



STATE OF NEVADA  
 COMMISSION ON MINERAL RESOURCES  
**DIVISION OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89703  
 (775) 684-7040 | Fax (775) 684-7052  
<http://minerals.nv.gov>

Date Received 2/02/2024  
 County \_\_\_\_\_  
 NDOM Permit Number \_\_\_\_\_  
 FOR DIVISION USE ONLY

**DISSOLVED MINERAL RESOURCE EXPLORATION WELL PERMIT APPLICATION**

Applicant/Operator Name: Altitude Lithium USA Corp  
 Street Address: 202 South Minnesota Street  
 City: Carson City State/Prov.: Nevada  
 Country: USA Zip Code: 89703

hereby makes application for a dissolved mineral resource exploration well permit.

(if applicant is a corporation, show state and date of incorporation; if a partnership, list names of partners.)

Nevada, 02/06/2023

Well Name CB24 001

This application  New Exploration Well  Borehole to Well Conversion  
 is for a:  Permit Extension (NDOM Permit # \_\_\_\_\_) (Indicate below any changes to original permit)  
 Permit Extension Reason: \_\_\_\_\_

Applicant is:  Land Owner  Lease/Claim Holder

Land Status (choose one):

Federal (BLM, USFS, etc...)  
 Mining Claim: NMC# CSM 2  
 Project Name: Columbus Basin Lithium Brine NVN# pending

Non Federal  
 APN#: \_\_\_\_\_ Land Owner: \_\_\_\_\_  
 Bond Type: \_\_\_\_\_ Issued by: \_\_\_\_\_  
 Amount: \_\_\_\_\_ Number: \_\_\_\_\_

Groundwater Basin Name and Number Columbus Salt Marsh Valley, Hydrographic Basin 118 Area With Limitations?  Y  N  
 (Well proposed to be drilled within areas with limitations may require Blowout Prevention Equipment, per NAC 534B)

Location of Well:

County: Esmeralda  
 NE 1/4 of the SE 1/4 of 34 Sec., Township 3  N  S, Range 36 E

UTM East: 416629 or Longitude: \_\_\_\_\_  
 UTM North: 4214231 Latitude: \_\_\_\_\_  
 NAD83  WGS84 M.D.B. & M.

Drilling Contractor (if known): not yet known

Address: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

Purpose of Well: Dissolved mineral exploration, exploration well schematic included as Attachment 1

Drill Rig Type: RC

Surface Hole Diameter: 24" for 50 ft then 12.25" Casing Size/Length: 18" 0 to 50 feet, 6" 0 to 1,000 feet

Expected Total Depth: 1,000 feet Casing Weight/Gauge: 18" steel casing

Casing Schedule/Grade 6" PVC Sch 80, slotted below 60'

Blowout Prevention Equipment Rating:  None  2000 psi  3000 psi  5000 psi

**Fluid Management Plan - NAC 534B.140(1)(C):**

Please see Attachment 2 for supplemental information and Attachment 3 for a copy of the Exploration Notice.

(Describe Here or Attach Additional Pages)

**Contamination Prevention/Cementing Plan - NAC 534B.140(1)(D):**

Please see Attachment 1 for the exploration well schematic and Attachment 2 for supplemental information.

(Describe Here or Attach Additional Pages, must include Well Schematic)

**Flow Monitoring and Plugging Plan - NAC 534B.140(1)(E) / NAC 534B.180:**

Please see Attachment 2 for supplemental information.

(Describe Here or Attach Additional Pages)

Drilling will commence approximately on: February to July, 2024

Signature of Applicant/Agent: 

Printed Name/Title: Joness Lang, CEO

Date: February 1, 2024

*An application submitted without a signature and date will not be considered for approval.*

-----Attach \$1,000.00 Application Fee Per NAC 534B-----

----- TO BE COMPLETED BY DIVISION -----

**CONDITIONS OF PERMIT**

- 1. All permittees must comply with appropriate sections of the Dissolved Mineral Resource Regulations of the Division of Minerals and with applicable rules and regulations of state and federal agencies.
- 2. For a well located on non-federal land, a bond in an amount determined by the Division to be necessary to properly plug the well in accordance with NAC 534B must be included.
- 3. Well Permit Expires two (2) years from date of approval.
- 4. See attached Conditions of Approval.
- 5. Send any required reports to: ..... dholcomb@minerals.nv.gov
- 6. Additional Conditions/Comments

<b>A.</b>	
<b>B.</b>	
<b>C.</b>	

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

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**PERMIT APPROVAL**

Approved \_\_\_\_\_ with the conditions noted above.  
Date

Permit Number \_\_\_\_\_

---

Administrator  
Division of Minerals

February 1, 2024  
USPR001849Nevada Division of Minerals  
400 W. King Street, Suite 106  
Carson City, Nevada 89703**Attention: Dustin Holcomb****RECEIVED****FEB 02 2024****DIVISION OF MINERALS**

Dear Mr. Holcomb,

**RE: Columbus Basin Lithium Brine Project**

SRK has prepared this letter and Dissolved Mineral Resource Exploration (DMRE) well permit application on behalf of Altitude Lithium USA Corp (Altitude). Please find attached the DRME well application including attachments for the exploration well schematic and supplemental information to fulfill the requirements of Nevada Administrative Code (NAC) 534B.140. The application fee is being submitted directly from Altitude.

An exploration notice is being submitted to the Bureau of Land Management (BLM) concurrently with this application. A copy of the exploration notice is also included as an attachment to the DRME well permit application and the NVN serial number has been listed as pending. Altitude understands that they will need to provide the Nevada Division of Minerals with a copy of the approved exploration notice as well as evidence of the surety (bond) required by the BLM in accordance with NAC 534B.140.1(i) prior to drilling.

Thank you for your time. Please do not hesitate to contact me at 775-388-2793 with any questions.

**SRK Consulting (U.S.) Inc.**Carrie A. Dean  
Associate – Senior Environmental ConsultantAttachment:  
DMRE Well Permit Application

## U.S. Offices:

Alaska	907 677 3520
Clovis	559 452 0182
Denver	303 985 1333
Elko	775 753 4151
Reno	775 828 6800
Tucson	520 544 3688

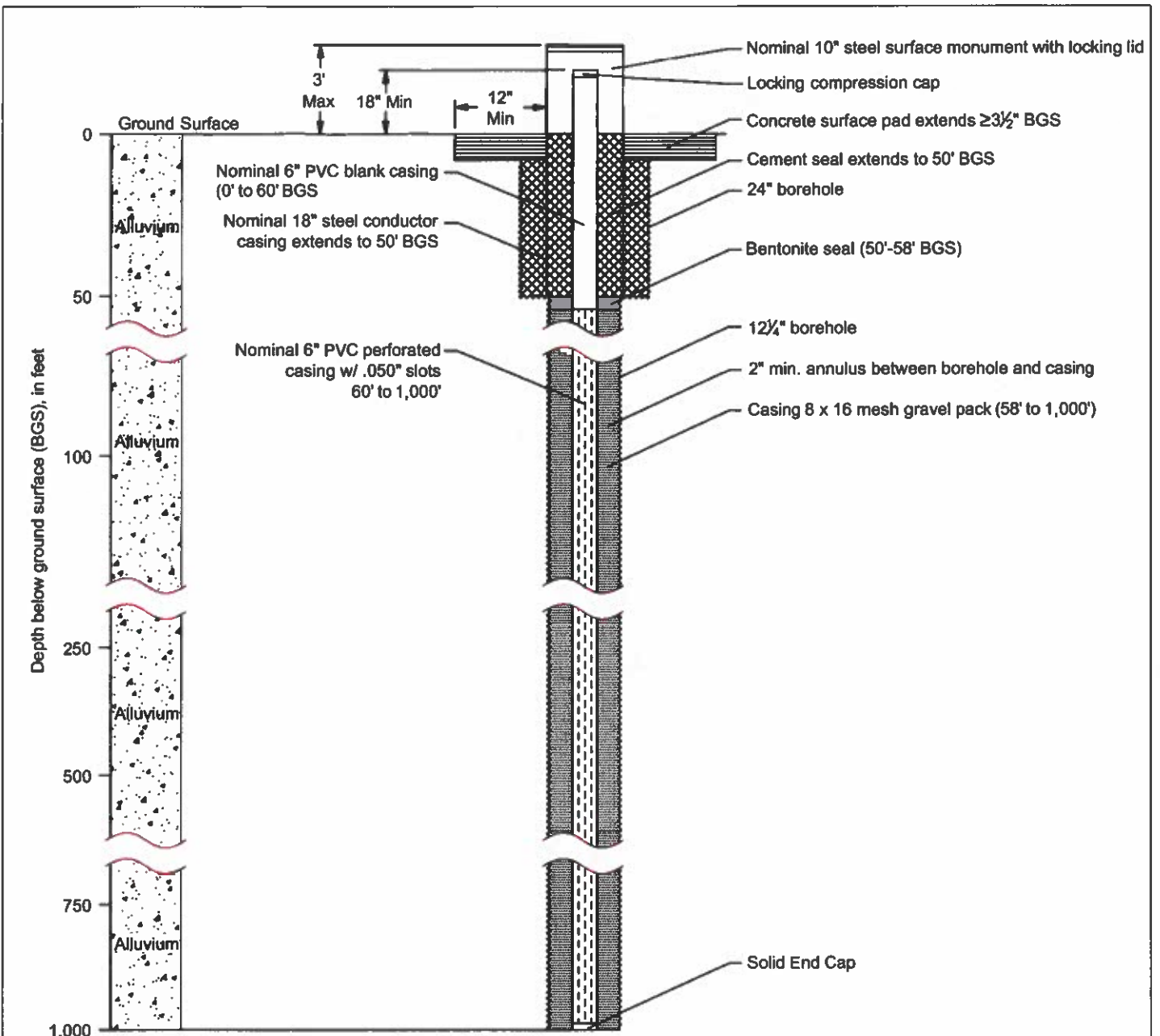
## Canadian Offices:

Saskatoon	306 955 4778
Sudbury	705 682 3270
Toronto	416 601 1445
Vancouver	604 681 4196
Yellowknife	867 873 8670

## Group Offices:

Africa
Asia
Australia
Europe
North America
South America

**Attachment 1: Proposed DMRE Well  
Construction**



NOT-TO-SCALE

**Casing Specifications**

	Nominal 18"	Nominal 6"
Material Type	Low carbon	PVC Sch.80
Weight per Foot (lbs)	NA	5.313
Min. Wall Thickness (in.)	0.141	0.432
Collapse Strength (psi)	NA	140
Burst Pressure (psi)	NA	140

Concrete	Cement	Gravel	Bentonite
0.16 yd <sup>3</sup>	5.9 yd <sup>3</sup>	22.2 yd <sup>3</sup>	0.2 yd <sup>3</sup>

Volumes assume 10% loss

DESIGN: TD & GB	PREPARED BY:	DRAWING TITLE:	
DRAWN: TD	 APPLIED HYDROLOGIC	Proposed DMRE Well Construction	
REVIEWED: GB		PROJECT:	REV. NO.
CHECKED: GB	Center Resources: Columbus	DATE:	2024/01/05
APPROVED: GB		JOB NO.:	Columbus Salt Marsh
IF THE ABOVE BAR DOES NOT SCALE 1 INCH, THE DRAWING SCALE IS ALTERED		FILE NAME: Columbus_PVC_Well_Rev1.pdf	<b>A</b>

# Attachment 2: Supplemental Information

**DMRE Well Permit Application Supplemental Information**  
**Altitude Lithium USA Corp**  
**Columbus Basin Lithium Brine Project**  
**Esmeralda County, Nevada**

## **Introduction**

The Columbus Basin Lithium Brine Project Exploration Notice (Exploration Notice) has been prepared in accordance with 43 Code of Federal Regulations (CFR) 3809.301 and submitted to the U.S. Department of Interior, Bureau of Land Management, Tonopah Field Office (BLM) in January of 2024 by Altitude Lithium USA Corp (Altitude). The Exploration Notice contains a description of the proposed exploration activities, disturbance areas, standard operating procedures, reclamation plan, and reclamation cost estimate. A copy of the Exploration Notice is included with the Dissolved Mineral Resource Exploration (DMRE) well permit application.

