




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Garrett Pit	MINE/PROSPECTING ID#: M-1978-271	MINERAL: Gravel	COUNTY: Conejos
INSPECTION TYPE: Monitoring	INSPECTOR(S): Wallace H. Erickson	INSP. DATE: January 23, 2013	INSP. TIME: 10:00
OPERATOR: Asphalt Gravel Products, Inc.	OPERATOR REPRESENTATIVE: Roy Burtraw	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$181,755.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 1, 2013

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>NA</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---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(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>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</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 inspection occurred as part of the Division's routine monitoring program for permitted operations. The Garrett Pit is approved for 80 acres affected lands for the extraction of construction materials. Affected lands will be reclaimed to support rangeland post-mining land use. The Division holds \$181,755 financial warranty. This report is accompanied by five photographs and an updated reclamation cost estimation totaling \$166,408.38.

Public access to the permit area is controlled by locked gate and barbed wire fencing. Mining activities were dormant during the inspection. On-site facilities included truck scales, mobile crushers with conveyors, three semi-trailers, one fuel tank and several drums, assumed to be lubricant. Numerous stockpiles of mined and processed materials were located on the pit floor at the west side of the permit area. Approximately 4,300 linear feet of pit highwall has been graded to approximate 3H:1V slope; vegetative cover was protruding above the snow cover for these reclaimed slopes. Approximately 3,000 linear feet of pit highwall appeared active and was near vertical. Reclamation materials were stockpiled above the pit highwalls and available for downhill push after those highwalls have been reduced to 3H:1V. Reclamation materials were also stockpiled on the pit floor and available for redistribution throughout the pit area. According to the most recent annual report submitted by the Operator, received October 29, 2012, there are approximately 53 acres affected, of which 20 acres have been graded, topsoil replaced and seeded, leaving approximately 33 acres of affected lands not yet reclaimed and an additional 17 acres of pit reserves not yet mined. Site conditions appeared consistent with the descriptions provided by the Operator in the annual report. The Division encourages the Operator to continue its efforts of reclaiming depleted areas as the mining activity advances.

Based on observations made during the inspection and recorded in this report the Division has reviewed the current cost of reclamation totaling \$166,408.38. Please find enclosed 14 pages of summary, drawing, and task sheets utilized by the Division to estimate the current cost of reclamation. Therefore, the existing \$181,755 financial warranty appears sufficient to ensure the completion of reclamation.

No problems or possible violations were observed.

Response to this inspection report should be addressed to Wally Erickson at the Division's office in Durango at 691 County Road 233, Suite A-2, Durango, CO 81301, phone (970) 247-5469.

Inspection Contact Address

Rock Southway
Asphalt Gravel Products, Inc.
117 White Pine Drive
Alamosa, CO 81101

