

MINERALS PROGRAM INSPECTION REPORT PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME:		MINE/PROSPECTING ID#:	MINERAL:	COUNTY:		
Barton Pit		M-2000-149 Gravel		Logan		
INSPECTION TYPE:		INSPECTOR(S):	INSP. DATE:	INSP. TIME:		
Monitoring		Jared L. Ebert	October 17, 2018	11:15		
OPERATOR:		OPERATOR REPRESENTATIVE:	TYPE OF OPERAT	ΓΙΟN:		
Dumb and Dumber Trucking, LLC		None	112c - Construction	112c - Construction Regular Operation		
REASON FOR INSPECTION:		BOND CALCULATION TYPE:	BOND AMOUNT:			
Normal I&E Program		Complete Bond	\$49,700.00			
DATE OF COMPLAINT:		POST INSP. CONTACTS:	JOINT INSP. AGENCY:			
NA		None	None			
WEATHER: INSPE		CTOR'S SIGNATURE:	SIGNATURE DAT	E:		
Clear	Ja	ind Ebeth	October 30, 2018			

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS <u>Y</u>	(FN) FINANCIAL WARRANTY <u>Y</u>	(RD) ROADS <u>Y</u>
(HB) HYDROLOGIC BALANCE <u>Y</u>	(BG) BACKFILL & GRADING <u>Y</u>	(EX) EXPLOSIVES <u>NA</u>
(PW) PROCESSING WASTE/TAILING NA	(SF) PROCESSING FACILITIES <u>Y</u>	(TS) TOPSOIL <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE <u>NA</u>	(RV) REVEGETATION NA
(SM) SIGNS AND MARKERS <u>Y</u>	(SP) STORM WATER MGT PLAN NA	(RS) RECL PLAN/COMP <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE NA	(SC) EROSION/SEDIMENTATION <u>Y</u>	(ST) STIPULATIONS <u>NA</u>
(AT) ACID OR TOXIC MATERIALS NA	(OD) OFF-SITE DAMAGE <u>Y</u>	

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was an inspection of the Barton Pit, Division of Reclamation, Mining and Safety ("DRMS") permit number M-2000-149, operated by Dumb and Dumber Trucking, LLC. ("DDT"). I, Jared Ebert and Patrick Lennberg with DRMS conducted the inspection. Mr. Brian Barton with DDT was aware of the inspection but was unable to attend.

This is a 65.29 acre 112c mining operation in Logan County. The approved post mining land use is designated as pastureland. Using the ArcCollector application, we collected a polygon of the affected area and found that about 14 acres has been affected at the site. Also collected was the location of the top of the highwalls observed. A map of the Division's findings is enclosed.

Backfilling and Grading:

It appears the operator has conducted some grading work in the southwest corner of the affected land. The area has been graded to a near 3H:1V slope. Annual vegetation has begun to grow in this area, however a number a large rills and gullies have formed. The Operator will need to monitor and repair this area as necessary.

Financial Warranty:

The Division currently holds a cash bond in the amount of \$49,700.00. The Division has estimated the cost to reclaim the site in accordance with the approved reclamation plan to be about \$35,000.00. This amount should cover the cost to reclaim the 14 acres of affected land observed at the site. The Operator is only permitted to affect 14.58 acres of land without first notifying the Division and adjusting the financial warranty accordingly. At this time the Operator could request a surety reduction in accordance with Rule 4.17, however if DDT would like to affect additional acreage at this time the Financial warranty would need to account for this area.

Gen. Compliance With Mine Plan:

DDT has affected about 14 acres of land within the Area 1, 2 and 3 mining phases. DDT committed to only affecting 14.58 acres at a time without first notifying the Division and adjusting the financial warranty accordingly. The site consists of a pit excavation with multiple highwalls. A highwall about 30 to 35 feet in height is located in the northwest portion of the affected area, this highwall daylights to the north and east. On the southeast side of the affected land multiple highwalls were observed in a benched configuration. The lowest mine bench was about 35 feet in height with a near vertical face. Three subsequent benches were observed above the first bench each with a near vertical highwall about five to ten feet in height.