This document contains the following operational plans required by Nevada Administrative Code (NAC) 534B.140, to be included together with the DMRE well permit application:

- Fluid Management Plan;
- Contamination Prevention/Cementing Plan; and
- Flow Monitoring and Plugging Plan.

## **Fluid Management Plan**

This Fluid Management Plan has been prepared in accordance with NAC 534B.140(1)(C). Water for drilling operations will be purchased from the Hawthorne Public Utilities standpipe in Mina, Nevada, and trucked to the site. Drill cuttings and drilling mud will be maintained within the drilling mud system. Two mud sumps with average dimensions of 5 feet by 12 feet by 6 feet deep will be constructed within the drill pad footprint. Additional sumps may be added within the drill pad footprint as needed. Sumps will be excavated using a backhoe or similar equipment. One end of each sump will be sloped to provide escape routes for wildlife or other animals.

Excess water will be left in the sumps to evaporate over time, and sumps will be backfilled after completion of drilling. If mud tanks are cleaned at the site, the contents will be contained in the sump and covered with backfilled soil materials.

Best Management Practices (BMPs) for sediment control will be utilized during construction, operation, and reclamation to minimize sedimentation from disturbed areas. Additional information related to sediment controls and stormwater management is included in the Columbus Basin Exploration Notice.

## **Contamination Prevention/Cementing Plan**

This Contamination Prevention/Cementing Plan has been prepared in accordance with NAC 534B.140(1)(D). Depth to water in the basin is anticipated to be approximately ten feet below ground surface (bgs). The first 50 feet of the exploration well will be drilled as a 24-inch borehole with an 18-inch steel conductor casing extending from at least 18-inches above the ground surface to 50-foot bgs. The steel casing will be set within a cement seal extending to 50 feet bgs followed by a bentonite seal below. A concrete surface pad will be constructed around the surface monument. The surface monument will be fitted with a locking lid. This casing plan ensures that the casing will be set below all known or reasonably estimated levels of fresh-water sources and will control formation fluids and protect groundwater.

Below 50 feet bgs, a 12.25-inch borehole will extend to a depth of not more than 1,000 feet bgs. A 6-inch Schedule 80 PVC casing will extend above the ground surface by at least 18 inches, topped with a locking compression cap. The PVC casing will be solid until approximately 60 feet bgs and then slotted from 60 feet bgs to the end cap. The borehole annulus will be filled with an 8x16 mesh gravel pack up to 58 feet bgs. Above this, a bentonite seal will be placed from 58 to 50 feet bgs.



While the crossing of discreet aquifers is not anticipated with this well, Altitude is willing to abandon the well pursuant to NAC 534B.180 in an expediated fashion if vertical migration of formation fluid between discrete zones ultimately does not warrant or allow for the boring to be kept open longer than a brief period. Altitude is committed to working closely with the relevant regulatory authorities in all respects and will heed the advice of the authorities with respect to any corrective/remedial measures and/or expedited abandonment timelines ultimately required by the authorities before the exploration well is drilled.

A well drillers report will be submitted to the Nevada Division of Minerals (NDOM) not later than 30 days after completion of the well, pursuant to NAC 534B.175(2)(C).

### **Flow Monitoring and Plugging Plan**

This Flow Monitoring and Plugging Plan has been prepared in accordance with NAC 534B.140(1)(E) and NAC 534B.180. Water extracted during the drilling process will be managed in the sump and the volume will be estimated and recorded. After completion of the exploration well, water volumes will be recorded using a flow meter. Pursuant to NAC 534B.175, a quarterly report containing the flow meter serial number and monthly meter readings, shall be submitted to the Nevada Division of Minerals (NDOM). Flows will remain less than five-acre feet per year.

Upon completion of the testing and analysis of dissolved mineral resource potential, the exploration well will be promptly abandoned pursuant to NAC 534B.180. The exploration drill hole will be abandoned before the rig moves from each drill site unless the drill hole is completed as a well. Because this well is located on lands managed by the Bureau of Land Management, abandonment costs have been included in the Exploration Notice Reclamation Cost Estimate. A well plugging report will be submitted to the NDOM within 30 days after completion in accordance with NAC 534B.180(7).

All necessary reports and documentation will be provided to the relevant regulatory authorities as soon as practicable and, in all cases, within the permissible timeline.

# Attachment 3: Exploration Notice

# Exploration Notice

Columbus Basin Lithium Brine Project  
Altitude Lithium USA Corp



SRK Consulting (U.S.), Inc. ■ USPR001849 ■ February 2024



**Exploration Notice  
Columbus Basin Lithium Brine Project**

**Prepared for:**

Altitude Lithium USA Corp  
202 South Minnesota Street  
Carson City, Nevada 89703

+1 604-737-2303

**Prepared by:**

SRK Consulting (U.S.), Inc.  
1250 Lamoille Highway, Suite 520  
Elko, NV 89801

+1 775 753 4151  
[www.srk.com](http://www.srk.com)

**File Name:**

USPR001849\_ColumbusBasinNotice\_20240201\_FNL.docx

SRK Consulting (U.S.), Inc.    ■ USPR001849    ■ February    2024



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## **Figures (located at the back of the document)**

Figure 1: Project Location Map

Figure 2: Proposed Exploration Drilling

## **Appendices**

Appendix A: Mining Claim Information

Appendix B: Reclamation Cost Estimate

Appendix C: DMRE Well Permit Application

## Useful Definitions

This list contains definitions of symbols, units, abbreviations, and terminology that may be unfamiliar to the reader.

Altitude	Altitude Lithium USA Corp
AO	Authorized Officer
BLM	Bureau of Land Management
BMPs	Best Management Practices
CFR	Code of Federal Regulations
DMRE	Dissolved Mineral Resource Exploration
NAC	Nevada Administrative Code
NDOM	Nevada Division of Minerals
NRHP	National Register of Historic Places
RCM	Reclamation Cost Model
RC	Reverse circulation
U.S.C.	United States Code

# 1 Operator Information

## 1.1 Operator Business Information

Name: Altitude Lithium USA Corp  
Business Name: Altitude Lithium USA Corp  
Business Address: 202 South Minnesota Street, Carson City, NV 89703  
Telephone Number: 604-737-2303  
Email Address: info@canterresources.com  
Taxpayer ID: 93-4980978

## 1.2 Individual Completing Application

Name: Joness Lang  
Business Name: Altitude Lithium USA Corp  
Business Address: 202 South Minnesota Street, Carson City, NV 89703  
Telephone Number: 778-686-6836  
Email Address: jlang@canterresources.com

## 1.3 Authorized Project Manager

Name: Trevor Hawkins  
Business Name: Valkyrie Resources  
Business Address: 4730 S. Fort Apache Rd, Suite 300, Las Vegas, NV 89147  
Telephone Number: 208-484-1966  
Email Address: trevor@valkyrierex.com

Name: Korbon McCall  
Business Name: Valkyrie Resources  
Business Address: 4730 S. Fort Apache Rd, Suite 300, Las Vegas, NV 89147  
Telephone Number: 208-409-2140  
Email Address: korbon@valkyrierex.com

## 1.4 Registered Agent

Name: Altitude Lithium USA Corp  
Business Name: Altitude Lithium USA Corp

## 1.5 List Claim Names and BLM Serial Numbers

Altitude Lithium USA Corp (Altitude) leases unpatented placer mining claims on public lands in Esmeralda County, Nevada administered by the Bureau of Land Management (BLM) Tonopah Field Office. The project location is shown on **Figure 1** and the claim blocks are shown on **Figure 2**. A list of the leased claims associated with this notice is presented in **Appendix A**.

## 1.6 Location of Proposed Activity

Exploration activities will occur within the Columbus Basin Salt Marsh, approximately 5 miles north of the intersection between Highway 95 and Highway 6 (Coaldale Junction). Activities will occur in portions of



the following in the Mount Diablo Baseline and Meridian: Township 3 North, Range 36 East, Sections 26, 27, 35, 34 and 22 through 24.

## 1.7 Description of Previously Authorized Exploration Activities

Altitude has not conducted any prior mineral exploration activity within this area.

Exploration activities occurred in this area under the Luna Columbus Project (Notice NVN101126) resulting in 3.93 acres of actual disturbance according to BLM inspection letter dated December 9, 2022. The Luna Columbus Project utilized the existing access road from Highway 95. Exploration activities involved the drilling of three wells and seismic surveys. As of January 2024, the Luna Columbus Project has not been fully reclaimed and the bond has not been released per telephone conversations with the BLM.

## 1.8 Proposed Exploration Disturbance and Operations

Altitude is proposing a reverse circulation (RC) drilling program to test for lithium enriched brines. Proposed disturbance includes the use of existing roads with minor improvements, construction of a pullout area, construction of one drill pad, drilling of one exploration well, and causal use seismic surveys and auger holes. Proposed disturbance areas are shown on **Figure 2**. The proposed disturbance area, as calculated using the Notice Level Exploration Reclamation Cost Model (RCM) included as **Appendix B**, is 1.44 acres.

### 1.8.1 Exploration Roads and Pads

The drill pad area will be accessed from Highway 95 using existing roads as shown on **Figure 2**. The existing roads, measuring approximately 8 feet wide, will be improved as needed through blading and the placement of gravel. Gravel placement is anticipated to occur along approximately 5,000 linear feet of the existing roads. Widening of the existing road to a width of approximately 10 feet may occur in select locations, along a distance of approximately 3,200 linear feet, to allow for the safe passage of equipment and vehicles. A pullout will also be constructed alongside the existing road, at a location yet to be determined, measuring approximately 10 feet wide by 20 feet long.

The drill pad will measure approximately 120 feet long by 120 feet wide. Two mud sumps with average dimensions of 5 by 12 feet by 6 feet deep will be constructed within the drill pad footprint. Exploration drill pad disturbance will be limited to the minimum requirements needed to accommodate the equipment and their intended safe use, to maintain surface resource protection, and to maximize reclamation potential. Fluid management is discussed in **Section 1.10**.

### 1.8.2 Exploration Drilling and Equipment

Altitude proposes to drill one exploration well. The well will be drilled to a maximum depth of 1,000 feet below ground surface (bgs). It is anticipated that groundwater will be encountered at approximately 10 feet bgs. In accordance with Nevada Administrative Code (NAC) 534B.180, Altitude has submitted a permit application to the Nevada Division of Minerals (NDOM) for the drilling of a dissolved mineral resource exploration (DMRE) well. A copy of the DMRE well permit application is included as **Appendix C**. Altitude will comply with all provisions stipulated by NAC 534B regarding the drilling, construction, reporting, and abandonment of this DMRE well.

Exploration and drilling personnel will access the site in pickup trucks. One drill rig on a jack-up platform or similar will be utilized along with support vehicles, such as a pipe truck or trailer, water truck, backhoe, forklift, mud tanks, and a portable light plant/generator. Gravel will be hauled into the site, as needed for road improvement, by gravel trucks operated by contracted personnel.

### **1.8.3 Exploration Auger Holes**

Altitude will conduct casual use auger hole drilling activities alongside the exploration drilling program. Auger holes will have a diameter of approximately 10 inches and will be approximately 10 feet deep. Up to 21 auger holes will be completed. They will be backfilled within the same week of drilling. If fluid sampling is anticipated to occur, Altitude will complete a Notice of Intent to Drill a DMRE Borehole and submit it to the NDOM at least 5 days prior to drilling. Equipment will be transported to each auger hole site by ATV. No water will be used. Casual use disturbance is not captured in the RCM.

### **1.8.4 Seismic Surveys**

Altitude will also conduct passive seismic surveys within the area. Seismic survey pucks will be transferred by ATV and placed in shallow hand-dug holes. The pucks will remain in place for a few days at a time. Any disturbance resulting from the seismic surveys will be considered casual use and is not captured in the RCM.

## **1.9 Project Schedule**

The proposed project will begin in the first quarter of 2024 and be completed by the third quarter of 2024. Drilling and sampling operations will occur 24-hours per day, seven days a week.

