Final Environmental Impact Statement
Thacker Pass Lithium Mine Project

Appendix C

Exploration Plan of Operations

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APPENDIX C. EXPLORATION PLAN OF OPERATIONS

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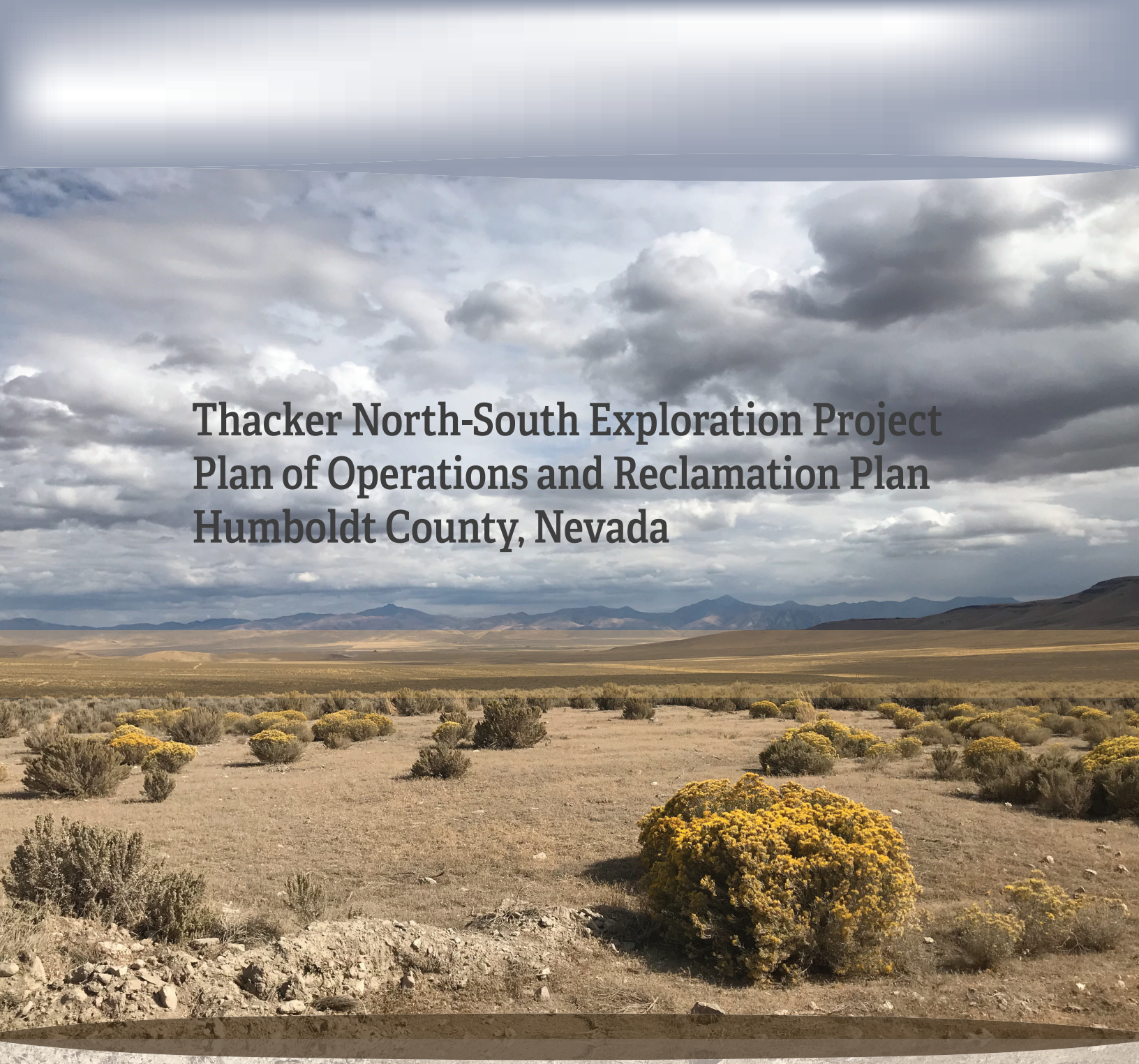
Thacker North-South Exploration Project
Plan of Operations and Reclamation Plan
Humboldt County, Nevada



LithiumNevada

JULY 2019

Thacker North - South Exploration Project

Proposed Plan of Operations and Reclamation Plan

Permit Application

July 2019

Submitted to:

Bureau of Land Management

Winnemucca District

Humboldt River Field Office

5100 East Winnemucca Boulevard

Winnemucca, Nevada 89445

Nevada Division of Environmental Protection

Bureau of Mining Regulation and Reclamation

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Appendix A Mining Claim Information
Appendix B Reclamation Cost Estimate

List of Acronyms

BLM	Bureau of Land Management
BMP	Best Management Practices
BMRR	Bureau of Mining Regulation and Reclamation
CFR	Code of Federal Regulations
°F	Fahrenheit
IM	Instruction Memorandum
LAC	Lithium Americas Corporation
LNC	Lithium Nevada Corporation
MOU	Memorandum of Understanding
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NDWR	Nevada Division of Water Resources
NDOT	Nevada Department of Transportation
NEPA	National Environmental Policy Act
NOI	Notice of Intent
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRP	Nevada Reclamation Permit
PoO	Plan of Operations
Project	Thacker North - South Exploration Project
SDS	Safety Data Sheet
RCRA	Resource Conservation and Recovery Act
USACE	U.S. Army Corps of Engineers
USFS	United States Forest Service

1 Introduction

Lithium Nevada Corporation (LNC) proposes to continue exploration activities associated with the Thacker North - South Exploration Project (Project) located on public lands in northern Humboldt County, Nevada, as shown on Figures 1 and 2.

This Exploration Plan of Operations (PoO) and Reclamation Permit Application is submitted as a single document to the Bureau of Land Management (BLM), Winnemucca District Office, and the Nevada Division of Environmental Protection (NDEP) Bureau of Mining Regulation and Reclamation (BMRR). This PoO is submitted in accordance with BLM Surface Management Regulations 43 Code of Federal Regulations (CFR) 3809, as amended, Surface Occupancy regulations under 43 CFR 3715, and Nevada reclamation regulations at Nevada Administrative Code (NAC) 519A. The format for this PoO is consistent with the State of Nevada Reclamation Permit (NRP) Application requirements which have been determined to be acceptable to the BLM for their plans of operations in accordance with the Memorandum of Understanding (MOU) between the BLM, NDEP, and United States Forest Service (USFS).

LNC plans to use both a phased Project surface disturbance, as well as phased Project bonding. The proposed PoO boundary is shown on Figures 1 and 2. The proposed PoO boundary, which is referred to herein as the "Project Area," encompasses a total of approximately 7,727 acres; 1,609 acres represents the North Exploration area and 6,118 acres represents the South Exploration area. Within the Project Area, LNC proposes a total of 150 acres of exploration-related disturbance. LNC will perform exploration within the Project Boundary through year 2061. This Exploration PoO incorporates the 293 South Notice of Intent (NOI), the Far East NOI, and all existing disturbance under these permits, as summarized in Table 1. Approval of this Exploration PoO will terminate the 293 South NOI and Far East NOI, closing the case files. This PoO also incorporates Work Plan 1 encompassing a total proposed disturbance of 3.5 acres. Work Plan 1 includes construction of approximately 10,435 linear feet of roads to access 14 new drill sites within the Project Area.

All proposed exploration activities will occur within the Project Area defined in this PoO. LNC anticipates additional exploration-related disturbance within the Project Area beyond Work Plan 1. Surface disturbance beyond the proposed Work Plan 1 cannot be specified at this time because the specific locations for activities under subsequent phases will be based on results of the exploration activities outlined under the current work plan for the Project. A total of 9.3 acres of surface disturbance, including 5.8 acres of existing disturbance and the 3.5 acres of disturbance proposed under Work Plan 1 (Table 1), will be bonded under Work Plan 1.

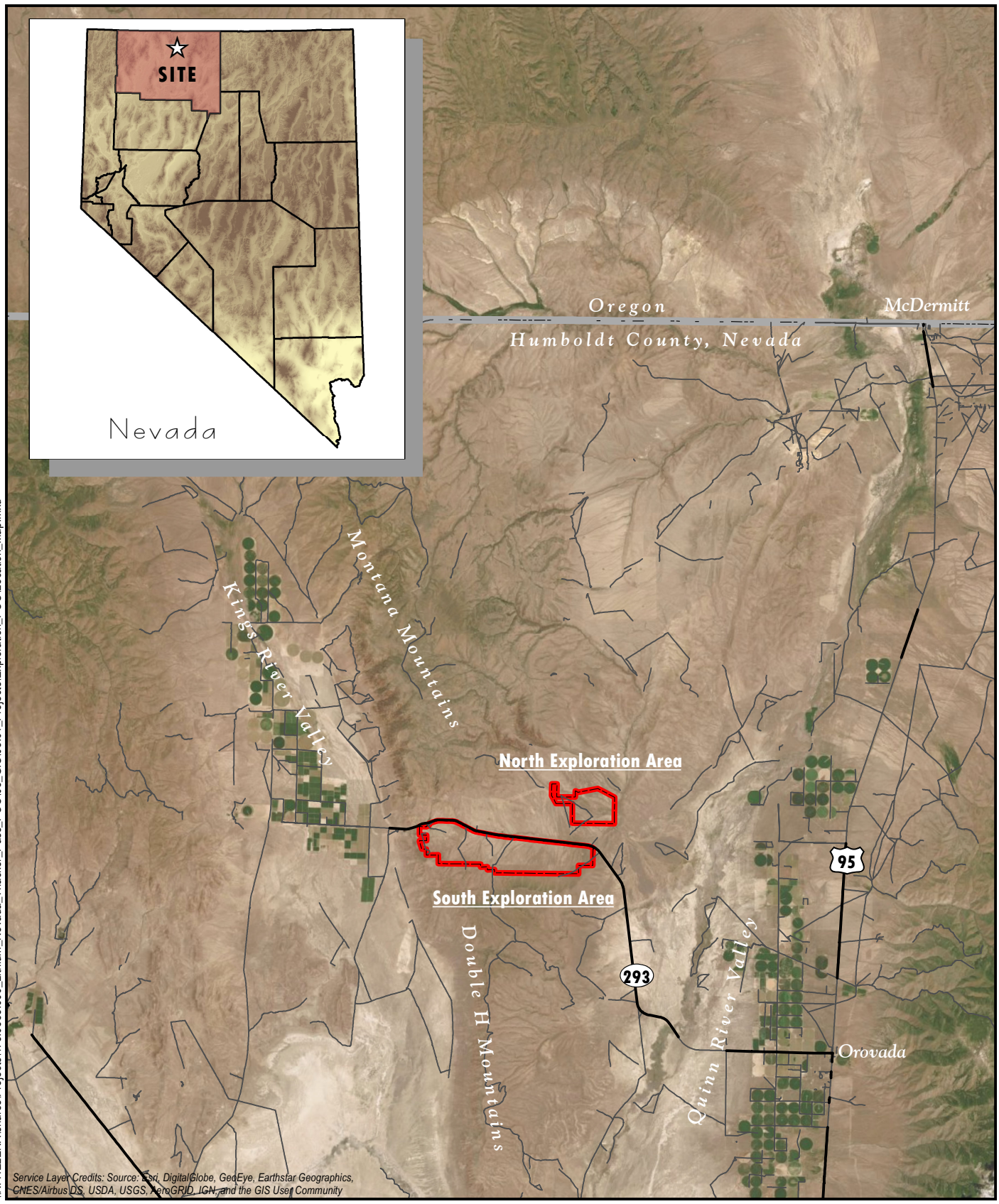
Table 1: Existing and Proposed Project-Related Surface Disturbance

Exploration Activity	Notice Level Existing Disturbance (acres)	Proposed Disturbance (acres)		Total Disturbance (acres)
		Work Plan 1	Subsequent Work Plans	
Roads (12 feet wide)	3.5	2.9	63.6	70.0
Overland travel (six feet wide)	0.7	0.0	39.3	40.0
Drill pads (30 x 60 feet)	1.5	0.6	27.8	29.9
Drill pads (18 x 60 feet)	0.1	0.0	0.0	00.1
Bulk sample excavations and/or trenches	0.0	0.0	10.0	10.0
Total	5.8[1]	3.5	140.7	150.0

Note:
[1]: Existing disturbance includes 0.5 acres permitted under the Far East NOI (N95396) and 5.3 acres of actual disturbance associated with the 293 South NOI (N95388), of which 4.7 acres was permitted.

Subsequent phases of surface disturbance will address LNC's activities for future exploration and baseline environmental data collection. These phased activities will be included in work plan submittals to the BLM, and will be based on the success of previously completed exploration activities. The work plans will include maps that show the location of proposed surface disturbance to ensure that all eligible and unevaluated cultural resources or any other sensitive resources are avoided.

Current and future work plan submittals will also be delivered to the BMRR to ensure that the permit applications are complete. Should a work plan submittal result in an increase in the amount of the bond, a request for a minor modification to the NRP will be included in the work plan submittal. LNC will also, on or before April 15, submit to the BMRR an annual report on exploration activities for the previous year, using the BMRR reporting form that outlines surface disturbance and reclamation activities, as well as an associated as-built map.



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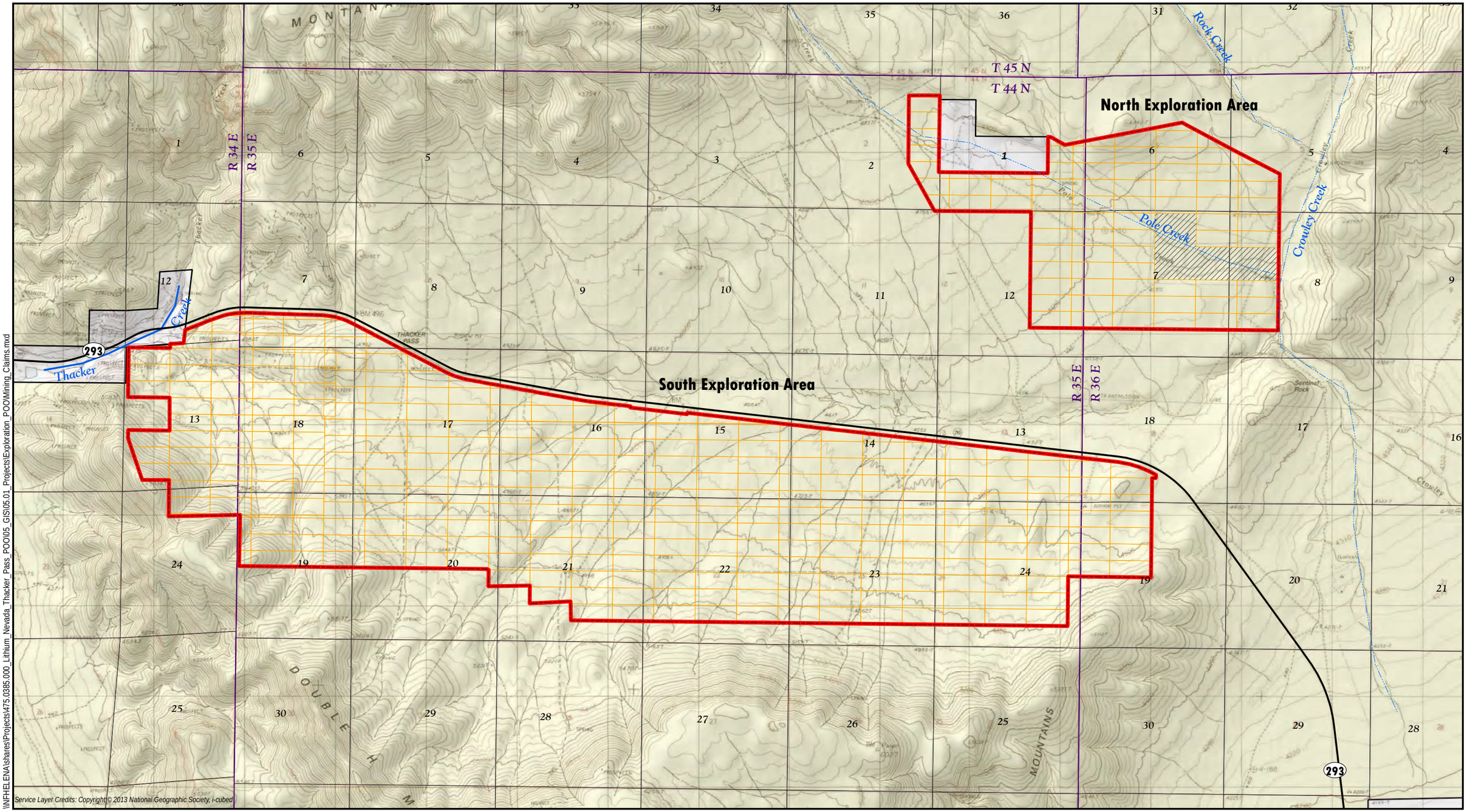
Exploration Plan of Operations Boundary

Nevada DOT Roads

Other Roads

Location Map
Thacker North - South Exploration Project
Humboldt County, Nevada
FIGURE 1



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0 1 Miles

LithiumNevada

- Exploration Plan of Operations Boundary
- Bureau of Land Management
- (Note: All other surface ownership is private.)
- Mining Claim Boundaries
- LNC Not in Control of Mineral Estate in This Area
- Nevada DOT Roads
- Perennial Stream
- Ephemeral Stream
- (Source:Piteau Associates)

Land Ownership and Mining Claims Map
Thacker North - South Exploration Project
Humboldt County, Nevada
FIGURE 2

2 Operator Information

LNC is a Nevada Corporation and a wholly owned subsidiary of Lithium Americas Corporation (LAC).

The Thacker North - South Exploration Project is 100 percent owned by LNC.

2.1 Individual Completing Application

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2.4 Nevada Registered Agent

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2.5 Taxpayer Identification Number

Federal Tax Identification Number will be provided in a separate document.

2.6 Claim Information and Land Status

Mining claim information within the Project Area can be found in Appendix A and Figure 2. All mining claims are owned or controlled by LNC. All lands within the Project Area are public lands administered by BLM, as shown on Figure 2.

3 Description of Thacker North - South Exploration Project

The Thacker North – South Exploration Project proposes exploration disturbances adjacent to the proposed Thacker Pass Project PoO boundary. The exploration program seeks to explore geologic targets located northeast of the proposed Thacker Pass Project boundary (North Exploration Area) and south of State Route 293 (South Exploration Area) as shown on Figures 1 and 2. LNC is pursuing authorization for exploration activities independently of the Thacker Pass Project (Plan of Operations and Reclamation Plan currently being proposed under a separate permit application) in consideration of the need to continue resource exploration activities. LNC will use a phased approach to minimize adverse environmental impacts and to prevent unnecessary and undue degradation of public lands. Road use and locations of drilling activities will be dependent upon the results of each phase of exploration. A work plan describing activities for the upcoming season (or as often as changes are made to the authorized work plan), including a map showing specific locations of drill sites, road alignments, water conveyance and storage, monitoring locations, or ancillary facilities, will be submitted prior to preparation of drill sites, access roads, or other facilities.

This Exploration PoO presents all proposed activities and disturbance required to perform work under Work Plan 1. All proposed exploration activities will occur within the Exploration PoO boundary that was assessed for baseline adequacy and preliminary impact analysis concurrently with the Thacker Pass Project Plan of Operations and Reclamation Plan development process.

The need for flexibility of road and drill site placement during the Project is of paramount importance and warranted by the very nature of exploration drilling. The order in which the sites will be drilled will be determined based on the lithologic and assay results as the exploration progresses.

Additional information for proposed exploration activities is presented below.

