August 8, 2016

Peter Freedman AuPt Industries LLC PO Box 1424 Edwards, CO 81632



**COLORADO** Division of Reclamation, Mining and Safety Department of Natural Resources

1313 Sherman Street, Room 215 Denver, CO 80203

# *Re:* West Side Placer Bulk Sample, File No. P-2016-015, Notice of Deficiency #2 for Notice of Intent to Conduct Prospecting Operations for Hard Rock / Metals Mines Application Package

Dear Mr. Freedman:

On Tuesday, July 12, 2016, the Division of Reclamation, Mining and Safety filed your Notice of Intent to Conduct Prospecting Operations for Hard Rock / Metal Mines Application package for the West Side Placer Bulk Sample, File No. P-2016-015 located in Moffat County. The decision date for your application is scheduled for <u>September 12, 2016</u>.

The Division has reviewed the revised application materials that were submitted on July 25, 2016 and deemed the information adequate for approval.

In reviewing the materials submitted the Division has determined that the \$2000 currently held by the Division is inadequate to fulfill the reclamation requirements and additional bonding is necessary. Division calculations estimate the cost to reclaim the above referenced site to be <u>\$7,753</u>. Attached is a copy the reclamation cost estimate. <u>The additional bond amount of \$5,753 must be posted by the 60 day deficiency deadline (September 12, 2016).</u>

Please complete the attached financial warranty documents and return them to Barbra Coria at the Divisions Denver Office. If you have additional questions regarding completion, execution and/or submittal of financial warranty forms please contact Barbra directly at 303.866.3567, ext. 8148.

- 1. One Site Prospecting Financial Warranty on Bureau of Land Management Land Check for Deposit in state Treasury
  - The Division is aware that the site is on State Land Board land, the BLM form is the document for all public land financial warranties
  - Since you wrote a personal check the W-9 needs to be for yourself (Peter Freedman) and your social security number needs to be provided rather than the Employer Identification Number

This letter shall not be construed to mean that there are no other technical deficiencies in your application. The Division will review your application to determine whether it is adequate to meet the requirements of the Act after submittal of all required items.



If you require additional information, or have questions or concerns, please feel free to contact me. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

Sincerely,

Amy Geldell

*Amy Yeldell* Environmental Protection Specialist Department of Natural Resources Division of Reclamation, Mining and Safety Phone: (970) 254-8511 Fax: (970) 241-1516

Cc: Russ Means, Senior EPS, Grand Junction DRMS

# COST SUMMARY WORK

1	Fask descrip	otion:	Estimate based of	on NOI appl	ication		
Site:	West Sid Sample	e Placer Bulk	Per	rmit Action:	App	Permit/Job	#: <u>P2016015</u>
<u>P</u>	ROJECT	IDENTIFIC	ATION				
	Task #:	000	State:	Colorado		Abbreviation:	None
	Date:	7/12/2016	County:	Moffat		Filename:	P015-000
	User:	ACY					
	Age	ency or organiz	zation name: DR	RMS			

#### TASK LIST (DIRECT COSTS)

Task		Form	Fleet	Task	
Iusix	Description	Used	Size	Hours	Cost
01a	Grade cuts and backfill ponds	DOZER	1	10.50	\$919.00
01b	Distribute topsoil	DOZER	1	0.51	\$44.00
02a	Reveg disturbed areas	REVEGE	1	6.00	\$279.00
03a	Plug water well	BOREHOLE	1	4.00	\$3,738.98
04a	Disposal of liner	DEMOLISH	] 1	1.00	\$35.34
05a	Mobilize equipment	MOBILIZE	1	5.78	\$1,196.00
06a	Secondary Mobilize equipment	MOBILIZE	1	1.89	\$64.00
		SUBTO	TALS:	29.68	\$6,276