Enclosure: 5 photographs;
Reclamation cost estimation totaling \$166,408.38

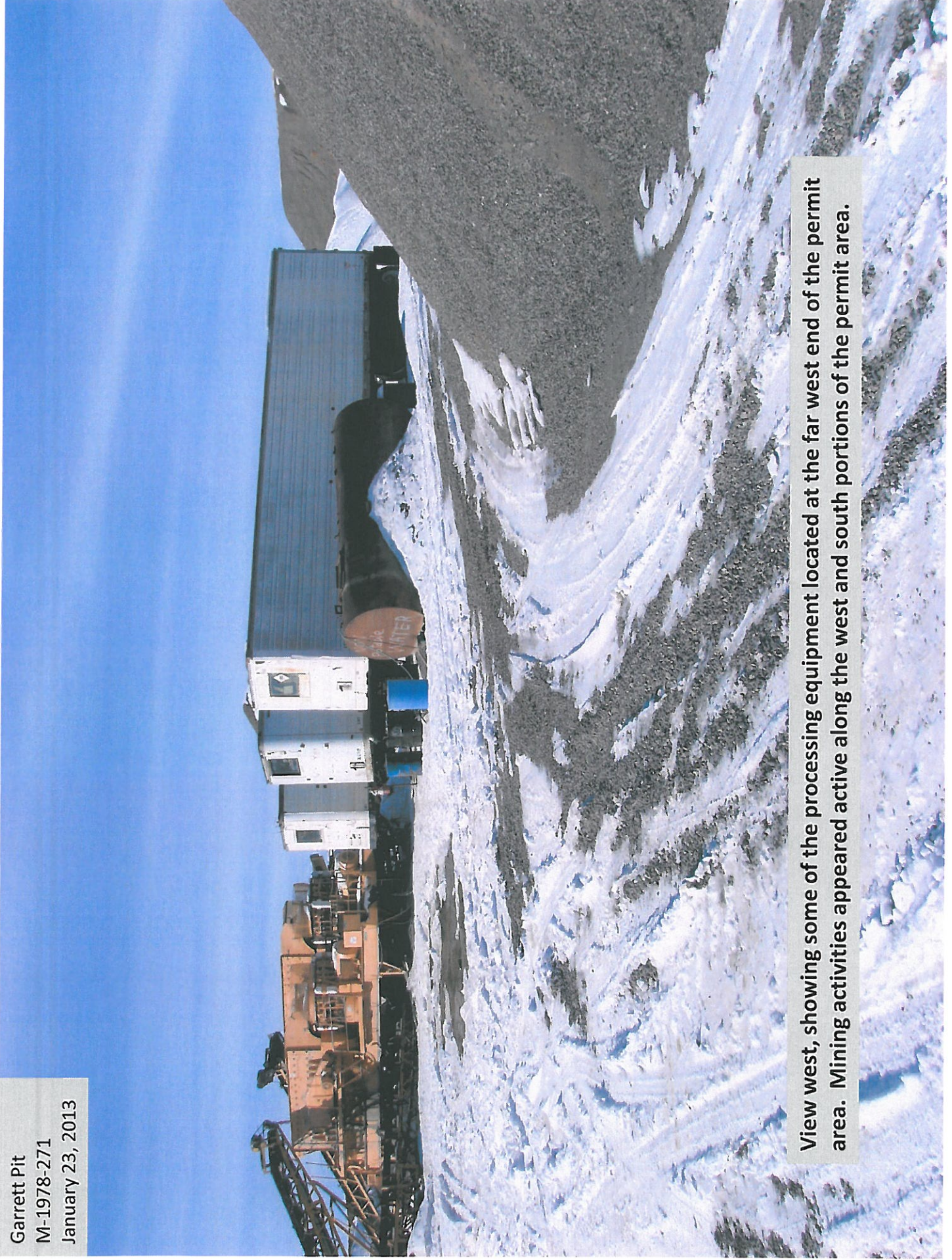
ec w/enclosure: Russ Means, DRMS GJFO

Garrett Pit
M-1978-271
January 23, 2013