3.1 Project Location

The Project is located in northern Nevada within Humboldt County, approximately 20 miles west-northwest of Orovada, Nevada and 62 miles north-northwest of Winnemucca, Nevada (Figure 1). The Project site is situated between: Kings River Valley to the west, Montana Mountains to the north, and Double H Mountains to the south (Figure 1). The proposed PoO boundary for the North and South area is shown on Figures 1 and 2. Encompassing approximately 1,609 acres within the North Exploration Area and 6,118 acres within the South Exploration area, the Project sits at the southern end of the McDermitt Caldera Complex in Township 44 North (T44N), Range 34 East (R34E) within Sections 12, 13, and 24; T44N, R35E within Sections 1, 2, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24; and T44N, R36E within Sections 5, 6, 7, 8, 18, and 19 (Figure 2).

3.1.1 Access Roads

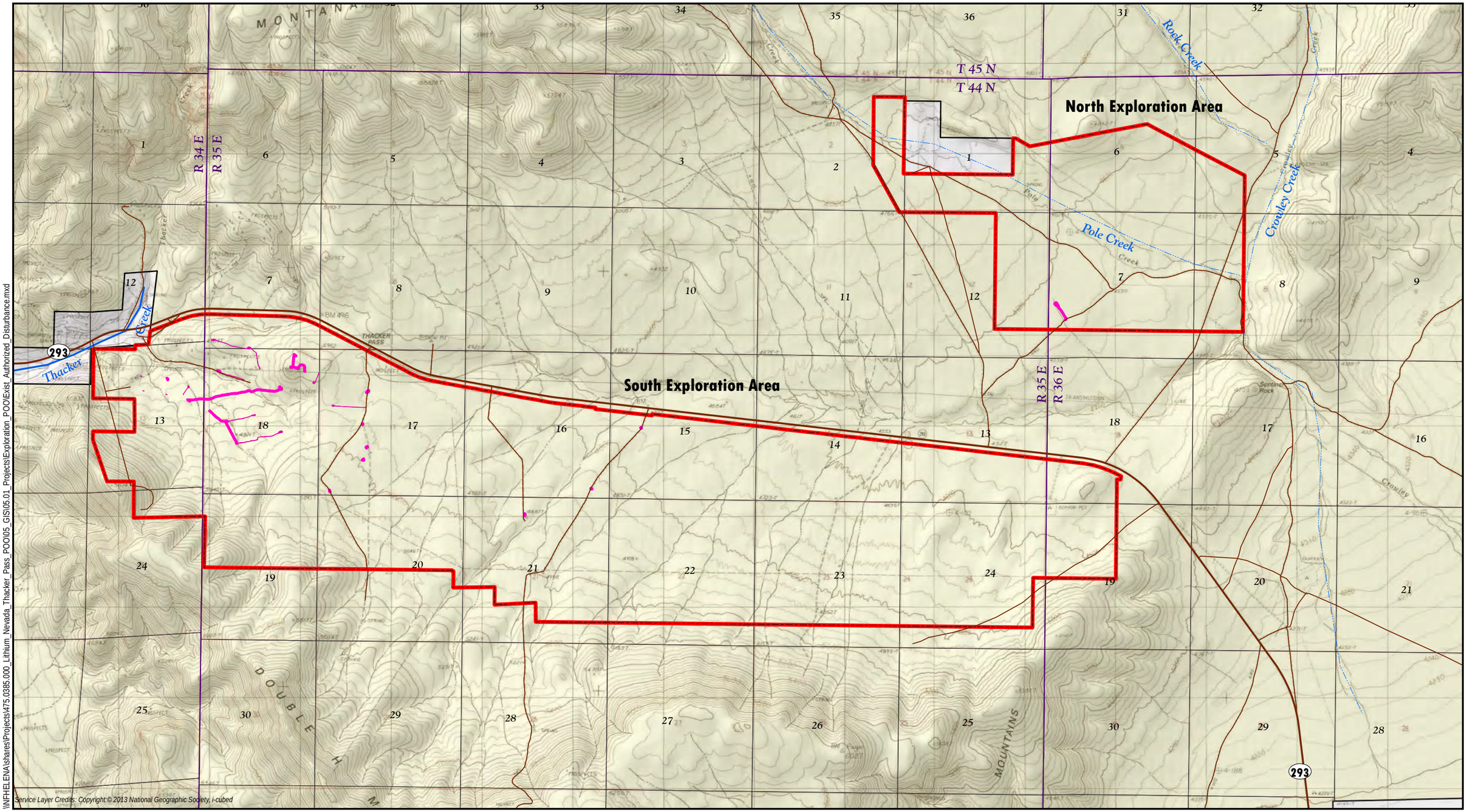
Under Work Plan 1, the main access road to the site connects to State Route 293 and enters the South Exploration Area from the north and the North Exploration area from the south. Access to the North and South Exploration areas will use existing roads or existing disturbed areas to the extent possible. Existing access roads are shown on Figure 3. Additional overland travel and/or bladed roads to access drill sites within the North and South Exploration areas are proposed within Work Plan 1 and shown on Figure 4. Access roads for subsequent work plans will continue to use the existing road network to the extent possible. Any additional access roads required beyond Work Plan 1 will be described in subsequent work plans.

3.1.2 Climate

Northern Nevada has a high-desert climate with considerable diurnal and seasonable variation in temperatures. The regional average minimum temperature in January is 27 degrees Fahrenheit (°F). Summer temperatures reach up to 95 to 105°F (Advisian 2018). LNC has continuously operated a meteorological station on the adjacent Thacker Pass Project site since 2011. The station collects temperature, precipitation, wind speed and direction, solar radiation, and relative humidity. Temperatures recorded at the meteorological station between 2011 and 2017 range from 0 to 99°F (Advisian 2018).

The area is generally dry, with annual precipitation ranging from 8.6 inches during 2013 to 15.7 inches during 2015. Winter precipitation (December to February) is higher with total precipitation ranging from 0.3 to 3.7 inches. Snow can occur from October to May. Summer (June to August) precipitation is lower, ranging from 0 to 1.3 inches (Advisian 2018).

Wind predominantly blows from westerly directions in the Project Area (Advisian 2018). Hourly average wind speeds are higher in the spring and summer months (March through August), with a maximum average monthly wind speed of 11.4 miles per hour observed at the meteorological station between 2011 and 2017 (Advisian 2018).



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0 1 Miles

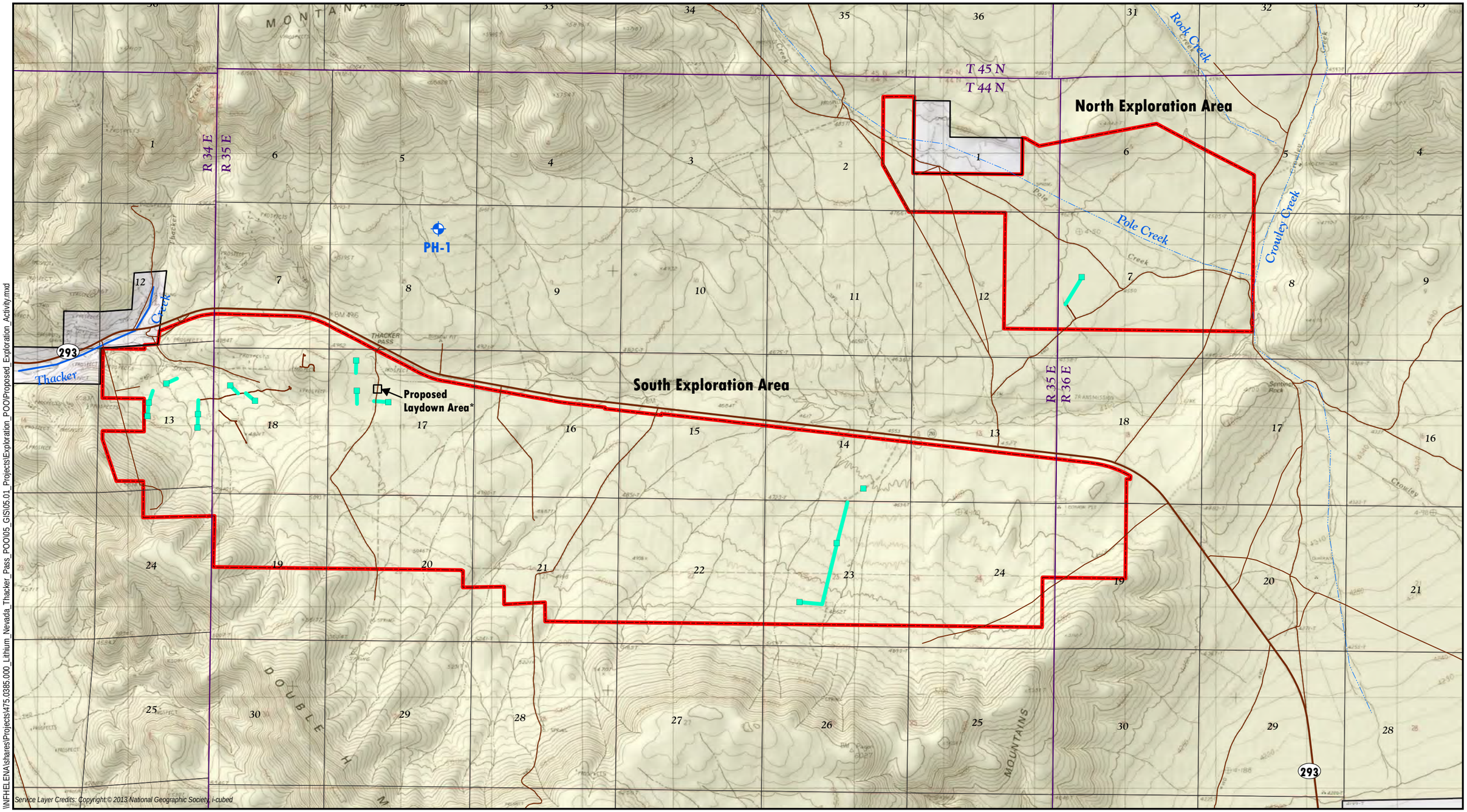
LithiumNevada

- Exploration Plan of Operations Boundary
- Existing Roads
- Bureau of Land Management

(Note: All other surface ownership is private.)

- Existing Authorized Disturbance
- Perennial Stream
- Ephemeral Stream (Source:Piteau Associates)

Existing Authorized Disturbance and Access Roads
Thacker North - South Exploration Project
Humboldt County, Nevada
FIGURE 3



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LithiumNevada

* - Proposed laydown area is located on previously approved disturbance shown in Figure 3.

- Exploration Plan of Operations Boundary
- Existing Roads
- Bureau of Land Management

(Note: All other surface ownership is private.)

- Proposed Drillhole Locations
- Proposed Roads
- Thacker Pass Project Well For Exploration Activities
- Perennial Stream
- Ephemeral Stream (Source:Piteau Associates)

Work Plan 1 Proposed Exploration Activities
Thacker North - South Exploration Project
Humboldt County, Nevada
FIGURE 4

Open water evaporation estimates are based on data from Rye Patch Reservoir, located approximately 56 miles to the south at an elevation of 4,136 feet above mean sea level (amsl) (Advisian 2018). Using a pan coefficient of 0.7, the estimated open-water evaporation rate is 3.5 feet per year. The region is characterized by a water deficit, with estimated evaporation greater than the recorded precipitation.

Based on data collected at the Thacker Pass meteorological station between 2011 and 2017, the average monthly relative humidity ranges from 20 to 80 percent (Advisian 2018). Relative humidity is higher in the winter and less than 40 percent in the summer months. Minimum daily average solar radiation (i.e., total frequency spectrum of electromagnetic energy emanating from the sun) occurs in November and December. Maximum daily average solar radiation mostly occurs in June (Advisian 2018).

3.1.3 Geology

The Project is located within an extinct super-volcano named McDermitt Caldera, which is approximately 20 by 30 miles in size. The caldera was formed approximately 16.3 million years ago from a hotspot that has since migrated to the Yellowstone area of Wyoming and Montana. Following an initial eruption at the McDermitt Caldera, water leached lithium and other salts from nearby volcanic rocks and deposited it in the caldera basin over hundreds of thousands of years.

A large caldera lake formed, and a thick sequence of associated lacustrine deposits settled. Renewed volcanic activity uplifted the center of the caldera, draining the lake and bringing the lithium-rich sediments to the surface of the earth near the present-day Montana Mountains. The result of these geological processes is a high-grade, large, and near-surface lithium resource that includes the Thacker Pass Deposit.

3.1.4 Soils

The majority of soil within the area generally consists of well-drained soils that form in loess, alluvium, colluvium, and residuum derived from mixed rocks with a component of volcanic ash. Dominant, minor, and sub-dominant soils in the Project Area were verified and found to be accurately mapped by the Natural Resources Conservation Service (NRCS) Soil Survey, which is publicly available. NRCS mapping of the Project Area should be considered an accurate representation of soil resources and suitable for various land use interpretations (Cedar Creek 2018).

3.2 Land Disturbance

LNC has permitted and performed limited mineral exploration activities within the Project Area since 2008, which includes drill sites and access roads. A total of 1.5 acres was permitted under the Far East NOI, of which 0.7 acres is disturbed. Of the 0.7 acre disturbed under the Far East NOI, only 0.5 acre is disturbed within the Thacker North South Exploration Project Boundary (a total of 0.2 acre is disturbed within the Thacker Pass Project Plan of Operations, permitted under a separate permit action). A total of 4.7 acres was permitted under the 293 South NOI, of which 5.3 acres is disturbed. Existing authorized disturbance is shown on Figure 3.

3.2.1 Areas Disturbed by Previous Operator

None

3.2.2 Areas Disturbed by Current Operator Prior to January 1, 1981 and Inactive

None

3.2.3 Areas Disturbed by Current Operator Prior to January 1, 1981 and Still Active

None

3.2.4 Areas Disturbed by Current Operator After January 1, 1981, but Prior to October 1, 1990 and Inactive

None

3.2.5 Areas Disturbed by Current Operator After January 1, 1981, but Prior to October 1, 1990 and Still Active

None

3.2.6 Areas Active On or After October 1, 1990

Disturbance which was created, or is active, after October 1, 1990, includes exploration roads and drill sites associated with previous LNC drilling campaigns, specifically associated with the 293 South NOI (N95388) and the Far East NOI (N95396). The 293 South NOI has a total of 5.3 acres of disturbance to date, the Far East NOI has a total of 0.7 acres of disturbance to date. Of the Far East NOI, which has a total of 0.7 acres of disturbance to date, only 0.5 acre is located within the Exploration Project Boundary. The remaining 0.2 acre is located within and being consumed by the Thacker Pass Project Plan of Operations Boundary (permitted under a separate action).

3.2.7 Access Roads Existing Prior to January 1, 1981

Access roads that existed within the Project Area prior to January 1, 1981 are shown on Figure 3. These roads include county and four-wheel drive roads that access the Project Area. These roads are not included as roads that need to be reclaimed as they have not been altered other than by maintenance activities and minor repairs since January 1, 1981.

3.2.8 Location of Surface Water Bodies within One-Half Mile

A network of ephemeral springs and drainages in the area act as seasonal tributaries to Crowley, Thacker, Rock, and Pole creeks (Figure 3). Pole Creek is an ephemeral creek which originates from springs in the Montana Mountains and flows seasonally to the southeast, infiltrating as it flows across alluvium through the North Exploration area (Piteau 2018). There is no observed year-round base flow in Pole Creek across the Project Area. LNC does not propose to impact Pole Creek, nor to install any culverts on the channel.

To the north of the North Exploration area, surface water flow in Rock Creek is ephemeral (Piteau 2018). No base flow is observed in Rock Creek from the confluence with Crowley Creek extending into the Montana Range. Crowley Creek, located to the east of the North Exploration area, has seasonal variations in flow, with maximum surface flow extending south of the Project Area and minimum surface flow terminating upstream of the confluence with Rock Creek (July and August 2018). Ultimately Crowley Creek infiltrates water across alluvium between Rock Creek and the Quinn River Valley (Piteau 2018).

A small area within the northwest portion of the South Exploration area drains west towards Kings River via Thacker Creek. There are no perennially active watercourses in the Project Area. A few small seeps/springs have been identified in the Project Area, none of which are regionally significant (Piteau 2018).

The U.S. Army Corps of Engineers (USACE) has determined that the drainages within the Project Area including Thacker Creek, Pole Creek, and Crowley Creek are intrastate isolated aquatic resources with no apparent interstate or foreign commerce connection (USACE 2019). As such, the USACE has confirmed that these aquatic resources are not regulated by USACE with respect to Section 404 of the Federal Clean Water Act.

3.3 Drill Sites and Drilling Procedures

New drill site disturbance will be kept to the minimum necessary for safe access and a safe working area for equipment and crew. Drill sites, which are typically graded and stabilized, will be constructed to accommodate a safe working area, and will encompass 30 feet by 60 feet, including reserving

side-cast material for future plant growth media. Either above ground portable sumps or excavated sumps are used at each drill site to contain drill cuttings and control drilling fluids. Sumps would be approximately six feet wide, eight feet long, and five feet deep. A drill site and sump may be used for more than one drill hole.

Drill depths used for mineral exploration are anticipated to average approximately 600 feet, which generally requires the use of wireline core drill rigs. Depth to water encountered during prior exploration activities varied, with the shallowest encounter recorded at approximately 40 feet below ground surface. Water or nontoxic drilling fluids may be utilized, as necessary (refer to Section 3.10 for the Water Management Plan). A Rock Characterization and Handling Plan has not been prepared as it is not applicable to exploration projects.

LNC is unable to predict the maximum number of drill holes that will be drilled over the life of the Project, as each phase of exploration will be determined based on the results of the previous exploration drilling program. These results will guide the planning of drilling locations and the number of drill holes to be included in each subsequent work plan. Should it be determined that additional drill holes are needed in excess of what is shown and described in this document for Work Plan 1, additional work plans will be submitted.

3.4 Water Monitoring and Extraction Well Sites

Monitoring and extraction well sites are not proposed under Work Plan 1; however, subsequent work plans may propose installation of one or more monitoring or extraction wells. Specific information on types and acres of disturbance would be presented in subsequent work plans should LNC proposes to install monitoring wells in the Project Area.

3.5 Bulk Sample Excavations and Test Pits

Work Plan 1 does not include any proposed surface disturbance associated with bulk sample excavation activities, test pits, or trenches. However, bulk sample excavations and test pits and/or trenches are proposed under subsequent work plans. The exact location or number of excavations is unknown at this time, and will be dependent on drilling results. The location of each excavation would be identified in annual exploration work plans and approved by the BLM.

Each bulk sample excavation, test pit, or trench will occur within a 250-foot by-250 foot exploration pad. All surface excavations will be developed within the pad boundary. Each test pit or trench may be approximately ten feet wide by 20 feet long by 15 feet deep. Bulk excavations would be slightly larger. Test pits would be constructed with temporary 1 Horizonal (H): 1 Vertical (V) slopes. Excavated material will be stockpiled adjacent to the test pit and within the pad boundary.

Growth media will be salvaged and stockpiled and placed in a separate stockpile from the remainder of the excavated material. The growth media will be redistributed last after the test pit has been refilled with the other excavated material. This will provide enhanced revegetation potential.

A Cat D8 dozer, track hoe or other suitable equipment will be used to construct the test pits and conduct the bulk sample excavation. It is anticipated that the location of the test pits will vary and will be based on drill results. LNC will reclaim the test pits the same day as they are excavated. Fencing is not required as long as the site is occupied by workers (not just equipment). If the site is to be vacated by the workers, and the test pits have not yet been backfilled, even overnight, the slopes need to be constructed at a safe angle, one slope needs to allow wildlife egress (in the event wildlife accesses the pit) and a fence needs to be in place around the pit for safety. Based on recent exploration drilling indicating the nearest groundwater levels at 40 feet below ground surface, groundwater is not anticipated to be encountered in the test pits.

3.6 General Work Plan 1 Operation Time Frame

LNC anticipates that Project activities will commence as soon as BLM and NDEP approve Work Plan 1 (including bond calculation). Drilling activities will occur 24 hours per day. The anticipated reclamation schedule is discussed in Section 6.3.