## **INDIRECT COSTS**

#### OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$126.78
Performance bond:	1.05	Total =	\$65.90
Job superintendent:	0.00	Total =	\$0.00
Profit:	10.00	Total =	\$627.60
		TOTAL O & P =	\$820.28
		CONTRACT AMOUNT (direct + $O \& P$ ) =	\$7,096.28

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:		_ Total = Total =	0.00 \$301.59 \$354.81
CONTINGENCY:		 Total =	\$0.00
	TOTAL I	NDIRECT COST =	\$1,476.69
TOTAL BO	ND AMOUNT (d	lirect + indirect) =	\$7,752.69

# BULLDOZER WORK

West Side Place			oackfill pon	15		
Sample	r Bulk	Per	mit Action:	Арр	Permit/Job#:	P2016015
PROJECT IDEN	NTIFICATIO	N				
Task #:     01A       Date:     7/12/2       User:     ACY	2016	State: County:	Colorado Moffat		Abbreviation: Filename:	None P015-01a
Agency of	r organization n	ame: DF	RMS			
	-					
HOURLY EQUI						
Basic Machine:	Cat D5K XL	5P				
Horsepower:	96					
Blade Type:	Power Angle	e Tilt				
Attachment:	NA					
Shift Basis:	1 per day					
Data Source:	(CRG)					
Cost Breakdown:						
				Utilization %		
Ownership Cost/H	Hour:		\$21.75	NA		
Operating Cost/H			\$26.83	100		
Ripper own. Cost/H			\$0.00	NA		
Ripper op. Cost/H			\$0.00	0		
Operator Cost/H	Hour:		\$38.89	NA		
ATEDIAL OU						
MATERIAL QU Initial Volume: Swell factor:	2,483 1.000					
Initial Volume:	2,483					
Initial Volume: Swell factor:	2,483 1.000 <b>2,483</b> LCY I volume:	2x Cuts ( Cat Hand		+ 1x Ponds (1,125 ft )		
Initial Volume: Swell factor: Loose volume:	2,483 1.000 <b>2,483</b> LCY I volume: I swell factor:			+ 1x Ponds (1,125 ft )		
Initial Volume: Swell factor: Loose volume: Source of estimated	2,483 1.000 2,483 LCY 1 volume: 1 swell factor: DUCTION nce:		book	+ 1x Ponds (1,125 ft )		
Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI	2,483 1.000 2,483 LCY 1 volume: 1 swell factor: DUCTION nce: production:	Cat Hand 50 feet 464.3 LCY/	book	, , , , , , , , , , , , , , , , ,		
Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distan Jnadjusted hourly p	2,483 1.000 2,483 LCY I volume: I swell factor: DUCTION nce: production: cy description: ient: 0 %	Cat Hand 50 feet 464.3 LCY	book	, , , , , , , , , , , , , , , , ,		
Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distan Jnadjusted hourly p Materials consistent	2,483 1.000 2,483 LCY 4 volume: 4 swell factor: DUCTION nce: production: cy description: fent: 0 % le: 6,225 f	Cat Hand 50 feet 464.3 LCY	book	, , , , , , , , , , , , , , , , ,		
Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distan Jnadjusted hourly p Materials consistent Average push gradi Average site altitud	2,483 1.000 2,483 LCY 1 volume: 1 swell factor: DUCTION nce: production: cy description: dent: 0 % le: 6,225 fi 2,700 l	Cat Hand 50 feet 464.3 LCY Loose : eet	/hr stockpile 1.2	, , , , , , , , , , , , , , , , ,		
Initial Volume: Swell factor: Loose volume: Source of estimated Ource of estimated HOURLY PROI Average push distan Unadjusted hourly p Materials consistent Average push gradi Average site altitud Material weight: Weight description:	2,483 1.000 2,483 LCY 4 volume: 4 swell factor: DUCTION nce: production: cy description: fent: 0 % le: 2,700 l contemponent: Sand a	Cat Hand 50 feet 464.3 LCY Loose : eet bs/LCY	/hr stockpile 1.2			
Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distan Jnadjusted hourly p Materials consistence Average push gradi Average site altitud Material weight: Weight description: ob Condition Corre	2,483 1.000 2,483 LCY 4 volume: 4 swell factor: DUCTION nce: production: cy description: 4 ent: 6,225 f 2,700 f 2,700 f 2 Sand a ection Factor	Cat Hand 50 feet 464.3 LCY Loose : eet bs/LCY nd clay - Lo	/hr stockpile 1.2	, , , , , , , , , , , , , , , , ,		
Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated <b>HOURLY PROI</b> Average push distan Jnadjusted hourly p Materials consistent Average push gradi Average site altitud Material weight: Weight description: Ope	2,483 1.000 2,483 LCY 4 volume: 4 swell factor: DUCTION nce: production: cy description: fent: 0 % le: 2,700 l contemponent: Sand a	Cat Hand 50 feet 464.3 LCY Loose : eet bs/LCY nd clay - Lo 0.	/hr stockpile 1.2			

