

August 8, 2025

Nancy Normore
Shift Exploration Inc.
503-905 West Pender Street
Vancouver, BC V6C 1L6 Canada

RE: COYOTE BASIN PROJECT, FILE NO. P-2025-011 SHIFT EXPLORATION INC., NOTICE OF INTENT TO CONDUCT EXPLORATION OPERATIONS, ADEQUACY REVIEW NO. 2

Dear Nancy Normore:

The Division of Reclamation, Mining and Safety (Division) is in the process of reviewing the above referenced application in order to ensure that it adequately satisfies the requirements of the Colorado Mined Land Reclamation Act (Act) and the associated Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for Hard Rock, Metal, and Designated Mining Operations (Rules). The Division received your adequacy review response dated August 4, 2025. During review of the material submitted, the Division determined that the following issue(s) of concern shall be adequately addressed before a decision can be rendered.

Maps

- 1. Pursuant to Rule 6.2.1(2)(a-d), which is applicable to all types of permit applications, "Maps, except the index map, must conform to the following criteria: show name of Applicant, must be prepared and signed by a registered land surveyor, professional engineer, or other qualified person; and give date prepared. Maps / Figures submitted with this application do not adhere to the above requirements. In addition to adding the required elements, please also update the Permittee name on maps and in the legend to 'Shift Exploration Inc.' **Resolved.**
- 2. It is the Division's understanding that various updates to the maps have been made during the BLM NOI review process. Please ensure any changes are also reflected on new maps submitted to the Division, including changes to the location of drill holes, trenches, fences, access trails, etc. **Resolved.**
- 3. For precision of reference to the proposed NOI project area, please provide the Division with .kmz or shapefile versions of key project points and polygons, e.g. drill holes, laydown areas, access paths, etc. **Resolved.**



Section III

4. Under Item No. 6(k), the applicant states that it is not anticipated that any drill holes will encounter groundwater. For all holes to be drilled, provide supporting hydrologic documentation to clarify which plugging and abandonment method is to be utilized at which hole to minimize impacts to the prevailing hydrologic balance pursuant to Rule 3.1.6(1). If the hydrologic information, including depth to Groundwater is unknown or unavailable, the Division will be required to default bonding to cement plugging to depth for each hole in order to ensure compliance with Rule 5.4.2(4). The State of Colorado (State) has the obligation to ensure that a financial warranty is sufficient to complete reclamation of all affected lands in the event of forfeiture per Rule 4.2.1(2). That bond amount is limited to covering the maximum disturbance liability of a one year period and shall also be computed with reference to current reclamation cost, i.e. inflation (CRS 34-32/32.5-117(4)(b)(I)). The Board (through staff) shall prescribe the bond amount necessary taking into account the nature, extent, and duration of the proposed mining operation and the magnitude, type, and estimated cost of planned reclamation (CRS 34-32/32.5-117(4)(a)). The Division calculates all reclamation cost estimates for projects based on a 'worst case scenario' basis to comply with the 'maximum disturbance liability' clause of the above Rule citation. Since groundwater depths in historical data range from 140 ft to 820 ft and since all 38 drill holes proposed for this NOI are to be between 300 and 1000 feet, it is reasonably likely that groundwater will be encountered at one or multiple drilling sites. Therefore, the Division must bond accordingly in line with the standard 'worst case scenario' policy wherein it would be required that a drill hole be fully grouted to depth as a P&A method to ensure compliance with Rule 5.4.2 and protect surrounding hydrologic balance. The Division cannot bond only for a 5ft cement plug as stated, as this would not represent the full cost to reclaim a drillhole should artesian flow or multiple aquifers be encountered.