## **1.10 Standard Operating Procedures for Environmental Protection and Reclamation**

### **1.10.1 Fluid Management Plan**

This Fluid Management Plan has been prepared in accordance with NAC 534B.140(1)(C). Water for drilling operations will be purchased from the Hawthorne Public Utilities standpipe in Mina, Nevada, and trucked to the site. Drill cuttings and drilling mud will be maintained within the drilling mud system. Two mud sumps with average dimensions of 5 feet by 12 feet by 6 feet deep will be constructed within the drill pad footprint. Additional sumps may be added within the drill pad footprint as needed. Sumps will be excavated using a backhoe or similar equipment. One end of each sump will be sloped to provide escape routes for wildlife or other animals.

Excess water will be left in the sumps to evaporate over time, and sumps will be backfilled after completion of drilling. If mud tanks are cleaned at the site, the contents will be contained in the sump and covered with backfilled soil materials.

### **1.10.2 Contamination Prevention/Cementing Plan**

This Contamination Prevention/Cementing Plan has been prepared in accordance with NAC 534B.140(1)(D). Depth to water in the basin is anticipated to be approximately 10 feet bgs. The first 50 feet of the exploration well will be drilled as a 24-inch borehole with an 18-inch steel conductor casing extending from at least 18-inches above the ground surface to 50-feet bgs. The steel casing will be set within a cement seal extending to 50 feet bgs followed by a bentonite sea below. A concrete surface pad will be constructed around the surface monument and the surface monument will be fitted with a locking lid. This casing plan ensures that the casing will be set below all known or reasonably estimated levels of fresh-water sources and will control formation fluids and protect groundwater.

Below 50 feet bgs, a 12.25-inch borehole will extend to a depth of not more than 1,000 feet bgs. A 6-inch Schedule 80 PVC casing will extend above the ground surface by at least 18 inches, topped with a locking compression cap. The PVC casing will be solid until approximately 60 feet bgs and then slotted from 60 feet bgs to the end cap. The borehole annulus will be filled with an 8x16 mesh gravel pack up to 58 feet bgs. Above this, a bentonite seal will be placed from 58 to 50 feet bgs.

While the crossing of discreet aquifers is not anticipated with this well, Altitude is willing to abandon the well pursuant to NAC 534B.180 in an expediated fashion if vertical migration of formation fluid between discrete zones ultimately does not warrant or allow for the boring to be kept open longer than a brief period. Altitude is committed to working closely with the relevant regulatory authorities in all respects and will heed the advice of the authorities with respect to any corrective/remedial measures and/or expedited abandonment timelines ultimately required by the authorities before the exploration well is drilled.

### **1.10.3 Flow Monitoring and Plugging Plan**

This Flow Monitoring and Plugging Plan has been prepared in accordance with NAC 534B.140(1)(E) and NAC 534B.180. Water extracted during the drilling process will be managed in the sump and the volume will be estimated and recorded. After completion of the exploration well, water volumes will be recorded using a flow meter. Upon completion of the testing and analysis of dissolved mineral resource potential, the exploration well will be promptly abandoned pursuant to NAC 534B.180. The exploration drill hole will be abandoned before the drill rig moves from the site unless the drill hole is completed as a well.

All necessary reports and documentation will be provided to the relevant regulatory authorities as soon as practicable and, in all cases, within the permissible timeline.

### **1.10.4 Survey Monuments**

Altitude will not tamper with or destroy any existing survey monuments according to 43 Code of Federal Regulations (CFR) 3809.420(b)(9).

### **1.10.5 Cultural Resources**

In accordance with 43 CFR 3809.420(b)(8), Altitude will not knowingly disturb, alter, injure, or destroy any scientifically important paleontological remains or any historical or archaeological site, structure, building, or object on federal lands. Altitude will immediately bring to the attention of the authorized officer any cultural and/or paleontological resources that might be altered or destroyed on federal lands by its

exploration activities and will leave such discovery intact until notified to proceed by the BLM Authorized Officer (AO). The AO will evaluate the discoveries brought to his/her attention, take action to protect or remove the resource, and allow operations to proceed within 10 working days after notification of such discovery.

Altitude will not remove, disturb, alter, injure, or destroy any historical or archaeological site, structure, building, object, or artifact that meets criteria for listing on the National Register of Historic Places (NRHP) or has not been evaluated for NRHP eligibility. Altitude will be responsible for ensuring that employees, contractors, or any others associated with the exploration project do not damage, destroy, or vandalize archaeological or historical sites. Should damage to cultural resources within or near the exploration project occur during the period of construction, operation, or rehabilitation due to the unauthorized, negligent, or inadvertent actions of Altitude or other exploration project personnel, Altitude will be responsible for costs of rehabilitation or mitigation. Individuals involved in illegal activities could be subject to penalties under the Archaeological Resources Protection Act (16 United States Code [U.S.C.] 470ii), the Federal Land Management Policy Act (43 U.S.C. 1701), the Native American Graves and Repatriation Act (16 U.S.C. 1170) and other applicable statutes.

If human remains/burials or any previously unidentified cultural (archaeological or historical) resources are discovered during exploration, Altitude will immediately cease activities within 100 feet of the discovery, ensure that the discovery is appropriately protected, and immediately notify the BLM AO by telephone, followed with written confirmation. Work will not resume, and the discovery will be protected until notified in writing by the BLM AO that compliance with the provisions for mitigating unforeseen impacts as required by 43 CFR 3809 and additional consultation per 36 CFR 800.13(b)(3) have been satisfied.

### **1.10.6 Erosion Prevention and Stormwater Control**

Altitude will conduct exploration operations in a manner that minimizes soil erosion. Equipment will not be operated when ground conditions are such that excessive resource damage or increased sediment transport will occur. Best management practices (BMPs) will be utilized to control erosion and sedimentation.

BMPs for sediment control will be employed as needed during construction, operation, and reclamation to minimize sedimentation of disturbed areas. Sediment control structures will include, but not be limited to, fabric and/or certified weed free straw bale filter fences, siltation or filter berms, mud sumps, and down gradient drainage channels in order to prevent unnecessary or undue degradation to the environment. Sediment traps (sumps), constructed as necessary adjacent to drill sites, will be used to settle drill cuttings and prevent uncontrolled release of drill cuttings in produced groundwater. In order to control erosion from roads and drill sites, and from the unlikely event of drilling cuttings being released, certified weed-free straw bales and silt fences will be placed to capture sediment, where required.

While not anticipated due to the environment and generally flat terrain, stormwater controls will be installed where necessary to prevent or minimize erosion and sedimentation. Drainage structures will consist of, but not be limited to, water bars, borrow ditches, and contour furrows to handle maximum seasonal water flows.

### 1.10.7 Solid Waste and Hazardous Substances

Non-hazardous exploration project-related refuse will be collected in approved trash bins and/or containers and hauled from the site by Altitude or their contractors for disposal at an approved landfill on a regular basis. The bins and/or containers will be equipped with lids. Debris that may have a hazardous characteristic, residue, or fluids will not be disposed of in these trash bins. To minimize impacts during precipitation events, trash bins will be regularly inspected for leaks and the lids will remain closed except when depositing debris. The trash bins will not contain materials that may attract wildlife (food items, etc.) and will be emptied on a regular basis.

Hazardous substances employed for the exploration project will include diesel fuel, gasoline, hydraulic fluid, and lubricating grease. Transportation of these materials will be conducted in accordance with applicable regulatory guidelines.

### 1.10.8 Air Quality

Roads will be watered as necessary to control fugitive dust. Vehicular traffic will be minimized, and prudent speeds observed to minimize fugitive dust emissions, protect wildlife and livestock, and maintain operational safety. Vehicles associated with the exploration program will maintain a safe and appropriate speed limit for existing road conditions.

### 1.10.9 Fire Protection

Altitude will comply with applicable agency and state fire laws and regulations. Reasonable measures will be taken by employees, contractors, and subcontractors to prevent and suppress fires within the project area. No open fires will be allowed within the project area during the conduct of activities.

Smoking will only be permitted in areas that are free of flammable materials and only if allowed by state law or federal regulations. If smoking is allowed, smokers will position themselves in such a manner that burning material will fall within cleared areas. Smoking materials will be extinguished by pressing said materials into mineral soils. When completely extinguished, debris associated with smoking will then be put into containers designed solely for this purpose and properly disposed.

Vehicles and equipment operated on public land and roads will meet proper wildfire preparedness requirements including, but not limited to, being equipped with approved spark arrestors, fire suppression tools, and other appropriate supplies. Power equipment will be equipped with fire extinguishers, buckets, and shovels during the exploration program.

An effective communications network consisting of radios and/or cellular telephones will be in place. Crew vehicles and equipment will be equipped with radios and/or cellular telephones for fire preparedness and prevention, suppression operations, and emergency purposes. Crew vehicles and equipment will also be equipped with an emergency communication list that will include numbers for the administering agency emergency contact.

### **1.10.10 Employee Training**

Altitude will train employees, contractors, and other related personnel as to the environmental and cultural resources responsibilities required under this notice as well as state and federal law.



## 2 Reclamation Plan

Reclamation of disturbed areas resulting from activities outlined in this notice will be completed in accordance with 43 CFR 3809 and NAC 519A regulations and requirements. **Appendix B** contains a cost estimate of the proposed reclamation activities. Reclamation costs are discussed further in **Section 3**.

### 2.1 Re-contouring

Generally, the final surface of the exploration pads, backfilled sumps, and pullout area will be levelled and covered with side-cast playa material. Where the existing roads have been widened, they will be brought back to their original width. Gravel placed within the existing roadbeds may be removed and disposed of off-site, smoothed and covered with playa material, or buried in a shallow trench within the roadbed footprint.

### 2.2 Seedbed Preparation and Seeding

Because this project is located within a playa, revegetation will only occur in those areas displaying adjacent vegetation. Where relevant, reclaimed areas will be hand-broadcast seeded with an approved seed mix. Seeding will be completed at the appropriate time of year as advised by BLM staff. Final revegetation will be consistent with the post-exploration land uses of grazing, wildlife habitat, and recreation. Reseeding will not be done within the playa area where plant growth does not occur.

Altitude will attempt to reduce the spread of noxious weeds on lands disturbed by the proposed project by avoiding travel, whenever possible, through areas infested by noxious weeds. Revegetation success and the presence of noxious weeds will be monitored until release. Weed control will be performed by Altitude during the appropriate season to eradicate infestations of noxious weeds, if necessary.

### 2.3 Measures Used to Minimize Loading of Sediment

Reclamation operations will be implemented when Altitude determines that the drill site is no longer needed or no later than 24 months from the start of the drill hole. BMPs will be used to limit erosion and reduce sediment in runoff during reclamation. Silt fences, sediment traps, or other BMPs will be used to prevent migration of eroded material until reclaimed areas and exposed surfaces have demonstrated erosional stability.

### 2.4 Reclamation Schedule

Disturbance areas will be reclaimed at the earliest opportunity. Earthwork and revegetation activities are limited by the time of year during which such activities can be effectively implemented. Site conditions and/or yearly climatic variations may require that this schedule be modified to achieve revegetation success. Reclamation activities will be coordinated with the BLM as necessary.

### 2.5 Monitoring

Post-closure management will commence on reclaimed areas following completion of the reclamation work for the area. The BLM will be notified before the commencement of final reclamation work. Monitoring of revegetation success will be conducted for a minimum of three years or until revegetation

standards have been met as determined by BLM. Revegetation monitoring will occur based on seasonal growth patterns, precipitation, and weather conditions.



### 3 Reclamation Costs

The reclamation costs for this notice were estimated using the Notice Level Exploration RCM Version 3.2 with 2023 cost data. The model is included as **Appendix B**.

#### 3.1 Drill Holes Open

Costs have been included for the abandonment and plugging of one wet drill hole drilled to a max depth of 1,000 feet bgs including the removal of 1,000 feet of casing.

#### 3.2 Drill Sites and Sumps

Drill pads are approximately 120 feet wide by 120 feet long. Square footage was used to determine the number of drill sites within the model (7) based on the default model size of 30 by 70 feet.