3.7 Equipment

A Cat D8 dozer, or equivalent equipment, will be used to construct the test pits and conduct bulk sample excavation activities. A CAT D8 dozer, CAT 345C excavator, and/or similar equipment will be used to construct roads and drill sites. Exploration and drilling personnel will access the site in four-wheel drive vehicles. Up to four drill rigs will be utilized along with support vehicles, such as a pipe truck or trailer. Table 2 provides a list of equipment that will be used within the Project Area.

Table 2. Proposed Exploration Equipment

Type of Equipment	Projected Quantity of Equipment
CAT D8 dozer	1
CAT 345C excavator	1
Four-wheel drive vehicles	4
Pipe truck or trailer	4
Drill rigs	4
Mud mixing tank and pump	4
Circulation tank	4
Water Truck (5000 gallon)	2
Potable Light Plant / Generator	4

3.8 Workforce

A geologist will supervise all drilling activities, including managing the drill rig, logging drill holes according to the geologic features encountered, recording water level (if groundwater is encountered), determine maximum drill depth, and advising the drill rig operator as needed. Standard drill rig crews will consist of a drill rig operator and one to two laborers. The drill rig operator will be in charge of the drill rig itself and will make decisions regarding drilling techniques and equipment. Laborers will be responsible for removing and boxing the recovered core samples, removing the cuttings from the drill rigs, assisting with drilling operations, and conducting maintenance as necessary. Up to a total of 16 individuals (three contract personnel per drill rig crew and one LNC-employed geologist per drill rig) could be in the Project Area at the same time.

3.9 Work Plan 1 Proposed Disturbance

The total planned disturbance under Work Plan 1 is 3.5 acres, as shown on Figure 4 and in Table 3. The Work Plan 1 Exploration Drilling Program includes drilling 14 new drill holes. The purpose of the drilling is to explore geologic targets located northeast of the proposed Thacker Pass Project (North Exploration Area) and south of State Route 293 (South Exploration Area). Approximately 10,435 linear feet of new, 12-feet wide, roads will be constructed.

Table 3 Proposed Disturbance under Work Plan 1

Area	Number of Drill Holes (quantity)	New Road Disturbance (linear feet)	Drill Pad Disturbance[1] (acres)	New Road Disturbance[2] (acres)	Total Disturbance (acres)
North Exploration Area	1	1,150	0.1	0.3	0.4
South Exploration Area	13	9,285	0.5	2.6	3.1
North-South Exploration Project	**14**	**10,435**	**0.6**	**2.9**	**3.5**

Note:
[1]: Drill pads are assumed to be 30x60 feet.
[2]: New roads are assumed to be 12 feet wide.

3.10 Water Management Plan

Water Supply and Dust Suppression

Water will be used for dust suppression. Appropriate water use/rights permits will be obtained from the Nevada Division of Water Resources (NDWR) as required. LNC will obtain water from the existing PH-1 well (Figure 4) located at the nearby Thacker Pass Project site or from a well located in the Quinn River Valley (Quinn Production well located in Section 12, Township 36 North, Range 44 East). LNC currently has 15.5 acre-feet per year of water rights (NDWR Permit #82384 and Permit #82385) for the use of mining and milling, including road watering/dust suppression. Water will be pumped from well PH-1 and stored in a water tank on the existing PH-1 well pad.

Exploration Water Use and Management

Drill cuttings will be contained and drill fluids will be managed with the use of sumps at each drill site. Reverse circulation and core drilling will require recirculating drilling fluid to cool the bit and remove cuttings. Water with non-toxic drilling fluid additives may be utilized, as necessary.

The management of drill cuttings will be conducted in a manner that is consistent with Best Management Practices (BMPs) and will include the use of one or all of the following: sediment traps or sumps, straw bales (certified weed-free), silt fences, distribution of clarified water from sediment traps through perforated pipes in order to minimize erosion from channeling, and the use of common, centrally located sediment sumps. If needed, a sand separation system will be used in

conjunction with the sediment sumps/traps to maximize the recirculating of drilling fluids. None of the drilling fluids to be used on the Project contain hazardous substances and all are approved for well drilling and will not contaminate aquifers.

Stormwater Control

BMPs will be used to limit erosion and reduce sediment in stormwater runoff from disturbed exploration areas. BMPs may include, but are not limited to, diversion and routing of stormwater using accepted engineering practices, such as diversion ditches, and the placement of erosion control devices, such as sediment traps, and rock and gravel cover. The actual locations and number of stormwater and sediment controls will be determined where appropriate during exploration activities.

3.11 Waste Disposal Management

BMPs for solid, sanitary, and hazardous waste disposal followed by all site Personnel will use portable sanitary toilet facilities which will be maintained and removed in accordance with BMPs. Potable facilities will be staked to prevent overturning during high winds and will be inspected on a weekly basis. All solid wastes will be removed from the Project Area and disposed in a state, federal, or local designated site within a timely manner. An onsite roll-off dumpster will be located at the laydown yard (described in Section 3.14.2, the laydown yard is shown on Figure 4).

Hazardous substances utilized at the Project will include diesel fuel, gasoline, and lubricating grease. Approximately 150 gallons of diesel fuel and gasoline may be stored in fuel delivery systems on the drill rig and support vehicles. A portable fuel tank may also be stored within the Project Area, as needed. Approximately 200 pounds of lubricating grease will be stored on the drill rig or transported by drill trucks. LNC will verify that all wastes are properly labeled, stored, and disposed of properly. Hazardous waste management will be conducted using BMPs including the following:

- All employees and subcontractors will be educated in waste storage and disposal to ensure proper procedures are followed.
- Safety Data Sheets (SDS) for all materials used onsite will be stored and available to all employees.
- Temporary containment for stored materials shall be at least 1.5 times the volume of the stored material. Materials must be stored in sealed drums/appropriate containers.
- Onsite employees and contractors will have supplies onsite for the cleanup of spills.

If hazardous or regulated materials are spilled, measures will be taken to control the spill. LNC will notify BLM and NDEP, as required. Any hazardous substance spills will be cleaned immediately, and

any resulting waste will be transferred off site in accordance with all applicable local, state, and federal regulations. Contract drillers will maintain spill kits on site for use in case of a spill. The Project Spill Contingency Plan is described in Section 5.1.

Additional details on the Project's solid and hazardous waste management plan are provided in Section 4.6.

3.12 Petroleum Contaminated Soil Management

LNC will follow BMPs for contaminated soil and water management. Employees and subcontractors will be educated in identification and handling of contaminated soils.

The following BMPs will be followed:

- If contamination is observed, LNC will determine treatment and disposal methods that adhere to all federal, state, and local regulations.
- LNC will avoid stockpiling contaminated soil on site. LNC will dig up contaminated soil and dispose of in accordance with all applicable regulations as soon as feasible. Should contaminated soil be temporarily stockpiled onsite, LNC will take measures to prevent wind erosion and site runoff. LNC will treat and properly dispose of all water that has come into contact with contaminated materials.
- LNC will install temporary barriers to prevent unauthorized entry to the contaminated area.

3.13 Transportation and Roads

The drill crew and LNC geologists will use four-wheel drive vehicles to access the drill sites. On a daily basis, there is usually a pickup truck going back and forth (along the access road to the drill sites) at minimum six times a day (night crew in and out, day crew in and out, and geology staff picking up geological core in and out).

Exploration areas will be accessed using either overland travel (creating a travel width of 6 feet) or using existing or improved roads and spurs bladed with a total overall disturbance width of 12 feet, which will include side-cast material, to allow for equipment access.

3.14 Ancillary Facilities

3.14.1 Fuel Storage

No fuel storage facility will be constructed. A portable fuel tank may be stored within the Project Area, as needed.

3.14.2 Laydown Yard

When exploration activities are ongoing, LNC will use a drill pad located close to State Route 293 (Figure 4) as a temporary storage area. Once drilling is complete, LNC will clear the pad and reclaim the area. Drill rigs will be mobed and de-mobed to site, as needed.

3.15 Surface Occupancy

Under 43 CFR 3715.0-5, occupancy means full or part-time residence on public lands. Occupancy is also interpreted as meaning activities that involve residence; the construction, presence, or maintenance of temporary or permanent structures that may be used for such purposes; or the use of a watchman or caretaker for monitoring activities. Residence or structures include, but are not limited to, barriers to access, fences, tents, motor homes, trailers, cabins, houses, buildings, and storage of equipment or supplies.

LNC will not have any surface occupancy associated with exploration activities in the Project Area. LNC will use a portable storage trailer to safely store drilling supplies. The trailer will be temporarily stored at the laydown yard (described above).

3.16 Permits Required

LNC will acquire, or has already acquired, the permits and authorizations presented below:

- Exploration Plan of Operations/National Environmental Policy Act (NEPA) Record of Decision from BLM.
- NDEP Reclamation Permit.
- Appropriate NDWR water use/rights permits. LNC will obtain water from the PH-1 water supply well located on the nearby Thacker Pass Project site (Figure 4). This well currently has 15.5 acre-feet per year of water rights (NDWR Permit #82384 and Permit#82385) for the use of mining and milling, including dust suppression.
- NDEP surface disturbance permit for greater than five acres of disturbance.
- Nevada Department of Transportation (NDOT) encroachment permit, if required. LNC does not propose to alter any existing highway approaches, but will obtain an encroachment permit, if required.

4 Environmental Protection Measures

LNC will commit to the following environmental protection measures to prevent unnecessary and undue degradation while conducting exploration and reclamation activities at the Project site. The measures are derived from the general requirements established in the BLM's Surface Management Regulations at 43 CFR 3809 and BMRR's mining reclamation regulations, as well as water, air quality, and other environmental protection regulations.

4.1 Air Emissions

Emissions of fugitive dust from disturbed surfaces will be minimized by the application of water as a method of dust control, as needed.

4.2 Water Resources

Exploration drill holes will be surveyed and plugged as an operational procedure immediately after completion of drilling in accordance with NAC 534.421 and 534.425. The drill holes will be plugged by placing drill cuttings or cement grout, concrete grout, or neat cement plug into the total depth of the hole, or if ground water is encountered, plugged as a well pursuant to NAC 534.420. Drill cuttings will be contained on site and fluids managed utilizing appropriate control measures. A maximum of four drill holes will be left open at any one time.

Stormwater BMPs will be used at exploration sites to minimize stormwater erosion. BMPs such as check dams (e.g., weed-free straw bales) will be used to slow and disseminate discharge water from discharge tests to decrease erosion and sedimentation to surface waters. Sediment traps will be used as necessary and filled at the end of the drill program.

LNC will follow the Spill Contingency Plan presented in Section 5.1. Only non-toxic fluids will be used in the drilling process.

Pole Creek will be crossed using existing roads to gain access to the other side. LNC does not propose to impact Pole Creek, nor to install any culverts across Pole Creek.

4.3 Erosion and Sediment Control

BMPs will be used to limit erosion and reduce sediment in precipitation runoff from Project facilities and disturbed areas during exploration and reclamation activities. BMPs may include, but are not limited to, diversion and routing of stormwater using accepted engineering practices and the placement of erosion control devices such as sediment traps, check dams, and rock and gravel cover.

Revegetation of disturbed areas will reduce the potential for wind and water erosion. Areas such as cut and fill embankments will be seeded as soon as practical and safe. All sediment and erosion control measures will be inspected periodically, and repairs performed as needed.

4.4 Noxious Weeds

Noxious weeds will be controlled through implementation of the following: concurrent reclamation efforts, operator control, removal of invasive, non-native, and noxious weeds on reclaimed areas, washing vehicles prior to entering the Project Area, and avoiding areas of known invasive, non-native, and noxious weeds during periods when the weeds could be spread by vehicles.

4.5 Wildland Fire Protection

LNC will comply with applicable agency and state fire laws and regulations. Reasonable measures to prevent and suppress fires within the Project Area will be taken by employees, contractors, and subcontractors. No open fires will be allowed within the Project Area during exploration activities presented under this PoO.

Smoking will only be permitted in designated areas that are free of flammable materials and only if allowed by state law or federal regulations. Smoking will not be permitted near fuel sources, including dry grasses and shrubs. Smoking will only be allowed in designated areas having a fire suppressing ash and cigarette container. A source of usable water and shovel will be available at the smoking site. Cigarette butts on the ground will not be tolerated. Smoking materials will be extinguished and disposed of by pressing said materials into the designated fire suppressing ash and cigarette container.

Vehicles and equipment operated on public lands 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. Heavy equipment will be properly muffled and 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.

4.6 Solid and Hazardous Materials Management and Waste Disposal

Hazardous materials will be transported, stored, and used in accordance with federal, state, and local regulations. Employees will be trained in the proper transportation, use, and disposal of hazardous materials.

Employee training will outline appropriate disposal practices, which includes the allowable wastes that can be placed in a landfill, management of used filters, oily rags, aerosol cans, and other regulated substances. Solid waste will be disposed in the Class I Humboldt County landfill in the form of an onsite roll-off dumpster. Used solvent, liquids drained from aerosol cans, and used antifreeze will be regulated by the Resource Conservation and Recovery Act (RCRA).

4.7 Wildlife, Avian, and Migratory Birds Protection

If possible, LNC will schedule land clearing and surface disturbance to prevent destruction of active bird nests or young of birds during the avian breeding season (May 1 to July 15, annually in accordance with BLM policies) to comply with the Migratory Bird Treaty Act. If surface disturbing activities are unavoidable during the avian breeding and nesting season, LNC will rely on a qualified environmental specialist or biologist to survey areas proposed for disturbance to determine the presence of active nests immediately prior to disturbance. Should active nests be located, or if other evidence of nesting is observed (e.g., mating pairs, territorial defense, carrying nesting material, and transporting of food), the area will be avoided to prevent destruction or disturbance of nests until the birds are no longer present. The start and end dates of the seasonal restriction may be based on site-specific information, such as elevation and winter weather patterns, which affect breeding chronology.

4.8 Cultural Resources

Several Class III cultural resources surveys have been performed for the Project Area. Avoidance is the BLM-preferred treatment for preventing effects to historic properties. An historic property is any prehistoric or historic site eligible to the National Register of Historic Places (NRHP). Avoidance is also required for unevaluated cultural resources. In accordance with 43 CFR 3809.420 (b)(8), LNC 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. In the event of a discovery of previously unknown resources, LNC 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 exploration operations and shall leave such discovery intact until told to proceed by the authorized officer. The authorized officer shall evaluate the possible discoveries, act to protect

or remove the resource, and allow operations to proceed within 10 working days after notification to the authorized officer of such discovery.

If it appears that the undertaking will or may adversely affect historic properties, LNC will support any consultation activity initiated by BLM and is willing to coordinate with the BLM to develop a Treatment Plan or Memorandum of Agreement to address all cultural resource sites within the North-South Exploration Project Area.

4.9 Protection of Survey Monuments

To the extent practicable, LNC will protect all survey monuments, witness corners, reference monuments, bearing trees, and line trees against unnecessary or undue destruction, obliteration, or damage. During operations, if any monuments, corners, or accessories are destroyed, LNC will immediately report the matter to the authorized officer. Prior to obliteration, destruction, or damage during surface disturbing activities, LNC will contact BLM to develop a plan for any necessary restoration or reestablishment activity of the affected monument in accordance with the Manual of Surveying Instructions (DOI 2009). LNC will bear the cost for the restoration or re-establishment activities including the fees for a Nevada Professional Land Surveyor.

4.10 Public Safety and Access

Public safety will be maintained throughout all exploration activities presented in this Exploration PoO. All equipment and other facilities will be maintained in a safe and orderly manner.

Should any existing roads within the Project Area be severely damaged from exploration activities, LNC will return these disturbances, as close as possible, to their original condition.

5 Operating Plans

5.1 Spill Contingency Plan

The purpose of this Spill Contingency Plan is to:

- To identify all pollutant sources that may exist within the Project Area.
- To identify BMPs to prevent or reduce the quantity of potential pollutants discharged to the ground or surface water in order to minimize environmental impacts during and after the exploration Project.

All contractors are responsible for familiarizing their personnel with the information pertaining to this Spill Contingency Plan and applicable BMPs.

Preventative Maintenance

Good housekeeping practices will be followed on site during the exploration Project:

- Only enough product required to do the job will be stored on site.
- All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if feasible, under a roof or other enclosure.
- Products will be kept in their original containers with the original manufacturer's label.
- Manufacturers' recommendations for safe use and disposal will be followed.
- LNC's Project Manager will conduct daily inspections to esure proper use and disposal of materials.

The contractor will have a vehicle preventive maintenance program to ensure that all vehicles are operating under optimum conditions and all hoses and fittings are in good condition and leak free. It is the responsibility of the operator, mechanic, tool pusher or other designee to execute the repairs or preventive maintenance and complete any reporting required. Assignment for repair when equipment is in a remote location may be issued verbally by the field superintendent or district manager.

Source Identification

Pollutants

Potential sources of pollutants from drilling rigs, service vehicles, and other equipment include oil, fuel, and lubricating grease. Additional sources of pollutants may include drilling fluids (mud and foam), borehole plugging materials, solvents, trash and other debris. These pollutants are not

expected to come into contact with on-site soils or surface waters; however, BMPs will be employed to prevent potential release of contaminants.

Construction Debris

To minimize impacts during precipitation events, trash bins will be regularly inspected for leaks.

Spill Contingency Plan

Materials and equipment necessary for spill cleanup will be kept in drill rigs and exploration vehicles. Equipment and materials will include, but not be limited to, brooms, dust pans, mops, shovels, rags, gloves, goggles, sorbent materials, sand, sawdust, and plastic and metal trash containers specifically for this purpose.

Well-maintained equipment will be used to perform the work, and when practicable, equipment maintenance will be performed offsite. In the event of oil, fuel, and lubricating grease leaks, cleanup will be conducted as soon as possible. If the leak is on pavement or a compacted surface, an oil absorbing product such as Absorb® will be applied. Once the clean-up product has absorbed the leak, it will be collected and placed into watertight drums or bins, and disposed according to federal, state, or local regulations. If the leak occurs on soil, any contaminated soil will be excavated and disposed according to federal, state, or local regulations. In the event of a major spill, the following actions should be taken in addition to any federal, state, and local health and safety regulations:

1. Contain the spread or migration of the spill, using on-hand supply of material/structures and/or by creating dirt berms, as feasible and necessary. Equipment kept onsite will be employed to control the spill.
2. Notify the LNC's Environmental Director or Project Manager immediately.
3. Within 24 hours of an identified spill, the site manager or a designated representative will notify the following local and state agencies:
    - Bureau of Land Management - (775) 623-1500
    - Nevada Division of Environmental Protection - (775) 687-4670
    - Emergency Response Hotline - (888) 331-6337

In case of an emergency, relevant phone numbers are provided below:

- Emergency calls: 911 / (775) 623-6419 (Sheriff, Humboldt County)
- Fire: 911 / (775) 623-1561 (BLM, Interagency Dispatch)
- Hospital: (775) 623-5222 (Winnemucca)

This Plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another occurrence. A description of the spill, what caused it, and the cleanup measures will also be included.

The following BMPs will be followed:

- During exploration activities, water will be used for dust control, mixing grout, and cleanup. Water used for dust control will be sprayed over the ground at a rate which will moisten the soil but not cause runoff or pond.
- LNC will define exploration staging areas to minimize footprint impacts, and to prevent impacts to water courses and other sensitive areas.
- LNC will maintain water-tight trash bins or dumpsters on the Project site to minimize leakage to ground surface.
- LNC will, at all times, properly operate and maintain any facilities and systems of treatment and control (and related appurtenances).

5.2 Quality Assurance Plan

LNC will ensure employees and contractors are not disturbing more land than approved by this PoO and subsequent work plans. Once authorized, new disturbance areas will be staked, kept to a minimum size, and approved by LNC and contractors prior to use.

5.3 Monitoring Plan

The proposed monitoring activities outlined within this document will be conducted upon BLM and NDEP approval of this PoO. LNC will conduct regular, periodic inspections of the exploration areas and activities to maintain the Project Area in a safe and clean condition.

Monitoring of the drill sumps will include periodic visual inspections during drill operations to ensure that the drill cuttings are contained. Should the observed condition indicate that the sump containment is inadequate, additional sump capacity will be built and incorporated into the drilling fluid management system.