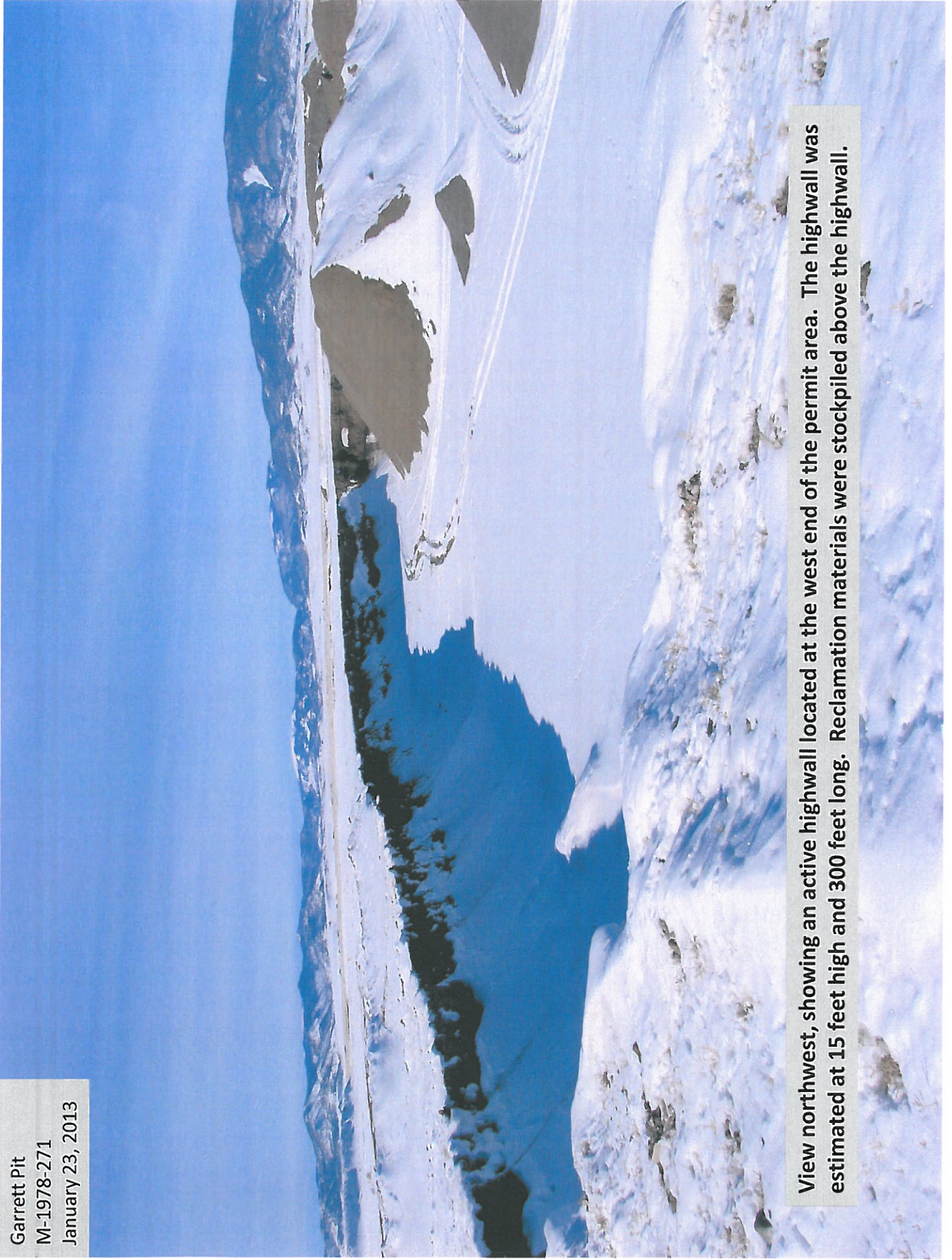
View west, taken from the pit floor, showing truck scales in foreground, and processing equipment and numerous material stockpiles in background.

Garrett Pit
M-1978-271
January 23, 2013