#### 3.3 Roads

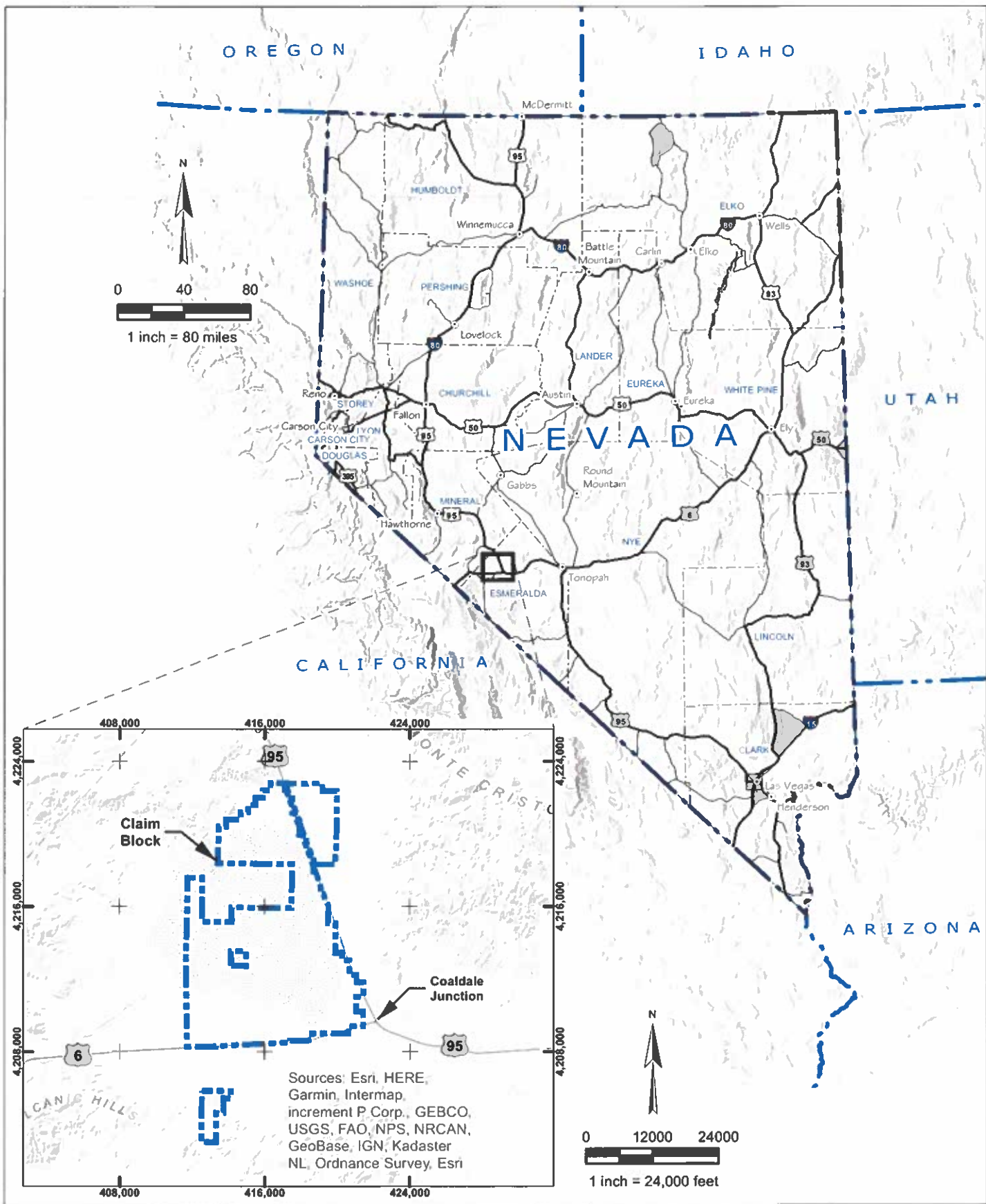
The existing 8-foot-wide roads may be widened to approximately 10 feet wide in select locations. Costs to return up to 3,500 linear feet of existing roads back to their pre-existing disturbance width of 8 feet have been entered in the RCM as 500 linear feet of road construction, accounting for the model road width of 14 feet (7,000 square feet). Costs for reclaiming the pullout area have been entered as an additional 20 linear feet of road in the RCM. Costs for removing, burying, or covering gravel placed along approximately 5,000 linear feet of existing roadbeds has been accounted for as cross-country travel disturbance.

#### 3.4 Summary

The estimated total notice acres are 1.44. Estimated cost to reclaim this exploration project is \$13,258, as shown on **Appendix B**.

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# Figures



DESIGN: ML    REVIEWED: JW/CD    PREPARED BY:  
 DRAWN: GK    APPROVED: CD  
 COORDINATE SYSTEM:  
 NAD 1983 UTM Zone 11N



DRAWING TITLE:  
 PROJECT LOCATION MAP

IF THE ABOVE BAR DOES NOT MEASURE 1 INCH, THE DRAWING SCALE IS ALTERED

PREPARED FOR:  
**COLUMBUS BASIN LITHIUM BRINE PROJECT**

DATE: 1/28/2024  
 SRK PROJECT NO: USPR001849.1000

REVISION: A

DRAWING NO:  
**FIGURE 1**

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## **Appendix A: Mining Claim Information**

Appendix A - Barbara Anne Craig, Elizabeth Anne Dickman

	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
1	NV101550609	CL 533	NMC1149792	9/14/2017	21 0020N 0360E 015
2	NV101550610	CL 534	NMC1149793	9/14/2017	21 0020N 0360E 015
3	NV101550611	CL 535	NMC1149794	9/14/2017	21 0020N 0360E 015
4	NV101550612	CL 536	NMC1149795	9/14/2017	21 0020N 0360E 015
5	NV101550613	CL 537	NMC1149796	9/14/2017	21 0020N 0360E 015
6	NV101550614	CL 538	NMC1149797	9/14/2017	21 0020N 0360E 015
7	NV101550615	CL 539	NMC1149798	9/14/2017	21 0020N 0360E 015
8	NV101550616	CL 540	NMC1149799	9/14/2017	21 0020N 0360E 015
9	NV101550617	CL 541	NMC1149800	9/14/2017	21 0020N 0360E 016
10	NV101550618	CL 542	NMC1149801	9/14/2017	21 0020N 0360E 016
11	NV101550619	CL 543	NMC1149802	9/14/2017	21 0020N 0360E 016
12	NV101550620	CL 544	NMC1149803	9/14/2017	21 0020N 0360E 016
13	NV101550621	CL 545	NMC1149804	9/14/2017	21 0020N 0360E 015
14	NV101550622	CL 546	NMC1149805	9/14/2017	21 0020N 0360E 015
15	NV101550623	CL 547	NMC1149806	9/14/2017	21 0020N 0360E 015
16	NV101550624	CL 548	NMC1149807	9/14/2017	21 0020N 0360E 015
17	NV101550625	CL 151	NMC1149808	9/20/2017	21 0020N 0360E 004
18	NV101550626	CL 152	NMC1149809	9/20/2017	21 0020N 0360E 004
19	NV101550627	CL 153	NMC1149810	9/20/2017	21 0020N 0360E 004
20	NV101716671	CL 501	NMC1149760	9/12/2017	21 0020N 0360E 010
21	NV101716672	CL 502	NMC1149761	9/12/2017	21 0020N 0360E 010
22	NV101716673	CL 503	NMC1149762	9/12/2017	21 0020N 0360E 010
23	NV101716674	CL 504	NMC1149763	9/12/2017	21 0020N 0360E 010
24	NV101716675	CL 505	NMC1149764	9/12/2017	21 0020N 0360E 009
25	NV101716676	CL 506	NMC1149765	9/12/2017	21 0020N 0360E 009
26	NV101716677	CL 507	NMC1149766	9/12/2017	21 0020N 0360E 009
27	NV101716678	CL 508	NMC1149767	9/12/2017	21 0020N 0360E 009
28	NV101716679	CL 509	NMC1149768	9/12/2017	21 0020N 0360E 010
29	NV101716680	CL 510	NMC1149769	9/12/2017	21 0020N 0360E 010
30	NV101716681	CL 511	NMC1149770	9/12/2017	21 0020N 0360E 010
31	NV101838932	CL 453 A	NMC1170707	2/17/2018	21 0030N 0360E 009
32	NV101838933	CL 455	NMC1170708	2/17/2018	21 0030N 0360E 009
33	NV101838934	CL 470	NMC1170709	2/17/2018	21 0030N 0360E 009
34	NV101838935	CL 471	NMC1170710	2/17/2018	21 0030N 0360E 009
35	NV101838936	CL 472	NMC1170711	2/17/2018	21 0030N 0360E 009
36	NV101838937	CL 473	NMC1170712	2/17/2018	21 0030N 0360E 009
37	NV101869461	CL 512	NMC1149771	9/12/2017	21 0020N 0360E 010
38	NV101869462	CL 513	NMC1149772	9/12/2017	21 0020N 0360E 010
39	NV101869463	CL 514	NMC1149773	9/12/2017	21 0020N 0360E 010
40	NV101869464	CL 515	NMC1149774	9/12/2017	21 0020N 0360E 010
41	NV101869465	CL 516	NMC1149775	9/12/2017	21 0020N 0360E 010
42	NV101869466	CL 517	NMC1149776	9/12/2017	21 0020N 0360E 009
43	NV101869467	CL 518	NMC1149777	9/12/2017	21 0020N 0360E 009

	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
44	NV101869468	CL 519	NMC1149778	9/12/2017	21 0020N 0360E 009
45	NV101869469	CL 520	NMC1149779	9/12/2017	21 0020N 0360E 009
46	NV101869470	CL 521	NMC1149780	9/12/2017	21 0020N 0360E 010
47	NV101869471	CL 522	NMC1149781	9/12/2017	21 0020N 0360E 010
48	NV101869472	CL 523	NMC1149782	9/12/2017	21 0020N 0360E 010
49	NV101869473	CL 524	NMC1149783	9/12/2017	21 0020N 0360E 010
50	NV101869474	CL 525	NMC1149784	9/14/2017	21 0020N 0360E 015
51	NV101869475	CL 526	NMC1149785	9/14/2017	21 0020N 0360E 015
52	NV101869476	CL 527	NMC1149786	9/14/2017	21 0020N 0360E 015
53	NV101869477	CL 528	NMC1149787	9/14/2017	21 0020N 0360E 015
54	NV101869478	CL 529	NMC1149788	9/14/2017	21 0020N 0360E 016
55	NV101869479	CL 530	NMC1149789	9/14/2017	21 0020N 0360E 016
56	NV101869480	CL 531	NMC1149790	9/14/2017	21 0020N 0360E 016
57	NV101869481	CL 532	NMC1149791	9/14/2017	21 0020N 0360E 016
58	NV101920478	CSM 19	NMC1207547	9/1/2020	21 0020N 0360E 002
59	NV101920479	CSM 20	NMC1207548	9/1/2020	21 0020N 0360E 003
60	NV101920480	CSM 21	NMC1207549	9/1/2020	21 0020N 0360E 003
61	NV101920481	CSM 22	NMC1207550	9/1/2020	21 0020N 0360E 003
62	NV101920482	CSM 23	NMC1207551	9/1/2020	21 0020N 0360E 003
63	NV101920483	CSM 28	NMC1207552	9/1/2020	21 0020N 0360E 003
64	NV101920484	CSM 29	NMC1207553	9/1/2020	21 0020N 0360E 003
65	NV101920485	CSM 30	NMC1207554	9/1/2020	21 0020N 0360E 003
66	NV101920486	CSM 31	NMC1207555	9/1/2020	21 0020N 0360E 003
67	NV101920487	CSM 32	NMC1207556	9/1/2020	21 0020N 0360E 002
68	NV101920488	CSM 33	NMC1207557	9/1/2020	21 0020N 0360E 002
69	NV101920489	CSM 34	NMC1207558	9/1/2020	21 0020N 0360E 003
70	NV101920490	CSM 35	NMC1207559	9/1/2020	21 0020N 0360E 003
71	NV101920491	CSM 36	NMC1207560	9/1/2020	21 0020N 0360E 003
72	NV101920492	CSM 37	NMC1207561	9/1/2020	21 0020N 0360E 003
73	NV101920493	CSM 38	NMC1207562	9/1/2020	21 0020N 0360E 003
74	NV101920494	CSM 39	NMC1207563	9/1/2020	21 0020N 0360E 003
75	NV101920495	CSM 40	NMC1207564	9/1/2020	21 0020N 0360E 003
76	NV101920496	CSM 41	NMC1207565	9/1/2020	21 0020N 0360E 003
77	NV101920497	CSM 42	NMC1207566	9/1/2020	21 0020N 0360E 002
78	NV101921285	CSM 43	NMC1207567	9/1/2020	21 0020N 0360E 011
79	NV101921286	CSM 44	NMC1207568	9/1/2020	21 0020N 0360E 011
80	NV101921287	CSM 45	NMC1207569	9/1/2020	21 0020N 0360E 011
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82	NV101921289	CSM 47	NMC1207571	9/1/2020	21 0020N 0360E 014
83	NV101921290	CSM 48	NMC1207572	9/1/2020	21 0020N 0360E 014
84	NV101921291	CSM 49	NMC1207573	9/1/2020	21 0020N 0360E 014
85	NV101921292	CSM 50	NMC1207574	9/1/2020	21 0020N 0360E 014
86	NV101921293	CSM 84	NMC1207575	9/1/2020	21 0020N 0360E 002
87	NV101921294	CSM 85	NMC1207576	9/1/2020	21 0020N 0360E 002
88	NV101921295	CSM 86	NMC1207577	9/1/2020	21 0020N 0360E 002
89	NV101921296	CSM 87	NMC1207578	9/1/2020	21 0020N 0360E 002