Monitoring of drill roads, water bars, and diversion channels will include visual inspections, primarily after storm events. If erosion has occurred, or seems likely to occur, the water bars, diversion channels, and roads will be repaired using a CAT D8 dozer, or equivalent.

Inspection and monitoring associated with reclamation activities is addressed in the Reclamation Plan (Section 6).

5.4 Interim Management Plan

Measures to Stabilize Excavations and Workings

The proposed exploration activities do not include mine excavations or workings. The exploration drill roads, pads, test pits, and sumps will be maintained in operating condition until reclamation to prevent washouts and containment breaches.

Measures to Isolate or Control Toxic or Deleterious Materials

In the event that hazardous or regulated materials are spilled, measures will be taken to control the spill, and BLM and NDEP will be notified, as required. Any hazardous substance spills will be handled in accordance with the Spill Contingency Plan (Section 5.1) including an immediate clean-up. Any resulting waste will be transferred off site in accordance with all applicable local, state, and federal regulations. Contract drillers will maintain spill kits on site for use in case of a spill.

Provisions for the Storage or Removal of Equipment, Supplies and Structures During Shutdown

During extended periods of non-operation or seasonal closure of the exploration activities, all exploration equipment and supplies will be removed from the Project Area.

Measures to Maintain the Project Area in a Safe and Clean Condition

LNC will conduct regular inspections of the exploration areas and activities. Refer to the Monitoring Plan described in Section 5.3.

Plans for Monitoring Site Conditions During Periods of Nonoperation

The measures outlined above and in Section 5.3 will be conducted during periods of non-operation, except as limited by weather and ground conditions.

Anticipated Periods of Temporary Closure and Provisions for Notifying BLM and NDEP of Unplanned or Extended Temporary Closures

Should periods of temporary closure or non-operation of exploration activities occur, LNC will notify the BLM and NDEP verbally and in writing. Periods of temporary closure or non-operation could be caused by severe weather conditions including, but not limited to, significant drifting or deep snow, wildfires, and high winds.

6 Reclamation Plan

Reclamation of disturbed areas resulting from activities outlined in this Reclamation Plan will be completed in accordance with BLM and NDEP regulations.

The purpose of Subpart 43 CFR 3809 - Surface Management is to prevent unnecessary or undue degradation of public lands by operations authorized under the mining laws. This subpart establishes procedures and standards to ensure that operators and mining claimants meet this responsibility and provides for the maximum possible coordination with appropriate state agencies to avoid duplication of efforts and to ensure that operators prevent unnecessary or undue degradation of public lands by operations authorized by the mining laws. The State of Nevada requires that a Reclamation Plan be developed for any new mining project and for expansions of existing operations (NAC 519A) meeting requirements to return mined lands to a productive post-mining land use.

6.1 Reclamation Objectives

LNC's primary objectives for post-exploration reclamation of disturbances are to:

- Ensure public safety.
- Reduce or eliminate potential environmental impacts.
- Return the site to a condition which will support land uses like those which existed prior to the onset of exploration activities; these land uses include livestock forage production, wildlife habitat, and mineral exploration and development.
- Control infiltration, erosion, sedimentation, and related degradation of existing drainages to minimize off-site impacts.
- Employ reclamation practices using proven methods which do not require ongoing maintenance.

With these objectives in mind, reclamation activities are designed to:

- Stabilize the disturbed areas to a safe condition.
- Protect both disturbed and undisturbed areas from unnecessary and undue degradation.

LNC anticipates that all exploration disturbances will be reclaimed and revegetated as provided in the approved Reclamation Plan. Costs to support the financial surety associated with this Exploration PoO will be developed and submitted for review prior to approval. In this manner, the Reclamation Plan cost estimate will conform to the authorized activities.

6.2 Measures Taken to Prevent Unnecessary or Undue Degradation

Surface management regulations 43 CFR 3809.420 establish performance standards applicable to this PoO. The State of Nevada also has established mining, reclamation, water quality, and air quality regulations.

Measures to be taken to prevent unnecessary or undue degradation at the proposed Project site are listed below. These measures will be implemented during the operation and reclamation of exploration activities:

- Mineral exploration and development drill holes, monitoring and observation wells, and production wells subject to NAC 534 will be properly abandoned to prevent potential contamination of water resources.
- Roads will be constructed to the minimum necessary width.
- Regulated wastes will be managed according to applicable regulations.
- Surface disturbance will be minimized while optimizing the recovery of mineral resources.
- Fugitive dust and other air emissions from disturbed and exposed surfaces will be controlled in accordance with NDEP regulations and permits.
- LNC will comply with applicable federal and state water quality standards, including the Federal Water Pollution Control Act, as amended (30 U.S.C. 1151 et seq.).
- Surface water drainage control will be accomplished by diverting stormwater, isolating facility runoff, and minimizing erosion.
- Where suitable as a growth media, surface soils and alluvium will be managed as a growth media resource and removed, stockpiled, and replaced during reclamation.
- This Reclamation Plan will be implemented to address earthwork and recontouring, revegetation and stabilization, detoxification and disposal, and monitoring operations necessary to satisfactorily reclaim the proposed disturbance including: roads, drill pads, ancillary facilities, and equipment.

6.3 Reclamation Schedule

Drilling success determines the reclamation schedule for the exploration roads and drill holes. Reclamation activities will be conducted after exploration activities when it has been determined that exploration disturbance and access to that specific drill pad is no longer needed. Reclamation will begin within exploration areas considered inactive, without potential, or completed at the earliest practicable time. Earthwork and revegetation activities are limited by the time of year during which they can be effectively implemented. Table 4 outlines the anticipated reclamation schedule on a quarterly basis. Site conditions or yearly climatic variations may require that this schedule be

modified to achieve revegetation success. Reclamation activities will be coordinated with the BLM and the BMRR, as necessary. The proposed reclamation is expected to have a duration of up to approximately one year from the time of commencement of final reclamation activities. Revegetation success is anticipated to take three years after the time of seeding.

Table 4. Anticipated Reclamation Schedule

Techniques	1st Quarter Jan-Mar	2nd Quarter Apr-Jun	3rd Quarter Jul-Sept	4th Quarter Oct-Dec	Year(s)
Regrading					Within two years of Project completion
Seeding					Within two years of Project completion
Monitoring					Three years beyond regrading and reseeding

Note: Regrading activities could occur year-round.

6.4 Exploration Reclamation Practices

The reclamation measures to be utilized by LNC for the Project are described in the following sections.

6.4.1 Drill Hole Plugging

All drill holes (i.e., boreholes) will be plugged prior to the drill rig moving from the drill site in accordance with NRS 534, NAC 534.4369, and NAC 534.4371, and guidance from the BLM. If groundwater is encountered, drill holes will be plugged pursuant to NAC 534.420. If casings are set in a borehole, either the boreholes will be completed as wells and plugged pursuant to NAC 534.420 or the casing will be completely removed from the boreholes before they are plugged. The upper portion of the borehole may be permanently cased if the annulus is completely sealed from the casing shoe to surface pursuant to NAC 534.380. In the event that the upper portion of a borehole is permanently cased, the casing will be perforated, in accordance with NAC 534.420.

6.4.2 Regrading and Reshaping

Regrading and reshaping of all drill sites, exploration roads, and test pits will be completed to match the original topography, to the extent possible. Fill material, enhanced with growth media, will be pulled onto the roadbeds to fill the road cuts and restore the slope to natural contours. Roads and drill sites will be regraded and reshaped with a dozer. Drill pads and tire tracks (trails created by

track rigs) from overland travel will be lightly scarified and left in a rough state as necessary to relieve compaction, inhibit soil loss from runoff, and prepare the seed bed.

Growth media (topsoil and alluvium) from the exploration activity will be salvaged and placed in a separate stockpile. The growth media will be placed last, after the test pits has been refilled with the other excavated material. Should any drainages be disturbed, they will be reshaped to approximate the original contours and hydraulic conditions. The resulting channels will be of the same capacity as up and downstream reaches (to the extent feasible) and will be made non-erosive by use of surface stabilization techniques (rip-rap) where necessary, and ultimately revegetated. Following completion of earthwork, all disturbed areas will be broadcast seeded with a BLM-approved seed mix (Table 5).

6.4.3 Growth Media Salvage and Management

Soils capable of serving as growth media will be salvaged and side cast within the proposed disturbance areas. In addition to the soils, as much of the soil organic matter as possible will be salvaged to minimize compaction and promote aeration. Soil amendments are not considered necessary in those areas where sufficient growth media are available.

6.4.4 Revegetation

Generally, seedbed preparation and seeding will take place in the fall after regrading of disturbed areas. All reclaimed areas will be broadcast seeded with a cyclone-type bucket spreader or a mechanical blower. Broadcast seed will be covered by harrowing, raking, or other site-specific appropriate methods as necessary to provide seed cover and enhance germination. Reclaimed surfaces will be left in a textured or rough condition (e.g., small humps, pits, etc.) to enhance moisture retention and revegetative success while minimizing erosion potential.

The seed mix, developed through coordination with the University of Nevada, Reno and shown in Table 5, was selected to establish a plant community that will support the post-exploration land use. The mix is specific to soils within the McDermitt Caldera—clay soils with a slightly elevated salt content— and is designed to provide species that can: 1) exist in the environment of northwestern Nevada, 2) are proven species for revegetation, or 3) are native species found in the plant communities prior to disturbance. Broadcast seeding will be at a rate of approximately 12.10 pounds of pure live seed per acre. If allowed by the BLM, LNC would utilize this proposed seed mix in conjunction with coated seed technology being developed by Brigham Young University and the Great Basin Sagebrush Restoration Fund at University of Nevada Reno. The coated seed technology would improve seed germination and plant establishment efficacy. Changes or adjustments to the

reclamation plant list or application rate will be completed in consultation with, and approval by, the BLM and BMRR.

Timing of revegetation activities is critically important to the overall success of the program. Seeding activities will be timed to take advantage of optimal climatic periods and will be coordinated with other reclamation activities. In general, earthwork and drainage control will be completed in the summer or early fall. Seedbed preparation will generally be completed in the fall, either concurrently with or immediately prior to seeding. Seeds will be sown in late fall to take advantage of winter and spring precipitation and optimum spring germination. Early spring seeding may be utilized for areas not seeded in the fall.

Table 5. Proposed Revegetation Seed Mixture

Species[1]	Common Name	Pure Live Seed (pound/acre)
Artemisia tridentate spp. Wyomingensis	Wyoming Big Sagebrush	1.00
Atriplex canescens	Four-wing Saltbush	0.50
Elymus elymoides	Squirreltail	2.75
Poa secunda	Sandberg's bluegrass	1.00
Agropyron cristatum	Crested Wheatgrass	6.00
Linum lewisii	Blue Flax	0.50
Sphaeralcea coccinea	Scarlet Globemallow	0.25
Achillia millifolium	Western Yarrow	0.10
Total		**12.10**

[1] Seed mixtures may change from time to time during concurrent and final reclamation. The changes will be based on targeting specific soil/disturbance types and experience gained during concurrent reclamation during the life of the Project, on test plot results, and changes in agency recommendations.

6.4.5 Disposition of Buildings and Ancillary Facilities

No buildings or temporary structures will be built in the Project Area. A portable storage trailer will be used to temporarily store drilling supplies at the proposed laydown yard during exploration activities. Any temporary equipment, and supplies will be removed following completion of the Project. Other materials, including scrap, trash, and unusable equipment, will be removed on a daily or weekly basis and disposed of in accordance with federal and state regulations and laws.

6.4.6 Isolation and Control of Acid-Forming, Toxic, or Deleterious Materials

Refer to the Interim Management Plan in Section 5.4.

6.4.7 Facilities or Roads Not Subject to Reclamation

As determined by the BLM, any roads on public lands suitable for public access or which continue to provide public access consistent with pre-exploration conditions will not be reclaimed after exploration.

6.4.8 Post Reclamation Monitoring and Maintenance

Post-closure monitoring and maintenance will commence on any reclaimed area following completion of the reclamation work for the area. Post-reclamation maintenance will consist of remedial dirt work and reseeding. Site monitoring for stability and revegetation success will be conducted once a year, during the spring or fall, for a minimum of three years until attainment of the revegetation standards established in the Nevada Guidelines for Successful Revegetation for the NDEP, BLM, and USFS (IM #NV 99-013).

Post-closure monitoring and maintenance will extend until the reclamation of the site or component has been accepted by both the BLM and BMRR. For bonding purposes, a three-year post-closure management period is assumed following completion of reclamation activities on any site. For sites reclaimed early in the operations, management of the reclaimed sites will occur concurrently with operational site management. Annual reports showing reclamation progress will be submitted to the BLM and BMRR.

6.5 Measures to be Taken During Extended Periods of Non-Operation

Refer to the Interim Management Plan in Section 5.4.

7 Assumption of Reclamation Responsibility

LNC agrees to assume all responsibility for the completion of the reclamation work described within this document on all the surface areas affected by the operation of the Project. LNC will obtain the necessary reclamation performance bond for the activities outlined in the Plan, as required by BLM and NDEP.

8 Reclamation Cost Estimate

See Appendix B.

9 Permit Application Fee

The State Application for a Nevada Reclamation Permit fee is structured such that different rates are used to calculate the fee based on the total affected acres (acres of surface disturbance) and the type of application (new, minor modification, and major modification). The Project will affect 150.0 acres on public lands administered by the BLM.

$1.50 per acre of public land x 150.0 acres = $225.00

$2.50 per acre of private land x 0 acres = $0.00

Total = $225.00

A check issued to NDEP in the amount of $225.00 is included with this Reclamation Permit Application submission.

10 Public Safety Declaration

All reclamation associated with this Exploration Project will be designed during the pre-planning process to comply with the State of Nevada regulations relating to providing for the public safety on abandoned mining properties as stated in NAC 513.

11 Acknowledgements

A. It is understood that the operator agrees to accept reclamation responsibility for all surface areas affected by the project as outlined in this Reclamation Plan, and an acceptable surety, pursuant to NAC 519A.350, will be provided in an amount sufficient to ensure reclamation of the entire area affected by the project as required by NAC 519A.360.

B. It is understood that should the nature of the operation change, a modified or supplemental plan of operations and reclamation may be required.

C. It is understood that approval of this Reclamation Plan does not constitute:

(1) Certification of ownership to any person named herein; and

(2) Recognition of the validity of any mining claim herein.

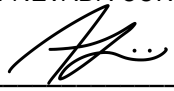
D. It is understood that a bond equivalent to the actual cost of performing the agreed upon reclamation measures will be required prior to Reclamation Plan approval and proposed construction activities. The bond amount required, increased or decreased, will be set on a site-specific basis by the lead agency in coordination with the cooperating agencies.

E. It is understood that approval of this does not relieve the operator of responsibility to comply with all applicable state or federal laws, rules, or regulations.

F. It is understood that any information provided with this Reclamation Plan that is marked confidential will be treated by the agency in accordance with that agency's laws, rules, and regulations.

On behalf of LNC, I have read and agree to comply with all conditions in this Plan, including the Recommended Changes and Reclamation Requirements. I understand that the bond will not be released until the lead agency provides written approval of the reclamation work done and authorizes such release. I/We further understand that the disturbance report and fees required to be submitted annually to the State of Nevada are required until such time as written approval of completion of all reclamation work and closure of the project is provided by all appropriate regulatory agencies.

LITHIUM NEVADA CORP.



Operator (or Authorized Official) July 30, 2019
Alexi Zawadzki, Chief Executive Officer/Director Date

12 References

Advisian, 2018. Technical Report on the Pre-Feasibility Study for the Thacker Pass Project, Humboldt County, Nevada, USA. August.

Bureau of Land Management (BLM), 1999. Nevada Guidelines for Successful Revegetation for the Nevada Division of Environmental Protection, the Bureau of Land Management, and the USDA Forest Service. (Instruction Memorandum NV 99-013).

Cedar Creek Associates, Inc. (Cedar Creek), 2018. Thacker Pass Project, Lithium Nevada Corporation, Soils Baseline Report. November.

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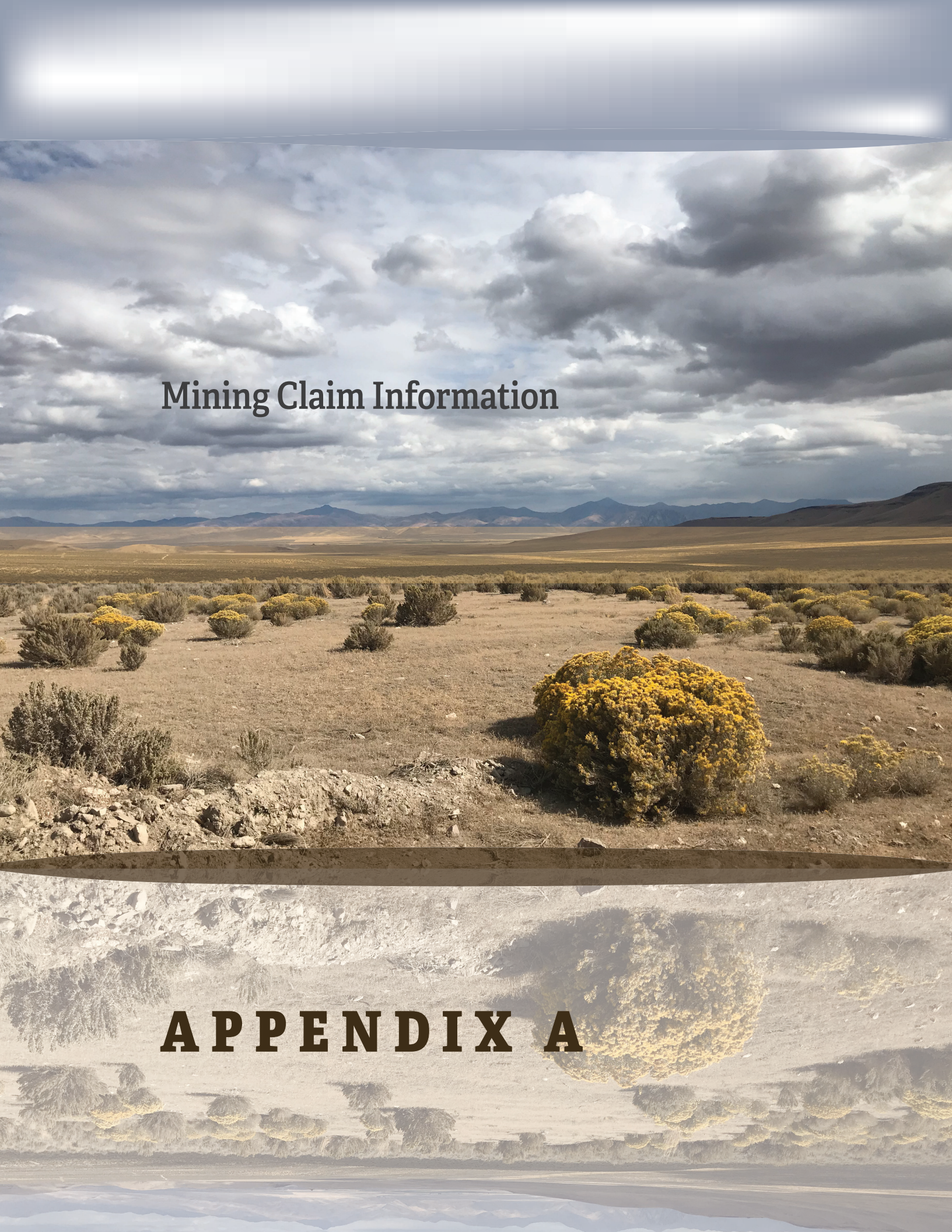
United States Department of the Interior (DOI), 2009. Manual of Surveying Instructions: For the Survey of the Public Lands of the United States. Bureau of Land Management. Denver, CO: Government.

U.S. Army Corps of Engineers (USACE). 2019. Letter from USACE (Jason Gipson) Addressed to Lithium Nevada Corporation (Catherine Clark), dated February 8, 2019.