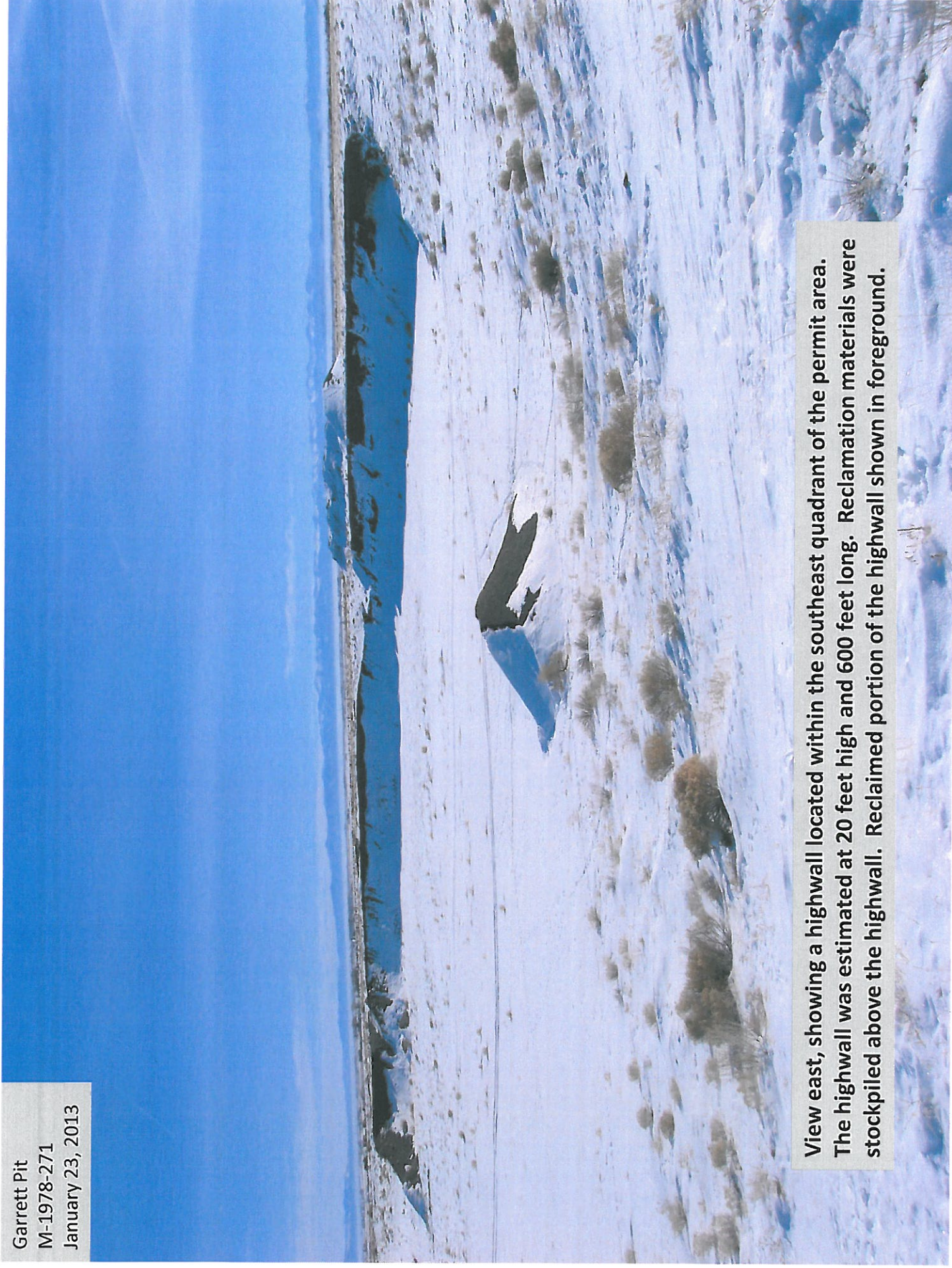
View west, showing some of the processing equipment located at the far west end of the permit area. Mining activities appeared active along the west and south portions of the permit area.