	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
90	NV101921297	CSM 88	NMC1207579	9/1/2020	21 0020N 0360E 011
91	NV101921298	CSM 89	NMC1207580	9/1/2020	21 0020N 0360E 011
92	NV101921401	CSM 90	NMC1207581	9/1/2020	21 0020N 0360E 011
93	NV101921402	CSM 91	NMC1207582	9/1/2020	21 0020N 0360E 011
94	NV101921403	CSM 92	NMC1207583	9/1/2020	21 0020N 0360E 014
95	NV101921404	CSM 93	NMC1207584	9/1/2020	21 0020N 0360E 014
96	NV101921405	CSM 94	NMC1207585	9/1/2020	21 0020N 0360E 014
97	NV101921406	CSM 95	NMC1207586	9/1/2020	21 0020N 0360E 014
98	NV101921407	CSM 110	NMC1207587	9/1/2020	21 0020N 0360E 002
99	NV101921862	CSM 111	NMC1207588	9/1/2020	21 0020N 0360E 002
100	NV101921863	CSM 112	NMC1207589	9/1/2020	21 0020N 0360E 002
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103	NV101921866	CSM 115	NMC1207592	9/1/2020	21 0020N 0360E 011
104	NV101921867	CSM 116	NMC1207593	9/1/2020	21 0020N 0360E 011
105	NV101921868	CSM 117	NMC1207594	9/1/2020	21 0020N 0360E 011
106	NV101921869	CSM 118	NMC1207595	9/1/2020	21 0020N 0360E 014
107	NV101921870	CSM 119	NMC1207596	9/1/2020	21 0020N 0360E 014
108	NV101921871	CSM 120	NMC1207597	9/1/2020	21 0020N 0360E 014
109	NV101921872	CSM 121	NMC1207598	9/1/2020	21 0020N 0360E 014
110	NV105234557	CSM 1		2/7/2021	21 0030N 0360E 035
111	NV105234558	CSM 2		2/7/2021	21 0030N 0360E 034
112	NV105234559	CSM 3		2/7/2021	21 0030N 0360E 034
113	NV105234560	CSM 4		2/7/2021	21 0030N 0360E 034
114	NV105234561	CSM 5		2/7/2021	21 0030N 0360E 034
115	NV105234562	CSM 6		2/7/2021	21 0030N 0360E 033
116	NV105234563	CSM 7		2/7/2021	21 0030N 0360E 033
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118	NV105234565	CSM 13		2/7/2021	21 0030N 0360E 033
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121	NV105234568	CSM 16		2/7/2021	21 0030N 0360E 034
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123	NV105234570	CSM 18		2/7/2021	21 0030N 0360E 035
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125	NV105234572	CSM 25		2/7/2021	21 0030N 0360E 028
126	NV105234573	CSM 26		2/7/2021	21 0030N 0360E 027
127	NV105234574	CSM 27		2/7/2021	21 0030N 0360E 027
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129	NV105234576	CSM 59		2/7/2021	21 0030N 0360E 027
130	NV105234577	CSM 60		2/7/2021	21 0030N 0360E 026
131	NV105234578	CSM 61		2/7/2021	21 0030N 0360E 026
132	NV105234579	CSM 62		2/7/2021	21 0030N 0360E 035
133	NV105234580	CSM 63		2/7/2021	21 0030N 0360E 035
134	NV105234581	CSM 64		2/7/2021	21 0030N 0360E 034
135	NV105234582	CSM 65		2/7/2021	21 0030N 0360E 034

	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
136	NV105234583	CSM 66		2/7/2021	21 0030N 0360E 034
137	NV105234584	CSM 67		2/7/2021	21 0030N 0360E 034
138	NV105234585	CSM 68		2/7/2021	21 0030N 0360E 033
139	NV105234586	CSM 69		2/7/2021	21 0030N 0360E 033
140	NV105234587	CSM 74		2/7/2021	21 0030N 0360E 033
141	NV105234588	CSM 75		2/7/2021	21 0030N 0360E 033
142	NV105234589	CSM 76		2/7/2021	21 0030N 0360E 034
143	NV105234590	CSM 77		2/7/2021	21 0030N 0360E 034
144	NV105234591	CSM 78		2/7/2021	21 0030N 0360E 034
145	NV105234592	CSM 79		2/7/2021	21 0030N 0360E 034
146	NV105234593	CSM 80		2/7/2021	21 0030N 0360E 035
147	NV105234594	CSM 81		2/7/2021	21 0030N 0360E 035
148	NV105234595	CSM 82		2/7/2021	21 0030N 0360E 035
149	NV105234596	CSM 83		2/7/2021	21 0030N 0360E 035
150	NV105234597	CSM 96		2/7/2021	21 0030N 0360E 028
151	NV105234598	CSM 97		2/7/2021	21 0030N 0360E 028
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153	NV105234600	CSM 99		2/7/2021	21 0030N 0360E 027
154	NV105234601	CSM 100		2/7/2021	21 0030N 0360E 027
155	NV105234602	CSM 101		2/7/2021	21 0030N 0360E 027
156	NV105234603	CSM 102		2/7/2021	21 0030N 0360E 026
157	NV105234604	CSM 103		2/7/2021	21 0030N 0360E 026
158	NV105234605	CSM 104		2/7/2021	21 0030N 0360E 026
159	NV105234606	CSM 105		2/7/2021	21 0030N 0360E 026
160	NV105234607	CSM 106		2/7/2021	21 0030N 0360E 035
161	NV105234608	CSM 107		2/7/2021	21 0030N 0360E 035
162	NV105234609	CSM 108		2/7/2021	21 0030N 0360E 035
163	NV105234610	CSM 109		2/7/2021	21 0030N 0360E 035
164	NV105234611	EC 22		2/7/2021	21 0030N 0360E 035
165	NV105234612	EC 27		2/7/2021	21 0030N 0360E 035
166	NV105234613	EC 28		2/7/2021	21 0030N 0360E 035
167	NV105234614	EC 33		2/7/2021	21 0030N 0360E 035
168	NV105234615	EC 34		2/7/2021	21 0030N 0360E 026
169	NV105234616	EC 39		2/7/2021	21 0030N 0360E 026
170	NV105282083	CSM 8		10/18/2021	21 0030N 0360E 033
171	NV105282084	CSM 9		10/18/2021	21 0030N 0360E 033
172	NV105282085	CSM 10		10/18/2021	21 0030N 0360E 033
173	NV105282086	CSM 11		10/18/2021	21 0030N 0360E 033
174	NV105282087	CSM 51		10/18/2021	21 0020N 0360E 023
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178	NV105282091	CSM 55		10/18/2021	21 0020N 0360E 022
179	NV105282092	CSM 56		10/18/2021	21 0020N 0360E 022
180	NV105282093	CSM 57		10/18/2021	21 0020N 0360E 021



	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
181	NV105282094	CSM 57B		10/18/2021	21 0020N 0360E 021
182	NV105282095	CSM 70		10/18/2021	21 0030N 0360E 033
183	NV105282096	CSM 71		10/18/2021	21 0030N 0360E 033
184	NV105282097	CSM 72		10/18/2021	21 0030N 0360E 033
185	NV105282098	CSM 73		10/18/2021	21 0030N 0360E 033
186	NV105282099	CSM 200		10/18/2021	21 0030N 0360E 036
187	NV105282100	CSM 201		10/18/2021	21 0030N 0360E 036
188	NV105282101	CSM 202		10/18/2021	21 0030N 0360E 036
189	NV105282102	CSM 203		10/18/2021	21 0030N 0360E 036
190	NV105282103	CSM 204		10/18/2021	21 0020N 0360E 001
191	NV105282104	CSM 205		10/18/2021	21 0020N 0360E 001
192	NV105282105	CSM 206		10/18/2021	21 0020N 0360E 001
193	NV105282106	CSM 207		10/18/2021	21 0020N 0360E 001
194	NV105282107	CSM 208		10/18/2021	21 0020N 0360E 012
195	NV105282108	CSM 209		10/18/2021	21 0020N 0360E 012
196	NV105282109	CSM 210		10/18/2021	21 0020N 0360E 012
197	NV105282110	CSM 211		10/18/2021	21 0020N 0360E 012
198	NV105282111	CSM 212		10/18/2021	21 0020N 0360E 013
199	NV105282112	CSM 213		10/18/2021	21 0020N 0360E 013
200	NV105282113	CSM 214		10/18/2021	21 0020N 0360E 013
201	NV105282114	CSM 215		10/18/2021	26 0030N 0360E 036
202	NV105282115	CSM 216		10/18/2021	26 0030N 0360E 036
203	NV105282116	CSM 217		10/18/2021	26 0030N 0360E 036
204	NV105282117	CSM 218		10/18/2021	26 0030N 0360E 036
205	NV105282118	CSM 219		10/18/2021	21 0020N 0360E 001
206	NV105282119	CSM 220		10/18/2021	21 0020N 0360E 001
207	NV105282120	CSM 221		10/18/2021	21 0020N 0360E 001
208	NV105282121	CSM 222		10/18/2021	21 0020N 0360E 001
209	NV105282122	CSM 223		10/18/2021	21 0020N 0360E 012
210	NV105282123	CSM 224		10/18/2021	21 0020N 0360E 012
211	NV105282124	CSM 225		10/18/2021	21 0020N 0360E 012
212	NV105282125	CSM 226		10/18/2021	21 0020N 0360E 012
213	NV105282126	CSM 227		10/18/2021	21 0020N 0360E 013
214	NV105282127	CSM 228		10/18/2021	21 0020N 0360E 013
215	NV105282128	CSM 229		10/18/2021	21 0020N 0360E 013
216	NV105282129	CSM 233		10/18/2021	21 0020N 0370E 006
217	NV105282130	CSM 234		10/18/2021	21 0020N 0370E 006
218	NV105282131	CSM 235		10/18/2021	21 0020N 0370E 006
219	NV105282132	CSM 236		10/18/2021	21 0020N 0370E 006
220	NV105282133	CSM 237		10/18/2021	21 0020N 0370E 007
221	NV105282134	CSM 238		10/18/2021	21 0020N 0370E 007
222	NV105282135	CSM 239		10/18/2021	21 0020N 0370E 007
223	NV105282136	CSM 240		10/18/2021	21 0020N 0370E 007