0.830	(1 SHIFT/DAY)
0.000	
0.800	(FND-RF)
1.000	(CAT HB)
1.000	(CAT HB)
0.852	(CAT HB)
1.000	(PAT)
	1.000 1.000 0.852

Aujusicu unit production.	230.42 LC 1/III
Adjusted fleet production:	236.42 LCY/hr

# JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.370/LCY

Total job time:	10.50 Hours
Total job cost:	\$919

# BULLDOZER WORK

ask description:	Distril	oute topsoi	il				
West Side Place Sample	r Bulk	Per	mit Action:	Арр		Permit/Job#:	P2016015
ROJECT IDEN	NTIFICATIO	N					
Task #: 01B Date: $8/2/2$ User: ACY	016	State: County:	Colorado Moffat			Abbreviation: Filename:	None P015-01b
Agency of	r organization n	ame: DF	RMS				
OURLY EQU	IPMENT COS	ST					
Basic Machine:	Cat D5K XL						
Horsepower:	96	51					
Blade Type:	Power Angle	Tilt					
Attachment:	NA			_			
Shift Basis:	1 per day						
Data Source:	(CRG)						
ost Breakdown:				Ut	ilization %		
Ownership Cost/H	Hour:		\$21.75		NA		
Operating Cost/H			\$26.83		100		
ipper own. Cost/H	Hour:		\$0.00		NA		
Ripper op. Cost/H			\$0.00		0		
Operator Cost/H	Iour:		\$38.89		NA		
otal Fleet Cost/Ho <b>IATERIAL QU</b> Initial Volume: Swell factor: Loose volume:							
ource of estimated		10" over					
ource of estimated	-	Cat Hand	book				
OURLY PRO							
verage push dista nadjusted hourly		50 feet 164.3 LCY/	/hr				
laterials consisten	cy description:	Loose	stockpile 1.2				
verage push gradi verage site altitud		eet					
	1,600 1	os/LCY				_	
laterial weight:							
Iaterial weight: /eight description	: Top So	il					
-	<b>.</b>	il			Source		
Veight description	ection Factor erator Skill:	0.	.750		(AVG.)		
Veight description ob Condition Corr Ope Material c	ection Factor	0.	750 200 000				

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	398.97 LCY/hr
Adjusted fleet production:	<b>398.97</b> LCY/hr

# JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.219/LCY

Total job time:	<b>0.51</b> Hours
Total job cost:	\$44

## Page 1 of 2

# **REVEGETATION WORK**

1	ask descrip		Reveg disturbed			<u> </u>
West Side Placer Bulk te: Sample		Pe	rmit Action: App	Permit/Job	o#: P2016015	
PR	ROJECT	IDENTIFIC	ATION			
<u>PR</u>	ROJECT : Task #:	IDENTIFIC 02A	ATION State:	Colorado	Abbreviation:	None
<u>PR</u>				Colorado Moffat	Abbreviation: Filename:	None P015-02a