Mining Claim Information

APPENDIX A

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BASIN 1	NMC1170660	LODE	4/19/2018
South Area	BASIN 10	NMC1170669	LODE	4/19/2018
South Area	BASIN 11	NMC1170670	LODE	4/19/2018
South Area	BASIN 12	NMC1170671	LODE	4/19/2018
South Area	BASIN 13	NMC1170672	LODE	4/19/2018
South Area	BASIN 14	NMC1170673	LODE	4/19/2018
South Area	BASIN 15	NMC1170674	LODE	4/19/2018
South Area	BASIN 16	NMC1170675	LODE	4/19/2018
South Area	BASIN 17	NMC1170676	LODE	4/19/2018
South Area	BASIN 18	NMC1170677	LODE	4/19/2018
South Area	BASIN 19	NMC1170678	LODE	4/19/2018
South Area	BASIN 2	NMC1170661	LODE	4/19/2018
South Area	BASIN 21	NMC1170680	LODE	4/19/2018
South Area	BASIN 22	NMC1170681	LODE	4/19/2018
South Area	BASIN 23	NMC1170682	LODE	4/19/2018
South Area	BASIN 24	NMC1170683	LODE	4/19/2018
South Area	BASIN 26	NMC1170685	LODE	4/19/2018
South Area	BASIN 27	NMC1170686	LODE	4/19/2018
South Area	BASIN 28	NMC1170687	LODE	4/19/2018
South Area	BASIN 29	NMC1170688	LODE	4/19/2018
South Area	BASIN 3	NMC1170662	LODE	4/19/2018
South Area	BASIN 30	NMC1170689	LODE	4/19/2018
South Area	BASIN 4	NMC1170663	LODE	4/19/2018
South Area	BASIN 5	NMC1170664	LODE	4/19/2018
South Area	BASIN 6	NMC1170665	LODE	4/19/2018
South Area	BASIN 7	NMC1170666	LODE	4/19/2018
South Area	BASIN 8	NMC1170667	LODE	4/19/2018
South Area	BASIN 9	NMC1170668	LODE	4/19/2018
South Area	BETA 21	NMC894741	LODE	2/28/2005
South Area	BETA 22	NMC894742	LODE	2/28/2005
South Area	BETA 23	NMC894743	LODE	2/28/2005
South Area	BETA 24	NMC894744	LODE	2/28/2005
South Area	BETA 25	NMC894745	LODE	2/28/2005
South Area	BETA 26	NMC894746	LODE	2/28/2005
South Area	BETA 27	NMC894747	LODE	2/28/2005
South Area	BETA 28	NMC894748	LODE	2/28/2005
South Area	BETA 29	NMC894749	LODE	2/28/2005
South Area	BETA 30	NMC894750	LODE	2/28/2005
South Area	BETA 31	NMC894751	LODE	2/28/2005
South Area	BETA 32	NMC894752	LODE	2/28/2005

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BETA 33	NMC894753	LODE	2/28/2005
South Area	BETA 34	NMC894754	LODE	2/28/2005
South Area	BETA 36	NMC894756	LODE	2/28/2005
South Area	BETA 43	NMC894763	LODE	2/28/2005
South Area	BETA 44	NMC894764	LODE	2/28/2005
South Area	BETA 45	NMC894765	LODE	2/28/2005
South Area	BETA 46	NMC894766	LODE	2/28/2005
South Area	BETA 47	NMC894767	LODE	2/28/2005
South Area	BETA 48	NMC894768	LODE	2/28/2005
South Area	BETA 49	NMC894769	LODE	2/28/2005
South Area	BETA 50	NMC894770	LODE	2/28/2005
South Area	BETA 51	NMC894771	LODE	2/28/2005
South Area	BPE 1	NMC1018964	LODE	11/14/2009
South Area	BPE 10	NMC1018973	LODE	11/14/2009
South Area	BPE 100	NMC1019063	LODE	11/13/2009
South Area	BPE 101	NMC1019064	LODE	11/13/2009
South Area	BPE 102	NMC1019065	LODE	11/13/2009
South Area	BPE 103	NMC1019066	LODE	11/13/2009
South Area	BPE 104	NMC1019067	LODE	11/13/2009
South Area	BPE 105	NMC1019068	LODE	11/13/2009
South Area	BPE 106	NMC1019069	LODE	11/13/2009
South Area	BPE 107	NMC1019070	LODE	11/13/2009
South Area	BPE 108	NMC1019071	LODE	11/13/2009
South Area	BPE 109	NMC1019072	LODE	11/13/2009
South Area	BPE 11	NMC1018974	LODE	11/14/2009
South Area	BPE 110	NMC1019073	LODE	11/13/2009
South Area	BPE 111	NMC1019074	LODE	11/13/2009
South Area	BPE 112	NMC1019075	LODE	11/13/2009
South Area	BPE 113	NMC1019076	LODE	11/13/2009
South Area	BPE 114	NMC1019077	LODE	11/13/2009
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South Area	BPE 116	NMC1019079	LODE	11/13/2009
South Area	BPE 117	NMC1019080	LODE	11/13/2009
South Area	BPE 118	NMC1019081	LODE	11/13/2009
South Area	BPE 119	NMC1019082	LODE	11/13/2009
South Area	BPE 12	NMC1018975	LODE	11/14/2009
South Area	BPE 120	NMC1019083	LODE	11/13/2009
South Area	BPE 121	NMC1019084	LODE	11/13/2009
South Area	BPE 122	NMC1019085	LODE	11/13/2009
South Area	BPE 123	NMC1019086	LODE	11/13/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BPE 124	NMC1019087	LODE	11/13/2009
South Area	BPE 125	NMC1019088	LODE	11/13/2009
South Area	BPE 126	NMC1019089	LODE	11/13/2009
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South Area	BPE 13	NMC1018976	LODE	11/14/2009
South Area	BPE 130	NMC1019093	LODE	11/13/2009
South Area	BPE 131	NMC1019094	LODE	11/13/2009
South Area	BPE 132	NMC1019095	LODE	11/13/2009
South Area	BPE 133	NMC1019096	LODE	11/13/2009
South Area	BPE 134	NMC1019097	LODE	11/13/2009
South Area	BPE 136	NMC1019099	LODE	11/13/2009
South Area	BPE 137	NMC1019100	LODE	11/13/2009
South Area	BPE 138	NMC1019101	LODE	11/13/2009
South Area	BPE 139	NMC1019102	LODE	11/13/2009
South Area	BPE 14	NMC1018977	LODE	11/14/2009
South Area	BPE 140	NMC1019103	LODE	11/13/2009
South Area	BPE 141	NMC1019104	LODE	11/13/2009
South Area	BPE 142	NMC1019105	LODE	11/13/2009
South Area	BPE 143	NMC1019106	LODE	11/13/2009
South Area	BPE 144	NMC1019107	LODE	11/13/2009
South Area	BPE 145	NMC1019108	LODE	11/13/2009
South Area	BPE 146	NMC1019109	LODE	11/13/2009
South Area	BPE 147	NMC1019110	LODE	11/13/2009
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South Area	BPE 150	NMC1019113	LODE	11/13/2009
South Area	BPE 151	NMC1019114	LODE	11/13/2009
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South Area	BPE 154	NMC1019117	LODE	11/13/2009
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South Area	BPE 158	NMC1019121	LODE	11/13/2009
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South Area	BPE 16	NMC1018979	LODE	11/14/2009
South Area	BPE 160	NMC1019123	LODE	11/13/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
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South Area	BPE 164	NMC1019127	LODE	11/13/2009
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South Area	BPE 166	NMC1019129	LODE	11/13/2009
South Area	BPE 167	NMC1019130	LODE	11/16/2009
South Area	BPE 168	NMC1019131	LODE	11/16/2009
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South Area	BPE 17	NMC1018980	LODE	11/13/2009
South Area	BPE 170	NMC1019133	LODE	11/16/2009
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South Area	BPE 185	NMC1019148	LODE	11/16/2009
South Area	BPE 186	NMC1019149	LODE	11/16/2009
South Area	BPE 187	NMC1019150	LODE	11/16/2009
South Area	BPE 188	NMC1019151	LODE	11/16/2009
South Area	BPE 189	NMC1019152	LODE	11/16/2009
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South Area	BPE 190	NMC1019153	LODE	11/16/2009
South Area	BPE 191	NMC1019154	LODE	11/16/2009
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South Area	BPE 2	NMC1018965	LODE	11/14/2009
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South Area	BPE 21	NMC1018984	LODE	11/13/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BPE 22	NMC1018985	LODE	11/13/2009
South Area	BPE 23	NMC1018986	LODE	11/13/2009
South Area	BPE 24	NMC1018987	LODE	11/13/2009
South Area	BPE 25	NMC1018988	LODE	11/13/2009
North Area	BPE 253	NMC1019216	LODE	11/15/2009
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North Area	BPE 256	NMC1019219	LODE	11/16/2009
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North Area	BPE 272	NMC1019235	LODE	11/16/2009
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South Area	BPE 29	NMC1018992	LODE	11/13/2009
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South Area	BPE 294	NMC1019257	LODE	11/16/2009
South Area	BPE 295	NMC1019258	LODE	11/16/2009
South Area	BPE 296	NMC1019259	LODE	11/16/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
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South Area	BPE 298	NMC1019261	LODE	11/16/2009
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South Area	BPE 3	NMC1018966	LODE	11/14/2009
South Area	BPE 30	NMC1018993	LODE	11/13/2009
South Area	BPE 300	NMC1019263	LODE	11/16/2009
South Area	BPE 301	NMC1019264	LODE	11/16/2009
South Area	BPE 31	NMC1018994	LODE	11/13/2009
South Area	BPE 32	NMC1018995	LODE	11/13/2009
South Area	BPE 33	NMC1018996	LODE	11/13/2009
North Area	BPE 337	NMC1019300	LODE	11/15/2009
North Area	BPE 338	NMC1019301	LODE	11/15/2009
North Area	BPE 339	NMC1019302	LODE	11/15/2009
South Area	BPE 34	NMC1018997	LODE	11/13/2009
North Area	BPE 340	NMC1019303	LODE	11/15/2009
North Area	BPE 341	NMC1019304	LODE	11/15/2009
North Area	BPE 342	NMC1019305	LODE	11/15/2009
North Area	BPE 343	NMC1019306	LODE	11/15/2009
North Area	BPE 344	NMC1019307	LODE	11/15/2009
North Area	BPE 345	NMC1019308	LODE	11/15/2009
North Area	BPE 346	NMC1019309	LODE	11/15/2009
North Area	BPE 347	NMC1019310	LODE	11/15/2009
North Area	BPE 348	NMC1019311	LODE	11/15/2009
North Area	BPE 349	NMC1019312	LODE	11/16/2009
South Area	BPE 35	NMC1018998	LODE	11/13/2009
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North Area	BPE 351	NMC1019314	LODE	11/16/2009
North Area	BPE 352	NMC1019315	LODE	11/16/2009
North Area	BPE 353	NMC1019316	LODE	11/16/2009
North Area	BPE 354	NMC1019317	LODE	11/16/2009
North Area	BPE 355	NMC1019318	LODE	11/16/2009
North Area	BPE 356	NMC1019319	LODE	11/16/2009
North Area	BPE 357	NMC1019320	LODE	11/16/2009
North Area	BPE 358	NMC1019321	LODE	11/16/2009
South Area	BPE 36	NMC1018999	LODE	11/13/2009
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South Area	BPE 37	NMC1019000	LODE	11/13/2009
South Area	BPE 373	NMC1019336	LODE	11/16/2019
South Area	BPE 375	NMC1019338	LODE	11/16/2009
South Area	BPE 376	NMC1019339	LODE	11/16/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BPE 377	NMC1019340	LODE	11/16/2009
South Area	BPE 378	NMC1019341	LODE	11/16/2009
South Area	BPE 38	NMC1019001	LODE	11/13/2009
South Area	BPE 39	NMC1019002	LODE	11/13/2009
South Area	BPE 4	NMC1018967	LODE	11/14/2009
South Area	BPE 40	NMC1019003	LODE	11/13/2009
South Area	BPE 41	NMC1019004	LODE	11/13/2009
North Area	BPE 413	NMC1019376	LODE	11/15/2009
North Area	BPE 415	NMC1019378	LODE	11/15/2009
North Area	BPE 416	NMC1019379	LODE	11/15/2009
North Area	BPE 417	NMC1019380	LODE	11/15/2009
North Area	BPE 418	NMC1019381	LODE	11/15/2009
North Area	BPE 419	NMC1019382	LODE	11/15/2009
South Area	BPE 42	NMC1019005	LODE	11/13/2009
North Area	BPE 420	NMC1019383	LODE	11/15/2009
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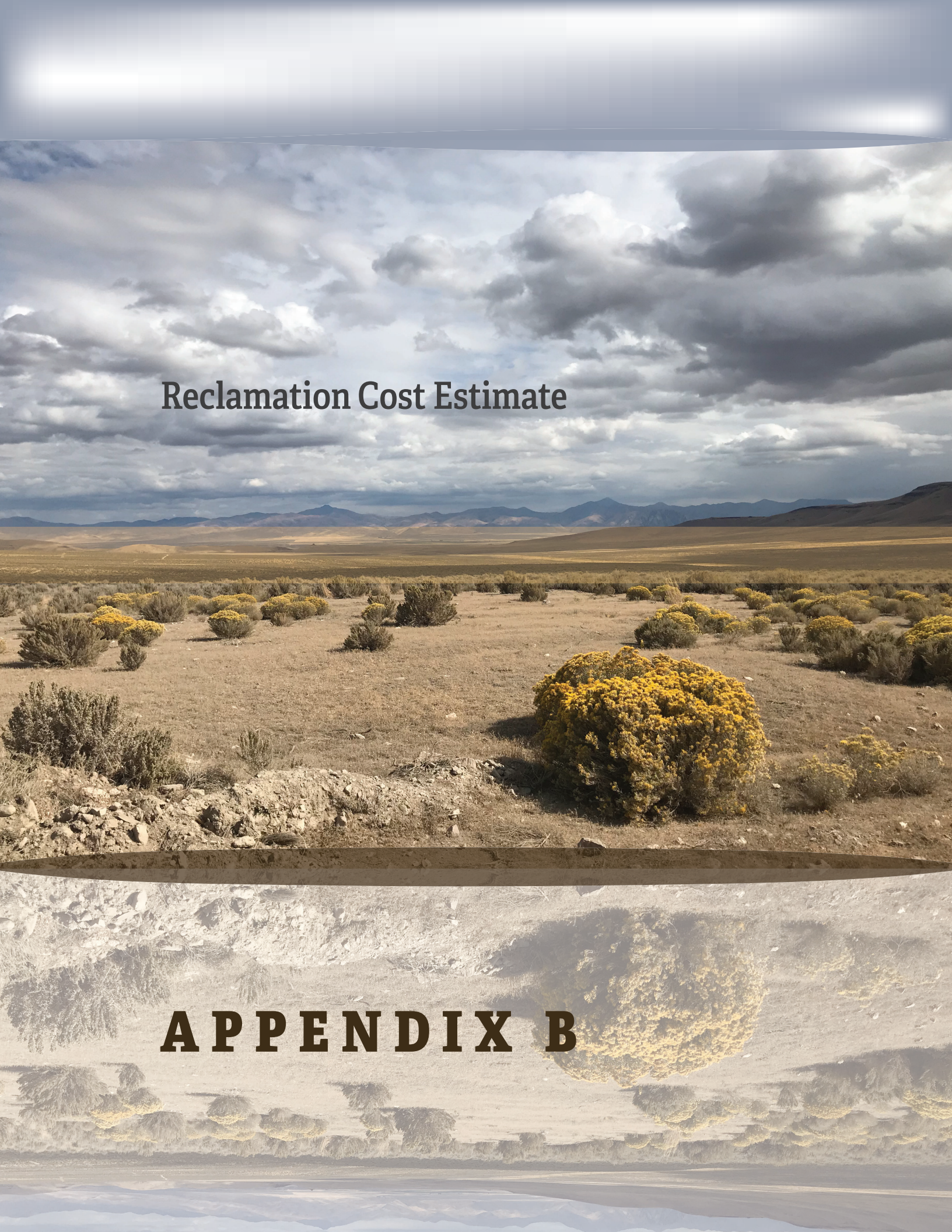
North Area	BPE 422	NMC1019385	LODE	11/15/2009
North Area	BPE 423	NMC1019386	LODE	11/19/2009
North Area	BPE 424	NMC1019387	LODE	11/19/2009
North Area	BPE 425	NMC1019388	LODE	11/19/2009
North Area	BPE 426	NMC1019389	LODE	11/19/2009
North Area	BPE 427	NMC1019390	LODE	11/19/2009
North Area	BPE 428	NMC1019391	LODE	11/19/2009
North Area	BPE 429	NMC1019392	LODE	11/19/2009
South Area	BPE 43	NMC1019006	LODE	11/13/2009
South Area	BPE 44	NMC1019007	LODE	11/13/2009
South Area	BPE 45	NMC1019008	LODE	11/13/2009
South Area	BPE 46	NMC1019009	LODE	11/13/2009
South Area	BPE 47	NMC1019010	LODE	11/13/2009
South Area	BPE 48	NMC1019011	LODE	11/13/2009
South Area	BPE 49	NMC1019012	LODE	11/13/2009
South Area	BPE 5	NMC1018968	LODE	11/14/2009
South Area	BPE 50	NMC1019013	LODE	11/13/2009
South Area	BPE 51	NMC1019014	LODE	11/13/2009
South Area	BPE 52	NMC1019015	LODE	11/13/2009
South Area	BPE 53	NMC1019016	LODE	11/13/2009
South Area	BPE 54	NMC1019017	LODE	11/13/2009
South Area	BPE 55	NMC1019018	LODE	11/13/2009
South Area	BPE 56	NMC1019019	LODE	11/13/2009
South Area	BPE 57	NMC1019020	LODE	11/13/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BPE 58	NMC1019021	LODE	11/13/2009
South Area	BPE 59	NMC1019022	LODE	11/13/2009
South Area	BPE 6	NMC1018969	LODE	11/14/2009
South Area	BPE 60	NMC1019023	LODE	11/13/2009
South Area	BPE 61	NMC1019024	LODE	11/13/2009
South Area	BPE 62	NMC1019025	LODE	11/13/2009
South Area	BPE 63	NMC1019026	LODE	11/13/2009
South Area	BPE 64	NMC1019027	LODE	11/13/2009
South Area	BPE 65	NMC1019028	LODE	11/13/2009
South Area	BPE 66	NMC1019029	LODE	11/13/2009
South Area	BPE 67	NMC1019030	LODE	11/13/2009
South Area	BPE 68	NMC1019031	LODE	11/13/2009
South Area	BPE 69	NMC1019032	LODE	11/13/2009
South Area	BPE 7	NMC1018970	LODE	11/14/2009
South Area	BPE 70	NMC1019033	LODE	11/13/2009
South Area	BPE 71	NMC1019034	LODE	11/13/2009
South Area	BPE 72	NMC1019035	LODE	11/13/2009
South Area	BPE 73	NMC1019036	LODE	11/13/2009
South Area	BPE 74	NMC1019037	LODE	11/13/2009
South Area	BPE 75	NMC1019038	LODE	11/13/2009
South Area	BPE 76	NMC1019039	LODE	11/13/2009
South Area	BPE 77	NMC1019040	LODE	11/13/2009
South Area	BPE 78	NMC1019041	LODE	11/13/2009
South Area	BPE 79	NMC1019042	LODE	11/13/2009
South Area	BPE 8	NMC1018971	LODE	11/14/2009
South Area	BPE 80	NMC1019043	LODE	11/13/2009
South Area	BPE 81	NMC1019044	LODE	11/13/2009
South Area	BPE 82	NMC1019045	LODE	11/13/2009
South Area	BPE 83	NMC1019046	LODE	11/13/2009
South Area	BPE 84	NMC1019047	LODE	11/13/2009
South Area	BPE 85	NMC1019048	LODE	11/13/2009
South Area	BPE 86	NMC1019049	LODE	11/13/2009
South Area	BPE 88	NMC1019051	LODE	11/13/2009
South Area	BPE 89	NMC1019052	LODE	11/13/2009
South Area	BPE 9	NMC1018972	LODE	11/14/2009
South Area	BPE 90	NMC1019053	LODE	11/13/2009
South Area	BPE 91	NMC1019054	LODE	11/13/2009
South Area	BPE 92	NMC1019055	LODE	11/13/2009
South Area	BPE 93	NMC1019056	LODE	11/13/2009
South Area	BPE 94	NMC1019057	LODE	11/13/2009

