Pivision of Reclama Pivision of Reclama Pivision of Reclama Cat Handbook Feet .6 LCY/hr Partly consolidated t	tion, Mining & Sa 			
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction 100	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>444</u> lescription: <u>-</u> <u>0 %</u> <u>11,600 fee</u> <u>2,900 lbs/l</u> <u>Decompos</u> on Factor	Pivision of Reclama Pivision of Reclama Part Handbook Reet .6 LCY/hr Partly consolidated t LCY reed rock - 50% Rock	tion, Mining & Sa 	<u>urce</u>		
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 40 Swell factor: 1.0 Loose volume: 40 Source of estimated vol 50 Source of estimated sw 40 HOURLY PRODUC Average push distance: Unadjusted hourly prod 40 Average push gradient: Average site altitude: Material weight: Weight description:	\$0.00 \$156.32 XTITIES 4 000 4 LCY lume: <u>D</u> ell factor: <u>C</u> CTION luction: <u>444</u> lescription: <u>-</u> <u>0 %</u> <u>11,600 fee</u> <u>2,900 lbs/J</u> <u>Decompos</u> on Factor or Skill;	Pivision of Reclama Pivision of Reclama Pivision of Reclama Cat Handbook Feet .6 LCY/hr Partly consolidated t	tion, Mining & Sa tion, Mining			

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	0.940	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.3573	
Adjusted unit production: 15	58.86 LCY/hr	
Adjusted fleet production: 15	58.86 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.984/LCY

Total job time:	2.54 Hours
Total job cost:	\$397.54

DEMOLITION WORK

ſ	Task description:	Remove and dispose of del	oris	 		
Site:	San Juan Silver Project	Permit Action:	SR-1	 Permit/J	ob#: <u>P2008037</u>	
<u>PROJE</u>	CT IDENTIFICATION					
Task #: Date: User:	6/4/2012	State: <u>Colorado</u> County: <u>Mineral</u>		 eviation: ilename:	None P037-004	
	Agency or organizati	on name: DRMS				

UNIT COSTS

Location adjustment: 99.50 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Load misc debris at site	2 cu yds	Loading and 5 mile haul, salvage allowed - Wood frame structures	2.00	CY	\$15.30	\$30.60
Dispose cost of misc debris	2 cu yds	Dump fees - Rubbish only	2.00	CY	\$70.00	\$140.00

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	2.00	(unadjusted):	\$170.60	location):	\$169.75