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224	NV105282137	CSM 241		10/18/2021	21 0020N 0370E 018
225	NV105282138	CSM 242		10/18/2021	21 0020N 0370E 018
226	NV105282139	CSM 243		10/18/2021	21 0020N 0370E 018
227	NV105282140	CSM 246		10/18/2021	21 0020N 0370E 006
228	NV105282141	CSM 247		10/18/2021	21 0020N 0370E 006
229	NV105282142	CSM 248		10/18/2021	21 0020N 0370E 006
230	NV105282143	CSM 249		10/18/2021	21 0020N 0370E 007
231	NV105282144	CSM 250		10/18/2021	21 0020N 0370E 007
232	NV105282145	CSM 251		10/18/2021	21 0020N 0370E 007
233	NV105282146	CSM 252		10/18/2021	21 0020N 0370E 007
234	NV105282147	CSM 253		10/18/2021	21 0020N 0370E 018
235	NV105282148	CSM 254		10/18/2021	21 0020N 0370E 018
236	NV105282149	CSM 255		10/18/2021	21 0020N 0370E 018
237	NV105282150	CSM 257		10/18/2021	21 0020N 0370E 006
238	NV105282151	CSM 258		10/18/2021	21 0020N 0370E 007
239	NV105282152	CSM 259		10/18/2021	21 0020N 0370E 007
240	NV105282153	CSM 260		10/18/2021	21 0020N 0370E 007
241	NV105282154	CSM 261		10/18/2021	21 0020N 0370E 007
242	NV105282155	CSM 262		10/18/2021	21 0020N 0370E 018
243	NV105282156	CSM 263		10/18/2021	21 0020N 0370E 018
244	NV105282157	CSM 264		10/18/2021	21 0020N 0370E 007
245	NV105282158	CSM 265		10/18/2021	21 0020N 0370E 007
246	NV105282159	CSM 266		10/18/2021	21 0020N 0370E 018
247	NV105282160	CSM 267		10/18/2021	21 0020N 0370E 018
248	NV105282161	EC 1		9/20/2021	21 0020N 0360E 012
249	NV105282162	EC 2		9/20/2021	21 0020N 0360E 012
250	NV105282163	EC 3		9/20/2021	21 0020N 0360E 011
251	NV105282164	EC 4		9/20/2021	21 0020N 0360E 011
252	NV105282165	EC 5		9/20/2021	21 0020N 0360E 012
253	NV105282166	EC 6		9/20/2021	21 0020N 0360E 012
254	NV105282167	EC 7		9/20/2021	21 0020N 0360E 012
255	NV105282168	EC 8		9/20/2021	21 0020N 0360E 012
256	NV105282169	EC 9		9/20/2021	21 0020N 0360E 011
257	NV105282170	EC 10		9/20/2021	21 0020N 0360E 002
258	NV105282171	EC 11		9/20/2021	21 0020N 0360E 001
259	NV105282172	EC 12		9/20/2021	21 0020N 0360E 001
260	NV105282173	EC 13		9/20/2021	21 0020N 0360E 001
261	NV105282174	EC 14		9/20/2021	21 0020N 0360E 001
262	NV105282175	EC 15		9/20/2021	21 0020N 0360E 002
263	NV105282176	EC 16		9/20/2021	21 0020N 0360E 002
264	NV105282177	EC 17		9/20/2021	21 0020N 0360E 001
265	NV105282178	EC 18		9/20/2021	21 0020N 0360E 001
266	NV105282179	EC 19		9/20/2021	21 0020N 0360E 001

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267	NV105282180	EC 20		9/20/2021	21 0020N 0360E 001
268	NV105282181	EC 21		9/20/2021	21 0020N 0360E 002
269	NV105282182	EC 23		9/20/2021	21 0030N 0360E 036
270	NV105282183	EC 24		9/20/2021	21 0030N 0360E 036
271	NV105282184	EC 25		9/20/2021	21 0030N 0360E 036
272	NV105282185	EC 26		9/20/2021	21 0030N 0360E 036
273	NV105282186	EC 29		9/20/2021	21 0030N 0360E 036
274	NV105282187	EC 30		9/20/2021	21 0030N 0360E 036
275	NV105282188	EC 31		9/20/2021	21 0030N 0360E 036
276	NV105282189	EC 32		9/20/2021	21 0030N 0360E 036
277	NV105282190	EC 35		9/20/2021	21 0030N 0360E 025
278	NV105282191	EC 36		9/20/2021	21 0030N 0360E 025
279	NV105282192	EC 37		9/20/2021	21 0030N 0360E 025
280	NV105282193	EC 38		9/20/2021	21 0030N 0360E 025
281	NV105282194	EC 40		9/20/2021	21 0030N 0360E 026
282	NV105282195	EC 41		9/20/2021	21 0030N 0360E 026
283	NV105282196	EC 42		9/20/2021	21 0030N 0360E 025
284	NV105282197	EC 43		9/20/2021	21 0030N 0360E 025
285	NV105282198	EC 44		9/20/2021	21 0030N 0360E 025
286	NV105282199	EC 45		9/20/2021	21 0030N 0360E 025
287	NV105282200	EC 46		9/20/2021	21 0030N 0360E 026
288	NV105282201	EC 47		9/20/2021	21 0030N 0360E 026
289	NV105282202	EC 48		9/20/2021	21 0030N 0360E 023
290	NV105282203	EC 49		9/20/2021	21 0030N 0360E 023
291	NV105282204	EC 50		9/20/2021	21 0030N 0360E 024
292	NV105282205	EC 51		9/20/2021	21 0030N 0360E 024
293	NV105282206	EC 52		9/20/2021	21 0030N 0360E 023
294	NV105282207	EC 53		9/20/2021	21 0030N 0360E 023
295	NV105282208	EC 54		9/20/2021	21 0030N 0360E 023
296	NV105282209	EC 55		9/20/2021	21 0030N 0360E 023
297	NV105282210	EC 56		9/20/2021	21 0030N 0360E 024
298	NV105282211	EC 57		9/20/2021	21 0030N 0360E 024
299	NV105282212	EC 58		9/20/2021	21 0030N 0360E 023
300	NV105282213	EC 59		9/20/2021	21 0030N 0360E 023
301	NV105282214	CL 1		9/20/2021	21 0020N 0360E 011
302	NV105282215	CL 2		9/20/2021	21 0020N 0360E 012
303	NV105282216	CL 3		9/20/2021	21 0020N 0360E 012
304	NV105282217	CL 16		9/20/2021	21 0020N 0360E 013
305	NV105282218	CL 17		9/20/2021	21 0020N 0360E 013
306	NV105282219	CL 18		9/20/2021	21 0020N 0360E 014
307	NV105282220	CL 19		9/20/2021	21 0020N 0360E 014
308	NV105282221	CL 20		9/20/2021	21 0020N 0360E 013
309	NV105282222	CL 21		9/20/2021	21 0020N 0360E 013

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310	NV105282223	CL 30		9/20/2021	21 0020N 0360E 013
311	NV105282224	CL 31		9/20/2021	21 0020N 0360E 013
312	NV105282225	CL 32		9/20/2021	21 0020N 0360E 014
313	NV105282226	CL 33		9/20/2021	21 0020N 0360E 014
314	NV105282227	CL 34		9/20/2021	21 0020N 0360E 013
315	NV105282228	CL 101		9/23/2021	21 0020N 0360E 004
316	NV105282229	CL 102		9/23/2021	21 0020N 0360E 004
317	NV105282230	CL 103		9/23/2021	21 0020N 0360E 004
318	NV105282231	CL 104		9/23/2021	21 0020N 0360E 004
319	NV105282232	CL 105		9/23/2021	21 0020N 0360E 005
320	NV105282233	CL 106		9/23/2021	21 0020N 0360E 005
321	NV105282234	CL 107		9/23/2021	21 0020N 0360E 005
322	NV105282235	CL 108		9/23/2021	21 0020N 0360E 005
323	NV105282236	CL 109		9/23/2021	21 0020N 0360E 004
324	NV105282237	CL 110		9/23/2021	21 0020N 0360E 004
325	NV105282238	CL 111		9/23/2021	21 0020N 0360E 004
326	NV105282239	CL 112		9/23/2021	21 0020N 0360E 004
327	NV105282240	CL 113		9/23/2021	21 0020N 0360E 009
328	NV105282241	CL 114		9/23/2021	21 0020N 0360E 009
329	NV105282242	CL 115		9/23/2021	21 0020N 0360E 008
330	NV105282243	CL 116		9/23/2021	21 0020N 0360E 008
331	NV105282244	CL 117		9/23/2021	21 0020N 0360E 008
332	NV105282245	CL 118		9/23/2021	21 0020N 0360E 008
333	NV105282246	CL 119		9/23/2021	21 0020N 0360E 008
334	NV105282247	CL 120		9/23/2021	21 0020N 0360E 008
335	NV105282248	CL 121		9/23/2021	21 0020N 0360E 009
336	NV105282249	CL 122		9/23/2021	21 0020N 0360E 009
337	NV105282250	CL 123		9/23/2021	21 0020N 0360E 009
338	NV105282251	CL 124		9/23/2021	21 0020N 0360E 009
339	NV105282252	CL 125		9/23/2021	21 0020N 0360E 008
340	NV105282253	CL 126		9/23/2021	21 0020N 0360E 008
341	NV105282254	CL 127		9/23/2021	21 0020N 0360E 008
342	NV105282255	CL 128		9/23/2021	21 0020N 0360E 008
343	NV105282256	CL 129		9/23/2021	21 0020N 0360E 008
344	NV105282257	CL 130		9/23/2021	21 0020N 0360E 008
345	NV105282258	CL 131		9/23/2021	21 0020N 0360E 009
346	NV105282259	CL 132		9/23/2021	21 0020N 0360E 009
347	NV105282260	CL 133		9/23/2021	21 0020N 0360E 016
348	NV105282261	CL 134		9/23/2021	21 0020N 0360E 016
349	NV105282262	CL 135		9/23/2021	21 0020N 0360E 017
350	NV105282263	CL 136		9/23/2021	21 0020N 0360E 017
351	NV105282264	CL 137		9/23/2021	21 0020N 0360E 017
352	NV105282265	CL 138		9/23/2021	21 0020N 0360E 017

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353	NV105282266	CL 139		9/23/2021	21 0020N 0360E 016
354	NV105282267	CL 140		9/23/2021	21 0020N 0360E 016
355	NV105282268	CL 141		9/23/2021	21 0020N 0360E 016
356	NV105282269	CL 142		9/23/2021	21 0020N 0360E 016
357	NV105282270	CL 143		9/23/2021	21 0020N 0360E 016
358	NV105282271	CL 144		9/23/2021	21 0020N 0360E 016
359	NV105282272	CL 145		9/23/2021	21 0020N 0360E 021
360	NV105282273	CL 146		9/23/2021	21 0020N 0360E 021
361	NV105282274	CL 147		9/23/2021	21 0020N 0360E 008
362	NV105282275	CL 148		9/23/2021	21 0020N 0360E 008
363	NV105282276	CL 149		9/23/2021	21 0020N 0360E 008
364	NV105282277	CL 150		9/23/2021	21 0020N 0360E 008
365	NV105282278	CL 154		9/23/2021	21 0020N 0360E 004
366	NV105282279	CL 159		9/23/2021	21 0020N 0360E 005
367	NV105282280	CL 160		9/23/2021	21 0020N 0360E 005
368	NV105282281	CL 161		9/23/2021	21 0020N 0360E 005
369	NV105282282	CL 162		9/23/2021	21 0020N 0360E 005
370	NV105282283	CL 301		9/20/2021	21 0030N 0360E 010
371	NV105282284	CL 302		9/20/2021	21 0030N 0360E 010
372	NV105282285	CL 303		9/20/2021	21 0030N 0360E 010
373	NV105282286	CL 304		9/20/2021	21 0030N 0360E 010
374	NV105282287	CL 305		9/20/2021	21 0030N 0360E 010
375	NV105282288	CL 306		9/20/2021	21 0030N 0360E 010
376	NV105282289	CL 307		9/20/2021	21 0030N 0360E 010
377	NV105282290	CL 308		9/20/2021	21 0030N 0360E 010
378	NV105282291	CL 309		9/20/2021	21 0030N 0360E 010
379	NV105282292	CL 310		9/20/2021	21 0030N 0360E 010
380	NV105282293	CL 311		9/20/2021	21 0030N 0360E 010
381	NV105282294	CL 312		9/20/2021	21 0030N 0360E 010
382	NV105282295	CL 313		9/20/2021	21 0030N 0360E 010
383	NV105282296	CL 314		9/20/2021	21 0030N 0360E 010
384	NV105282297	CL 315		9/20/2021	21 0030N 0360E 010
385	NV105282298	CL 316		9/20/2021	21 0030N 0360E 010
386	NV105282299	CL 317		9/20/2021	21 0030N 0360E 015
387	NV105282300	CL 318		9/20/2021	21 0030N 0360E 015
388	NV105282301	CL 319		9/20/2021	21 0030N 0360E 015
389	NV105282302	CL 320		9/20/2021	21 0030N 0360E 015
390	NV105282303	CL 321		9/20/2021	21 0030N 0360E 015
391	NV105282304	CL 322		9/20/2021	21 0030N 0360E 015
392	NV105282305	CL 323		9/20/2021	21 0030N 0360E 015
393	NV105282306	CL 324		9/20/2021	21 0030N 0360E 015
394	NV105282307	CL 325		9/20/2021	21 0030N 0360E 015
395	NV105282308	CL 326		9/20/2021	21 0030N 0360E 015