## **FERTILIZING**

#### Materials

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
Hand raking (MEANS 32 91 13.23 0250)	\$1,306.80
Total Tilling Cost/Acre	\$1,306.80

# **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Sand Dropseed	3.00	358.13	\$20.97
Galleta	3.00	10.95	\$75.75
Western Wheatgrass - Arriba	3.00	7.58	\$11.07
Totals Seed Mix	9.00	376.65	\$107.79

# Application

Description	Cost /Acre

Broadcast seeding [DMG]		\$261.80
	Total Seed Application Cost/Acre	\$261 80

## **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 Stoc	k Cost / Acre	\$0.00

## JOB TIME AND COST

Estimate *Selected Replanti	No. of Acres: ed Failure Rate: ng Work Items:	50%	Cost /Acre: Cost /Acre*:	
Initial Job Cost:	\$251.46			
Reseeding Job Cost:	\$27.72			
Total Job Cost:	\$279			
Job Hours:	6.00			

# BOREHOLE SEALING WORK

Т	ask description:	Plug water	well			
	West Side Placer Bulk Sample		Permit Action:	Арр	Permit/.	lob#:P2016015
<u>PROJEC</u>	CT IDENTIFICATION	N				
Task #: Date:	03A 8/2/2016	State: County:	Colorado Moffat		Abbreviation: 	None P015-03a
User:	ACY Agency or organiza	tion name:	DRMS			

# **UNIT COSTS**

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Plug Lower portion of well	Bentonite seal - 8 in. (labor, equip, materials)	7.875	295	295.00	EA	\$12.38	\$3,652.10
Plug upper portion of well	Portland cement grout - 10 in. (labor, equip, materials)	8.625	5	5.00	LF	\$16.68	\$83.42
Marker	Borehole location/identification marker (EA, material cost only)	8.625	1	1.00	EA	\$3.47	\$3.47

Job Hours: 4.00

Total Cost: \$3,739.00

## **DEMOLITION WORK**

	Task description	on:	Disposal of liner				
Site:	West Side Pl Sample	acer Bulk	Permit Actio	on: App	Per	mit/Job#:	P2016015
<u>PROJI</u>	ECT IDENTI	FICATION	N				
Task # Date User	e: 8/2/2016 ACY Agency	or organizat	State: Colorado County: Moffat		Abbreviatio Filenam	ne: P01	ne 5-04a
Struct	ture or Item scription	Dimensio	ons Demolition Selection	Onenti		Unit Cost	Total Cost
Pond lin	er	2x 300 sc 1/4" thick			CY	\$74.00	\$37.00
Job I	Hours:	1.00	Subtotal (unadjusted):	\$37.00	(adjus	al Cost sted for cation):	\$35.34

## Page 1 of 2

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mo	bilize equipment					
West Side Plac ite: Sample	er Bulk	Permit	Action:App		I	Permit/Job#:	P2016015
PROJECT IDEN	NTIFICATI	ON					
Task #: $05A$ Date: $8/2/$ User:AC	2016		olorado offat				one 115-05a
Agency or organization name: DRMS							
EQUIPMENT T	RANSPOR	<u>T RIG COST</u>			~ ~ ~ ~		
				C	Shift ba Cost Data Sour	F	
Truck Tractor Description:       GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description:       GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown:       Cost Breakdown:							
Available Rig Ca		0-25 Tons	26-50 Tons		Tons		
	Cost/Hour:	\$16.63	\$18.37		2.33		
	Cost/Hour:	\$44.38	\$46.13		0.07		
	Cost/Hour: Cost/Hour:	\$27.66 \$0.00	\$27.66 \$25.39		7.66 5.39		
	Cost/Hour:	\$88.67	\$23.39		25.45		
NON ROADABLE EQUIPMENT:							
Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	
Description	Unit (TONS)	Cost/hr/ unit	Cost/hr/uni t	Size	Cost/hr/ fleet	Cost/hr/ flee	et Cost/ fleet
Cat D5K XL - 5P	11.15	\$21.75	\$88.67	1	\$110.42	\$88.67	\$250.00
				Subtotals:	\$110.42	\$88.67	\$250.00