HYDRAULIC EXCAVATOR WORK

San Juan Silver Project			to BD Pad-7			
San Suan Shver 110 jec	t Per	mit Action:	SR-1		Permit/Job#:	P2008037
PROJECT IDENTIFIC	CATION					
Task #: 005 Date: 6/4/2012 User: RCO	State: County:	Colorado Mineral		A	bbreviation: Filename:	None P037-005
Agency or organiz	zation name: DF	RMS				
HOURLY EQUIPMEN	T COST					
	Cat 320D L 9'-6" S	stick		Horsepower		148
	COPS Cab			Weight (MT)		1.55
				Shift Basis		er day
				Data Source		CRG)
Cost Breakdown:		I	Utilization %			
Ownership Cost/Ho	our: \$24.0	53	NA			
Operating Cost/Ho			100			
Operator Cost/Ho			NA	_		
Total Unit Cost/Ho	our: <u>\$109</u> .	00				
Total Fleet Cost/He	our:\$109	.00				
MATERIAL QUANTI	LIES					
Initial volume: 300		CCY	Swell fac	tor: 1.000		
Loose volume: 300		_ LCY				
Source of	estimated volume:	Division	of Declamation	Mining & Ca	Sec	
	nated swell factor:	Cat Hand	of Reclamation,	winning & Sa	ety	
Source of estin	nated swell lactor.		JUUUK			
HOURLY PRODUCTI	ON					
xcavator Cycle Time (load	hucket swing log	ded dump b	ucket swing en	ntv).		
excavator Cycle Time (load		-				
excavator Cycle Time (load	-	Basic Job C	ondition Descrip	otion: <u>ABO</u>	VE AVERAC	Æ
excavator Cycle Time (load		Basic Job C	ondition Descrip in Basic Descrip	otion: ABO otion: AVE	RAGE	
oad Bucket Capacity	-	Basic Job C	ondition Descrip	otion: ABO otion: AVE	RAGE	E minutes
	-	Basic Job C	ondition Descrip in Basic Descrip	otion: <u>ABO</u> tion: <u>AVE</u> alue: <u>0.234</u>	RAGE	minutes
	-	Basic Job C	ondition Descrip in Basic Descrip Cycle Time V	otion: ABO otion: AVE	RAGE	
oad Bucket Capacity Rated Capacity: Bucket Fill Factor:	Secondary Job Co <u>1.54</u> <u>1.100</u>	Basic Job Condition with LCY (hea Other - ro	ondition Descrip in Basic Descrip Cycle Time V	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz	RAGE	minutes
oad Bucket Capacity Rated Capacity:	Secondary Job Co	Basic Job Condition with	ondition Descrip in Basic Descrip Cycle Time V aped)	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz	RAGE	minutes
oad Bucket Capacity Rated Capacity: Bucket Fill Factor:	Secondary Job Co <u>1.54</u> <u>1.100</u> 1.69	Basic Job Condition with LCY (hea Other - ro	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz	RAGE e Class: <u>M</u>) 1.100	minutes
oad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor	1.54 1.100 1.69 actors	Basic Job Condition with LCY (hea Other - ro	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz (100-120%	RAGE e Class: <u>M</u>) 1.100	minutes
oad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor Altitude Adj:	Secondary Job Co <u>1.54</u> <u>1.100</u> <u>1.69</u> <u>actors</u> 0.83	Basic Job C ondition with LCY (hea Cter LCY Source (CAT HE	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz (100-120%	RAGE e Class: <u>M</u>) 1.100	minutes
Coad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: Ob Condition Correction Factor Altitude Adj: Job Efficiency:	1.54 1.100 1.69 actors 0.83 0.83	Basic Job C mdition with LCY (hea LCY Source (CAT HE (1 shift/da	ondition Descrip in Basic Descrip Cycle Time V aped) ack/dirt mixtures Sit	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz (100-120%	RAGE e Class: <u>M</u>) 1.100	minutes
oad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor Altitude Adj:	Secondary Job Co <u>1.54</u> <u>1.100</u> <u>1.69</u> <u>actors</u> 0.83	Basic Job C ondition with LCY (hea Cter LCY Source (CAT HE	ondition Descrip in Basic Descrip Cycle Time V aped) ack/dirt mixtures Sit	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz (100-120%	RAGE e Class: <u>M</u>) 1.100	minutes