Garrett Pit
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View northwest, showing an active highwall located at the west end of the permit area. The highwall was estimated at 15 feet high and 300 feet long. Reclamation materials were stockpiled above the highwall.

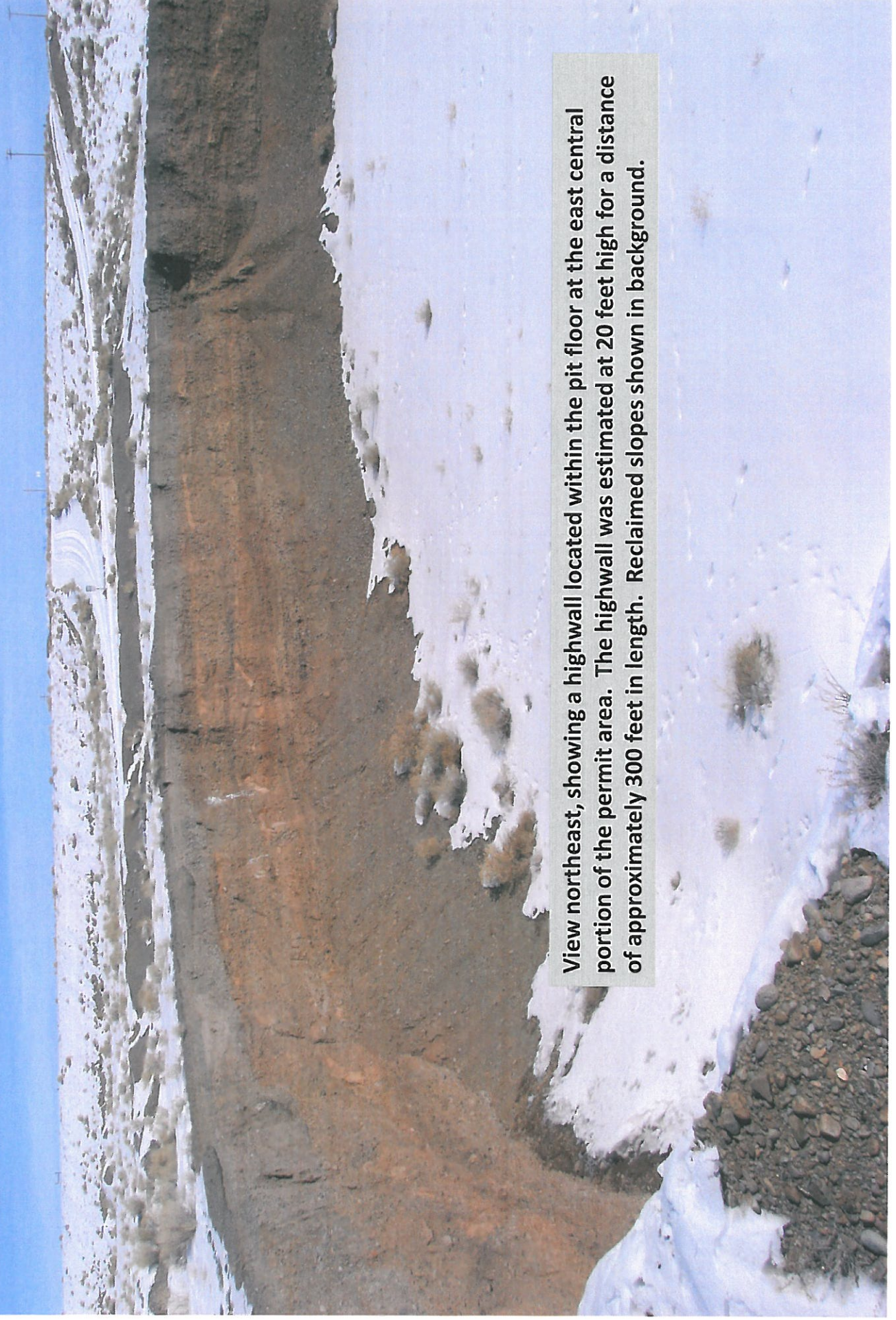
Garrett Pit
M-1978-271
January 23, 2013



View east, showing a highwall located within the southeast quadrant of the permit area. The highwall was estimated at 20 feet high and 600 feet long. Reclamation materials were stockpiled above the highwall. Reclaimed portion of the highwall shown in foreground.

Garrett Pit
M-1978-271
January 23, 2013

View northeast, showing a highwall located within the pit floor at the east central portion of the permit area. The highwall was estimated at 20 feet high for a distance of approximately 300 feet in length. Reclaimed slopes shown in background.



COST SUMMARY WORK

Task description: Summary of cost for reclamation tasks

Site: Garrett Pit

Permit Action: Routine update

Permit/Job#: M1978271

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 1/31/2013

County: Conejos

Filename: M271-000

User: WHE

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Highwall Reduction from 0.5H:1V to 3H:1V	DOZER	1	18.84	\$3,883.43
002	Grade & Rip Pit Floor, prepare for topsoil replacement	DOZER	1	127.81	\$26,552.30
003	Replace Topsoil for 3H:1V Slopes	DOZER	1	5.52	\$1,131.69
004	Carry & Place Vegetation Growth Medium for Pit Floor	LOADER	1	239.48	\$24,866.00
005	Revegetate 53 acres	REVEGE	1	40.00	\$61,432.96
006	Haul reclamation equipment to and from job site	MOBILIZE	1	3.50	\$3,854.36
<u>SUBTOTALS:</u>				435.15	\$ \$121,720.74

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02
Performance bond: 1.05
Job superintendent: 217.58
Profit: 10.00

Total = \$2,458.76

Total = \$1,278.07

Total = \$14,231.58

Total = \$12,172.07

TOTAL O & P = \$30,140.48

CONTRACT AMOUNT (direct + O & P) = \$151,861.22

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 500.00

Total = 500.00

Engineering work and/or contract/bid preparation: 4.25

Total = \$6,454.10

Reclamation management and/or administration: 5.00

\$7,593.06

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$44,687.64

TOTAL BOND AMOUNT (direct + indirect) = \$166,408.38

BULLDOZER WORKTask description: Highwall Reduction from 0.5H:1V to 3H:1VSite: Garrett PitPermit Action: Routine updatePermit/Job#: M1978271PROJECT IDENTIFICATIONTask #: 001State: ColoradoAbbreviation: NoneDate: 1/31/2013County: ConejosFilename: M271-001User: WHEAgency or organization name: DRMSHOURLY EQUIPMENT COSTBasic Machine: Cat D8T - 8UHorsepower: 310Blade Type: UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$63.00	NA
Operating Cost/Hour:	\$104.06	100
Ripper op. Cost/Hour:	\$1.63	25
Operator Cost/Hour:	\$37.41	NA