Topsoil:

Topsoil stockpiles were observed above the highwalls.



Figure 1. From the center of the affected land looking northwest at highwall.



Figure 2. From the center of the affected land looking southeast at highwall benches.



Figure 3. From the top of the 2nd Highwall bench looking southwest.



Figure 4. From the top of the second bench looking south.



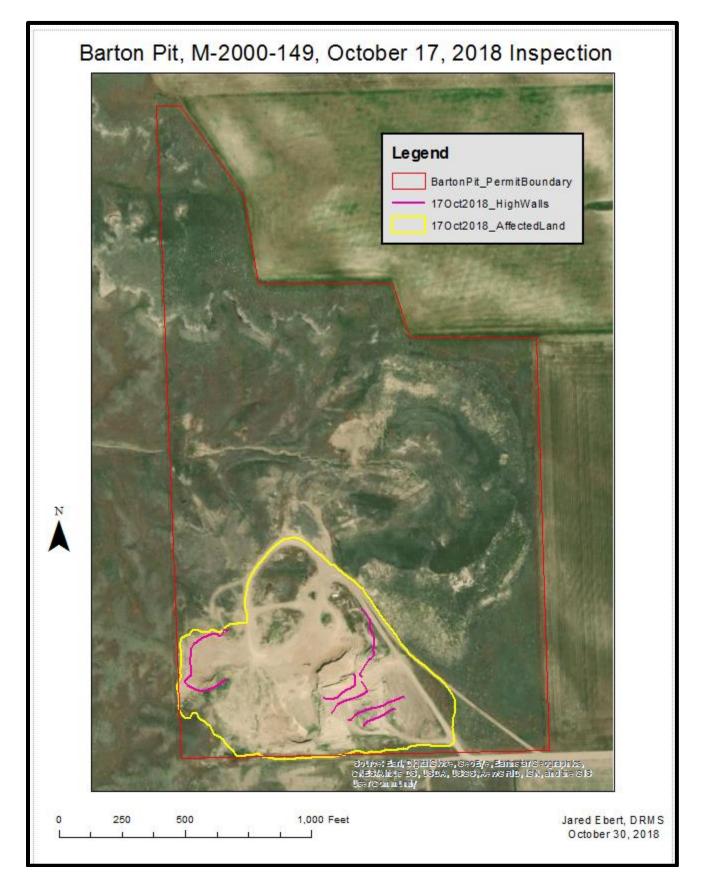
Figure 5. From the east side of the affected land looking west.



Figure 6. From the west side of the affected land looking southeast.



Figure 7. Backfilled and graded area on the southwest side of the affected land.



PERMIT #: M-2000-149 INSPECTOR'S INITIALS: JLE INSPECTION DATE: October 17, 2018

<u>Inspection Contact Address</u> Brian Barton Dumb and Dumber Trucking, LLC 16653 Hwy. 14 Sterling, CO 80751

1.) October 29, 2018, CIRCES, Cost Estimate Enclosure:

COST SUMMARY WORK

Barton Pit			Permit Action:		2018 Cost Estimate	Permit/Job#: M2000149		
P]	ROJECT	IDENTIFIC	CATION					
	Task #:	000	S	State:	Colorado		Abbreviation:	None
	Date:	10/29/2018	Coı	unty:	Logan	<u> </u>	Filename:	M149-000
	User:	JLE		-				

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfill and Grade Highwalls	DOZER	1	9.56	\$2,504.00
002	Spread Topsoil Over the Affected Land	SCRAPER1	1	5.81	\$6,643.00
003	Revegetation	REVEGE	1	7.00	\$12,937.00
004	Mob/Demob Reclamation Equipment	MOBILIZE	1	3.04	\$5,379.00
SUBTOTALS:					\$27,463