Section IV

- 5. The applicant's application with the BLM states that "Drill cuttings will be returned to the hole as much as possible during hole abandonment". The Division interprets this statement to mean that some excavated spoils and drill cuttings may not be able to be returned to the drill hole. Drill cuttings may contain ore body materials and should be handled accordingly. If excess cuttings are to be buried onsite in final reclamation, please commit to on site disposal of all cuttings with a minimum of 36" of total cover over the disposal location at each pad. **Resolved.**
- 6. Item No. 7 lists a 'Desert Sage Scrub Mix' as the seed mix at 39 PLS/Acre. Please provide a more detailed list of species (plant name) included within the proposed seed mix along with their proposed PLS/Acre seeding rate as required in Section A of No 7. Please also specify a method of seeding (e.g. broadcast, drill seed, push spreader etc.). The applicant's response does not identify the species and PLS/Acre seeding rate as requested. The applicant's response notes a BLM approved seed mix will be used. Please provide the details of the seed mix (species and PLS/Acre) as requested so that the Division can calculate an accurate seeding rate for revegetation bonding tasks. Please also specify a method of seeding, as requested.
- 7. For drill pad, trench, and laydown areas from which topsoil will be salvaged and stockpiled, please provide an approximate depth in inches or total CY of topsoil to be removed and stockpiled. Please also clarify where topsoil will be stored in relation to drill pad, trench and laydown features while stockpiled. If stockpiles will be out of the boundaries of these features, please provide an approximate acreage footprint for all topsoil stockpiles combined and add their locations to the appropriate maps / figures. Please confirm that the 315.4 CY of material noted to be excavated for the three trench areas includes CY volume of topsoil

to be removed and that the \sim 6 CY of material excavated from the 4x8x5ft sumps includes CY of topsoil to be removed.

Financial Warranty

- 8. The applicant's NOI application to the BLM explicitly states that only one hole will be open at a time and that full reclamation will occur before moving on to the next drill site. However, this is not stated as explicitly within the application materials submitted to the Division. Please clarify for the Division that this type of drilling and reclamation is the intent and commit to following this method of concurrent reclamation throughout the life of the project. Should Shift Exploration Inc. wish to commit to a phased bonding approach to reduce the project's required bond amount (i.e. 1 hole open at a time), please be aware that the Division will require submission and review of abandonment reports for the maximum number of drill holes bonded for prior to the approval of Shift Exploration Inc. continuing to additional drill holes. To avoid excessive required submittals, the Division suggests that Shift Exploration Inc. propose to have ~10 holes open at a time to both reduce the required bond amount and reduce the number of times Shift Exploration Inc. will need to receive approval from the Division to move on to the next set of drill holes. **Resolved.**
- 9. The Division has calculated a preliminary Reclamation Cost Estimate (RCE) for the proposed prospecting operation. A copy of this estimate has been included below for your review. The final RCE number may change based on your response to the review issues above.
- 10. As discussed via phone conversation on August 8, 2025, the Division asks that the applicant commit to providing updates on a reasonable basis (weekly to bi-weekly) to the Division affirming concurrent reclamation of the project's proposed drilling project. This may be submitted directly to the Division via e-permitting and should include proper Abandonment Reports in accordance with Rule 5.7.

Please be reminded that the proposed prospecting operations identified in the application may not commence until the deficiencies are addressed and the bond is submitted and approved by the Division.

If you require additional information, or have questions or concerns, please feel free to contact me at 720-868-7757 or hunter.ridley@state.co.us