Coad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor Altitude Adj: Job Efficiency: Net Correction: Unadj	Secondary Job Co 1.54 1.100 1.69 actors 0.83 0.83 0.69 usted Hourly Unit	Basic Job C ondition with LCY (hea Other - ro CY Source (CAT HE (1 shift/da multiplier Production:	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit 3) y) 434.36	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz (100-120% e Altitude: <u>11</u> LCY/Hor	RAGE e Class: <u>M</u>) 1.100 600 feet	minutes
Coad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor Altitude Adj: Job Efficiency: Net Correction: Unadj Adj	1.54 1.100 1.69 actors 0.83 0.83 0.69 usted Hourly Unit usted Hourly Unit	Basic Job C mdition with LCY (hea LCY Source CAT HE (1 shift/da tiplier Production: Production:	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit 3) y) 434.36 299.23	ABO ption: AVE alue: 0.234 Bucket Size (100-120%) (100-120%) (100-120%) e Altitude: 11 LCY/Hor LCY/Hor	RAGE e Class: <u>M</u>) 1.100 600 feet Ir	minutes
Coad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor Altitude Adj: Job Efficiency: Net Correction: Unadj Adj	Secondary Job Co 1.54 1.100 1.69 actors 0.83 0.83 0.69 usted Hourly Unit	Basic Job C mdition with LCY (hea LCY Source CAT HE (1 shift/da tiplier Production: Production:	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit 3) y) 434.36	otion: <u>ABO</u> otion: <u>AVE</u> alue: <u>0.234</u> Bucket Siz (100-120% e Altitude: <u>11</u> LCY/Hor	RAGE e Class: <u>M</u>) 1.100 600 feet Ir	minutes
Coad Bucket Capacity Rated Capacity: Bucket Fill Factor: Adjusted Capacity: ob Condition Correction Factor Altitude Adj: Job Efficiency: Net Correction: Unadj Adj	1.54 1.100 1.69 actors 0.83 0.69 usted Hourly Unit usted Hourly Unit usted Hourly Fleet	Basic Job C mdition with LCY (hea LCY Source CAT HE (1 shift/da tiplier Production: Production:	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit 3) y) 434.36 299.23	ABO ption: AVE alue: 0.234 Bucket Size (100-120%) (100-120%) (100-120%) e Altitude: 11 LCY/Hor LCY/Hor	RAGE e Class: <u>M</u>) 1.100 600 feet Ir	minutes
Altitude Adj: Job Efficiency: Net Correction: Unadj Adjusted Job Efficiency: Net Correction: Unadj Adju	1.54 1.100 1.69 actors 0.83 0.69 usted Hourly Unit usted Hourly Unit usted Hourly Fleet	Basic Job Condition with LCY (hear Other - rec LCY Source (CAT HE (1 shift/da multiplier Production: Production: Production: Production:	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit 3) y) 434.36 299.23	ABO ption: AVE alue: 0.234 Bucket Size (100-120%) (100-120%) (100-120%) e Altitude: 11 LCY/Hot LCY/Hot LCY/Hot	RAGE e Class: <u>M</u>) 1.100 600 feet Ir	minutes
Altitude Adj: Job Efficiency: Net Correction: Unadj Adjusted Capacity: Altitude Adj: Job Efficiency: Net Correction: Unadj Adju Adju	1.54 1.100 1.69 actors 0.83 0.69 usted Hourly Unit usted Hourly Unit isted Hourly Fleet Excavate	Basic Job Condition with LCY (hear Other - rec LCY Source (CAT HE (1 shift/da multiplier Production: Production: Production: Production:	ondition Descrip in Basic Descrip Cycle Time V aped) ock/dirt mixtures Sit 3) y) 434.36 299.23 299.23	ABO otion: AVE alue: 0.234 Bucket Size (100-120%) (100-120%) (100-120%) e Altitude: 11 LCY/Hot LCY/Hot LCY/Hot 1.	RAGE e Class: <u>M</u>) 1.100 600 feet Ir Ir	minutes