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$554.75
Performance bond:	1.05	Total =	\$288.36
Job superintendent:	12.71	Total =	\$928.10
Profit:	10.00	Total =	\$2,746.30

TOTAL O & P = \$4,517.51 CONTRACT AMOUNT (direct + O & P) = \$31,980.51

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 0.00 Total = 0.00

Engineering work and/or contract/bid preparation: 4.25 Total = \$1,359.17

Reclamation management and/or administration: 5.00 \$1,599.03

CONTINGENCY: 0.00 Total = \$0.00

TOTAL INDIRECT COST = \$7,475.71

TOTAL BOND AMOUNT (direct + indirect) = \$34,938.71

BULLDOZER WORK

Task description:	Backfill and Grade Highwa	alls		
te: Barton Pit	Permit Action	: 2018 Cost Estimate	Permit/Jol	o#: <u>M2000149</u>
PROJECT IDENTIFI	<u>CATION</u>			
Task #: 001 Date: 10/29/2018 User: JLE	State: Colorado County: Logan	<u> </u>	Abbreviation: Filename:	None NA
Agency or organ	nization name: DRMS			
HOURLY EQUIPME	NT COST			
Basic Machine: Car	t D9T - 9SU			
Horsepower: 405	5			
Blade Type: Ser	mi-Universal			
	hank ripper			
	er day			
Data Source: (CI	RG)			
Cost Breakdown:				
		Utilization %		
Ownership Cost/Hour:	\$110.70	NA		
Operating Cost/Hour:	\$95.46	100		
Ripper own.	\$12.36	NA		
Cost/Hour:				
Ripper op. Cost/Hour:	\$1.97	25		
Operator Cost/Hour:	\$41.52	NA		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 12,5 Swell factor: 1.25 Loose volume: 15,6	514			
Source of estimated volu Source of estimated swe factor:		ation, Mining & Safety		
HOURLY PRODUCT	<u>ION</u>			
Average push distance:	50 feet			
Unadjusted hourly production:	2,110.5 LCY/hr			
Materials consistency de	escription: Compacted fill or	embankment 0.9		
Average push gradient:	-15 %			
Average site altitude:	4,550 feet			
Material weight:	2,650 lbs/LCY		_	
Weight description:	Decomposed rock - 25% Roc	ck, 75% Earth		

Source

Job Condition Correction Factor

Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7755

Adjusted unit production:

Adjusted fleet production:

1,636.69 LCY/hr

1636.69 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.160/LCY

Total job time: 9.56 Hours
Total job cost: \$2,504

SCRAPER TEAM WORK

Site Barton Pit	Task description:	Spread To	psoil Ov	ver the A	ffected Land			
Task #: 002	Site: Barton Pit		Perm	it Action	: 2018 Cost Es	timate F	Permit/Job#: M2	2000149
Date: 10/29/2018 County: Logan Filename: M149-002	PROJECT IDENT	<u>IFICATION</u>						
User: JLE	Task #: 002	S	State: (Colorado		Abbrev	viation: None	
HOURLY EQUIPMENT		2018 Cor	unty: 1	Logan		Fil	ename: M149-	002
Cost Shift basis: 1 per day Equipment Description Scraper: Cat 637G w/push-pull Description NA	User: <u>JLE</u>							
Equipment Description	Agency or o	rganization name:	DRM	IS				
Support Equipment - Load Area: Cat 637G w/push-pull	HOURLY EQUIP	MENT_			COSTS	Shift basis: 1 per	day	
Support Equipment -Load Area:								
Cat D9T - 9SU					7G w/push-pull			
Cost Breakdown: Scraper Work Team Support Equipment Maintenance Equipment	Suppor				T - 9SH			
Road Maintenance - Motor Grader: - Water Truck: CAT 14M Water Tanker, 5,000 Gal.	Биррог				1 750			
Cost Breakdown: Scraper Work Team Support Equipment Maintenance Equipment Maintenance Equipment %Utilization-machine: 100 NA 100 NA 25 25 Ownership cost/hour: \$165.84 NA \$110.70 NA \$60.13 \$25.30 Operating cost/hour: \$172.14 NA \$95.46 NA \$12.72 \$9.15 % Utilization-ripper: NA NA NA NA NA NA NA NA %Utilization-ripper: NA \$0.00	Road Main	ntenance –Motor	Grader:					
Scraper		-Water	Truck:	Water	<u> Γanker, 5,000 Ga</u>	al.		
Scraper	Cost Brookdown	Scraper Wes	rk Toom		Support Equ	inmont	Maintanan	oo Equipment
Wutilization-machine: 100	cost bicardown.	*		zer		•		
Ownership cost/hour: \$165.84 NA \$110.70 NA \$60.13 \$25.30 Operating cost/hour: \$172.14 NA \$95.46 NA \$12.72 \$9.15 %Utilization-ripper: NA NA NA NA NA NA NA Ripper own. cost/hour: NA NA \$0.00 NA \$0.00 \$0.00 Ripper op. cost/hour: NA NA \$0.00 NA \$0.00 \$0.00 Operator cost/hour: \$31.05 NA \$41.52 NA \$28.69 \$21.23 Unit Subtotals: \$369.02 NA \$247.68 NA \$101.54 \$55.68 Number of Units: 2 0 1 0 1 1 Group Subtotals: Work: \$738.04 Support: \$247.68 Maint: \$157.22 MATERIAL QUANTITIES Initial volume: 7,528 LCY Swell factor: 1.000 LCY Struck Volume: \$24.00 LCY </td <td>%Utilization-machine:</td> <td>100</td> <td></td> <td>NA</td> <td>100</td> <td>NA</td> <td>25</td> <td>25</td>	%Utilization-machine:	100		NA	100	NA	25	25
Operating cost/hour: \$172.14 NA \$95.46 NA \$12.72 \$9.15 % Utilization-ripper: NA \$0.00								
%Utilization-ripper: NA S0.00 \$	-	\$172.14		NA	\$95.46	NA	\$12.72	
Ripper op. cost/hour: NA	%Utilization-ripper:	NA		NA	NA	NA	NA	NA
Operator cost/hour: \$31.05	Ripper own. cost/hour:	NA		NA	\$0.00	NA	\$0.00	\$0.00
Unit Subtotals: \$369.02	Ripper op. cost/hour:	NA		NA	\$0.00	NA	\$0.00	\$0.00