## **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW	\$52.46	1	\$52.46	\$52.46
		Subtotals:	\$52.46	\$52.46

# **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	CRAIG 52.00 55.00	miles mph
Total Non-Roadable Mob/Demob Cost *	\$1,097.30	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$99.20	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.95	0.95
Return Time (Hours):	0.95	0.95
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.89	1.89

## JOB TIME AND COST

Total job time: **5.78** Hours

Total job cost: \$1,196

## Page 1 of 2

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Shift basis:       1 per day Cost Data Source:         Truck Tractor Description:       GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description:       GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown:         Available Rig Capacities         0-25 Tons       26-50 Tons         51+ Tons       Ownership Cost/Hour:         \$16.63       \$18.37         \$22.33       Operating Cost/Hour:         \$27.66       \$27.66         Helper Cost/Hour:       \$88.67         \$117.55       \$125.45	Sample	acer Bulk	Permit	Action:App		]	Permit/Job#: P2	016015
Date:       8/2/2016       County:       Moffat       Filename:       P015-06a         User:       ACY       Agency or organization name:       DRMS         Shift basis:       1 per day         Cost Data Source:       CRG Data         Truck Tractor Description:       GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description:       GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown:       Generating Cost/Hour:       \$16.63       \$18.37       \$22.33         Operating Cost/Hour:       \$16.63       \$18.37       \$22.33         Operating Cost/Hour:       \$27.66       \$27.66       \$27.66         Helper Cost/Hour:       \$88.67       \$117.55       \$125.45         NON ROADABLE EQUIPMENT:         Machine       Weight/       Owner ship       Cost/hr/ unit       Cost/hr/unit       Size       Cost/hr/       Cost/hr/       Cost/hr/ Cost/hr/	PROJECT ID	ENTIFICATI	<u>ON</u>					
EQUIPMENT TRANSPORT RIG COST         Shift basis: 1 per day Cost Data Source: CRG Data         Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown: <b>Available Rig Capacities</b> O-25 Tons         Ownership Cost/Hour:         \$16.63         Ownership Cost/Hour:         \$16.63         Operating Cost/Hour:         \$16.63         Operating Cost/Hour:         \$27.66       \$27.66         \$125.39         Total Unit Cost/Hour:         \$88.67         NON ROADABLE EQUIPMENT:         Machine       Weight/ Unit       Owner ship Cost/hr/ unit       Fleet       Haul Trip Cost/hr/       DOT Permir Cost/fleet	Date: 8/	2/2016						06a
Shift basis:       1 per day CRG Data         Truck Tractor Description:       GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description:       GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown:       GENERIC Solution         Available Rig Capacities       0-25 Tons       26-50 Tons         Ownership Cost/Hour:       \$16.63       \$18.37         Operator Cost/Hour:       \$27.66       \$27.66         Helper Cost/Hour:       \$27.66       \$27.66         Yotal Unit Cost/Hour:       \$88.67       \$117.55         Source:       State Source:         Machine       Weight/ Unit       Owner ship Cost/hr/unit       Haul Rig Cost/hr/unit       Fleet Size       Haul Trip Cost/hr/ Ifeet       DOT Permit Cost/hr/ Ifeet	Agency	or organization	name: DRMS					