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	BPE 95	NMC1019058	LODE	11/13/2009
South Area	BPE 96	NMC1019059	LODE	11/13/2009
South Area	BPE 97	NMC1019060	LODE	11/13/2009
South Area	BPE 98	NMC1019061	LODE	11/13/2009
South Area	BPE 99	NMC1019062	LODE	11/13/2009
North Area	LONGHORN 2	NMC1170694	LODE	3/29/2018
North Area	LONGHORN 3	NMC1170695	LODE	3/29/2018
North Area	LONGHORN 5	NMC1170697	LODE	3/29/2018
North Area	LONGHORN 6	NMC1170698	LODE	3/29/2018
North Area	NEUTRON 101	NMC919307	LODE	11/3/2005
North Area	NEUTRON 103	NMC919309	LODE	11/3/2005
North Area	NEUTRON 105	NMC919311	LODE	11/3/2005
North Area	NEUTRON 186	NMC919362	LODE	11/3/2005
North Area	NEUTRON 187	NMC919363	LODE	11/3/2005
North Area	NEUTRON 188	NMC919364	LODE	11/3/2005
North Area	NEUTRON 189	NMC919365	LODE	11/3/2005
North Area	NEUTRON 190	NMC894562	LODE	2/25/2005
North Area	NEUTRON 192	NMC894564	LODE	2/25/2005
North Area	NEUTRON 194	NMC894566	LODE	2/25/2005
North Area	NEUTRON 196	NMC894568	LODE	2/25/2005
North Area	NEUTRON 198	NMC894570	LODE	2/25/2005
North Area	NEUTRON 347	NMC894719	LODE	2/25/2005
South Area	NEUTRON 366	NMC900239	LODE	4/28/2005
South Area	NEUTRON 399	NMC900272	LODE	4/27/2005
South Area	NEUTRON 401	NMC900274	LODE	4/27/2005
South Area	NEUTRON 402	NMC900275	LODE	4/27/2005
South Area	NEUTRON 445	NMC900318	LODE	4/27/2005
South Area	NEUTRON 447	NMC900320	LODE	4/28/2005
South Area	NEUTRON 448	NMC900321	LODE	4/28/2005
South Area	NEUTRON 449	NMC900322	LODE	4/28/2005
South Area	NEUTRON 450	NMC900323	LODE	4/28/2005
South Area	NEUTRON 491	NMC900364	LODE	4/26/2005
South Area	NEUTRON 493	NMC900366	LODE	4/26/2005
South Area	NEUTRON 494	NMC900367	LODE	4/26/2005
South Area	NEUTRON 495	NMC900368	LODE	4/26/2005
South Area	NEUTRON 496	NMC900369	LODE	4/26/2005
South Area	NEUTRON 497	NMC900370	LODE	4/26/2005
South Area	NEUTRON 498	NMC900371	LODE	4/26/2005
South Area	NEUTRON 535	NMC900408	LODE	4/29/2005
South Area	NEUTRON 537	NMC900410	LODE	4/29/2005

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	NEUTRON 538	NMC900411	LODE	4/29/2005
South Area	NEUTRON 539	NMC900412	LODE	5/10/2005
South Area	NEUTRON 540	NMC900413	LODE	5/10/2005
South Area	NEUTRON 541	NMC900414	LODE	5/10/2005
South Area	NEUTRON 542	NMC900415	LODE	5/10/2005
South Area	NEUTRON 543	NMC900416	LODE	5/10/2005
South Area	NEUTRON 544	NMC900417	LODE	5/10/2005
South Area	NEUTRON 545	NMC900418	LODE	5/10/2005
South Area	NEUTRON 546	NMC900419	LODE	5/10/2005
South Area	NEUTRON 565	NMC900438	LODE	4/29/2005
South Area	NEUTRON 566	NMC900439	LODE	4/29/2005
South Area	NEUTRON 567	NMC900440	LODE	4/29/2005
South Area	NEUTRON 568	NMC900441	LODE	4/29/2005
South Area	NEUTRON 569	NMC900442	LODE	4/29/2005
South Area	NEUTRON 570	NMC900443	LODE	4/29/2005
South Area	NEUTRON 571	NMC900444	LODE	5/10/2005
South Area	NEUTRON 572	NMC900445	LODE	5/10/2005
South Area	NEUTRON 573	NMC900446	LODE	5/10/2005
South Area	NEUTRON 574	NMC900447	LODE	5/10/2005
South Area	NEUTRON 584	NMC900457	LODE	5/11/2005
South Area	NEUTRON 585	NMC900458	LODE	5/11/2005
North Area	NEUTRON 97	NMC919303	LODE	11/3/2005
North Area	NEUTRON 99	NMC919305	LODE	11/3/2005
North Area	NEUTRON 248R	NMC1049259	LODE	5/1/2011
South Area	NEUTRON 25R	NMC1049235	LODE	5/1/2011
North Area	NEUTRON 250R	NMC1049260	LODE	5/1/2011
North Area	NEUTRON 252R	NMC1049261	LODE	5/1/2011
North Area	NEUTRON 254R	NMC1049262	LODE	5/1/2011
North Area	NEUTRON 256R	NMC1049263	LODE	5/1/2011
North Area	NEUTRON 258R	NMC1049264	LODE	5/1/2011
South Area	NEUTRON 26R	NMC1049236	LODE	5/1/2011
North Area	NEUTRON 260R	NMC1049265	LODE	5/1/2011
North Area	NEUTRON 262R	NMC1049266	LODE	5/1/2011
North Area	NEUTRON 264R	NMC1049267	LODE	5/1/2011
North Area	NEUTRON 348R	NMC1029479	LODE	5/1/2011
South Area	ROCK 1	NMC1164758	LODE	11/8/2017
South Area	ROCK 10	NMC1164767	LODE	11/8/2017
South Area	ROCK 11	NMC1164768	LODE	11/8/2017
South Area	ROCK 12	NMC1164769	LODE	11/8/2017
South Area	ROCK 13	NMC1164770	LODE	11/8/2017

Area	Claim Name	Serial Number	Case Type	Loc Date
South Area	ROCK 14	NMC1164771	LODE	11/8/2017
South Area	ROCK 15	NMC1164772	LODE	11/8/2017
South Area	ROCK 16	NMC1164773	LODE	11/8/2017
South Area	ROCK 17	NMC1164774	LODE	11/8/2017
South Area	ROCK 18	NMC1164775	LODE	11/8/2017
South Area	ROCK 19	NMC1164776	LODE	11/8/2017
South Area	ROCK 2	NMC1164759	LODE	11/8/2017
South Area	ROCK 20	NMC1164777	LODE	11/8/2017
South Area	ROCK 3	NMC1164760	LODE	11/8/2017
South Area	ROCK 4	NMC1164761	LODE	11/8/2017
South Area	ROCK 5	NMC1164762	LODE	11/8/2017
South Area	ROCK 6	NMC1164763	LODE	11/8/2017
South Area	ROCK 7	NMC1164764	LODE	11/8/2017
South Area	ROCK 8	NMC1164765	LODE	11/8/2017
South Area	ROCK 9	NMC1164766	LODE	11/8/2017



Reclamation Cost Estimate

APPENDIX B

Enter Data Below in Green and Blue Spaces

STANDARDIZED RECLAMATION COST ESTIMATOR

Version 1.4.1
Build 017b (Revised 16 May 2019)

Approved for use in Nevada, August 1, 2012

COST DATA FILE INFORMATION

File Name:	SRCE_NSExplor_08012019.xlsm
Cost Data File:	SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Data Date:	August 1, 2019
Cost Data Basis:	User Data
Data Cost Units:	Imperial
Author/Source:	Nevada Division of Environmental Protection (NDEP) & NV BLM

PROJECT INFORMATION

Property/Mine Name:	Lithium Nevada Corp.
Property Code:	
Project Name:	Lithium Nevada Corp. Thacker North South Exploration Project
Date of Submittal:	August 1, 2019
Average Altitude:	4900 ft.
Select One:	☐ Notice or Sm Exploration Plan ☑ Lg Exploration Plan ☐ Mine Operation
Select One:	☐ Private Land ☑ Public or Public/Private
Cost Estimate Type:	Surety
Cost Basis Category:	Northern Nevada
Cost Basis Description:	**Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Mineral, Pershing, Storey, Washoe, and White Pine Counties**

Closure Cost Estimate
Cost Summary

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project
Project Date: August 1, 2019
Model Version: Version 1.4.1
File Name: SRCE_NSExplor_08012019.xlsm

A. Earthwork/Recontouring	Labor [1]	Equipment [2]	Materials	Total
Exploration	$14,610	$36,582	$2,010	$53,202
Exploration Roads & Drill Pads	$4,208	$7,518	$0	$11,726
Roads	$0	$0	$0	$0
Well Abandonment	$0	$0	$0	$0
Pits	$0	$0	N/A	$0
Quarries & Borrow Areas	$0	$0	$0	$0
Underground Openings	$0	$0	$0	$0
Process Ponds	$0	$0	$0	$0
Heaps	$0	$0	$0	$0
Waste Rock Dumps	$0	$0	$0	$0
Landfills	$0	$0	$0	$0
Tailings	$0	$0	$0	$0
Foundation & Buildings Areas	$0	$0	$0	$0
Yards, Etc.	$0	$0	$0	$0
Drainage & Sediment Control	$0	$0	$0	$0
Generic Material Hauling	$0	$0	$0	$0
Other User Costs (from Other User sheet)	$0	$0	$0	$0
Other**	**$2,941**	**$2,942**		$5,883
Subtotal	**$21,759**	**$47,042**	**$2,010**	**$70,811**
Mob/Demob if included in Other User sheet	$0	$0	$0	$0
Mob/Demob				$0
Subtotal "A"	**$21,759**	**$47,042**	**$2,010**	**$70,811**

B. Revegetation/Stabilization	Labor [1]	Equipment [2]	Materials	Total
Exploration	$0	$0	$0	$0
Exploration Roads & Drill Pads	$1,357	$516	$3,368	$5,241
Roads	$0	$0	$0	$0
Well Abandonment				N/A
Pits	$0	$0	$0	$0
Quarries & Borrow Areas	$0	$0	$0	$0
Underground Openings				N/A
Process Ponds	$0	$0	$0	$0
Heaps	$0	$0	$0	$0
Waste Rock Dumps	$0	$0	$0	$0
Landfills	$0	$0	$0	$0
Tailings	$0	$0	$0	$0
Foundation & Buildings Areas	$0	$0	$0	$0
Yards, Etc.	$0	$0	$0	$0
Drainage & Sediment Control	$0	$0	$0	$0
Generic Material Hauling	$0	$0	$0	$0
Other User Costs (from Other User sheet)	$0	$0	$0	$0
Other**				$0
Subtotal "B"	**$1,357**	**$516**	**$3,368**	**$5,241**

C. Detoxification/Water Treatment/Disposal of Wastes**	Labor [1]	Equipment [2]	Materials	Total
Process Ponds/Sludge				$0
Heaps				$0
Dumps (Waste & Landfill)				$0
Tailings				$0
Surplus Water Disposal				$0
Monitoring				$0
Miscellaneous				$0
Solid Waste - On Site	$0	$0	N/A	$0
Solid Waste - Off Site				$903
Hazardous Materials				$0
Hydrocarbon Contaminated Soils	$0	$0	$0	$0
Other User Costs (from Other User sheet)	$0	$0	$0	$0
Other**				$0
Subtotal "C"	**$0**	**$0**	**$0**	**$903**

D. Structure, Equipment and Facility Removal, and Misc.	Labor [1]	Equipment [2]	Materials	Total
Foundation & Buildings Areas	$0	$0	$0	$0
Other Demolition	$0	$0	$0	$0
Equipment Removal	$104	$72	$0	$176
Fence Removal	$0	$0		$0
Fence Installation	$0	$0	$0	$0
Culvert Removal	$0	$0	N/A	$0
Pipe Removal	$0	$0	N/A	$0
Powerline Removal	$0			$0
Transformer Removal	$0			$0
Rip-rap, rock lining, gabions	$0	$0	$0	$0
Other Misc. Costs	$0	$0	$0	$0
Other User Costs (from Other User sheet)	$0	$0	$0	$0
Other**				$0
Subtotal "D"	**$104**	**$72**	**$0**	**$176**

E. Monitoring	Labor [1]	Equipment [2]	Materials	Total
Reclamation Monitoring and Maintenance	$5,693	$242	$337	$6,272
Ground and Surface Water Monitoring	$0	$0	$0	$0
Other User Costs (from Other User sheet)	$0	$0	$0	$0
Subtotal "E"	**$5,693**	**$242**	**$337**	**$6,272**

F. Construction Management & Support	Labor	Equipment [2]	Materials	Total
Construction Management	$1,730	$330	N/A	$2,060
Construction Support	$0	$22	$0	$22
Road Maintenance	$723	$1,116	$0	$1,839
Other User Costs (from Other User sheet)	$0	$0	$0	$0
Other**				$0
Subtotal "F"	**$2,453**	**$1,468**	**$0**	**$3,921**

Subtotal Operational & Maintenance Costs	Labor [1]	Equipment [2]	Materials [3]	Total
Subtotal A through F	**$31,366**	**$49,339**	**$5,715**	**$87,324**

** Other Operator supplied costs - additional documentation required.

Closure Cost Estimate
Cost Summary

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project
Project Date: August 1, 2019
Model Version: Version 1.4.1
File Name: SRCE_NSExplor_08012019.xlsm

Indirect Costs		Include?	Total
1. Engineering, Design and Construction (ED&C) Plan (7)			$6,986
2. Contingency (8)			$8,732
3. Insurance (9)	$470		$470
4. Performance Bond (10)			N/A
5. Contractor Profit (11)			$8,732
6. Contract Administration (12)			$8,732
7. Government Indirect Cost (13)			$1,834
Subtotal Add-On Costs			**$35,486**
Total Indirect Costs as % of Direct Cost			41%
GRAND TOTAL			**$122,810**

Administrative Cost Rates (%)

	Cost Ranges for Indirect Cost Percentages				
	<=	<=	<=	>	
1. Engineering, Design and Construction (ED&C) Plan (7)	$1,000,000	$25,000,000		$25,000,000	Small Plan
Variable Rate	8%	6%		4%	0%
	<=	<=	<=	>	
2. Contingency (8)	$500,000	$5,000,000	$50,000,000	$50,000,000	Small Plan
Variable Rate	10%	8%	6%	4%	0%
3. Insurance (9)	1.5%	of labor costs			
4. Bond (10)	3.0%	of the O&M costs if O&M costs are >$100,000			
5. Contractor Profit (11)	10%	of the O&M costs			
	<=	<=	<=	>	
6. Contract Administration (12)	$1,000,000	$25,000,000		$25,000,000	
Variable Rate	10%	8%		6%	
Government Indirect Cost (13)	21%	of contract administration			

RECLAMATION COST ESTIMATION SUMMARY SHEET FOOTNOTES

1. Federal construction contracts require Davis-Bacon wage rates for contracts over $2,000. Wage rate estimates may include base pay, payroll loading,
2. The reclamation cost estimate must include the estimated plugging cost of at least one drill hole for each active drill rig in the project area. Where the
3. Miscellaneous items should be itemized on accompanying worksheets.
4. Fluid management should be calculated only when mineral processing activities are involved. Fluid management represents the costs of maintaining proper
5. Handling of hazardous materials includes the cost of decontaminating, neutralizing, disposing, treating and/or isolating all hazardous materials used, produced,
6. Any mitigation measures required in the Plan of Operations must be included in the reclamation cost estimate. Mitigation may include measures to avoid,
7. Engineering, design and construction (ED&C) plans are often necessary to provide details on the reclamation needed to contract for the required work. To
8. A contingency cost is included in the reclamation cost estimation to cover unforeseen cost elements. Calculate the contingency cost as a percentage of the
9. Insurance premiums are calculated at 1.5% of the total labor costs. Enter the premium amount if liability insurance is not included in the itemized unit costs.
10. Federal construction contracts exceeding $100,000 require both a performance and a payment bond (Miller Act, 40 USC 270et seq.). Each bond premium is
11. For Federal construction contracts, use 10% of estimated O&M cost for the contractor's profit.
12. To estimate the contract administration cost, use 6 to 10% of the operational and maintenance (O&M) cost. Calculate the contract administration cost as a
13. Government indirect cost rate is 21% of the contract administration costs.

Closure Cost Estimate
Reclamation Quantities

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Data Cost File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety **Cost Basis: Northern Nevada**

Reclamation Quantity Summary

	Description	Total Regrade or Haul Volume cy	Total Regrade or Haul Cost $	Total Cover Volume cy	Cover Placement Cost $	Total Growth Media Volume cy	Growth Media Placement Cost $	Total Surface Area acres	Total Scarify Cost $	Total Revetation Cost $	TOTALS $	Unit Costs: Regrade Unit Cost $/CY	Material Haul or Backfill Unit Cost $/CY	Cover Unit Cost $/CY	Growth Media Unit Cost $/CY	Scarify Unit Cost $/CY	Area Unit Cost $/acre
1	Waste Rock Dumps		$ -		$ -		$ -		$ -	$ -	$ -		N/A				
2	Tailings Impoundments		$ -		$ -		$ -		$ -	$ -	$ -		N/A				
3	Heap Leach Pads		$ -		$ -		$ -		$ -	$ -	$ -		N/A				
5	Open Pits		$ -							$ -	$ -		N/A				
4	Quarries & Borrow Pits		$ -		$ -		$ -		$ -	$ -	$ -		N/A				
6	Roads		$ -				$ -		$ -	$ -	$ -		N/A				
7	Landfills		$ -		$ -		$ -		$ -	$ -	$ -		N/A				
8	Buildings				$ -		$ -		$ -	$ -	$ -		N/A				
9	Yards		$ -		$ -		$ -		$ -	$ -	$ -		N/A				
10	Ponds		$ -				$ -			$ -	$ -	N/A					
11	Exploration Roads	2,257	$ 4,093			5,882	$ 7,633	10.12	$ -	$ 5,241	$ 16,967	$1.81	N/A		$1.30	$0.00	$1,676.58
12	Exploration Trenches		$ -							$ -	$ -		N/A				
13	Diversion Ditches		$ -							$ -	$ -		N/A				
14	Sediment Ponds		$ -				$ -		$ -	$ -	$ -						
15	Generic Haulage/Backfill		$ -		$ -		$ -		$ -	$ -	$ -	N/A					
16	Adit/Decline Backfilling1		$ -								$ -	N/A					
17	Shaft Backfilling		$ -								$ -	N/A					
	TOTALS	2,257	$ 4,093	-	$ -	5,882	$ 7,633	10.12	$ -	$ 5,241	$ 16,967						
	Average Costs	per CY	$1.81	per CY		per CY	$1.30	per acre	$0.00		$1,677	per acre					

Closure Cost Estimate
Exploration

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Exploration - Cost Summary	Labor	Equipment	Materials	Totals
Hole Abandonment Costs	$14,610	$36,582	$2,010	$53,202
Trench Backfilling Costs	$0	$0		$0
Subtotal Earthworks	**$14,610**	**$36,582**	**$2,010**	**$53,202**
Trench Revegetation Costs	$0	$0	$0	$0
TOTALS	**$14,610**	**$36,582**	**$2,010**	**$53,202**

Exploration Drillhole Abandonment - User Input

	Facility Description		Hole Plugging							
	Description (required)	ID Code	Hole Type (select)	Diameter in	Total Number of Holes	Max Holes Open at One Time	Casing to Remove ft	Average Depth of Hole[1] ft bgs	Depth to Water ft bgs	Hole Plug Method (select)
1	2017 293 S NOI - Drill Sites (16 new pads)		Core	4.0	16.0	4.0	0.0	600.0	180.0	Grout + Backfill
2	2017 293 S NOI - Drill Sites (Sept 2017 - 4 new pads)		Core	4.0	4.0	4.0	0.0	600.0	180.0	Grout + Backfill
3	2018 293 S NOI - Drill Sites (June 2018 - 17 new pads)		Core	4.0	17.0	4.0	0.0	600.0	180.0	Grout + Backfill
4	2017 Far East NOI - Drill Site (note #1)		Core	4.0	1.0	4.0	0.0	600.0	180.0	Grout + Backfill
5	2019 N-S POO North Drill Site Wk Pln #1 (1 new pad)		Core	4.0	1.0	4.0	0.0	600.0	180.0	Grout + Backfill
6	2019 N-S POO South Drill Site Wk Pln #1 (13 new pads)		Core	4.0	13.0	4.0	0.0	600.0	180.0	Grout + Backfill

Notes:
1. If core holes are pre-drilled, use length of hole below pre-drilled length
2. If Top Plug is selected, assumes maximum 1/2hr laborer time to place plug and backfill with cuttings/soil (including move-to/set up time).

