



COLORADO

Division of Reclamation,
Mining and Safety


Department of Natural Resources

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: Stocks Clay Mine	MINE/PROSPECTING ID#: M-1977-324	MINERAL: Clay (general)	COUNTY: Fremont
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: February 23, 2023	INSP. TIME: 11:00
OPERATOR: Summit Brick & Tile Co.	OPERATOR REPRESENTATIVE: Mark Jesik	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$38,500.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
INSPECTOR(S): Timothy Cazier, P.E.	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 29, 2024

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Gen. Compliance With Mine Plan

PROBLEM/POSSIBLE VIOLATION: Problem: The current mine plan needs to be updated and clarified pursuant to C.R.S. 34-32.5-112 (1)(c)(VI). The operator must provide sufficient information to describe or identify how the operator intends to conduct the phased operation.

CORRECTIVE ACTIONS: The operator shall submit a Technical Revision, with the required \$216 revision fee, to update and clarify the current approved mine plan to reflect existing and proposed activities by the corrective action date.

CORRECTIVE ACTION DUE DATE: 2/28/24

OBSERVATIONS

This inspection was conducted by Tim Cazier (DRMS) as part of the regular monitoring program to assess compliance with the approved mine reclamation permit. The Permittee (Summit Brick & Tile Co.) was represented by Mr. Mark Jesik. The Stocks Clay Mine is accessed from Red Canyon Road (Co Road 9), approximately 4.5 miles north of Cañon City. This is a 112c clay mine. The mine was not operating at the time of the inspection. There was two to three inches of fresh snow on the ground, preventing some typical inspection observations, and the temperature was 13°F.

Availability of Records: Annual reports are current, having been filed through February 2023, stating the last mining activity was December 28, 2018, less than 180 days prior to the annual report date. This permit is approved for intermittent status (ref. Exh. D, CN-1). The previous inspection was on August 1, 2018. The approved post-mine land use is rangeland. There were no open infractions prior to the inspection. Both the surface and minerals are privately owned.

Backfilling and Grading: Sufficient backfill material appeared to be available. Mr. Jesik stated the overburden caprock would be used for reclamation.

Excess Spoil and Dev. Waste: Overburden consists of caprock stockpiled in stable piles (see **Photo 1**).

Explosives: The mine has filed a blasting plan with DRMS.

Financial Warranty: The \$38,500 bond held by the DRMS requires updating due to recent inflation adjustments and the site is moving into a new phase based on disturbance observed during the inspection. **A draft update to the bond (\$82,461) is attached to this report.** Quantities and equipment were obtained from the CN-1 Exhibits E and L. However, based on the required Technical Revision (TR) cited under "Gen. Compliance with Mine Plan" below, the bond will likely require additional adjustments as the draft estimate includes only 20 acres of reclamation. The unit costs in the attached estimate could be used as a basis for a revised bond under the required TR.

Fish and Wildlife: No impact to wildlife was observed.

Gen. Compliance with Mine Plan: The maximum allowed disturbed area at one time under the approved phased mining plan is 20 acres. The approved CN-1 mine plan from 1993 is somewhat vague on how much of the 280 permitted acres are planned to be mined, but it is clearly stated to be a phased bond operation. During a telephone call with Julie Welte at Summit Brick & Tile Co. on January 26, 2023, Ms. Welte confirmed a majority of the 280 acres is intended to be mined. However, due to some of the rugged terrain and that some clay was mined out as an underground operation beginning in the 1920's, not all of the 280 acres would be mined.

When the 112c conversion application was approved in 1993, The DRMS accepted a three-tier level of disturbance categorized as "major", "moderate" and "minor". This is no longer the practice under our program. Google Earth was used to measure the disturbed area, which was approximately 13.6 acres, based on older 2019 imagery. Your annual report cites 14 acres of disturbance. As such, the site is under the 20-acre bonded area. However, stripping operations in the northwest corner have disturbed approximately 0.15 acres outside the phased boundary markers (see attached **Post Inspection Map**). The DRMS requires Permittees submit a Technical Revision prior to entering a new portion of a phased mining operation. It

should be noted the DRMS was unable to locate any documentation informing you of this requirement in the file. **The need to submit a Technical Revision to update the Mine and Reclamation plans for this site is cited as a Problem on p. 1 of this report.** The TR should include an update to the mine plan (Exhibit D) to include the amount of area being affected, and any changes to the mining method; and any appropriate updates the reclamation plan (Exhibit E). The mine and reclamation plan maps (Exhibits C and F) need to be updated to show which portions of the 280-acre permit will be mined and reclaimed; and the reclamation cost estimate (Exhibit L) will need to be updated as well. The various projected mine phases should be identified in the revised Exhibit C.