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396	NV105282309	CL 327		9/20/2021	21 0030N 0360E 015
397	NV105282310	CL 328		9/20/2021	21 0030N 0360E 015
398	NV105282311	CL 329		9/20/2021	21 0030N 0360E 015
399	NV105282312	CL 330		9/20/2021	21 0030N 0360E 015
400	NV105282313	CL 331		9/20/2021	21 0030N 0360E 015
401	NV105282314	CL 332		9/20/2021	21 0030N 0360E 015
402	NV105282315	CL 333		9/20/2021	21 0030N 0360E 014
403	NV105282316	CL 334		9/20/2021	21 0030N 0360E 014
404	NV105282317	CL 335		9/20/2021	21 0030N 0360E 014
405	NV105282318	CL 336		9/20/2021	21 0030N 0360E 014
406	NV105282319	CL 337		9/20/2021	21 0030N 0360E 016
407	NV105282320	CL 338		9/25/2021	21 0030N 0360E 002
408	NV105282321	CL 339		9/20/2021	21 0030N 0360E 002
409	NV105282322	CL 340		9/20/2021	21 0030N 0360E 002
410	NV105282323	CL 341		9/20/2021	21 0030N 0360E 003
411	NV105282324	CL 342		9/20/2021	21 0030N 0360E 003
412	NV105282325	CL 343		9/20/2021	21 0030N 0360E 002
413	NV105282326	CL 344		9/20/2021	21 0030N 0360E 002
414	NV105282327	CL 345		9/20/2021	21 0030N 0360E 011
415	NV105282328	CL 346		9/20/2021	21 0030N 0360E 011
416	NV105282329	CL 347		9/20/2021	21 0030N 0360E 011
417	NV105282330	CL 348		9/20/2021	21 0030N 0360E 011
418	NV105282331	CL 349		9/20/2021	21 0030N 0360E 011
419	NV105282332	CL 350		9/20/2021	21 0030N 0360E 011
420	NV105282333	CL 351		9/20/2021	21 0030N 0360E 011
421	NV105282334	CL 352		9/20/2021	21 0030N 0360E 011
422	NV105282335	CL 353		9/20/2021	21 0030N 0360E 011
423	NV105282336	CL 354		9/20/2021	21 0030N 0360E 011
424	NV105282337	CL 355		9/20/2021	21 0030N 0360E 011
425	NV105282338	CL 356		9/20/2021	21 0030N 0360E 014
426	NV105282339	CL 357		9/20/2021	21 0030N 0360E 014
427	NV105282340	CL 358		9/20/2021	21 0030N 0360E 014
428	NV105282341	CL 359		9/20/2021	21 0030N 0360E 014
429	NV105282342	CL 360		9/20/2021	21 0030N 0360E 014
430	NV105282343	CL 361		9/20/2021	21 0030N 0360E 014
431	NV105282344	CL 362		9/20/2021	21 0030N 0360E 014
432	NV105282345	CL 363		9/20/2021	21 0030N 0360E 014
433	NV105282346	CL 364		9/20/2021	21 0030N 0360E 014
434	NV105282347	CL 365		9/20/2021	21 0030N 0360E 014
435	NV105282348	CL 366		9/20/2021	21 0030N 0360E 003
436	NV105282349	CL 367		9/25/2021	21 0030N 0360E 001
437	NV105282350	CL 368		9/25/2021	21 0030N 0360E 001
438	NV105282351	CL 369		9/25/2021	21 0030N 0360E 001

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439	NV105282352	CL 370		9/25/2021	21 0030N 0360E 001
440	NV105282353	CL 371		9/25/2021	21 0030N 0360E 002
441	NV105282354	CL 372		9/25/2021	21 0030N 0360E 002
442	NV105282355	CL 373		9/25/2021	21 0030N 0360E 002
443	NV105282356	CL 374		9/25/2021	21 0030N 0360E 002
444	NV105282357	CL 375		9/25/2021	21 0030N 0360E 001
445	NV105282358	CL 376		9/25/2021	21 0030N 0360E 001
446	NV105282359	CL 377		9/25/2021	21 0030N 0360E 001
447	NV105282360	CL 378		9/25/2021	21 0030N 0360E 001
448	NV105282361	CL 379		9/25/2021	21 0030N 0360E 012
449	NV105282362	CL 380		9/25/2021	21 0030N 0360E 012
450	NV105282363	CL 381		9/25/2021	21 0030N 0360E 012
451	NV105282364	CL 382		9/25/2021	21 0030N 0360E 012
452	NV105282365	CL 383		9/25/2021	21 0030N 0360E 011
453	NV105282366	CL 384		9/25/2021	21 0030N 0360E 011
454	NV105282367	CL 385		9/25/2021	21 0030N 0360E 012
455	NV105282368	CL 386		9/25/2021	21 0030N 0360E 012
456	NV105282369	CL 387		9/25/2021	21 0030N 0360E 012
457	NV105282370	CL 388		9/25/2021	21 0030N 0360E 012
458	NV105282371	CL 389		9/25/2021	21 0030N 0360E 012
459	NV105282372	CL 390		9/25/2021	21 0030N 0360E 012
460	NV105282373	CL 391		9/25/2021	21 0030N 0360E 012
461	NV105282374	CL 392		9/25/2021	21 0030N 0360E 012
462	NV105282375	CL 393		9/25/2021	21 0030N 0360E 012
463	NV105282376	CL 394		9/25/2021	21 0030N 0360E 012
464	NV105282377	CL 395		9/25/2021	21 0030N 0360E 011
465	NV105282378	CL 336B		9/25/2021	21 0030N 0360E 014
466	NV105282379	CL 337B		9/25/2021	21 0030N 0360E 014
467	NV105282380	CL 338B		9/25/2021	21 0030N 0360E 016
468	NV105282381	CL 339B		9/25/2021	21 0030N 0360E 016
469	NV105282382	CL 340B		9/25/2021	21 0030N 0360E 016
470	NV105282383	CL 397		9/25/2021	21 0030N 0360E 012
471	NV105282384	CL 398		9/25/2021	21 0030N 0360E 012
472	NV105282385	CL 399		9/25/2021	21 0030N 0360E 012
473	NV105282386	CL 400		9/25/2021	21 0030N 0360E 012
474	NV105282387	CL 401		9/25/2021	21 0030N 0360E 013
475	NV105282388	CL 402		9/25/2021	21 0030N 0360E 013
476	NV105282389	CL 403		9/25/2021	21 0030N 0360E 013
477	NV105282390	CL 404		9/25/2021	21 0030N 0360E 013
478	NV105282391	CL 405		9/25/2021	21 0030N 0360E 014
479	NV105282392	CL 406		9/25/2021	21 0030N 0360E 013
480	NV105282393	CL 407		9/25/2021	21 0030N 0360E 013
481	NV105282394	CL 408		9/25/2021	21 0030N 0360E 013

	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
482	NV105282395	CL 409		9/25/2021	21 0030N 0360E 013
483	NV105282396	CL 410		9/25/2021	21 0030N 0360E 013
484	NV105282397	CL 411		9/25/2021	21 0030N 0360E 013
485	NV105282398	CL 412		9/25/2021	21 0030N 0360E 013
486	NV105282399	CL 413		9/25/2021	21 0030N 0360E 013
487	NV105282400	CL 414		9/20/2021	21 0030N 0360E 013
488	NV105282401	CL 415		9/20/2021	21 0030N 0360E 013
489	NV105282402	CL 417		9/25/2021	21 0030N 0360E 013
490	NV105282403	CL 418		9/25/2021	21 0030N 0360E 013
491	NV105282404	CL 419		9/25/2021	21 0030N 0360E 013
492	NV105282405	CL 429		9/25/2021	21 0030N 0360E 024
493	NV105282406	CL 430		9/25/2021	21 0030N 0360E 024
494	NV105282407	CL 436		9/25/2021	21 0030N 0360E 025
495	NV105282408	CL 437		9/25/2021	21 0030N 0360E 025
496	NV105282409	CL 441		9/25/2021	21 0030N 0360E 025
497	NV105282410	CL 442		9/25/2021	21 0030N 0360E 025
498	NV105282411	CL 444		9/20/2021	21 0030N 0360E 016
499	NV105282412	CL 445		9/20/2021	21 0030N 0360E 016
500	NV105282413	CL 446		9/20/2021	21 0030N 0360E 016
501	NV105282414	CL 447		9/20/2021	21 0030N 0360E 016
502	NV105282415	CL 448		9/20/2021	21 0030N 0360E 016
503	NV105282416	CL 449		9/20/2021	21 0030N 0360E 016
504	NV105282417	CL 450		9/20/2021	21 0030N 0360E 016
505	NV105282418	CL 451		9/20/2021	21 0030N 0360E 016
506	NV105282419	CL 452		9/20/2021	21 0030N 0360E 016
507	NV105282420	CL 453		9/20/2021	21 0030N 0360E 009
508	NV105282421	CL 454		9/20/2021	21 0030N 0360E 009
509	NV105282422	CL 456		9/25/2021	21 0030N 0360E 002
510	NV105282423	CL 457		9/25/2021	21 0030N 0360E 002
511	NV105282424	CL 458		9/25/2021	21 0030N 0360E 001
512	NV105282425	CL 459		9/25/2021	21 0030N 0360E 001
513	NV105282426	CL 465		9/25/2021	21 0030N 0360E 002
514	NV105282428	CL 467		9/20/2021	21 0030N 0360E 003
515	NV105282429	CL 468		9/20/2021	21 0030N 0360E 003
516	NV105282430	CL 469		9/20/2021	21 0030N 0360E 003
517	NV105282431	CL 474		9/20/2021	21 0030N 0360E 009
518	NV105282432	CL 475		9/20/2021	21 0030N 0360E 016
519	NV105282433	CL 476		9/20/2021	21 0030N 0360E 016
520	NV105282434	CL 477		9/20/2021	21 0030N 0360E 016
521	NV105282435	CL 600		9/21/2021	21 0020N 0360E 020
522	NV105282436	CL 601		9/21/2021	21 0020N 0360E 020
523	NV105282437	CL 602		9/21/2021	21 0020N 0360E 020
524	NV105282438	CL 603		9/21/2021	21 0020N 0360E 020