Far East Note #1: This RCE includes existing disturbance associated with the Far East NOI, occurring within the North-South Explore POO. As of 7/30/2019, one existing drill pad (from the Far East NOI) is located within the Thacker North South Exploration POO Boundary, representing 0.1 acre.

Closure Cost Estimate
Exploration

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Exploration - Cost Summary

	Labor	Equipment	Materials	Totals
Hole Abandonment Costs	$14,610	$36,582	$2,010	$53,202
Trench Backfilling Costs	$0	$0		$0
Subtotal Earthworks	**$14,610**	**$36,582**	**$2,010**	**$53,202**
Trench Revegetation Costs	$0	$0	$0	$0
TOTALS	**$14,610**	**$36,582**	**$2,010**	**$53,202**

Exploration Trenches - User Input

Facility Description		Trench Parameters					Backfill			Revegetation		
Description (required)	ID Code	Trench Length ft	Trench Depth ft	Trench Bottom Width ft	Trench Sideslope Angle degrees	Additional Hrs for Walk-in [1] hr	Backfill Material (select)	Cut Material Type (select)	Backfilling Fleet (select)	Seed Mix (select)	Mulch (select)	Fertilizer (select)

Notes:
1. Include one-way hours necessary to walk equipment in from drop-off point to work area
2. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

Closure Cost Estimate
Exploration

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
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Subtotal Earthworks	**$14,610**	**$36,582**	**$2,010**	**$53,202**
Trench Revegetation Costs	$0	$0	$0	$0
TOTALS	**$14,610**	**$36,582**	**$2,010**	**$53,202**

Exploration Drillhole Abandonment

	Description (required)	Vol/foot of depth ft3	Hole Plugging Material (1)	Total Grout Volume (2) cy	Total Cuttings Volume cy	Total Top Seal Volume (3,4) cy	Total Drillhole Abandon. Hours (6,7) hrs	Casing Removal Labor Cost (5) $	Casing Removal Equipment Cost $	Plugging Labor Cost $	Plugging Equipment Cost $	Plugging Material Cost $	Top Seal Material Cost (2,3) $	Total Cost (6,7) $
1	**2017 293 S NOI - Drill Sites (16 new pads)**	0.090	Grout + Cuttings	1.96	0.37	0.08	6	$0	$0	$2,435	$6,097	$323	$12	$8,867
2	**2017 293 S NOI - Drill Sites (Sept 2017 - 4 new pads)**	0.090	Grout + Cuttings	1.96	0.37	0.08	6	$0	$0	$2,435	$6,097	$323	$12	$8,867
3	**2018 293 S NOI - Drill Sites (June 2018 - 17 new pads)**	0.090	Grout + Cuttings	1.96	0.37	0.08	6	$0	$0	$2,435	$6,097	$323	$12	$8,867
4	**2017 Far East NOI - Drill Site (note #1)**	0.090	Grout + Cuttings	1.96	0.37	0.08	6	$0	$0	$2,435	$6,097	$323	$12	$8,867
5	**2019 N-S POO North Drill Site Wk Pln #1 (1 new pad)**	0.090	Grout + Cuttings	1.96	0.37	0.08	6	$0	$0	$2,435	$6,097	$323	$12	$8,867
6	**2019 N-S POO South Drill Site Wk Pln #1 (13 new pads)**	0.090	Grout + Cuttings	1.96	0.37	0.08	6	$0	$0	$2,435	$6,097	$323	$12	$8,867
				11.76	2.22	0.48	36	**$0**	**$0**	**$14,610**	**$36,582**	**$1,938**	**$72**	**$53,202**

Notes:

1. Assumes grout backfill from bottom of hole to 50' (15.24m) above static water level, up to 10' (3m) from top of hole
2. Assumes 25% loss to formation for grout backfill
3. If "Top Plug" hole plug method is used, assumes physical plug installed without backfill, grout or cement. Not available option for Nevada projects
4. Assumes top 20' (6 m) of hole is plugged with cement if "Grout Only", "Backfill + Grout", or "Cement Plug" hole plug method are chosen.
5. Assumes that a) casing is not cemented entire length, b) does not include temporary surface casing
6. Assumes minimum 1 hr per hole for abandonment (excluding move-to and casing removal)
7. Assumes fixed hours per hole for setup & tear-down and moving between holes (see Productivty Sheet) per drill hole (includes rig time if grouting required, labor crew only if cuttings backfill only)

Closure Cost Estimate
Exploration

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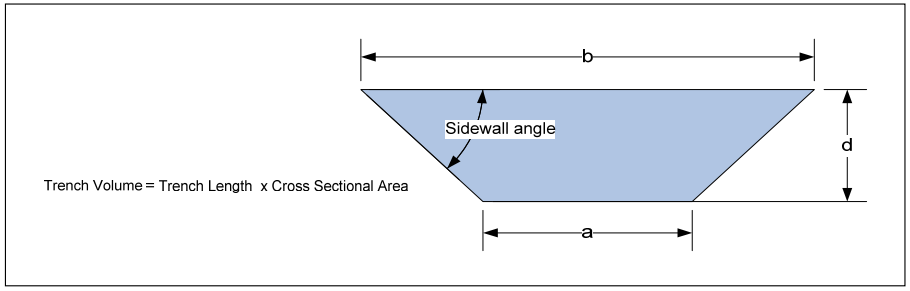
Trench Revegetation Costs	$0	$0	$0	$0
TOTALS	**$14,610**	**$36,582**	**$2,010**	**$53,202**

Exploration Trenches - Calculations

Exploration Trench Volume Calculation



Dozing & Ripping/Scarifying Calculations

Dozing: Dozing distance = 1/2 trench length or 400 ft (max push) whichever is less
Assumes flat push (grade correction factor = 1)

Revegetation: 10 ft added to trench width to account for revegetation under spoil pile

Closure Cost Estimate
Exploration

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Exploration - Cost Summary				
	Labor	Equipment	Materials	Totals
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Trench Backfilling Costs	$0	$0		$0
Subtotal Earthworks	**$14,610**	**$36,582**	**$2,010**	**$53,202**
Trench Revegetation Costs	$0	$0	$0	$0
TOTALS	**$14,610**	**$36,582**	**$2,010**	**$53,202**

Exploration Trenches - Backfill/Regrading Costs

Productivity = Dozer Productivity x Grade Correction x Density Correction x Operator (0.75) x Material x Visibility x Job Efficiency (0.83)

Description (required)	Trench Backfill Volume	Dozer Push Distance	Equipment Productivity	Dozing Material	Density Correction	Backfilling Fleet	Corrected Hourly Productivity	Total Dozer Hours	Trench Backfill Labor Cost	Trench Backfill Equipment Cost	Total Trench Backfill Cost
	LCY (BCY+30%)	ft	yd3/hr				yd3/hr	hr	$	$	$
									$0	**$0**	**$0**

Closure Cost Estimate
Exploration

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Exploration - Cost Summary				
	Labor	Equipment	Materials	Totals
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Trench Backfilling Costs	$0	$0		$0
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Trench Revegetation Costs	$0	$0	$0	$0
TOTALS	**$14,610**	**$36,582**	**$2,010**	**$53,202**

Exploration Trenches - Revegetation Costs

Description (required)	Surface Area acres	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revgetation Material Cost $	Total Revegetation Cost $
		$0	**$0**	**$0**	**$0**

Closure Cost Estimate
Expl. Roads & Pads

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
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Cost Estimate Type: Surety Cost Basis: Northern Nevada

Exploration Roads & Pads - Cost Summary

	Labor	Equipment	Materials	Totals
Grading Costs	$1,744	$2,349	N/A	$4,093
Cover Placement Cost	$2,464	$5,169	N/A	$7,633
Ripping/Scarifying Cost	$0	$0	N/A	$0
Subtotal Earthworks	**$4,208**	**$7,518**		**$11,726**
Revegetation Cost	$1,357	$516	$3,368	$5,241
TOTALS	**$5,565**	**$8,034**	**$3,368**	**$16,967**

Exploration Roads & Pads - User Input

You must fill in ALL green cells and relevant blue cells in this section for each road

	Facility Description		Physical (1) - MANDATORY										User Overrides		Growth Media		
	Description (required)	ID Code	Underlying Ground Slope % grade	Ungraded Slope _H:1V	Cut Slope degrees	Road + Drill Pad Length ft	Road Width ft	Number of Drill Pads	Individual Sump Volume cy	Drill Pad Width ft	Drill Pad Length ft	Slope Replacement Percent %	Regrade Volume (if calculated elsewhere) cy	Disturbed Area (if calculated elsewhere) acres	Growth Media Thickness in	Distance to Growth Media Stockpile ft	Slope from Road to Stockpile % grade
1	2017 293 S NOI - Constructed New Exploration Road		5.0	1.3	53.0	8,588	12.0	0	0	0.0	0	100%			12	1	0.0
2	2017 293 S NOI - Explore Drill Site (16 Pads: 60x30 ft each)		5.0	1.3	53.0	960	0.0	16	9	30.0	60	100%			12	1	0.0
3	2018 293 S NOI - Explore Drill Sites (4 pads; 60x18 ft)(#5)		5.0	1.3	53.0	240	0.0	4	0	18.0	60	100%			0	0	0.0
4	2018 293 S NOI - Graded Roads (12 ft wide, 2682 ft)		5.0	1.3	53.0	2,682	12.0	0	0	0.0	0	100%			0	0	0.0
5	2018 293 S NOI - Overland Travel (6 ft wide, 5269 ft)		5.0	1.3	53.0	5,269	6.0	0	0	0.0	0	100%			0	0	0.0
6	2018 293 S NOI new drill pads (30 x 60 ft, 17 each)		5.0	1.3	53.0	1,020	0.0	17	9	30.0	60	100%			0	0	0.0
7	2019 293 S. NOI - Acreage Correction (#6)		5.0	1.3	53.0	2,251	12.0	0	0	0.0	0	100%			0	0	0.0
8	2017 Far East Constructed Road & Drill Sites (#7)		5.0	1.3	53.0	1,452	12.0	1	9	30.0	60	100%			12	1	0.0
9	2019 N-S Explore POO Work Pln #1 North		6.0	1.3	53.0	1,150	12.0	1	9	30.0	60	100%			0	0	0.0
10	2019 N-S Explore POO Work Pln #1 South		6.0	1.3	53.0	9,285	12.0	13	9	30.0	60	100%			0	0	0.0

Notes:
1. All Physical parameters must be input even if manual overrides for volume or area are used.
2. Slope replacement refers to the percentage of cut volumn replaced during regrading.
3. If Slope from facility to borrow source is >20, downhill travel time may be underestimated due to limitation of uphill travel time curves and downhill speed tables from CAT Handbook (see Productivty Sheet)
4. Sump volume will be applied to all roads on slopes <20%. On slopes >20% pad width (i.e. cut volume) should be adequate to account for sump volume.

5. drill pads would be located on the existing road, and adjacent to the road. Drill pads would be along the east side of the road.
6. 293 S NOI original permit allowed 4.62 acre disturbance. Actual disturbance in 2018 totalled 5.34 acre. This additional line item (0.62 acre disturbance) has bene added to the SRCE to correct for acreage disturbance overage.
7. Far East NOI Actual disturbance as of 12/30/2018, within the North South Exploration POO Boundary only is 0.5 acre (30x60 drill pad; rounded to 0.1 acre)(0.4 acre road; 1452 ft long x 12 ft wide).
The remaining existing disturbance under Far East NOI is bonded under a separate permit action POO (the Thacker Pass Project POO) and represents 0.2 acre (30x60 drill pad; rounded to 0.1 acre)(1 road 399.3 ft long x 12 ft wide, 0.1 acre)

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Exploration Roads & Pads - Cost Summary

	Labor	Equipment	Materials	Totals
Grading Costs	$1,744	$2,349	N/A	$4,093
Cover Placement Cost	$2,464	$5,169	N/A	$7,633
Ripping/Scarifying Cost	$0	$0	N/A	$0
Subtotal Earthworks	**$4,208**	**$7,518**		**$11,726**
Revegetation Cost	$1,357	$516	$3,368	$5,241
TOTALS	**$5,565**	**$8,034**	**$3,368**	**$16,967**

Exploration Roads & Pads - User Input (cont.) You must fill in ALL green cells and relevant blue cells in this section for each road

		Grading				Growth Media				Revegetation				
	Description (required)	Regrade Material Condition (select)	Cut Material Type (select)	Recontouring Equipment Fleet (select)	Additional Hrs for Walk-in [1]	Growth Media Material Type (select)	Growth Media Placement Equipment Fleet (select)	Maximum Fleet Size (user override)	Additional Hrs for Walk-in [1]	Seed Mix (select)	Mulch (select)	Fertilizer (select)	Scarifying/ Ripping? (select)	Ripping Fleet (select)
1	**2017 293 S NOI - Constructed New Exploration Road**	**1**	**Alluvium**	**Small Dozer**		**Topsoil**	**Small Truck**			**Mix 2**			**Yes**	
2	**2017 293 S NOI - Explore Drill Site (16 Pads: 60x30 ft each)**	**1**	**Alluvium**	**Small Dozer**		**Topsoil**	**Small Truck**			**Mix 2**			**Yes**	
3	**2018 293 S NOI - Explore Drill Sites (4 pads; 60x18 ft)(#5)**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	
4	**2018 293 S NOI - Graded Roads (12 ft wide, 2682 ft)**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	
5	**2018 293 S NOI - Overland Travel (6 ft wide, 5269 ft)**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	
6	**2018 293 S NOI new drill pads (30 x 60 ft, 17 each)**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	
7	**2019 293 S. NOI - Acreage Correction (#6)**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	
8	**2017 Far East Constructed Road & Drill Sites (#7)**	**1**	**Alluvium**	**Small Dozer**		**Topsoil**	**Small Truck**			**Mix 2**			**Yes**	
9	**2019 N-S Explore POO Work Pln #1 North**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	
10	**2019 N-S Explore POO Work Pln #1 South**	**1**	**Alluvium**	**Small Dozer**						**Mix 2**			**Yes**	

Notes:
1. Include one-way hours necessary to walk equipment in from drop-off point to work area
2. Material Types are used for density correction based on material densities in Caterpillar Performance Handbook material density table

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Exploration Roads & Pads - Calculations

Regrading Volume and Footprint Volume

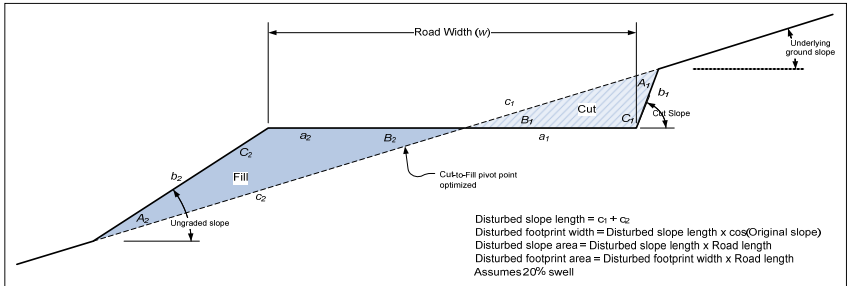

Figure 1 - Regrading Volume Calculation

Will not allow dozer for slopes greater than 30%
For dozer regrading push distance = road width
Assumes dozer push is uphill
Assumes minimum push distance of 100 ft

Swell Factor: 1.2

Ripping/Scarifying Calculations

Minimum 1 hr ripping/scarifying time per area
Number of passes = Final slope length ÷ Grader width
Travel distance = Number of passes x Road length
Total hours = (Travel distance ÷ Grader productivity) + (Number of passes x Grader maneuver time)
For dozer regrading assumes push distance = 3 x road width

Revegetation Calculations

Minimum of 1 acre crew time per area

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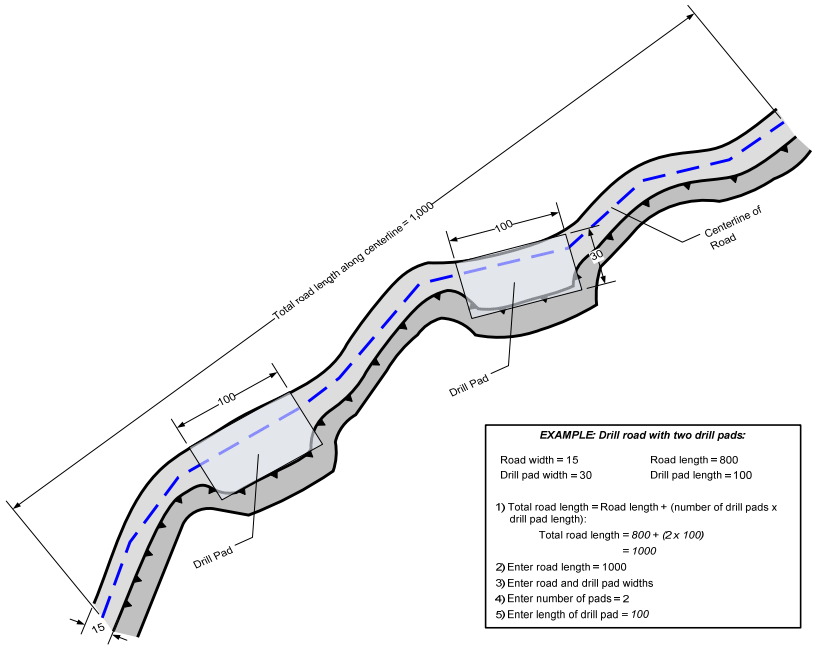
Inputting Exploration Roads and Drill Pads



EXAMPLE: Drill road with two drill pads:

Road width = 15 Road length = 800
Drill pad width = 30 Drill pad length = 100

1) Total road length = Road length + (number of drill pads x drill pad length):
Total road length = *800 + (2 x 100)*
= 1000
2) Enter road length = 1000
3) Enter road and drill pad widths
4) Enter number of pads = *2*
5) Enter length of drill pad = *100*

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TOTALS	**$5,565**	**$8,034**	**$3,368**	**$16,967**