Cost Data Source: CRG Data         Truck Tractor Description:       GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description:       GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown:         Available Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons         Ownership Cost/Hour:       \$16.63       \$18.37       \$22.33         Operating Cost/Hour:       \$16.63       \$18.37       \$22.33         Operating Cost/Hour:       \$27.66       \$27.66       \$27.66         Helper Cost/Hour:       \$0.00       \$25.39       \$25.39         Total Unit Cost/Hour:       \$88.67       \$117.55       \$125.45         Machine       Weight/       Owner ship       Haul Rig       Fleet       Haul Trip       Return Trip       DOT Permit Cost/hr/etet	EQUIPMENT	TRANSPOR	<u>T RIG COST</u>					
Truck Tractor Description:       GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)         Truck Trailer Description:       GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)         Cost Breakdown:       Ownership Cost/Hour:       \$16.63       \$11.37       \$22.33         Ownership Cost/Hour:       \$16.63       \$18.37       \$22.33       Operating Cost/Hour:       \$44.38       \$44.13       \$50.07         Operator Cost/Hour:       \$27.66       \$27.66       \$27.66       \$27.66       \$27.66       \$27.66       \$27.66       \$27.66       \$117.55       \$125.45       \$100T       DOT Permit Cost/Hour:       \$88.67       \$117.55       \$125.45         Machine       Weight/ Unit       Owner ship Cost/hr/ unit       Haul Rig Cost/hr/unit       Fleet Size       Haul Trip Cost/hr/       Return Trip Cost/hr/ fleet       DOT Permit Cost/hr/					C			
TRAILER (25T, 50T, AND 100T)         Cost Breakdown:         Available Rig Capacities       0-25 Tons       26-50 Tons       51+ Tons         Ownership Cost/Hour:       \$16.63       \$18.37       \$22.33         Operating Cost/Hour:       \$44.38       \$46.13       \$50.07         Operator Cost/Hour:       \$27.66       \$27.66       \$27.66         Helper Cost/Hour:       \$0.00       \$25.39       \$25.39         Total Unit Cost/Hour:       \$88.67       \$117.55       \$125.45         VON ROADABLE EQUIPMENT:         Machine       Weight/ Unit       Owner ship Cost/hr/ unit       Fleet Cost/hr/uni       Haul Trip Size       Return Trip Cost/hr/ fleet       DOT Permit Cost/hr/ fleet			-		400 HP	(2ND HALF,	2006)	
Available Rig Capacities0-25 Tons26-50 Tons51+ TonsOwnership Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$44.38\$46.13\$50.07Operator Cost/Hour:\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39Total Unit Cost/Hour:\$88.67\$117.55S125.45VON ROADABLE EQUIPMENT:MachineWeight/ UnitOwner ship Cost/hr/ unitMachineWeight/ UnitOwner ship Cost/hr/unitFleet SizeHaul Trip Cost/hr/ Cost/hr/Return Trip Cost/hr/ fleet	Tru	ck Trailer Desc	ription: G					PMENT
Ownership Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$44.38\$46.13\$50.07Operator Cost/Hour:\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39Total Unit Cost/Hour:\$88.67\$117.55\$125.45NON ROADABLE EQUIPMENT:Machine DescriptionWeight/ UnitOwner ship Cost/hr/ unitMachine DescriptionWeight/ UnitOwner ship Cost/hr/ unitFleet SizeHaul Trip Cost/hr/ Cost/hr/ fleetDOT Permit Cost/hr/ Cost/hr/ fleet	Cost Breakdown:							
Operating Cost/Hour:\$44.38\$46.13\$50.07Operator Cost/Hour:\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39Total Unit Cost/Hour:\$88.67\$117.55NON ROADABLE EQUIPMENT:Machine DescriptionWeight/ UnitOwner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet SizeHaul Trip Cost/hr/ Cost/hr/ fleetDOT Permit Cost/hr/ fleet		•						