Sincerely,

Hunter C. Ridley

Environmental Protection Specialist

CC: Zach Trujillo, DRMS

Hunter Ridley

COST SUMMARY WORK

te:	Coyote Basin Project Permit Action	on: New Application	New Application		b#: P2025011
<u>PR</u>	OJECT IDENTIFICATION				
	Task #: 000 State: Colorad Date: 7/29/2025 County: Moffat User: HR1		<i>F</i>	Abbreviation: Filename:	None P011-000
	Agency or organization name: <u>DRMS</u>				
<u>TA</u>	SK LIST (DIRECT COSTS)				
		Form	Fleet	Task	
sk					G 4
	Description	Used	Size	Hours	Cost
	Plug & abandon drill hole	Used BOREHOLE		Hours 10.00	\$9,185
	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads	Used BOREHOLE DOZER		Hours 10.00 1.37	\$9,185 \$279
k	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads	Used BOREHOLE DOZER RIPPER		Hours 10.00 1.37 2.82	\$9,185 \$279 \$604
	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads Reveg drill pads @ 38 pads	Used BOREHOLE DOZER RIPPER REVEGE		Hours 10.00 1.37 2.82 2.00	\$9,185 \$279 \$604 \$9,974
	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads Reveg drill pads @ 38 pads Backfill & repalce topsoil @ 3 trenches	Used BOREHOLE DOZER RIPPER REVEGE DOZER		Hours 10.00 1.37 2.82 2.00 5.68	\$9,185 \$279 \$604 \$9,974 \$1,155
•	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads Reveg drill pads @ 38 pads Backfill & repalce topsoil @ 3 trenches Scarify trenches for seeding preparation	Used BOREHOLE DOZER RIPPER REVEGE DOZER RIPPER		10.00 1.37 2.82 2.00 5.68 0.21	\$9,185 \$279 \$604 \$9,974 \$1,155 \$46
} }	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads Reveg drill pads @ 38 pads Backfill & repalce topsoil @ 3 trenches Scarify trenches for seeding preparation Reveg trenches x 3	Used BOREHOLE DOZER RIPPER REVEGE DOZER RIPPER REVEGE REVEGE		10.00 1.37 2.82 2.00 5.68 0.21 1.00	\$9,185 \$279 \$604 \$9,974 \$1,155 \$46 \$767
	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads Reveg drill pads @ 38 pads Backfill & repalce topsoil @ 3 trenches Scarify trenches for seeding preparation Reveg trenches x 3 Rip compacted laydown area x 5	Used BOREHOLE DOZER RIPPER REVEGE DOZER RIPPER REVEGE RIPPER REVEGE		Hours 10.00 1.37 2.82 2.00 5.68 0.21 1.00 2.17	\$9,185 \$279 \$604 \$9,974 \$1,155 \$46 \$767 \$464
} }	Plug & abandon drill hole Backfill sumps & repalce topsoil @ 38 pads Rip compacted drill pads @ 38 pads Reveg drill pads @ 38 pads Backfill & repalce topsoil @ 3 trenches Scarify trenches for seeding preparation Reveg trenches x 3	Used BOREHOLE DOZER RIPPER REVEGE DOZER RIPPER REVEGE REVEGE		10.00 1.37 2.82 2.00 5.68 0.21 1.00	\$9,185 \$279 \$604 \$9,974 \$1,155 \$46 \$767

INDIRECT COSTS

OVERHEAD AND PROFIT:

2.02 \$679 Liability insurance: Total = Performance bond: 1.05 Total = \$353 16.49 Job superintendent: Total = \$1,239 Profit: 10.00 Total = \$3,361

TOTAL O & P = $\frac{$5,501}{$5,632}$

CONTRACT AMOUNT (direct + O & P) = \$39,242

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$0 Total = \$0 Engineering work and/or contract/bid preparation: 0.00 Total = \$0 Reclamation management and/or administration: 5.00 \$1,962

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$7,594

TOTAL BOND AMOUNT (direct + indirect) = \$41,204

BOREHOLE SEALING WORK

Site:	Coyote Basin Project		Permit Action:	New Application	Permit/.	Job#: <u>P2025011</u>
ROJEC	CT IDENTIFICATIO	<u>N</u>				
Γask #:	001	State:	Colorado		Abbreviation:	None
Date:	7/30/2025	County:	Moffat		Filename:	P011-001
	HR1					

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Exploration Hole	Portland cement grout - 6 in. (labor, equip, materials)	6	1000	1,000.00	LF	\$9.19	\$9,185.00

 Job Hours:
 10.00
 Total Cost:
 \$9,185.00

BULLDOZER WORK

Task description:	Backfill sumps &	k repalce to	psoil @ 38 pads		
Coyote Basin Project	t Per	mit Action:	New Application	Permit/Job#:	P2025011
PROJECT IDENTIF	FICATION				
Task #: 002	State:	Colorado		Abbreviation:	None
Date: $\frac{002}{7/30/2025}$	County:	Moffat		Filename:	P011-002
User: HR1		Willian		Thename.	1011-002
Agency or orga	nization name: DI	RMS			
HOURLY EQUIPM	ENT COST				
	t D6T XL				
Horsepower: 18			<u></u>		
- I	mi-Universal		_		
Attachment: NA			<u>—</u>		
	per day				
Data Source: (C	RG)		<u> </u>		
Cost Breakdown:			1		
			<u>Utilization %</u>		
Ownership Cost/Hour:		\$96.51	NA		
Operating Cost/Hour:		\$68.86	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.02	NA		
Total unit Cost/Hour:	\$203.39				
Total Fleet Cost/Hour:	\$203.39 \$203.39		<u></u>		
Total Freet Cost/Hour.	Ψ200.07				
MATERIAL QUAN	FITIES				
Initial Volume: 228					
Swell factor: 1.00					
Loose volume: 228	LCY	_			
Source of estimated volu	ime: X CY tor	soil + 6 CY	sump backfil x 38		
Source of estimated swe		y Response	1		
		•			
HOURLY PRODUC	TION				
A	50 C . t				
Average push distance:	50 feet	/1			
Unadjusted hourly produ	ection: 444.6 LCY	/hr			
Materials consistency de	escription: Loose	stockpile 1.2			
Average push gradient:	5 %				
Average site altitude:	6,000 feet				
Material weight:	2,900 lbs/LCY			<u></u>	
Weight description:	Decomposed rock	- 50% Rock	, 50% Earth		
Job Condition Correction	n Factor		Source		
Operator Operator		.750	(AVG.)		
Material consis		.200	(CAT HB)		
Dozing m		.000	(GEN.)		
		000	(AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3744