Highwalls were estimated to vary between 10 and 12 feet in height and appeared stable (see **Photos 2 and 3**).

Off-site Damage: The operation is confined to the permit boundary, but not the current marked phased affected area boundary, based on Google Earth review and site observations.

Processing Waste: No processing waste was observed.

Right of Entry: Mr. Jesik confirmed the lease with Joe Stock was current at the time of the inspection.

Reclamation Success: Reclamation has been initiated in the SE corner of the affected area. The status could not be determined due to the snow cover.

Support Facilities On-site: No equipment was observed on site.

Signs and Markers: The permit sign was properly posted (see **Photo 4**) and boundary markers were observed to delineate the permit boundary (see **Photo 5**).

Permit Stipulations: There are no permit stipulations.

Structures: No new structures were observed within 200 feet of the affected area.

Post Inspection Meeting: No problems were cited during the inspection, but the disturbance (stripping) in the NW corner was discussed and that it might result in a problem being cited. Subsequent to the inspection, the DRMS performed additional file review and followed up with a phone call to Ms. Welte on January 26th explaining to her why the cited problem requiring a TR is necessary.

Please contact Tim Cazier (303)328-5229 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Overburden (caprock) stockpile (looking south from highwall crest).



Photo 2. West side, North highwall (looking NW).

PHOTOGRAPHS (cont.)



Photo 3. West side, North highwall (looking east).



Photo 4. Permit sign (near SE corner of current phased affected area boundary).

PHOTOGRAPHS (cont.)

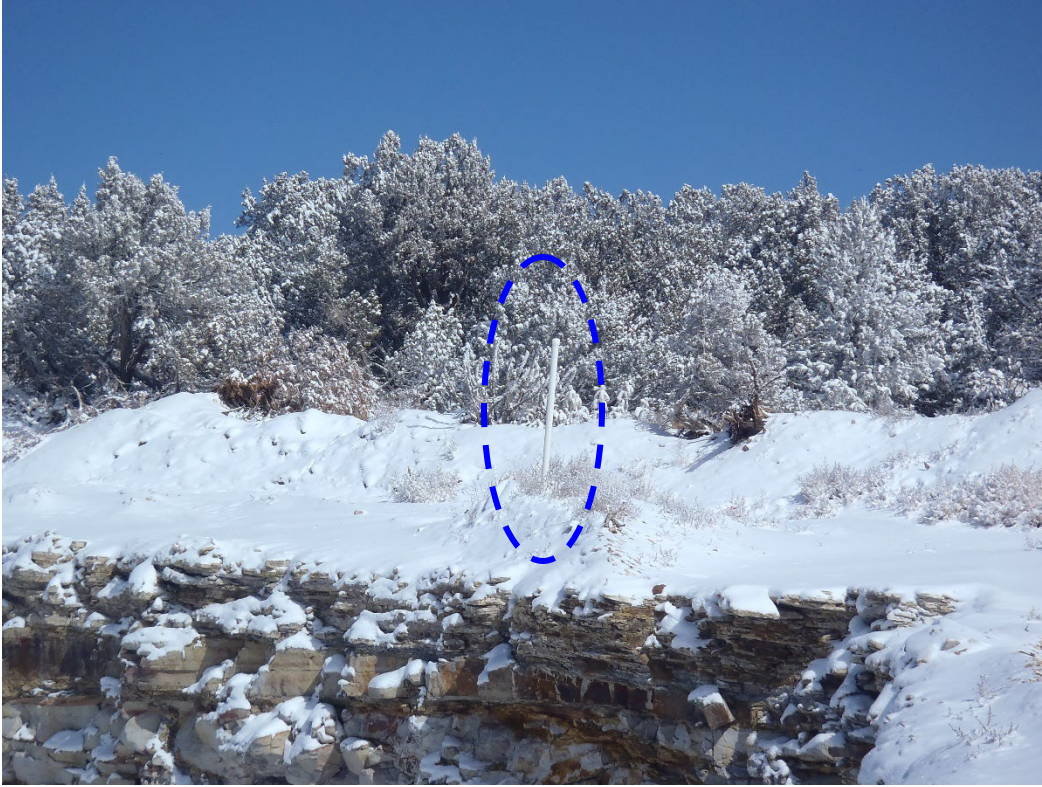


Photo 5. Typical phased affected area boundary marker (north side, highwall crest below).