Total unit Cost/Hour: \$206.11Total Fleet Cost/Hour: \$206.11MATERIAL QUANTITIESInitial Volume: 14,000Swell factor: 1.000Loose volume: 14,000 LCYSource of estimated volume: See attached drawing, "Highwall Reduction..."Source of estimated swell factor: NAHOURLY PRODUCTIONAverage push distance: 50 feetUnadjusted hourly production: 1,627.0 LCY/hrMaterials consistency description: Compacted fill or embankment 0.9Average push gradient: -15 %Average site altitude: 7,750 feetMaterial weight: 3,300 lbs/LCYWeight description: Decomposed rock - 75% Rock, 25% EarthJob Condition Correction Factor

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.100	(50% SL)

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4567

Adjusted unit production: 743.05 LCY/hr

Adjusted fleet production: **743.05 LCY/hr**

JOB TIME AND COST

Fleet size: 1 Dozer(s)

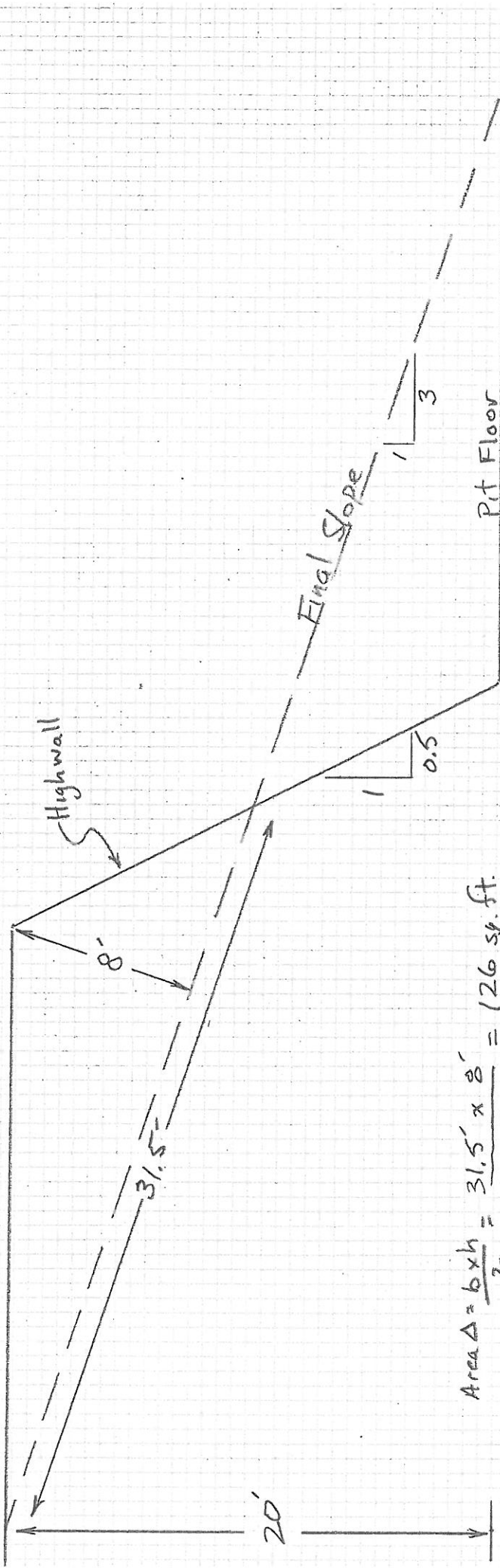
Unit cost: \$0.277/LCY

Total job time: **18.84 Hours**

Total job cost: **\$3,883.43**

Highwall Reduction from 0.5H:1V to 3H:1V

Garrett Pit
M-1978-271
1/31/13 WHE
Scale 1"=6'



$$\text{Area } \Delta = \frac{b \times h}{2} = \frac{31.5' \times 8'}{2} = 126 \text{ sq. ft.}$$