BULLDOZER RIPPING WORK

í	Task description:	Rip compaction or	n BD Pad-6	and short acces	ss road	·	-
Site:	<u>San Juan Silver</u>	Project Perm	it Action: _	SR-1	Permit/Job#	t: P2008037	
-	PROJECT IDEN	NTIFICATION					
	Task #: 006	State:	Colorado		Abbreviation:	None	
	Date: 6/4/2		Mineral	···· ·	Filename:	P037-006	
	User: RCO		-				
	Agency of	r organization name:DRM	AS				
]	HOURLY EQUI	PMENT COST					
	Basic Ma	achine: Cat D6T LGP			Horsepower:	200	
	Ripper Attac	hment: 3-Shank Ripper				per day	
				_	Data Source: ((CRG)	
(Cost Breakdown:						
-				T	Utilization %		
		Ownership Cost/Hour:	\$49.	25	NA		
		Operating Cost/Hour:	\$68.	58	100		
	Ripper	Operating Cost/Hour:	\$0.0		100		
		Operator Cost/Hour:	\$38.		NA		
		Total Unit Cost/Hour:	\$156	.32			
		Total Fleet Cost/Hour:	\$156	.32			
]	MATERIAL QU	ANTITIES	Selea	cted estimating n	nethod: Area		
-	Alternat <u>e Methods:</u>			Ū.			-
ismic:	NA		Volume:	NA	BCY	NA	
Area:	0.25			1.00	Volume: 403		Y or CC
		Source of estimated quantity:	NOI pla	in			
]	HOURLY PROI	DUCTION					
2	Seismic:	Seismic Veloci		NA	feet/second		
	1	Seisinie veroer		INA			
4	Area:						
		Average Ripping Dep		1.64	mph		
		Average Ripping Wid		6.58	degrees		
		Average Ripping Leng		100.00	feet		
		Average Dozer Spec		88.00	feet		
		Average Maneuver Tin		0.25	feet		
_		Production per unit are	ea:	0.654	acres/hour		
<u>_</u>	Job Condition Corre						
	Unad	justed Hourly Unit Production	on:	0.654	Acres/hr		
		Site Altitud		11,600	feet		
		Altitude A	-	0.94	(CAT HB)		
		Job Efficience	-	0.83	(1 shift/day)		
		Net Correction	on:	0.78	multiplier		
		Adjusted Hourly Unit Pr	roduction:	0.51	Acres/hr		
		Adjusted Hourly Fleet Pr		0.51	Acres/hr		
J	IOB TIME AND	COST					
	Fleet size:	1 Grader(s)		Total job time:	0.49	Hours	
	Unit cost:	\$306.476 Per acre		Total job cost:	\$77.00		
	Omi cost.	4500.770 I EI dole		Total job cost:	\$77.00		