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

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

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / **PB = Problem cited** / PV = Possible violation cited

Inspection Contact Address

Mark Jesik
Summit Brick & Tile Co.
P.O. Box 533
Pueblo, CO 81002









Enclosures: Post Inspection Map
Attachment A: Draft Updated Bond Estimate

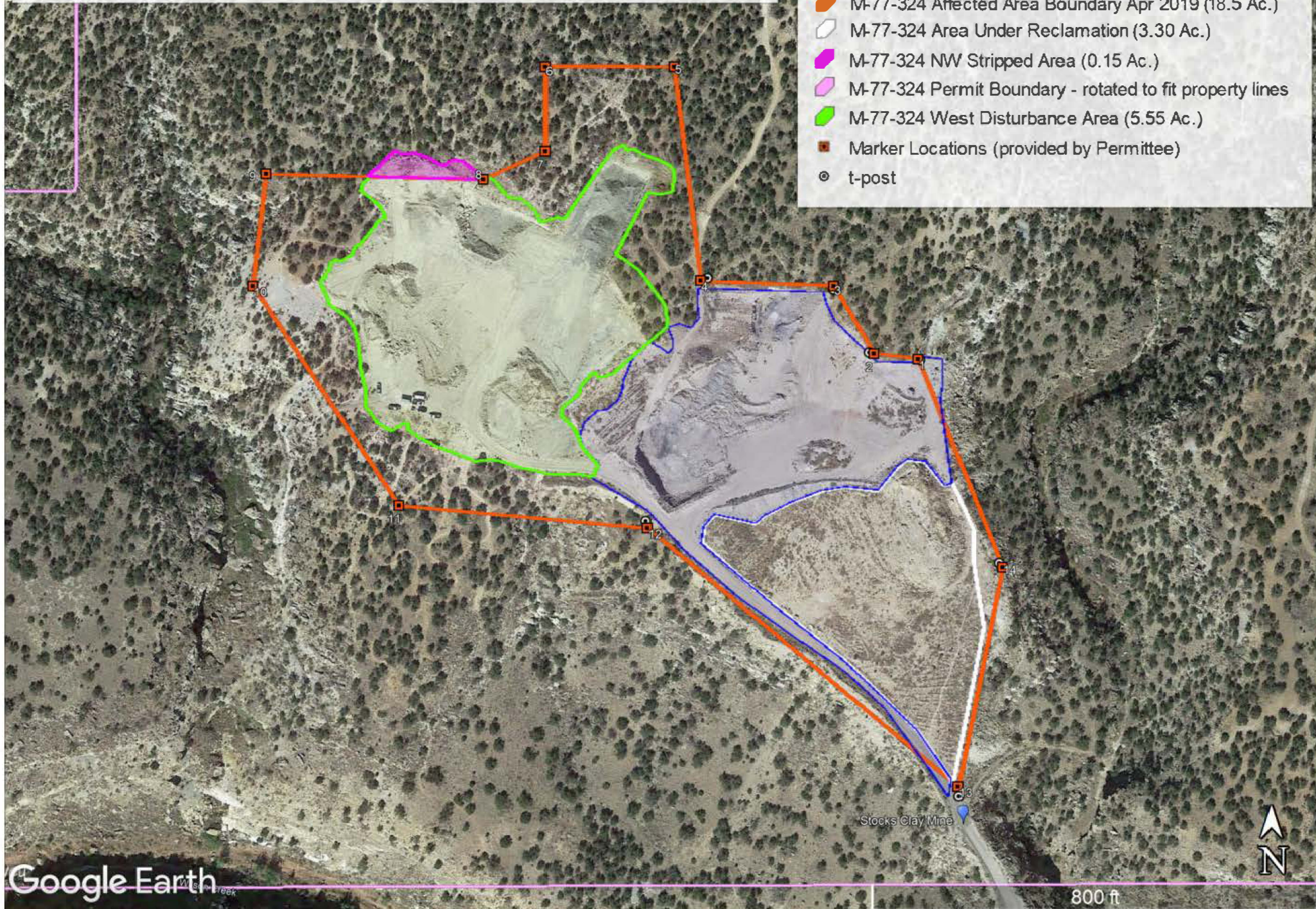
ec: Hunter Ridley, DRMS
DRMS file
Julie Welte, P.E., Summit Brick & Tile Co.