Number of Units: 2 0 1 0 1 1 Group Subtotals: Work: \$738.04 Support: \$247.68 Maint: \$157.22 Total work team cost/hour: \$1,142.94 MATERIAL QUANTITIES Initial volume: 7,528 CCY Swell factor: 1.000 Source of estimated volume: Division of Reclamation, Mining & Safety Cat Handbook HOURLY PRODUCTION Scraper Bowl (volume) Basis: Material weight: 1,600 lbs/LCY Struck Volume: 24.00 LCY Material description: Top Soil Heaped Volume: 34.00 LCY Rated Payload: 81,600 pounds Average Volume: 29.00 LCY	Operator cost/hour:	\$31.05		NA	\$41.52	NA	\$28.69	\$21.23
Group Subtotals: Work: \$738.04 Support: \$247.68 Maint: \$157.22 Total work team cost/hour: \$1,142.94 MATERIAL QUANTITIES Initial volume: 7,528 CCY Swell factor: 1.000 Loose volume: 7,528 LCY Source of estimated volume: Source of estimated swell factor: Division of Reclamation, Mining & Safety Cat Handbook HOURLY PRODUCTION Scraper Bowl (volume) Basis: Material weight: 1,600 lbs/LCY Struck Volume: 24.00 LCY Material description: Top Soil Heaped Volume: 34.00 LCY Rated Payload: 81,600 pounds Average Volume: 29.00 LCY	Unit Subtotals:	\$369.02		NA	\$247.68	NA	\$101.54	\$55.68
Total work team cost/hour: \$1,142.94 MATERIAL QUANTITIES Initial volume: 7,528	Number of Units:	2		0	1	0	1	1
MATERIAL QUANTITIES Initial volume: 7,528	Group Subtotals:	Work:	\$738	3.04	Support:	\$247.68	Maint:	\$157.22
Initial volume: 7,528		-						
Loose volume: 7,528 LCY Source of estimated volume: Division of Reclamation, Mining & Safety Cat Handbook HOURLY PRODUCTION Scraper Bowl (volume) Basis: Material weight: 1,600 lbs/LCY Material description: Top Soil Heaped Volume: 34.00 LCY Rated Payload: 81,600 pounds Average Volume: 29.00 LCY				CCV	Swall for	tor: 1,000		
Source of estimated volume: Source of estimated swell factor: Division of Reclamation, Mining & Safety Cat Handbook					Swell fac	1.000		
Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Scraper Bowl (volume) Basis: Material weight: 1,600 lbs/LCY Struck Volume: 24.00 LCY Material description: Top Soil Heaped Volume: 34.00 LCY Rated Payload: 81,600 pounds Average Volume: 29.00 LCY		· · · · · · · · · · · · · · · · · · ·	lumai		of Paglamation	Mining & Safaty	7	
Scraper Bowl (volume) Basis:Material weight:1,600 lbs/LCYStruck Volume:24.00LCYMaterial description:Top SoilHeaped Volume:34.00LCYRated Payload:81,600 poundsAverage Volume:29.00LCY						, willing & Salety	<i>(</i>	
Material weight: 1,600 lbs/LCY Struck Volume: 24.00 LCY Material description: Top Soil Heaped Volume: 34.00 LCY Rated Payload: 81,600 pounds Average Volume: 29.00 LCY		I COMPANY	_					
Material weight:1,600 lbs/LCYStruck Volume:24.00LCYMaterial description:Top SoilHeaped Volume:34.00LCYRated Payload:81,600 poundsAverage Volume:29.00LCY	HOURLY PRODU	CTION						
Material description:Top SoilHeaped Volume:34.00LCYRated Payload:81,600 poundsAverage Volume:29.00LCY					Scraper I	Bowl (volume) Ba	asis:	
Rated Payload: 81,600 pounds Average Volume: 29.00 LCY								
	-							
Payload Capacity: 51.00 LCY Adjusted Capacity: 29.00 LCY	Rated Payload: Payload Capacity:	81,600 pounds 51.00 LCY						