$$\text{Length of highwall} \approx 3,000' \text{ L}$$

$$\text{Material Quantity} = 3,000' \text{ L} \times 126 \text{ sq. ft.}$$

$$= 378,000 \text{ cu ft}$$

$$= 14,000 \text{ cy}$$

Topsoil Replacement for 3H:1V slopes

$$\text{Area} = 3000' \text{ L} \times 63' \text{ W}$$

$$= 189,000 \text{ sq. ft.}$$

$$\text{Material Quantity} = 189,000 \text{ sq. ft.} \times 0.5' \text{ D}$$

$$= 94,500 \text{ cu ft}$$

$$= 3,500 \text{ cy}$$

BULLDOZER WORKTask description: Grade & Rip Pit Floor, prepare for topsoil replacementSite: Garrett PitPermit Action: Routine updatePermit/Job#: M1978271PROJECT IDENTIFICATIONTask #: 002State: ColoradoAbbreviation: NoneDate: 1/31/2013County: ConejosFilename: M271-002User: WHEAgency or organization name: DRMSHOURLY EQUIPMENT COSTBasic Machine: Cat D8T - 8UHorsepower: 310Blade Type: UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$63.00	NA
Operating Cost/Hour:	\$104.06	100
Ripper op. Cost/Hour:	\$3.27	50
Operator Cost/Hour:	\$37.41	NA

Total unit Cost/Hour: \$207.75Total Fleet Cost/Hour: \$207.75MATERIAL QUANTITIESInitial Volume: 46,141Swell factor: 1.000Loose volume: 46,141 LCYSource of estimated volume: (28.6ac)(43560sf/ac)(1'D) / 27 = 46,141 cySource of estimated swell factor: NAHOURLY PRODUCTIONAverage push distance: 75 feetUnadjusted hourly production: 1,155.6 LCY/hrMaterials consistency description: Compacted fill or embankment 0.9Average push gradient: 0 %Average site altitude: 7,750 feetMaterial weight: 3,300 lbs/LCYWeight description: Decomposed rock - 75% Rock, 25% EarthJob Condition Correction Factor

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)

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:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3124

Adjusted unit production: 361.01 LCY/hr

Adjusted fleet production: **361.01 LCY/hr**

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.575/LCY

Total job time: **127.81 Hours**
Total job cost: **\$26,552.30**

BULLDOZER WORKTask description: Replace Topsoil for 3H:1V SlopesSite: Garrett PitPermit Action: Routine updatePermit/Job#: M1978271PROJECT IDENTIFICATIONTask #: 003State: ColoradoAbbreviation: NoneDate: 1/31/2013County: ConejosFilename: M271-003User: WHEAgency or organization name: DRMSHOURLY EQUIPMENT COSTBasic Machine: Cat D8T - 8UHorsepower: 310Blade Type: UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	\$63.00	NA
Operating Cost/Hour:	\$104.06	100
Ripper op. Cost/Hour:	\$0.65	10
Operator Cost/Hour:	\$37.41	NA

Total unit Cost/Hour: \$205.13Total Fleet Cost/Hour: \$205.13MATERIAL QUANTITIESInitial Volume: 3,500Swell factor: 1.000Loose volume: 3,500 LCYSource of estimated volume: $(3000'L)(63'W)(0.5'D) / 27 = 3,500 \text{ cy}$ Source of estimated swell factor: NAHOURLY PRODUCTIONAverage push distance: 100 feetUnadjusted hourly production: 931.6 LCY/hrMaterials consistency description: Consolidated stockpile 1.0Average push gradient: -25 %Average site altitude: 7,750 feetMaterial weight: 2,550 lbs/LCYWeight description: Earth - Dry packedJob Condition Correction Factor

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.516	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6810

Adjusted unit production: 634.42 LCY/hr
Adjusted fleet production: **634.42** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.323/LCY

Total job time: **5.52** Hours
Total job cost: **\$1,131.69**

WHEEL LOADER – LOAD AND CARRY WORKTask description: Carry & Place Vegetation Growth Medium for Pit FloorSite: Garrett Pit Permit Action: Routine update Permit/Job#: M1978271PROJECT IDENTIFICATION

Task #: 004 State: Colorado Abbreviation: None
 Date: 1/31/2013 County: Conejos Filename: M271-004
 User: WHE

Agency or organization name: DRMSHOURLY EQUIPMENT COST

Basic Machine: CAT 950H Horsepower: 197
 Attachment 1: ROPS Cab Shift Basis: 1 per day
 Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$24.98	NA
Operating Cost/Hour:	\$43.03	100
Operator Cost/Hour:	\$35.82	NA
Total Unit Cost/Hour:	\$103.83	
Total Fleet Cost/Hour:	\$103.83	

MATERIAL QUANTITIES

Initial volume: 23,070 CCY Swell factor: 1.000
 Loose volume: 23,070 LCY

Source of estimated volume: (28.6ac)(43560sf/ac)(0.5'D) / 27 = 23,070 cy
 Source of estimated swell factor: NA