M-77-324 / Stocks Clay Mine - Post Inspection Map

Satellite imagery from 10/5/2019

Legend

-  M-77-324 2016 GE East Disturbance (4.74 Ac.)
-  M-77-324 Affected Area Boundary Apr 2019 (18.5 Ac.)
-  M-77-324 Area Under Reclamation (3.30 Ac.)
-  M-77-324 NW Stripped Area (0.15 Ac.)
-  M-77-324 Permit Boundary - rotated to fit property lines
-  M-77-324 West Disturbance Area (5.55 Ac.)
-  Marker Locations (provided by Permittee)
-  t-post



Attachment A: Draft Updated Bond Estimate

COST SUMMARY WORK

Task description: Cost Summary

Site: Stocks Clay Mine

Permit Action: 2023 Update

Permit/Job#: M1977324

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 1/24/2024

County: Fremont

Filename: M324-000

User: TC1

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfill 48,000 CY	LOADER	1	237.88	\$30,314
002	Place 10,000 CY of Topsoil	DOZER	1	65.20	\$16,173
003	Reveg 20 acres	REVEGE	1	0.00	\$9,723
004	Weed Control	REVEGE	1	0.00	\$187
005	Mob/Demob Equipment	MOBILIZE	1	2.28	\$2,528
<u>SUBTOTALS:</u>				305.36	\$58,925

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$1,190

Performance bond: 1.05

Total = \$619

Job superintendent: 136.03

Total = \$8,853

Profit: 10.00

Total = \$5,892

TOTAL O & P = \$16,554

CONTRACT AMOUNT (direct + O & P) = \$75,479

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$0

Total = \$0

Engineering work and/or contract/bid preparation: 4.25

Total = \$3,208

Reclamation management and/or administration: 5.00

\$3,774

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$23,536

TOTAL BOND AMOUNT (direct + indirect) = \$82,461

WHEEL LOADER – LOAD AND CARRY WORKTask description: **Backfill 48,000 CY**Site: **Stocks Clay Mine**Permit Action: **2023 Update**Permit/Job#: **M1977324****PROJECT IDENTIFICATION**Task #: **001**State: **Colorado**Abbreviation: **None**Date: **1/24/2024**County: **Fremont**Filename: **M324-001**User: **TC1**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **CAT 962H**Attachment 1: **ROPS Cab**Horsepower: **209**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		Utilization %
Ownership Cost/Hour:	\$46.00	NA
Operating Cost/Hour:	\$40.72	100
Operator Cost/Hour:	\$40.71	NA
Total Unit Cost/Hour:	\$127.43	
Total Fleet Cost/Hour:	\$127.43	

MATERIAL QUANTITIESInitial volume: **48,000**

CCY

Swell factor: **1.165**Loose volume: **55,920**

LCY

Source of estimated volume: **CN-1, Exh. L**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION****Loader Cycle Time:**Unadjusted Basic Cycle Time (load, dump,
maneuver):**0.500**

minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Bank or broken material 0.04	0.040	(Cat HB)
Stockpile:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Truck Ownership:	Common ownership of trucks and loaders - 0.04	-0.040	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.040	minutes
Adjusted Basic Cycle Time:		0.460	minutes

Rolling Resistance – Road ConditionsHaul: **Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0**Return: **Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0**

Haul and Return Time

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	250	-5.00	8.00	3.00	0.1995	(Cat HB)
Return Route:	250	5.00	8.00	13.00	0.3425	(Cat HB)

Total Travel Time: 0.5421 minutes
Total Cycle Time: 1.0021 minutes

Load Bucket Capacity

Rated Capacity: 4.30 LCY (heaped)
Bucket Fill Factor: 1.100 Other - rock/dirt mixtures (100-120%) 1.100
Adjusted Capacity: 4.73 LCY

Job Condition Correction Factors

Site Altitude: 6000 feet

Altitude Adj:	<u>1.00</u>	Source (CAT HB)
Job Efficiency:	<u>0.83</u>	(1 shift/day)
Net Correction:	<u>0.83</u>	multiplier

Unadjusted Hourly Unit Production: 283.21 LCY/Hour
Adjusted Hourly Unit Production: 235.07 LCY/Hour
Adjusted Hourly Fleet Production: 235.07 LCY/Hour

JOB TIME AND COST

Fleet size: 1 Loader(s) Total job time: 237.89 Hours
Unit cost: \$0.542 /LCY Total job cost: \$30,314

BULLDOZER WORKTask description: **Place 10,000 CY of Topsoil**Site: **Stocks Clay Mine**Permit Action: **2023 Update**Permit/Job#: **M1977324****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **1/24/2024**County: **Fremont**Filename: **M324-002**User: **TAR**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS Series II LGP**Horsepower: **240**Blade Type: **Straight**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$114.76	NA
Operating Cost/Hour:	\$91.98	100
Ripper own.		
Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: **\$248.04**Total Fleet Cost/Hour: **\$248.04****MATERIAL QUANTITIES**Initial Volume: **10,000**Swell factor: **1.125**Loose volume: **11,250 LCY**Source of estimated volume: **CN-1, Exh L**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **200 feet**Unadjusted hourly production: **289.3 LCY/hr**Materials consistency description: **Partly consolidated stockpile 1.1**Average push gradient: **-5 %**Average site altitude: **6,000 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth**