~ 1			
Cvcl	le i	l'ir	ne:

Job Condition Correction:

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	NA	(CAT HB)
Job Efficiency:	0.830	NA	(CAT HB)
Net Correction:	0.830	NA	

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg#	Haul Distance (Ft)	Grade	Roll. Res	Total Res	Velocity	Travel Time
		(%)	(%)	(%)	(fpm)	(min)
1	400.00	0.00	3.00	3.00	2800	0.35

Haul Time: **0.35** minutes

Site Altitude: 4550 feet

Return Route:

Seg#	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	3.00	3.00	2949	0.28

Return Time: 0.28 minutes Total Scraper team cycle time: 2.23 minutes Adjusted for job conditions: 1,295.25 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 1,295.25 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 1,295.25 LCY/Hour

Unadjusted unit production/hour: 1,560.54 LCY/Hour Optimal Number of Scrapers per push dozer:

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	5.81	Hours
Unit cost:	\$0.882	/LCY	Total job cost:	\$6,643	

REVEGETATION WORK

ask description:	Revegetation					
Barton Pit	Permit .	Action: 2018	Cost Estim	nate	Permit/Job#	#: <u>M2000149</u>
ROJECT IDENTIFIC	<u>CATION</u>					
Task #: 003	State: Co	lorado		At	breviation:	None
Date: 10/29/2018	County: Lo	gan			Filename:	M149-003
User: JLE						
Agency or organ	ization name: DRMS					
ERTILIZING						
aterials			T			
Description		Units / Acre	Unit	Co	st / Unit	Cost /Acre
				\$		\$
				To	otal Fertilizer Materials Cost/Acre	\$0.00
						\$
		Total	Fertilizer	Applicati	on Cost/Acre	\$0.00
<u>ILLING</u>						
Description						Cost /Acre
Chisel plowing {DMG	}					\$92.77
emiser pro wing (Birio	J					Ψ,2.,,
			7	Total Tilli	ng Cost/Acre	\$92.77
EEDING						
Seed Mix				Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Switchgrass - Blackwe				0.90	8.04	\$8.83
Little Bluestem - Nativ	e			1.40	8.36	\$22.58
Sideoats Grama - Butte				1.80	5.91	\$17.82
Western Wheatgrass -				3.20	8.08	\$22.94
Prairie Sandreed - Gos	nen			1.30	8.15	\$13.95
		Totals S	Seed Mix	8.60	38.53	\$86.12
oplication						
D 141						Cost /Acre

Drill Seeding (DRMS Survey Cost)		\$232.00
	Total Seed Application Cost/Acre	\$232.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	1.00	TON	\$288.00	\$288.00
Total Mulch Materials Cost/Acre				\$288.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$68.78
Power mulcher (MEANS 32 91 13.16 0350)		\$92.78
	Total Mulch Application Cost/Acre	\$161.56

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Totals 1	Nursery Stoc	k Cost / Acre	\$0.00

JOB TIME AND COST

No. of Acres:	14	Cost /Acre:	\$860.45
Estimated Failure Rate:	20%	Cost /Acre*:	\$318.12
*Selected Replanting Work Items:	SEEDING		_

Initial Job Cost: \$12,046.30

Reseeding Job Cost: \$890.74

Total Job Cost: \$12,937

Job Hours: 7.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Mo	b/Demob Reclar	nation Equipme	nt		
e: Barton Pit	Permi	Action: 2018 C	Cost Estimate	Permit/Jo	ob#: <u>M2000149</u>
PROJECT IDENTIFICAT	<u>ON</u>				
Task #: 004 Date: 10/29/2018 User: JLE		olorado ogan		Abbreviation: Filename:	None NA
Agency or organization	n name: DRMS	S			
EQUIPMENT TRANSPOR	T RIG COST				
			Sh	ift basis:	1 per day
			Cost Data	Source:	CRG Data
Truck Tractor Desc	ription: GENE	ERIC ON-HIGHW	AY TRUCK TR	ACTOR, 6X4,	DIESEL POWERED,
			400 HP (2ND H		
Truck Trailer Desc	ription: G		NG GOOSENEC		•
		T	RAILER (25T, 50	T, 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		

\$27.66

\$25.39

\$117.55

\$27.66

\$25.39

\$125.45

NON ROADABLE EQUIPMENT:

Operator Cost/Hour:

Total Unit Cost/Hour:

Helper Cost/Hour:

\$27.66

\$0.00

\$88.67

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/unit	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)				fleet		
Cat D9T - 9SU	66.13	\$123.06	\$125.45	1	\$248.51	\$125.45	\$250.00
Cat 637G w/push-	59.59	\$165.84	\$125.45	2	\$582.58	\$250.90	\$250.00
pull							
CAT 14M	23.57	\$60.13	\$88.67	1	\$148.80	\$88.67	\$250.00
Drill/Broadcast	25.00	\$15.54	\$88.67	2	\$208.42	\$177.34	\$250.00
Seeder with							
Tractor							

Subtotals: \$1,188.31 \$642.36 \$1,000.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Water Tanker, 5,000 Gal.	\$83.13	1	\$83.13	\$83.13

Subtotals:	\$83.13	\$83.13
------------	---------	---------

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

STERLING

miles

55.00

mph

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

\$5,335.23

\$43.53

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.26	0.26
Return Time (Hours):	0.26	0.26
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.52	0.52
· ·		

JOB TIME AND COST

Total job time: 3.05 Hours

Total job cost: \$5,379