Adjusted unit production: 166.46 LCY/hr
Adjusted fleet production: 166.46 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.222/LCY

Total job time: 1.37 Hours
Total job cost: \$279

BULLDOZER RIPPING WORK

Site: Coyote Basin										
	Project Permit Action	: New Applicat	tion Permit/	/Job#: <u>P2025011</u>						
PROJECT IDE	ENTIFICATION _									
Task #: 003	State: Colorado	0	Abbreviat	ion: None						
	0/2025 County: Moffat		Filena							
User: HR	1									
Agency	or organization name: DRMS									
HOURLY EQU	UIPMENT COST									
Basic I	Machine: Cat D6T XL		Horsepower:	185						
Ripper Atta	achment: 3-Shank Ripper		Shift Basis:	1 per day						
			Data Source:	(CRG)						
Cost Breakdown:										
	0 1' 0 //	006.51	Utilization %							
	Ownership Cost/Hour: Operating Cost/Hour:	\$96.51 \$68.86	NA 100							
Rinne	er Ownership Cost/Hour:	\$6.05	NA							
	per Operating Cost/Hour:	\$4.01	100							
	Operator Cost/Hour:	\$38.02	NA							
	Total Unit Cost/Hour:	\$213.45								
	Total Fleet Cost/Hour: \$2	213.45								
MATERIAL Q	MIANTITIES C	1 . 1 .: .:	d 1 A							
		elected estimating	g method: Area							
Alternate Method										
nic: NA	Bank Volume:		BCY	NA						
ea: 1.30	acres Rip Depth (ft):	1.00	Volume:2,097	BCY o						
	Source of estimated quantity: Notice of Deficiency Responses & BLM NOI Application									
HOURLY PRO	<u>DDUCTION</u>									
Seismic:										
	Seismic Velocity:	3.7.4	0 ./ 1							
Area:		NA	feet/second							
<u>Mea.</u>		NA	feet/second							
	Average Ripping Depth:									
	Average Ripping Depth: Average Ripping Width:	1.64 6.58	feet/pass feet/pass							
	Average Ripping Width: Average Ripping Length:	1.64 6.58 50.00	feet/pass feet/pass feet/pass							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed:	1.64 6.58 50.00 88.00	feet/pass feet/pass feet/pass feet/minute							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time:	1.64 6.58 50.00 88.00 0.25	feet/pass feet/pass feet/pass feet/minute minutes/pass							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed:	1.64 6.58 50.00 88.00	feet/pass feet/pass feet/pass feet/minute							
Job Condition Co	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area:	1.64 6.58 50.00 88.00 0.25	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area:	1.64 6.58 50.00 88.00 0.25	feet/pass feet/pass feet/pass feet/minute minutes/pass							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: prrection Factors	1.64 6.58 50.00 88.00 0.25 0.554 0.554	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: orrection Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj:	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB)							
·	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: orrection Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj: Job Efficiency:	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00 0.83	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB) (1 shift/day)							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: orrection Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj:	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB)							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: orrection Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj: Job Efficiency:	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00 0.83 0.83	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB) (1 shift/day)							
	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: orrection Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj: Job Efficiency: Net Correction:	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00 0.83 0.83	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB) (1 shift/day) multiplier							
·	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: OTTECTION Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Adjusted Hourly Unit Production Adjusted Hourly Unit Production	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00 0.83 0.83	feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB) (1 shift/day) multiplier Acres/hr							
Un	Average Ripping Width: Average Ripping Length: Average Dozer Speed: Average Maneuver Time: Production per unit area: OTTECTION Factors adjusted Hourly Unit Production: Site Altitude: Altitude Adj: Job Efficiency: Net Correction: Adjusted Hourly Unit Production Adjusted Hourly Unit Production	1.64 6.58 50.00 88.00 0.25 0.554 0.554 6,000 1.00 0.83 0.83	feet/pass feet/pass feet/pass feet/pass feet/pass feet/minute minutes/pass acres/hour Acres/hr feet (CAT HB) (1 shift/day) multiplier Acres/hr Acres/hr	Hours						