Operator Cost/Hour:       \$27.66       \$27.66         Helper Cost/Hour:       \$0.00       \$25.39         Total Unit Cost/Hour:       \$88.67       \$117.55         NON ROADABLE EQUIPMENT:       Haul Rig       Fleet       Haul Trip       Return Trip       DOT Permi         Machine       Weight/       Owner ship       Cost/hr/unit       Size       Cost/hr/       Cost/hr/ fleet       Cost/hr/	Available Rig		0-25 Tons	26-50 Tons	51+	Tons		
Helper Cost/Hour:       \$0.00       \$25.39       \$25.39         Total Unit Cost/Hour:       \$88.67       \$117.55       \$125.45         NON ROADABLE EQUIPMENT:       Machine       Weight/       Owner ship       Haul Rig       Fleet       Haul Trip       Return Trip       DOT Permi         Description       Unit       Owner ship       Cost/hr/unit       Size       Cost/hr/       Cost/hr/ fleet       Cost/hr/ fleet		Capacities						
Total Unit Cost/Hour:       \$88.67       \$117.55       \$125.45         NON ROADABLE EQUIPMENT:       Machine       Weight/       Owner ship       Haul Rig       Fleet       Haul Trip       Return Trip       DOT Permi         Machine       Weight/       Owner ship       Haul Rig       Fleet       Haul Trip       Cost/hr/ fleet       DOT Permi         Description       Unit       Cost/hr/ unit       Cost/hr/uni       Size       Cost/hr/       Cost/hr/ fleet       Cost/hr/	Ownersh	Capacities ip Cost/Hour:	\$16.63	\$18.37	\$2	2.33		
MON ROADABLE EQUIPMENT:         Machine       Weight/       Owner ship       Haul Rig       Fleet       Haul Trip       Return Trip       DOT Permi         Description       Unit       Cost/hr/ unit       Cost/hr/uni       Size       Cost/hr/       Cost/hr/ fleet       Cost/hr/ fleet	Ownersh Operatir	Capacities ip Cost/Hour: ig Cost/Hour:	\$16.63 \$44.38	\$18.37 \$46.13	\$2 \$5	2.33 0.07		
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	Ownersh Operatir Operat	Capacities ip Cost/Hour: ng Cost/Hour: or Cost/Hour:	\$16.63 \$44.38 \$27.66	\$18.37 \$46.13 \$27.66	\$2 \$5 \$2	2.33 0.07 7.66		
Description Unit Cost/hr/ unit Cost/hr/uni Size Cost/hr/ Cost/hr/ Cost/hr/ Cost/hr/	Ownersh Operatir Operat Help	Capacities ip Cost/Hour: ng Cost/Hour: or Cost/Hour: er Cost/Hour:	\$16.63 \$44.38 \$27.66 \$0.00	\$18.37 \$46.13 \$27.66 \$25.39	\$2 \$5 \$2 \$2 \$2	2.33 0.07 7.66 5.39		
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	Ownersh Operatir Operat Help Total Ur NON ROADA	Capacities ip Cost/Hour: or Cost/Hour: er Cost/Hour: it Cost/Hour: bit Cost/Hour: BLE EQUIPN Weight/	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 <b>MENT:</b> Owner ship	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig	\$2 \$5 \$2 \$2 \$12 Fleet	2.33 0.07 7.66 5.39 25.45 Haul Trip		
	Ownersh Operatir Operat Help Total Ur NON ROADA	Capacities ip Cost/Hour: or Cost/Hour: er Cost/Hour: it Cost/Hour: bit Cost/Hour: BLE EQUIPN Weight/ Unit	\$16.63 \$44.38 \$27.66 \$0.00 \$88.67 <b>MENT:</b> Owner ship	\$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/uni	\$2 \$5 \$2 \$2 \$12 Fleet	2.33 0.07 7.66 5.39 25.45 Haul Trip Cost/hr/		

## **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.	\$33.81	1	\$33.81	\$33.81
		Subtotals:	\$33.81	\$33.81

# **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	CRAIG 52.00 55.00	miles mph
Total Non-Roadable Mob/Demob Cost *	\$0.00	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$63.93	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.95	0.95
Return Time (Hours):	0.95	0.95
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.89	1.89

## JOB TIME AND COST

Total job time: **1.89** Hours

Total job cost: \$64