Job Condition Correction Factor

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5964

Adjusted unit
production: 172.54 LCY/hr
Adjusted fleet
production: **172.54** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.438/LCY

Total job time: **65.20** Hours
Total job cost: **\$16,173**

REVEGETATION WORKTask description: Reveg 20 acresSite: Stocks Clay MinePermit Action: 2023 UpdatePermit/Job#: M1977324PROJECT IDENTIFICATIONTask #: 003State: ColoradoAbbreviation: NoneDate: 1/24/2024County: FremontFilename: M324-003User: TC1Agency or organization name: DRMSFERTILIZINGMaterials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
6-24-24, 10-20-10, 15-15-15	40.00	pound	\$0.44	\$17.60
			Total Fertilizer Materials Cost/Acre	\$17.60

Application

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

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Total Tilling Cost/Acre	\$112.82

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.30	4.90	\$4.79
Indian Ricegrass - Nespar	0.90	2.91	\$7.99
Little Bluestem - Pastura	0.53	3.16	\$7.15
Sideoats Grama - Vaughn	1.35	4.43	\$11.31
Western Wheatgrass - Arriba	1.60	4.04	\$10.40
Totals Seed Mix	4.68	19.45	\$41.63

Application

Description	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
			\$	\$
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 Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres:	20	Cost /Acre:	\$404.05
Estimated Failure Rate:	30%	Cost /Acre*:	\$273.63
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$8,081.00
Reseeding Job Cost:	\$1,641.78
Total Job Cost:	\$9,723
Job Hours:	0.00

REVEGETATION WORKTask description: **Weed Control**Site: **Stocks Clay Mine**Permit Action: **2023 Update**Permit/Job#: **M1977324****PROJECT IDENTIFICATION**Task #: **004**State: **Colorado**Abbreviation: **None**Date: **1/24/2024**County: **Fremont**Filename: **M324-004**User: **TC1**Agency or organization name: **DRMS****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
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
			\$
Totals Seed Mix	0.00	0.00	\$0.00

Application

Description	Cost /Acre
	\$

	Total Seed Application Cost/Acre	\$0.00
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MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.01	\$4.01
Total Mulch Materials Cost/Acre				\$4.01

Application

Description	Cost /Acre
Weed spray, hand, non-aquatic area, nox. [DMG]	\$183.16
Total Mulch Application Cost/Acre	\$183.16

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres:	<u>1</u>	Cost /Acre:	<u>\$187.17</u>
Estimated Failure Rate:	<u>0%</u>	Cost /Acre*:	<u>\$0.00</u>
*Selected Replanting Work Items:	<u>NONE</u>		
Initial Job Cost:	<u>\$187.17</u>		
Reseeding Job Cost:	<u>\$0.00</u>		
Total Job Cost:	<u>\$187</u>		
Job Hours:	<u>0.00</u>		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mob/Demob Equipment**Site: **Stocks Clay Mine**Permit Action: **2023 Update**Permit/Job#: **M1977324****PROJECT IDENTIFICATION**Task #: **005**State: **Colorado**Abbreviation: **None**Date: **1/24/2024**County: **Fremont**Filename: **M324-005**User: **TC1**Agency or organization name: **DRMS****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:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$20.26	\$36.04	\$47.05
Operating Cost/Hour:	\$39.51	\$76.08	\$82.85
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
CAT 962H	20.95	\$46.00	\$82.29	1	\$128.29	\$82.29	\$250.00
Cat D7R DS Series II LGP	34.57	\$114.76	\$158.17	1	\$272.93	\$158.17	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00

Subtotals: **\$490.24** **\$322.75** **\$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, 1 T. Crew	\$27.44	1	\$27.44	\$27.44

Subtotals: **\$27.44** **\$27.44**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	CAÑON CITY	
Total one-way travel distance:	8.00	miles
Average Travel Speed:	25.00	mph

Total Non-Roadable Mob/Demob Cost *	\$2,510.55
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$17.56
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.32	0.32
Return Time (Hours):	0.32	0.32
Loading Time (Hours):	0.25	NA
Unloading Time (Hours):	0.25	NA
Subtotals:	1.14	0.64

JOB TIME AND COST

Total job time:	2.28	Hours
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Total job cost:	\$2,528
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