REVEGETATION WORK

Task description:	Reveg drill pads	@ 38 pads				
Coyote Basin Project	<u>t</u> Per	rmit Action: New A	Application		Permit/Job#	: P2025011
PROJECT IDENTIFI	CATION					
Task #: 004	State:	Colorado		Ab	breviation:	None
Date: $\frac{-30/2025}{7/30/2025}$		Moffat		_		P011-004
User: HR1				_		
Agency or organ	nization name:DR	RMS				
<u>ERTILIZING</u>						
Laterials						
Description		Units /	IIm:4	Cos	t / Unit	Cost /Acre
Description		Acre	Unit	Cus	t / Unit	Cost/Acre
				\$		\$
				Tof	al Fertilizer	
				100	Materials	
					Cost/Acre	\$0.00
<u>TILLING</u>		Total	Fertilizer A	Applicatio	n Cost/Acre	\$0.00
Description						Cost /Acre
Description						Cost /Acre
Description			T	otal Tillin	g Cost/Acre	
Description SEEDING			Т	otal Tillin	g Cost/Acre	\$
			T	Rate – PLS LBS /	g Cost/Acre Seeds per SQ. FT	\$
SEEDING	or Big		T	Rate – PLS	Seeds per SQ.	\$ \$0.00
SEEDING Seed Mix	or Big	Totals S		Rate – PLS LBS / Acre	Seeds per SQ. FT	\$ \$0.00 Cost /Acre
SEEDING Seed Mix	or Big	Totals S		Rate – PLS LBS / Acre 39.00	Seeds per SQ. FT 2,059.23	\$ \$0.00 Cost /Acre \$3,302.35
Seed Mix Sagebrush, Mountain	or Big	Totals S		Rate – PLS LBS / Acre 39.00	Seeds per SQ. FT 2,059.23	\$ \$0.00 Cost /Acre \$3,302.35 \$3,302.35
Seed Mix Sagebrush, Mountain				Rate – PLS LBS / Acre 39.00	Seeds per SQ. FT 2,059.23	\$ \$0.00 Cost /Acre \$3,302.35

Total Seed Application Cost/Acre	\$2,178.00

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 Stoc	ek Cost / Acre	\$0.00

JOB TIME AND COST

 No. of Acres:
 1.3
 Cost /Acre:
 \$5,480.35

 Estimated Failure Rate:
 40%
 Cost /Acre*:
 \$5,480.35

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$7,124.46

Reseeding Job Cost: \$2,849.78

Total Job Cost: \$9,974

Job Hours: 2.00

BULLDOZER WORK

Task description:	Back	fill & repal	ce topsoil @	3 trenches		
: Coyote Basin P	roject	Per	mit Action:	New Application	Permit/Job#:	P2025011
PROJECT IDE	NTIFICATIO	<u>)N</u>				
Task #: 005		State:	Colorado		Abbreviation:	None
	/2025	County:	Moffat		Filename:	P011-005
User: HR1		,			_	
Agency o	or organization i	name: DI	RMS			
HOURLY EQU	C					
Basic Machine:		<u>-</u>				
Horsepower:				<u>—</u>		
Blade Type:		rsal		<u> </u>		
Attachment:						
Shift Basis:	1 per day			<u> </u>		
Data Source:	(CRG)					
Cost Breakdown:						
				Utilization %		
Ownership Cost/			\$96.51	NA		
Operating Cost/			\$68.86	100		
Ripper own. Cost/			\$0.00	NA NA		
Ripper op. Cost/			\$0.00	0		
Operator Cost/	Hour:		\$38.02	NA		
MATERIAL QU Initial Volume: Swell factor:	945 1.000					
Loose volume:	945 LCY					
Source of estimate Source of estimate HOURLY PRO	d swell factor:		osoil + 315 C cy Response	Y trench backfill x 3		
Average push dista		50 feet				
Unadjusted hourly	production: _	444.6 LCY	/hr			
Materials consister	ncy description:	Loose	stockpile 1.2			
Average push grad Average site altitud		feet				
Material weight:	2,900	lbs/LCY			_	
Weight description	n: Decon	nposed rock	- 50% Rock	, 50% Earth		
Job Condition Cor	rection Factor erator Skill:	0	.750	Source (AVG.)		
υp				(11, 0.)		
Material of	consistency:		.200	(CAT HB)		
		1.		(CAT HB) (GEN.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3744