Exploration Roads & Pads - Regrading Costs

	Description (required)	Total Road Length ft	Total Drill Pad Length ft	Regrading Volume cy	Recontouring Fleet	Equipment Productivity cy/hr	Total Equipment Hours (1) hr	Total Labor Cost $	Total Equipment Cost $	Total Regrading Cost $
1	**2017 293 S NOI - Constructed New Exploration Road**	8,588	0	330	D6R	98	3	$209	$282	$491
2	**2017 293 S NOI - Explore Drill Site (16 Pads: 60x30 ft each)**	0	960	375	D6R	98	4	$279	$376	$655
3	**2018 293 S NOI - Explore Drill Sites (4 pads; 60x18 ft)(#5)**	0	240	21	D6R	98	1	$70	$94	$164
4	**2018 293 S NOI - Graded Roads (12 ft wide, 2682 ft)**	2,682	0	103	D6R	98	1	$70	$94	$164
5	**2018 293 S NOI - Overland Travel (6 ft wide, 5269 ft)**	5,269	0	51	D6R	98	1	$70	$94	$164
6	**2018 293 S NOI new drill pads (30 x 60 ft, 17 each)**	0	1,020	398	D6R	98	4	$279	$376	$655
7	**2019 293 S. NOI - Acreage Correction (#6)**	2,251	0	87	D6R	98	1	$70	$94	$164
8	**2017 Far East Constructed Road & Drill Sites (#7)**	1,392	60	76	D6R	98	1	$70	$94	$164
9	**2019 N-S Explore POO Work Pln #1 North**	1,090	60	77	D6R	93	1	$70	$94	$164
10	**2019 N-S Explore POO Work Pln #1 South**	8,505	780	739	D6R	93	8	$557	$751	$1,308
		29,777	3,120	2,257			25	**$1,744**	**$2,349**	**$4,093**

(1) Includes walk-in time based on distance and travel speed (see Productivity sheet for speeds)

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Ripping/Scarifying Cost	$0	$0	N/A	$0
Subtotal Earthworks	**$4,208**	**$7,518**		**$11,726**
Revegetation Cost	$1,357	$516	$3,368	$5,241
TOTALS	**$5,565**	**$8,034**	**$3,368**	**$16,967**

Exploration Roads & Pads - Growth Media Costs

	Description (required)	Growth Media Volume cy	Growth Media Replacement Fleet	Fleet Productivity LCY/hr	Number of Trucks/ Scrapers	Total Fleet Hours	Total Labor Cost $	Total Equipment Cost $	Total Growth Media Cost $
1	**2017 293 S NOI - Constructed New Exploration Road**	4,032	725/966G/D7R	503	2	8	$1,792	$3,759	$5,551
2	**2017 293 S NOI - Explore Drill Site (16 Pads: 60x30 ft each)**	1,127	725/966G/D7R	503	2	2	$448	$940	$1,388
3	**2018 293 S NOI - Explore Drill Sites (4 pads; 60x18 ft)(#5)**						$0	$0	$0
4	**2018 293 S NOI - Graded Roads (12 ft wide, 2682 ft)**						$0	$0	$0
5	**2018 293 S NOI - Overland Travel (6 ft wide, 5269 ft)**						$0	$0	$0
6	**2018 293 S NOI new drill pads (30 x 60 ft, 17 each)**						$0	$0	$0
7	**2019 293 S. NOI - Acreage Correction (#6)**						$0	$0	$0
8	**2017 Far East Constructed Road & Drill Sites (#7)**	723	725/966G/D7R	503	2	1	$224	$470	$694
9	**2019 N-S Explore POO Work Pln #1 North**						$0	$0	$0
10	**2019 N-S Explore POO Work Pln #1 South**						$0	$0	$0
		5,882				11	**$2,464**	**$5,169**	**$7,633**

Closure Cost Estimate
Expl. Roads & Pads

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Exploration Roads & Pads - Cost Summary

	Labor	Equipment	Materials	Totals
Grading Costs	$1,744	$2,349	N/A	$4,093
Cover Placement Cost	$2,464	$5,169	N/A	$7,633
Ripping/Scarifying Cost	$0	$0	N/A	$0
Subtotal Earthworks	**$4,208**	**$7,518**		**$11,726**
Revegetation Cost	$1,357	$516	$3,368	$5,241
TOTALS	**$5,565**	**$8,034**	**$3,368**	**$16,967**

Exploration Roads & Pads - Scarifying/Revegetation Costs

	Description (required)	Surface Area acres	Ripping/ Scarifying Fleet	Ripping Hours hrs	Ripping Labor Costs $	Ripping Equipment Cost $	Total Ripping Costs $	Revegetation Labor Cost $	Revegetation Equipment Cost $	Revgetation Material Cost $	Total Revegetation Cost $
1	**2017 293 S NOI - Constructed New Exploration Road**	2.50	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$250	$95	$832	$1,177
2	**2017 293 S NOI - Explore Drill Site (16 Pads: 60x30 ft each)**	0.70	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$233	$371
3	**2018 293 S NOI - Explore Drill Sites (4 pads; 60x18 ft)(#5)**	0.10	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$33	$171
4	**2018 293 S NOI - Graded Roads (12 ft wide, 2682 ft)**	0.78	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$260	$398
5	**2018 293 S NOI - Overland Travel (6 ft wide, 5269 ft)**	0.77	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$256	$394
6	**2018 293 S NOI new drill pads (30 x 60 ft, 17 each)**	0.74	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$246	$384
7	**2019 293 S. NOI - Acreage Correction (#6)**	0.65	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$216	$354
8	**2017 Far East Constructed Road & Drill Sites (#7)**	0.45	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$150	$288
9	**2019 N-S Explore POO Work Pln #1 North**	0.36	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$100	$38	$120	$258
10	**2019 N-S Explore POO Work Pln #1 South**	3.07	Select Fleet	Select Fleet	Select Fleet	Select Fleet	Select Fleet	$307	$117	$1,022	$1,446
		10.12			**$0**	**$0**	**$0**	**$1,357**	**$516**	**$3,368**	**$5,241**

Closure Cost Estimate
Other Demo & Equip Removal

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
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Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Other Demoltion and Equipment Removal - Cost Summary	Labor	Equipment	Materials	Totals
Other Demolition	$0	$0	$0	$0
Equipment Removal	$104	$72	$0	$176
TOTALS	**$104**	**$72**	**$0**	**$176**

Other Demolition

Facility Description							
	Description (required)	ID Code	Type	Quantity	Units	Labor Unit Cost $	Equipment Unit Cost $
						$0	**$0**

Notes:

Closure Cost Estimate
Other Demo & Equip Removal

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
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File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Other Demoltion and Equipment Removal - Cost Summary				
	Labor	Equipment	Materials	Totals
Other Demolition	$0	$0	$0	$0
Equipment Removal	$104	$72	$0	$176
TOTALS	**$104**	**$72**	**$0**	**$176**

Equipment & Material Removal

	Facility Description						
	Description (required)	ID Code	Type	Quantity	Units	Labor Unit Cost ($)	Equipment Unit Cost ($)
1	**Portable Storage Facility**		Site Facilities - Mobile/Fixed Equip	**2.25**	**hours**	**$46.22**	**$31.84**
						$104	**$72**

Notes: **Assumes 120 miles round trip to Winnemucca, NV for one driver and light truck and a trailer (25 tons) (2.25 hours).**
Labor and Equipment rates from 2019 Davis Bacon Mobe/Demobe sheet $78.06 per hour ($46.22 / hr labor, $31.84/hr equipment).

Closure Cost Estimate
Other Demo & Equip Removal

Material Unit Cost $
$0

Closure Cost Estimate
Other Demo & Equip Removal

Material Unit Cost ($)
$0

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
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Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Reclamation Monitoring & Maintenance - Cost Summary

	Labor	Equipment	Lab & Materials	Totals
Revegetation Maintenance	$101	$38	$337	$476
Erosion Maintenance	$0	$0	N/A	$0
Reclamation Monitoring	$5,592	$204	N/A	$5,796
Subtotal Reclamation Monitoring	**$5,693**	**$242**	**$337**	**$6,272**
Water Quality Monitoring	$0	$0	$0	$0
TOTAL MONITORING	**$5,693**	**$242**	**$337**	**$6,272**

Reclamation Maintenance

Description	Total Revegetation Surface Area (1,2) acres	% Area Requiring Reseeding	Seed Mix (select)	Area Requiring Reseeding acres	Seed $/acres	Labor $/acres	Equipment $/acres	Totals $
Revegetation Maintenance	10	**10%**	**Mix 2**	1.0	$332.75	$100.00	$38.00	
Labor								$101
Equipment								$38
Materials								$337
Cost/Acre								$471
							Subtotal	**$476**

Notes: 1) Surface area is NOT the same as footprint disturbance area typically used for permitting purposes.

	Total Volume Growth Media cy	% Volume Requiring Maintenance	Average Growth Media Placement Cost $/CY	Volume Requiring Replacement cy		Labor (assume: 25%) $/acres	Equipment (assume: 75%) $/acres	Total $
Erosion Maintenance	5,882		$1.30	0		$0.00	$0.00	$0

Notes:

Reclamation Monitoring

Description	Hrs/Day	Days/Year	Number of Years	Rate $/hr		
Field Work						
Field Geologist/Engineer				$169.38		$0
Range Scientist	**6**	**1**	**3**	$155.34		$2,796
Reporting						
Field Geologist/Engineer				$169.38		$0
Range Scientist	**6**	**1**	**3**	$155.34		$2,796
					Subtotal	**$5,592**
Travel						
	Hrs/Trip hr	**Trips/Year**	**Years**	**Truck Cost** $/hr		
Travel	**2.25**	**1**	**3**	$30.19		$204
					Subtotal	**$204**
					Total Reclamation Monitoring	**$5,796**

Notes:

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
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File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Reclamation Monitoring & Maintenance - Cost Summary

	Labor	Equipment	Lab & Materials	Totals
Revegetation Maintenance	$101	$38	$337	$476
Erosion Maintenance	$0	$0	N/A	$0
Reclamation Monitoring	$5,592	$204	N/A	$5,796
Subtotal Reclamation Monitoring	**$5,693**	**$242**	**$337**	**$6,272**
Water Quality Monitoring	$0	$0	$0	$0
TOTAL MONITORING	**$5,693**	**$242**	**$337**	**$6,272**

Water and Rock Sample Analysis

Description	Samples #	Events/Year	No. Years	First Sample Year closure year (1-100)	No. of Samplers	Days/Event	Hrs/Day	Analysis Cost $/sample	Supplies $/sample	Lab Cost $
										$0.00

Notes: Sampling labor cost = No. Samplers x Years x Events/year x Days/event x Hour/Day x Labor Rate
Sampling equipment costs include 1 pickup truck for every two samplers

Ground & Surface Water Monitoring

Pump Costs

Description	No. of units		Years		Cost $
Pump (purchased)		Replacement period (yrs):			$0
				Subtotal Field Work	**$0**

Notes: Replacement period = frequency of pump replacement

Reporting

Description	Hrs/Event	Rate $/hr	Cost $
Field Geologist/Engineer			
		Subtotal Reporting	

Notes:

Closure Cost Estimate
Constr. Mgmt

Project Name: Lithium Nevada Corp. Thacker North South Exploration Project - Plan of Operations
Date of Submittal: August 1, 2019
File Name: SRCE_NSExplor_08012019.xlsm
Model Version: Version 1.4.1
Cost Data: User Data
Cost Data File: SRCE_Cost_Data_File_1_12_Std_2019.xlsm
Cost Estimate Type: Surety Cost Basis: Northern Nevada

Construction Management & Road Maintenance - Cost Summary

	Labor	Equipment	Materials	Totals
Construction Management	$1,730	$330	N/A	$2,060
Construction Support		$22		$22
Road Maintenance	$723	$1,116	$0	$1,839
TOTAL CONSTRUCTION MANAGEMENT	**$2,453**	**$1,468**	**$0**	**$3,921**

Construction Management

Construction Management Staff

Description	Duration mo.	Hours/ Month hr.	Number of Supervisors	Supervisor Rate $/hr	Labor Cost $	Equipment Cost[1] $	Totals $
Active Reclamation	**0.1**	**173**	**1**	$100.00	$1,730	$330	$2,060
Monitoring & Maintenance					$0	$0	$0
				Total Staff	**$1,730**	**$330**	**$2,060**

Construction Management Support

Description	Duration mo.	Number of Units		Rental Rate $/mo	Generator Cost $/mo	Equipment Cost[1] $	Totals $
Temporary Office Rental						$0	$0
Temporary Toilets	**0.1**	**1**		$216		$22	$22
					Total Support	**$22**	**$22**

Notes: Office rental assumes only 1 generator required for every 4 trailers

Total Construction Management **$2,082**

Road Maintenance

Description	Fleet Size (select)	Number	Duration mo.	Hours/ Month hr.	Labor Cost $	Equipment Cost $	Totals $
Active Reclamation							
Water Truck	**Small**	**1**	**0**	**173**	$723	$1,116	$1,839
Grader			**0**		$0	$0	$0
Monitoring & Maintenance							
Water Truck					$0	$0	$0
Grader					$0	$0	$0

Description	Gallons/ Day	Days/ Month	Duration mo.	Cost/ Gallon $			Totals $
Water Fees							
Water Fees							$0
				Total Project Maintenance	**$723**	**$1,116**	**$1,839**

Notes: 1) Supervisor equipment = pickup truck

2019 MOB/DEMOB using R.S. MEANS and SRCE equipment and DAVIS-BACON wages

blue font is for project specific user input

Miles from Washoe County Courthouse to project, one way: 231

Miles from equipment rental yard to project, one way (9): 60

Thacker North South Exploration Project from Winnemucca to Project Site

Hours travel time @ 55 MPH: 1.09

Equipment	Mobilization $/hour (1)	$ Flat Rate load & unload (2)	$/hour Deadhead (empty return cost (3)	Disassembly and assembly (4)	Permit cost $ (5)	Pilot car costs	# of units	One Way Mob Cost	Total Mob and Demob Cost
Bulldozers									
D6R	$ 97	$ 97	$ 97	$ -	$ -	$ -	1	$ 309	$ 619
D7R	$ 130	$ 130	$ 130	$ -	$ 25	$ 103	1	$ 541	$ 1,083
D8R	$ 152	$ 152	$ 152	$ -	$ 25	$ 205		$ -	$ -
D9R	$ 152	$ 152	$ 152	$ -	$ 25	$ 205		$ -	$ -
D10R	$ 152	$ 152	$ 152	$ 63,720	$ 25	$ 308		$ -	$ -
D11R (two transports) (7)	$ 152	$ 152	$ 152	$ 135,720	$ 25	$ 205		$ -	$ -
Motor Graders									
14G/H	$ 101	$ 101	$ 101	$ -	$ -	$ -		$ -	$ -
16G/H	$ 130	$ 130	$ 130	$ -	$ 25	$ 103		$ -	$ -
Track Excavators									
320C	$ 130	$ 130	$ 130	$ -	$ -	$ -		$ -	$ -
325C	$ 130	$ 130	$ 130	$ -	$ -	$ -		$ -	$ -
345B	$ 152	$ 152	$ 152	$ -	$ 25	$ 205		$ -	$ -
385BL	$ 152	$ 152	$ 152	$ 44,880	$ 25	$ 205		$ -	$ -
Scrapers									
631G	$ 152	$ 152	$ 152	$ -	$ 25	$ 205		$ -	$ -
637G PP	$ 152	$ 152	$ 152	$ -	$ 25	$ 205		$ -	$ -
Wheeled Loaders									
928G	$ 101	$ 101	$ 101	$ -	$ -	$ -		$ -	$ -
966G	$ 101	$ 101	$ 101	$ -	$ -	$ -	1	$ 321	$ 641
972G	$ 130	$ 130	$ 130	$ -	$ -	$ -		$ -	$ -
988G	$ 130	$ 130	$ 130	$ -	$ 25	$ 103		$ -	$ -
992G (two transports) (7)	$ 152	$ 152	$ 152	$ 74,160	$ 25	$ 205		$ -	$ -
Hydraulic Hammers									
H-120 (fits 325) no charge, mobilize with mach	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -
H-160 (fits 345) no charge, mobilize with mach	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -
H-180 (fits 365/385) no charge, mobilize with	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -
Other Equipment									
420D 4WD Backhoe	$ 101	$ 101	$ 101	$ -	$ -	$ -		$ -	$ -
CS563E Vibratory Roller	$ 101	$ 101	$ 101	$ -	$ -	$ -		$ -	$ -
Light Truck - 1.5 Ton	$ 67	$ 67	$ -	$ -	$ -	$ -		$ -	$ -
Supervisor's Truck	$ 61	$ 61	$ -	$ -	$ -	$ -	1	$ 128	$ 257
Air Compressor + tools	$ 78	$ 78	$ 78	$ -	$ -	$ -		$ -	$ -
Welding Equipment	$ 78	$ 78	$ 78	$ -	$ -	$ -		$ -	$ -
Heavy Duty Drill Rig	$ 397	$ 397	$ -	$ -	$ -	$ -		$ -	$ -
Pump (plugging) Drill Rig	$ 401	$ 401	$ -	$ -	$ -	$ -	1	$ 838	$ 1,675
Concrete Pump	$ 78	$ 78	$ 78	$ -	$ -	$ -		$ -	$ -
Gas Engine Vibrator	$ 78	$ 78	$ 78	$ -	$ -	$ -		$ -	$ -
Generator 5KW	$ 78	$ 78	$ 78	$ -	$ -	$ -		$ -	$ -
HDEP Welder (pipe or liner)	$ 78	$ 78	$ 78	$ -	$ -	$ -		$ -	$ -
5 Ton Crane Truck	$ 107	$ 107	$ -	$ -	$ -	$ -		$ -	$ -
25 Ton Crane	$ 146	$ 146	$ -	$ -	$ -	$ -		$ -	$ -
Trucks									
725	$ 101	$ 101	$ 101	$ -	$ -	$ -	2	$ 641	$ 1,283
740	$ 130	$ 130	$ 130	$ -	$ 25	$ 103		$ -	$ -
769D	$ 130	$ 130	$ 130	$ -	$ 25	$ 205		$ -	$ -
777D (two transports) (8)	$ 152	$ 152	$ 152	$ 71,280	$ 25	$ 308		$ -	$ -
613E (5,000 gal) Water Wagon	$ 152	$ 152	$ 152	$ -	$ -	$ -		$ -	$ -
621E (8,000 gal) Water Wagon	$ 152	$ 152	$ 152	$ -	$ 25	$ 205		$ -	$ -
Dump Truck (10-12 yd^3)	$ 115	$ 115	$ 115	$ -	$ -	$ -		$ -	$ -
Miscellaneous									
Equipment for dry hole abandonment (420D 4WD	$ 101	$ 101	$ 101	$ -	$ -	$ -		$ -	$ -
Pilot car (Light Truck)	$ 62	$ 62	$ 62	$ -	$ -	$ -		$ -	$ -
Truck Tractor + Lowbed Trailer 75 ton	$ 152	$ 152	$ 152	$ -	$ -	$ -		$ -	$ -
Truck Tractor + Flatbed Trailer 40 ton	$ 130	$ 130	$ 130	$ -	$ -	$ -		$ -	$ -
Light Truck + Flatbed Trailer 25 ton	$ 78	$ 78	$ 78	$ -	$ -	$ -	1	$ 163	$ 326
							8		**$ 5,883**

Footnotes and explanations of assumptions

(1) The sum of the cost of equipment from either the SRCE or RSM equipment tab plus Davis-Bacon labor tab

(2) Assumes minimum of 30 minutes load and secure and 30 minutes unsecure and unload machine.

(3) No "Deadhead" (empty) charge for Mob up to 50 miles. More than 50 miles the cost of deadhead same rate as loaded miles.

(4) Only large equipment requires disassembly for transport. Includes cost of mechanic + mechanic's truck + crane operator + crane.

(5) Nevada Dept. of Transportation overdimensional permits are $25 per trip or $60 per year.

(6) Sum of mobilization plus all ancillary costs for one way loaded and return empty.

(7) Two transports are required but the second transport does not need pilot cars or permits or a heavy duty trailer.

(8) Two transports required with both requiring full complement of pilot cars and permits.

(9) For large mining operations, mobilization may be required from more than one location. For example, the Elko yard may not have four 631 scrapers. Additional equipment may need to mobilize from Reno, Las Vegas, or Salt Lake City. Input the further distance here.

(10) Pilot Car costs based on SRCE light truck costs and Davis-Bacon wages

(11) SRCE costs based on July 2019 vendor quotes.

(12) RS Means costs based on R.S. Means Heavy Construction Cost Data, 2019, Q2

(13) Davis Bacon wages based on 2019 determination.

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