BULLDOZER WORK

San Juan Silver Pro	ject Permit A	ction: <u>SR-1</u>	Permit/Jo	ob#: <u>P2008037</u>
PROJECT IDENTI	FICATION			
Task #: 007		lorado	Abbreviatio	
Date: 6/4/2012	County: Mi	neral	Filenan	ne: P037-007
User: <u>RCO</u>				
Agency or org	anization name: DRMS			
HOURLY EQUIPM	ENT COST			
Basic Machine: Ca	at D6T LGP			
Horsepower: 20	00			
Blade Type: St	raight			
	shank ripper			
	per day			
````	·			
Cost Breakdown:		T Teilinetia	n 0/	
Ownership Cost/Hour:	\$49.25	Utilizatio NA	<u>41 70</u>	
Operating Cost/Hour:	-	100		
Ripper op. Cost/Hour:		0		
Operator Cost/Hour:	\$38.49	NA		
Total unit Cost/Hour:	\$0.00			
Total Fleet Cost/Hour:	\$156.32			
MATERIAL QUAN	тітіғс			
MALLALAL VUAN	111105			
Initial Volume: 185	5			
Initial Volume: 185 Swell factor: 1.0				
Initial Volume:185Swell factor:1.00Loose volume:185	00 5 LCY		c .	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volume	00 5 LCY ume: Division of Rea	clamation, Mining & Sa	fety	
Initial Volume:185Swell factor:1.00Loose volume:185	00 5 LCY ume: Division of Rea	clamation, Mining & Sa	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe	00 5 LCY ume: Division of Rea Il factor: Cat Handbook	clamation, Mining & Sa	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volume	00 5 LCY ume: Division of Rea Il factor: Cat Handbook	clamation, Mining & Sa	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC	00 5 LCY ume: Division of Rea Il factor: Cat Handbook	clamation, Mining & Sa	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC	00 5 LCY ume: Division of Rea cll factor: Cat Handbook CTION 50 feet	clamation, Mining & Sa	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC	00 5 LCY ume: Division of Rea cll factor: Cat Handbook CTION 50 feet	clamation, Mining & Sa	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC	00 5 LCY ume: Division of Rec cat Handbook CTION 50 feet uction: 444.6 LCY/hr		fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ	00 5 LCY ume: Division of Realistic constraints 11 factor: Cat Handbook CTION action: 50 feet 444.6 LCY/hr escription: Loose stockp		fety	
Initial Volume: <u>185</u> Swell factor: <u>1.00</u> Loose volume: <u>185</u> Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	00 5 LCY ume: Division of Realistic control of Cat Handbook CTION cution: 50 feet uction: 444.6 LCY/hr escription: Loose stockp 0 %		fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ	00 5 LCY ume: Division of Realistic constraints 11 factor: Cat Handbook CTION action: 50 feet 444.6 LCY/hr escription: Loose stockp		fety	v
Initial Volume: <u>185</u> Swell factor: <u>1.00</u> Loose volume: <u>185</u> Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	00 5 LCY ume: Division of Realistic control of Cat Handbook CTION cution: 50 feet uction: 444.6 LCY/hr escription: Loose stockp 0 %		fety	()
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude:	00 5 LCY ume: Division of Reconstruction: Cat Handbook CTION auction: 50 feet 444.6 LCY/hr escription: Loose stockp 0 % 11,600 feet	bile 1.2	fety	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description:	00 5 LCY ume: Division of Reconstruction of Reconstruction 201 factor: Cat Handbook 27 TION uction: 50 feet 444.6 LCY/hr escription: Loose stockp 0 % 11,600 feet 2,650 lbs/LCY Decomposed rock - 25%	bile 1.2		
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Iob Condition Correction	00 5 LCY ume: Division of Reconstruction of Reconstruction Cat Handbook CTION uction: 50 feet uction: 444.6 LCY/hr escription: Loose stockp 0 % 11,600 feet 2,650 lbs/LCY Decomposed rock - 25% n Factor Factor	bile 1.2	<u>urce</u>	
Initial Volume: 185 Swell factor: 1.0 Loose volume: 185 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description:	00 5 LCY ume: Division of Rec cat Handbook 2TION action: 50 feet action: 444.6 LCY/hr escription: Loose stockp 0 % 11,600 feet 2,650 lbs/LCY Decomposed rock - 25% n Factor 0.750	bile 1.2		

ty: 1.000	(AVG.)
y: 0.830	(1 SHIFT/DAY)
le: 0.700	(FND-MF)
nt: 1.000	(CAT HB)
le: 0.940	(CAT HB)
nt: 0.868	(CAT HB)
ne: 1.000	(PAT)
n: 0.4266	
189.67 LCY/hr	
189.67 LCY/hr	
	y: 0.830 le: 0.700 nt: 1.000 le: 0.940 nt: 0.868 pe: 1.000 nn: 0.4266

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.824/LCY
Total job time:	0.98 Hours
Total job cost:	\$152.47

Task includes handling slash cover during reclamation. Volume is estimated for 6-inch average depth over area.

REVEGETATION WORK

San Juai	n Silver Project	Perr	mit Action:	SR-1	Permit/Job#:	P2008037
PROJEC	<u> TIDENTIFICA</u>	TION				
Task #:	008	State:	Colorado		Abbreviation:	None
Date:	6/4/2012	County:	Mineral		Filename:	P037-008
User:	RCO					