Adjusted unit production: 166.46 LCY/hr
Adjusted fleet production: 166.46 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.222/LCY

Total job time: 5.68 Hours
Total job cost: \$1,155

BULLDOZER RIPPING WORK

	Task description:	Sca	rify trenches for	· seeding	preparation				
Site	: Coyote Basin l	Project	Permit	Action:	New Applicat	ion]	Permit/Job#	t: <u>P202501</u>	11
	PROJECT IDE	ENTIFICATI	<u>ION</u>						
	Task #: 006 Date: 7/30 User: HR	0/2025		Colorado Moffat		Ab	breviation: Filename:	None P011-006	5
			n name: DRM	S					
	HOURLY EQU	•							
			t D6T XL			Horsepower:		185	
		achment: $3-3$			<u> </u>	Shift Basis:	1	per day	
						Data Source:	((CRG)	
	Cost Breakdown:					T T4:1:4: 0/			
		Ownership C	ost/Hour:		\$96.51	Utilization % NA			
		Operating C	ost/Hour:		\$68.86	100	-		
		er Ownership C er Operating C			\$6.05 \$4.01	NA 100	_		
	Кірр	Operator C			\$38.02	NA			
		Total Unit C	ost/Hour:		\$213.45				
		Total Fleet C	ost/Hour:	\$213	3.45				
	MATERIAL Q	UANTITIES	<u> </u>	Sele	ected estimating	g method: Are	ea		
	Alternate Method	<u>s:</u>							
Seismic:	NA		Bank V	olume:	NA	BCY		NA	
Area:	0.10	acres	Rip De	oth (ft):	0.30	Volume:	48		BCY or CCY
		Source of esti	mated quantity:	Applic	ation Section I	V 7(B)			
	HOURLY PRO	DUCTION							
	Seismic:								
			Seismic Velocit	y:	NA	feet/se	cond		
	Area:			_					
			ge Ripping Dept ge Ripping Widt		1.64 6.58	feet/pa feet/pa			
			e Ripping Lengt		50.00	feet/pa			
			rage Dozer Spee		88.00	feet/m			
		_	e Maneuver Tim ction per unit are		0.25 0.554	minute acres/l	•		
	Job Condition Co		•		0.001		1041		
			<u>s</u> y Unit Productio	n:	0.554	Acres/	'hr		
	Olla	adjusted flouri		<u></u>			111		
			Site Altitud Altitude Ad		6,000 1.00	feet (CAT	HB)		
			Job Efficienc	y:	0.83	(1 shif	t/day)		
			Net Correction	n:	0.83	multip	lier		
			l Hourly Unit Pro Hourly Fleet Pro		0.46 0.46	Acres/hr Acres/hr			
	JOB TIME AN	D COST							
	Fleet size:	1	_ Grader(s)		Total job tim	ne:	0.22	Но	urs
	Unit cost:	\$464.311	Per acre		Total job co	st:	\$46		