HOURLY PRODUCTIONLoader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.500 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material up to 1/8" diameter 0.02	0.020	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high and up 0.00	0.000	(Cat HB)
Truck Ownership:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Fragile target 0.05	0.050	(Cat HB)
Net Cycle Time Adjustment:		0.030	minutes
Adjusted Basic Cycle Time:		0.530	minutes

Rolling Resistance – Road Conditions

Haul: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0
 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

Haul and Return Time

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	1000	0.00	5.00	5.00	0.9564	(Cat HB)
Return Route:	1000	0.00	5.00	5.00	0.8477	(Cat HB)

Total Travel Time: 1.8041 minutes
 Total Cycle Time: 2.3341 minutes

Load Bucket Capacity

Rated Capacity: 4.30 LCY (heaped)
 Bucket Fill Factor: 1.050 Other - moist loam (100-110%) 1.050
 Adjusted Capacity: 4.52 LCY

Job Condition Correction FactorsSite Altitude: 7750 feet

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

Unadjusted Hourly Unit Production: 116.06 LCY/Hour
 Adjusted Hourly Unit Production: 96.33 LCY/Hour
 Adjusted Hourly Fleet Production: 96.33 LCY/Hour

JOB TIME AND COST

Fleet size: 1 Loader(s) Total job time: 239.49 Hours
 Unit cost: \$1.078 /LCY Total job cost: \$24,866.00

REVEGETATION WORKTask description: Revegetate 53 acresSite: Garrett PitPermit Action: Routine updatePermit/Job#: M1978271**PROJECT IDENTIFICATION**Task #: 005State: ColoradoAbbreviation: NoneDate: 1/31/2013County: ConejosFilename: M271-005User: WHEAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	200.00	pound	\$0.33	\$65.40
			Total Fertilizer Materials Cost/Acre	\$65.40

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$52.71
Total Fertilizer Application Cost/Acre	\$52.71

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$98.01
Total Tilling Cost/Acre	\$98.01

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.60	9.79	\$6.39
Sand Dropseed	0.10	11.94	\$0.70
Crested Wheatgrass - Fairway	2.00	9.18	\$4.84
Russian Wildrye - VNS	2.50	10.04	\$9.28
Yellow Sweet Clover - Madrid	0.15	0.90	\$0.38
Rabbitbrush, Rubber	0.15	2.23	\$5.49
Totals Seed Mix	5.50	44.09	\$27.08

Application

Description	Cost /Acre
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Drill seeding (DRMS Cost Data)	\$88.20
Total Seed Application Cost/Acre	\$88.20

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$265.00	\$530.00
Total Mulch Materials Cost/Acre				\$530.00

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$65.89
Total Mulch Application Cost/Acre	\$65.89

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: 53 Cost /Acre: \$927.29
 Estimated Failure Rate: 25% Cost /Acre*: \$927.29
 *Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,NU
RSERY,MULCHING
 Initial Job Cost: \$49,146.37
 Reseeding Job Cost: \$12,286.59
 Total Job Cost: \$61,432.96
 Job Hours: 40.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Haul reclamation equipment to and from job siteSite: Garrett PitPermit Action: Routine updatePermit/Job#: M1978271**PROJECT IDENTIFICATION**Task #: 006State: ColoradoAbbreviation: NoneDate: 1/31/2013County: ConejosFilename: M271-006User: WHEAgency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per day
Cost Data Source: CRG DataTruck 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:	\$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

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 D8T - 8U	53.70	\$63.00	\$125.45	1	\$188.45	\$125.45	\$250.00
CAT 950H	20.13	\$24.98	\$88.67	1	\$113.65	\$88.67	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$39.59	\$88.67	2	\$256.51	\$177.34	\$500.00

Subtotals: **\$558.61** **\$391.46** **\$1,000.00****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	\$32.79	1	\$32.79	\$32.79

Subtotals: **\$32.79** **\$32.79**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	ALAMOSA	
Total one-way travel distance:	15.00	miles
Average Travel Speed:	40.00	mph

Total Non-Roadable Mob/Demob Cost *	\$3,829.77
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$24.59
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.38	0.38
Return Time (Hours):	0.38	0.38
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.75	0.75

JOB TIME AND COST

Total job time:	3.50	Hours
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Total job cost:	\$3,854.36
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