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer Materials Cost/Acre	\$0.00

Application

Description		Cost /Acre
		\$
	Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description		Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)		\$145.20
	Total Tilling Cost/Acre	\$145.20

<u>SEEDING</u>

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Mountain Brome - Bromar	3.90	6.27	\$12.99
Slender Wheatgrass - San Luis	4.40	16.06	\$15.97
Streambank Wheatgrass - Sodar	2.30	7.50	\$9.48
Fireweed	0.26	47.06	\$74.88
Totals Seed Mix	10.86	76.89	\$113.32

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$255.76

Total Seed Application Cost/Acre \$255

\$255.76

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
			Totals Nursery Sto	ck Cost / Acre	\$0.00

JOB TIME AND COST

Estimate *Selected Replantin		30%	Cost /Acre: Cost /Acre*:	
Initial Job Cost: Reseeding Job Cost: Total Job Cost: Job Hours:	\$77.14 \$334.28			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

	er Project	Permit A	Action: SR-1	_	Pe	ermit/Job#:	P2008037
PROJECT IDI	ENTIFICAT	ION					
Task #: 009)	State: Co	olorado		Abbr	eviation:	None
Date: 6/4/	/2012		ineral			ilename:	P037-009
User: RC	0	54				-	
Agency	or organizatio	n name: DRMS					
EQUIPMENT	TRANSPOL	RT RIG COST					
					Shift ba	asis: 1	per day
					Cost Data Sou		RG Data
Truc	k Tractor Desc	cription: GEN	ERIC ON-HIGH		UCK TRACTO (2ND HALF,		IESEL POWERED,
Truc	k Trailer Desc	ription: GENE	RIC FOLDING				JIPMENT TRAILER
		- 			, 50T, AND 10		
Cost Breakdown:					·		
Cost Breakdown:							
Available Rig Ca		0-25 Tons	26-50 Tons		+ Tons		
Available Rig Ca Ownershir	Cost/Hour:	\$16.63	\$18.37	\$	22.33		
Available Rig Ca Ownershir Operating	o Cost/Hour: g Cost/Hour:	\$16.63 \$44.38	\$18.37 \$46.13	\$	22.33 50.07		
Available Rig Ca Ownershir Operating Operator	o Cost/Hour: g Cost/Hour: r Cost/Hour:	\$16.63 \$44.38 \$27.66	\$18.37 \$46.13 \$27.66	\$ \$	22.33 50.07 27.66		
Available Rig Ca Ownership Operating Operator Helper	o Cost/Hour: g Cost/Hour:	\$16.63 \$44.38	\$18.37 \$46.13	\$ \$ \$ \$	22.33 50.07		
Available Rig Ca Ownership Operating Operator Helper	c Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour:	\$16.63 \$44.38 \$27.66 \$0.00	\$18.37 \$46.13 \$27.66 \$25.39	\$ \$ \$ \$	22.33 50.07 27.66 25.39		
Available Rig Ca Ownership Operating Operator Helper Total Unit	o Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour:	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67	\$18.37 \$46.13 \$27.66 \$25.39	\$ \$ \$ \$	22.33 50.07 27.66 25.39	,	
Available Rig Ca Ownership Operating Operator Helper Total Unit	o Cost/Hour: g Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour:	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67	\$18.37 \$46.13 \$27.66 \$25.39	\$ \$ \$ \$	22.33 50.07 27.66 25.39 25.45	Return T	Tip DOT Permi
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADAH Machine	Cost/Hour: Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: BLE EQUIP Weight/ Unit	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT:	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55	\$ \$ \$ \$ \$ \$	22.33 50.07 27.66 25.39		
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADAH Machine Description	Cost/Hour: Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: BLE EQUIP Weight/ Unit (TONS)	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit	\$ \$ \$ \$ \$ \$ \$ \$ \$	22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet	Return T Cost/hr/	
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADAH Machine Description Cat D6T LGP	Cost/Hour: Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: BLE EQUIP Weight/ Unit (TONS) 28.63	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit \$0.00	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$117.55	s s s s s s s s s s s s s s s s s s s	22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet \$117.55	Return T Cost/hr/ \$117.55	fleet Cost/ fleet
Available Rig Ca Ownership Operating Operator Helper	Cost/Hour: Cost/Hour: r Cost/Hour: r Cost/Hour: t Cost/Hour: BLE EQUIP Weight/ Unit (TONS)	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet	Return T Cost/hr/	fleet Cost/ fleet

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
		Subtotals:	\$0.00	\$0.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	DEL NORTE 45.00 40.00	miles
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$2,44 5.11	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.13	1.13
Return Time (Hours):	1.13	1.13
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.25	2.25

JOB TIME AND COST

Total job time: 6.50 Hours

Total job cost: ____\$2,445.11