REVEGETATION WORK

Coyote Basin Project	Peri	mit Action: New Ap	plication		Permit/Job#	: P2025011
PROJECT IDENTIFIC	CATION					
		C 1 1		4.1	1	N T
Task #: 007 Date: 7/30/2025	State: _ County:	Colorado Moffat		_ Ab		None P011-007
User: HR1	County	Wionat		=	Thename.	1011-007
Agency or organ	nization name: DR	MS				
FERTILIZING						
<u> Aaterials</u>						
Description		Units / Acre	Unit	Cos	st / Unit	Cost /Acre
				\$		\$
				To	tal Fertilizer	
					Materials	
					Cost/Acre	\$0.00
Description						Cost /Acre
						\$
		Total Fe	ertilizer A	pplication.	on Cost/Acre	
<u> </u>		Total Fe	ertilizer A	pplicatio	on Cost/Acre	\$
		Total Fe	ertilizer A	pplicatio	on Cost/Acre	\$ \$0.00
TILLING Description		Total Fe	ertilizer A	pplicatio	on Cost/Acre	\$ \$0.00 Cost /Acre
		Total Fe				\$ \$0.00
		Total Fe			on Cost/Acre	\$ \$0.00 Cost /Acre
		Total Fe				\$ \$0.00 Cost /Acre
Description SEEDING		Total Fe	To		ng Cost/Acre	\$ \$0.00 Cost /Acre \$ \$0.00
Description		Total Fe	To	otal Tillin Rate – PLS	seeds	\$ \$0.00 Cost /Acre \$ \$0.00
Description SEEDING Seed Mix		Total Fe	To	Rate – PLS LBS / Acre	Seeds per SQ. FT	\$ \$0.00 Cost /Acre \$ \$0.00
Description SEEDING	or Big	Total Fe	To	Rate – PLS LBS /	seeds	\$ \$0.00 Cost /Acre \$ \$0.00
Description SEEDING Seed Mix	or Big	Total Fe	To	Rate – PLS LBS / Acre	Seeds per SQ. FT	\$ \$0.00 Cost /Acre \$ \$0.00
Description SEEDING Seed Mix Sagebrush, Mountain o	or Big		To	Rate – PLS LBS / Acre 39.00	Seeds per SQ. FT 2,059.23	\$ \$0.00 Cost /Acre \$ \$0.00 Cost /Acre
Description SEEDING Seed Mix	or Big		To	Rate – PLS LBS / Acre 39.00	Seeds per SQ. FT 2,059.23	\$ \$0.00 Cost /Acre \$ \$0.00 \$3,302.35

Total Seed Application Cost/Acre	\$2,178.00

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	
					\$	
	ek Cost / Acre	\$0.00				

JOB TIME AND COST

No. of Acres:	0.1	Cost /Acre:	\$5,480.35	
Estimated Failure Rate:	40%	Cost /Acre*:	\$5,480.35	
4 . 1 D 1 4'	CEEDING			

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$548.04
Reseeding Job Cost: \$219.21
Total Job Cost: \$767
Job Hours: 1.00

BULLDOZER RIPPING WORK

	Task description:	_Rip	compacted laydov	vn area	a x 5				
Site	: Coyote Basin I	Project	Permit A	ction:	New Application	on F	ermit/Job#:	P202501	.1
	PROJECT IDE	NTIFICAT	<u>ION</u>						
	Task #: 008 Date: 7/30 User: HR	0/2025		orado ffat			oreviation: Filename:	None P011-008	<u> </u>
		or organizatio	n name: DRMS						
	HOURLY EQU	•							
	Basic N	Machine: Ca	at D6T XL Shank Ripper		<u> </u>	Horsepower: Shift Basis: Data Source:	1 p	185 per day CRG)	<u> </u>
	Cost Breakdown:					Data Source.		eres)	
	Rippe	Ownership (Operating (r Ownership (er Operating (Cost/Hour:		\$96.51 \$68.86 \$6.05 \$4.01	Utilization % NA 100 NA 100	- - -		
	щрр	Operator (Cost/Hour:		\$38.02	NA	- -		
		Total Unit (Cost/Hour:		\$213.45				
		Total Fleet (Cost/Hour:	\$213	3.45				
	MATERIAL Q	UANTITIE	<u>S</u>	Sele	ected estimating	method: Are	a		
	Alternate Methods	<u>s:</u>							
Seismic:	NA		Bank Vol	_	NA	BCY _		NA	
Area:	1.00	acres	Rip Depth	(ft): _	1.00	Volume:	1,613		BCY or CCY
	HOURLY PRO		imated quantity: Seismic Velocity:		NA	feet/sec		<i>.</i>	_
	Area:								
		Avera Averaş Ave	ge Ripping Depth: ge Ripping Width: ge Ripping Length: grage Dozer Speed: ge Maneuver Time:		1.64 6.58 50.00 88.00 0.25	feet/pa: feet/pa: feet/pa: feet/mi minute	ss ss nute		
		_	ction per unit area:		0.23	acres/h	•		
	Job Condition Con	rection Factor	<u>-</u>						
			y Unit Production:		0.554	Acres/l	ır		
			Site Altitude: Altitude Adj: Job Efficiency: Net Correction:		6,000 1.00 0.83 0.83	feet (CAT I (1 shift) multipl	/day)		
			d Hourly Unit Produ I Hourly Fleet Produ		0.46 0.46	Acres/hr Acres/hr	101		
	JOB TIME AN	D COST							
	Fleet size:	1	Grader(s)		Total job time	e:	2.18	Но	urs
	Unit cost:	\$464.311	Per acre		Total job cost	t:	\$464		