	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
525	NV105282439	CL 604		9/21/2021	21 0020N 0360E 017
526	NV105282440	CL 605		9/21/2021	21 0020N 0360E 017
527	NV105282441	CL 606		9/21/2021	21 0020N 0360E 017
528	NV105282442	CL 607		9/21/2021	21 0020N 0360E 017
529	NV105282443	CL 608		9/21/2021	21 0020N 0360E 017
530	NV105282444	CL 609		9/21/2021	21 0020N 0360E 017
531	NV105282445	CL 610		9/21/2021	21 0020N 0360E 017
532	NV105282446	CL 611		9/21/2021	21 0020N 0360E 017
533	NV105282447	CL 612		9/21/2021	21 0020N 0360E 017
534	NV105282448	CL 613		9/21/2021	21 0020N 0360E 017
535	NV105282449	CL 614		9/21/2021	21 0020N 0360E 017
536	NV105282450	CL 615		9/21/2021	21 0020N 0360E 017
537	NV105282451	CL 616		9/24/2021	21 0020N 0360E 005
538	NV105282452	CL 617		9/24/2021	21 0020N 0360E 005
539	NV105282453	CL 618		9/24/2021	21 0020N 0360E 005
540	NV105282454	CL 619		9/24/2021	21 0020N 0360E 005
541	NV105282455	CL 620		9/24/2021	21 0020N 0360E 005
542	NV105282456	CL 621		9/24/2021	21 0020N 0360E 005
543	NV105282457	CL 622		9/24/2021	21 0020N 0360E 005
544	NV105282458	CL 623		9/24/2021	21 0020N 0360E 005
545	NV105282459	CL 624		9/24/2021	21 0030N 0360E 032
546	NV105282460	CL 625		9/24/2021	21 0030N 0360E 032
547	NV105282461	CL 626		9/24/2021	21 0030N 0360E 032
548	NV105282462	CL 627		9/24/2021	21 0030N 0360E 032
549	NV105282463	CL 628		9/24/2021	21 0030N 0360E 032
550	NV105282464	CL 629		9/24/2021	21 0030N 0360E 032
551	NV105282465	CL 630		9/24/2021	21 0030N 0360E 032
552	NV105282466	CL 631		9/24/2021	21 0030N 0360E 032
553	NV105282467	CL 632		9/24/2021	21 0030N 0360E 032
554	NV105282468	CL 633		9/24/2021	21 0030N 0360E 032
555	NV105282469	CL 634		9/24/2021	21 0030N 0360E 032
556	NV105282470	CL 635		9/24/2021	21 0030N 0360E 032
557	NV105282471	CL 636		9/24/2021	21 0030N 0360E 032
558	NV105282472	CL 637		9/24/2021	21 0030N 0360E 032
559	NV105282473	CL 638		9/24/2021	21 0030N 0360E 032
560	NV105282474	CL 639		9/24/2021	21 0030N 0360E 032
561	NV105282475	CL 640		9/24/2021	21 0030N 0360E 029
562	NV105282476	CL 641		9/24/2021	21 0030N 0360E 029
563	NV105282477	CL 642		9/24/2021	21 0030N 0360E 029
564	NV105282478	CL 643		9/24/2021	21 0030N 0360E 029
565	NV105282479	CL 644		9/24/2021	21 0030N 0360E 029
566	NV105282480	CL 645		9/24/2021	21 0030N 0360E 029
567	NV105282481	CL 646		9/24/2021	21 0030N 0360E 029

	Serial Number	Claim Name	Legacy Serial Number	Date Of Location	Meridian Township Range Section
568	NV105282482	CL 647		9/24/2021	21 0030N 0360E 029
569	NV105282483	CL 648		9/24/2021	21 0030N 0360E 020
570	NV105282484	CL 649		9/24/2021	21 0030N 0360E 020
571	NV105282485	CL 650		9/24/2021	21 0030N 0360E 020
572	NV105282486	CL 651		9/24/2021	21 0030N 0360E 020
573	NV105820335	GS 101		2/5/2023	21 0020N 0360E 029
574	NV105820336	GS 102		2/5/2023	21 0020N 0360E 029
575	NV105820337	GS 103		2/5/2023	21 0020N 0360E 028
576	NV105820338	GS 104		2/5/2023	21 0020N 0360E 028
577	NV105820339	GS 105		2/5/2023	21 0020N 0360E 032
578	NV105820340	GS 106		2/5/2023	21 0020N 0360E 032
579	NV105820341	GS 107		2/5/2023	21 0020N 0360E 033
580	NV105820342	GS 108		2/5/2023	21 0020N 0360E 032
581	NV105820343	GS 109		2/5/2023	21 0020N 0360E 032
582	NV105820344	GS 110		2/5/2023	21 0020N 0360E 033
583	NV105820345	GS 111		2/5/2023	21 0020N 0360E 032
584	NV105820346	GS 112		2/5/2023	21 0020N 0360E 032
585	NV105820347	GS 113		2/5/2023	21 0020N 0360E 032
586	NV105820348	GS 114		2/5/2023	21 0020N 0360E 032
587	NV105820349	GS 115		2/5/2023	21 0010N 0360E 005
588	NV105820350	GS 116		2/5/2023	21 0010N 0360E 005
589	NV105820351	GS 117		2/5/2023	21 0010N 0360E 005
590	NV105820352	GS 118		2/5/2023	21 0010N 0360E 005
591	NV105829410	CL 4665		4/25/2023	21 0030N 0360E 003

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## **Appendix B: Reclamation Cost Estimate**

February 1, 2024		Notice Level Exploration Reclamation Cost Model From SRCE Cost Data with Average Calculators				SRCE 2023 Cost Data Version 3.2			
		Columbus Basin Lithium Brine Project							
Linear Feet of Road On a Side Slope	Linear Feet	Item	Labor Cost	Manpower	Equipment	Materials	Cost/Linear Foot	Road Reclamation	
<30%	520	Recontouring Cost <30%	\$56	\$0.11	\$0.19	\$0.00	\$0.30	\$153	
>30%		Recontouring Cost >30%	\$0	\$0.43	\$0.75	\$0.00	\$1.18	\$0	
Drill Sites and Sumps	Number						Cost each	Pad& Sump Reclamation	
Drill Sites < 30% slopes	7	Recontouring Cost	\$203	\$29.00	\$49.80	\$0.00	\$78.80	\$552	
Drill Sites > 30% slopes		Recontouring Cost	\$0	\$173.80	\$288.80	\$0.00	\$472.60	\$0	
Drill Sites Cross Country		Ripping Cost	\$0	\$14.20	\$35.60	\$0.00	\$49.80	\$0	
Sumps	7	Recontouring Cost	\$135	\$19.33	\$33.20	\$0.00	\$52.53	\$368	
Trenches	Linear Feet						Cost/Linear Foot	Reclamation	
Cross Country Travel	5,000	Recontouring Cost	\$0	\$1.19	\$2.62	\$0.00	\$3.81	\$0	
		Ripping Cost	\$71	\$0.01	\$0.04	\$0.00	\$0.05	\$249	
Revegetation	Slope Acres						Cost/Acre		
Total Revegetation Acres	1.45	Revegetation Cost	\$254	\$175.00	\$100.00	\$332.75	\$607.75	\$683	
150 miles Mobilization							Cost/Acre		
150 miles Mobilization		Mobilization Cost-excavator	\$844	\$843.64	\$980.36		\$1,834	\$1,834	
		Mobilization Cost-dozer	\$572	\$572.46	\$790.54		\$1,363	\$1,363	
Drill Holes Open	#/Feet						Cost/Feet	Drill Hole Plugging	
Feet of Open Holes - Wet	1000	Plugging Cost - Wet	\$654	\$0.65	\$0.69	\$0.52	\$1.86	\$1,856	
Feet of Open Holes - Dry		Plugging Cost - Dry	\$0	\$0.75	\$0.32	\$0.01	\$1.08	\$0	
Feet of Casing to Pull	1000	Pulling Casing	\$883	\$0.88	\$0.97	\$0.00	\$1.85	\$1,851	
150 miles Mobilization							Cost/Acre		
150 miles Mobilization		Mobilization Cost - Wet	\$611	\$610.92	\$1,066.08		\$1,687	\$1,687	
		Mobilization Cost - Dry	\$0	\$917.15	\$493.85		\$1,411	\$0	
Disturbance Type	Total Acres	Total Linear Feet	Slope Acres					Total Reclamation Cost	
Roads	0.21	520	0.21					\$10,806	
Drill Sites	0.43		0.44						
Sumps	0.11								
Trenches	0.00		0.11						
Cross Country	0.68		0.00						
<b>total Notice acres</b>	<b>1.44</b>	<b>total slope acres</b>	<b>1.45</b>					<b>Total Labor</b>	<b>\$4,284</b>
green cells with blue font is for user input		Indirect Costs							
yellow cells are unit costs		Contingency						10% Total Reclamation Cost	\$0
black font cannot be changed		Insurance						1.5% Labor Cost	\$64
red font are calculated values with formulas		Perf. And Payment Bonds*						3% Total Reclamation Cost	\$0
that can not be changed		Contractor Profit						10% Total Reclamation Cost	\$1,081
		Contract Administration						10% Total Reclamation Cost	\$1,081
		Indirect Costs						21% of Contract Administration Cost	\$227
								<b>Total Administration Cost</b>	<b>\$2,452</b>
* Contingency and Performance and payment Bonds required only if total reclamation cost > \$100,000								<b>Financial Guarantee Amount</b>	<b>\$13,258</b>
Notes									
See Notice for explanation of road and cross country disturbance									
RC holes will be ~1,000 ft									
Drill pads will be approx. 120x120'. Square footage was used to determine number of drill sites within this model. Drill pads will overlap with constructed road.									
Number of drill sites = ((120x110x1)/((30x70x1)) rounded up to the nearest whole number.									

Bureau of Land Management Notice Level Reclamation Cost Estimation Worksheet	
Costs for this Notice Level Reclamation Cost Estimator are based on values and assumptions used in the Standardized Reclamation Cost Estimator (SRCE) Version 1.4.1. Cost Data are from August 1, 2023. This worksheet is simpler than the SRCE and does not allow the flexibility of entering project specific information in some situations. The model will generate approximately the same reclamation costs as the SRCE model if the same inputs and assumptions are applied. Below are the methods and assumptions used by this model to generate a Financial Guarantee Amount.	
1.	There are two side hill slope categories used for all calculations in this worksheet. All slopes under 30% (<30%) are assumed to have a slope of 20%. All slopes over 30% (>30%) are assumed to have a slope of 40% and include an additional 50% of volume for double-handling.
2.	All Roads in this worksheet are assumed to have a 14 foot wide dimension across the flat "driveable" part of the road without any safety berms.
3.	All Drill Sites in this worksheet are assumed to be 30 feet wide. For Drill Sites on slopes <30% they are 70 feet long. For Drill Sites on slopes >30% they are 83 feet long
4.	All Road and Drill Sites cut berms are assumed to have a 60 degree slope.
5.	All Road and Drill Sites fill slopes are assumed to have an angle of repose of 1.4H:1V or about 70% slope equal to a 35 degree angle
6.	Roads are linear features and the units required for input to this worksheet are in linear feet.
7.	Recontouring for reclamation of Roads, Drill Sites, and Sumps is done with a track excavator of a Cat 320C size with a 1.57 CY bucket and productivity of 167 CY per hour.
8.	Equipment operator Manpower cost is based on Davis-Bacon wage rates for Northern Nevada Area pay= \$0.00 per hour. FICA = 7.65%, Unemployment = 3% and Workmen's Comp= 12.3%
9.	Laborer cost is based on Davis-Bacon wage rates for Northern Nevada with FICA = 7.65%, Unemployment = 3% and Workmen's Comp= 13.5%
10.	Revegetation cost is based on the cost of use of a quad/ATV which spreads and drags the seed in on one pass.
11.	Revegetation costs are based on a per acre basis for slope acres.
12.	Drill Sites recontouring cost is based on a standard pad width and length. Drill Sites on slopes <30% and Cross Country Drill Sites are 30 feet wide by 70 feet long.
13.	On Cross Country Drill Sites, the disturbed area is ripped by a Cat D7 size dozer. One Sump is assumed for each Drill Site. The assumed dimensions are 10 feet wide, 20 feet long and 6.75 feet deep. (50 CY)
14.	Trenches are assumed to be 14 feet wide by 5 feet deep with 10 feet extra width for the spoils pile. A D6 is used for recontour at 208 CY/ hour productivity. On Drill Sites <30% slopes they are assumed to lie within the 30 foot * 63 foot dimension of the Drill Site.
15.	Recontouring earthwork for Roads Drill Sites and Sumps has an assumed swell factor of 20%. Trenches swell factor is 30%.
16.	Cross Country travel is assumed to have a disturbance of 6 feet wide by the linear feet of travel on slopes under 10%. Revegetation costs for all Cross Country disturbance is based on a 12 foot wide seeding width on one pass
17.	Mobilization and Demobilization are based on 150 miles one way to project and are based on the 2023 Mob/DeMob worksheet. Travel times are assumed to be 2.73 hours one way to the project.
18.	Mobilization for a Cat 320C excavator will be charged for regrading of Roads, Drill Sites only. If there are any Trenches or Cross Country disturbance; a D6 dozer will be mobilized also.
19.	All projects that propose drilling will require a minimum Drill Holes Open abandonment cost. If a drill hole will not penetrate the static water level it may be abandoned as an Open Hole - Dry
20.	If a drill hole is drilled deeper than the static water level it is considered a wet hole and must be abandoned as an Open Hole - Wet.
21.	Mobilization for Drill Holes - Open for Open Hole - Wet will include one drilling plus crew and support equipment.
21.	Mobilization for Drill Holes - Dry will include one backhoe and operator, and one general laborer.

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## **Appendix C: DMRE Well Permit Application**