REVEGETATION WORK

Coyote Basin Project	Permit A	Action: New A	Application	n	Permit/Job#	: P2025011
PROJECT IDENTIFICATI	ON					
Task #: 009		lorado		A 1-	breviation:	NI
Date: 8/5/2025		offat		A0		None P011-009
User: HR1	countyivic	Jiiut .			i ilename.	1011 007
Agency or organization	name: DRMS					
FERTILIZING						
Materials						
Description		Units / Acre	Unit	Cos	st / Unit	Cost /Acre
				\$		\$
				To	tal Fertilizer	
				10	Materials	
					Cost/Acre	\$0.00
		Total 1	Fertilizer	Application	on Cost/Acre	\$ \$0.00
<u> </u>						
Description						Cost /Acre
Description						\$
						Ψ
			7	Γotal Tillir	ng Cost/Acre	\$0.00
SEEDING						
				Rate –		
Seed Mix				PLS	Seeds	Cost /Acre
				LBS /	per SQ.	
				Acre	FT	
Sagebrush, Mountain or Big				39.00	2,059.23	\$3,302.35
		Totals S	eed Mix	39.00	2,059.23	\$3,302.35
Application						, . ,
						Cost /Acre
LIGGORINGION						L OST / ACTA
Description Push spreader (MEANS 32 9)	2 10 14 0020)					\$2,178.00

Total Seed Application Cost/Acre	\$2,178.00

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					\$0.00

JOB TIME AND COST

No. of Acres:	1	Cost /Acre:	\$5,480.35
Estimated Failure Rate:	40%	Cost /Acre*:	\$5,480.35
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost: \$5,480.35

Reseeding Job Cost: \$2,192.14

Total Job Cost: \$7,672

Job Hours: 1.00

DEMOLITION WORK

Task descrip	tion: Demo	o of fenced sump area x 1				
Site: Coyote Bas	sin Project	Permit Action: New A	Application	Pe	ermit/Job#: _	P2025011
PROJECT IDENT	<u>IFICATION</u>					
Task #: 010 Date: 8/5/2025 User: HR1 Agence		State: Colorado ounty: Moffat me: DRMS		Abbreviat Filena	-	
UNIT COSTS				Location	adjustment	: 89.80 %
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Sump fencing	4 x 8 ft	Fencing, barbed wire, - 3 strand	32.00	LF	\$1.80	\$57.60
Job Hours:	1.00	Subtotal (unadjusted): \$2	57.60	(adju	otal Cost isted for ocation):	\$51.72

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Me	oblization to and	from site			
Site: Coyote Basin Project	Permit	t Action: New Ap	plication	Permit/Job	#: <u>P2025011</u>
PROJECT IDENTIFICAT	<u>ION</u>				
Task #: 011 Date: 8/5/2025 User: HR1		olorado Ioffat	Ab	breviation: _ Filename: _	None P011-011
Agency or organization	n name: DRMS	S			
EQUIPMENT TRANSPOR	RT RIG COST		Shift Cost Data S		per day RG Data
Truck Tractor Desc	cription: GENI			TOR, 6X4, I	DIESEL POWERED,
Truck Trailer Desc	cription: C	GENERIC FOLDIN	,	DROP DECK	K EQUIPMENT
Cost Breakdown:					
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons		
Ownership Cost/Hour:	\$21.47	\$38.32	\$48.96		
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86		
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52		

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

Helper Cost/Hour:

\$0.00

\$75.46

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D6T XL	25.01	\$102.56	\$75.46	1	\$178.02	\$75.46	\$250.00
ATLAS COPCO	0.00	\$260.87	\$75.46	1	\$336.33	\$75.46	\$250.00
ROC L6,6.0 in.							

\$22.25

\$143.20

\$22.25

\$159.59

Subtotals: \$514.35 \$150.92 \$500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$22.72	1	\$22.72	\$22.72
Water Tanker, 3,500 Gal.	\$53.04	1	\$53.04	\$53.04

Subtotals: \$75.76 \$75.76

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CRAIG

miles

42.00

mph

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

\$3,270.54

\$141.42

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.93	0.93
Return Time (Hours):	0.93	0.93
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.87	1.87

JOB TIME AND COST

Total job cost: 5.73 Hours

Total job cost: \$3,412