# The ELi Sediment-Hosted Lithium Deposit, Eureka & Nye Counties, Nevada: Technical Report

**Prepared For:**

Clear Sky Lithium

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## 1.0 Summary

This Technical Report has been prepared at the request of Clear Sky Lithium Corp. of Vancouver, British Columbia, Canada and is intended to be a "Property of Merit" report.

The ELi sediment-hosted lithium deposit is located in Central Nevada and about one hour south of Eureka, a regional mining center. Access to the property is good and both exploration and exploitation could be conducted year-round. Minimal work has been conducted on the project, but initial surface samples returned average lithium values of 664 ppm (max 970 ppm, min 388 ppm) and are contained within a sedimentary sequence of Miocene mudstone and claystone. The property was visited by the Author and nine samples were collected and averaged 465 ppm Li (Range = 377 to 624 ppm Li). It is not known if these shallow surface samples reflect the Li content of non-weathered sediments. Additionally, the thickness of this lithium-rich sediment has not been established.

The origin of this lithium deposit is suspected to be similar to the Clayton Valley deposit (Cypress Development Corp.) located about 200 km to the south. Both projects are reasonably well represented by the USGS preliminary deposit model, which describes the primary characteristics as light-colored, ash-rich, lacustrine (lake) rocks containing swelling clays, occurring within hydrologically closed basins in an arid climate with some abundance of proximal silicic volcanic rocks (in the hanging wall at ELi).

Following from this brief analysis, the Author recommends that the property be mapped and drilled using RC technology. A budget of US$92,250 is presented in Section 18.0.

## 2.0 Introduction

This Technical Report has been prepared at the request of Clear Sky Lithium Corp. of Vancouver, British Columbia, Canada and is intended to be a "Property of Merit" report.

The Author has reviewed all relevant and material information from sources available to the Author, including the Author's visit to the project on September 1, 2021 which preceded the preparation of this Technical Report.

The Author has also reviewed all relevant and material information provided to the Author by Marco Montecinos, including analytical results from initial rock and soil geochemical surveys.

This report has been prepared to comply with the requirements of National Instrument 43-101 - Standards of Disclosure for Mineral Projects, the associated Companion Policy 43-101CP, Form 43-101F1 of the Canadian Securities Administrators and associated best practice guidelines and definitions from the Canadian Institute of Mining and Metallurgy.

The author has been requested by Mr. Marco Montecinos and Clear Sky Lithium Corp. to review limited data on this ‘early stage’ lithium prospect identified in 2019. All available information has been made available to the Author and a site visit was conducted on September 1, 2021. During this visit, 9 channel samples were collected across several exposures of lithium-bearing sediments in the project area. The samples delivered to American Assay Laboratories in Sparks, Nevada where they were analyzed by Inductively Coupled Plasma – Mass Spectrometry.

## 3.0 Reliance of Other Experts

The Author has not relied on other experts or reports.

All mineral rights associated with the unpatented mining claims controlled by Nevada Alaska Mining Co. are the result of the General Mining Act 1872 and are on public lands administered by the US Bureau of Land Management—Tonopah Field Office. The ownership of the unpatented mining claims was confirmed with inspection of dated (July 1, 2021) Intent to Hold receipts.

## 4.0 Property Description and Location

### 4.1 Property Location

The project is centered near 574,000 meters east, 4,334,500 meters north, WGS84, zone 11 south datum, in northern Nye and southern Eureka Counties, Nevada. The project is located 43 km S22W of Eureka, Nevada (Figure 1). The project lies within sections 19, 20 and 29 of T15N, R52E, Mount Diablo Meridian. Access from Eureka, Nevada, is by traveling 15 kilometers south on US Highway 50, then 13.2 km south on County Road 379 where an improved dirt road departs the county road to the southwest for 19 km. Turn right (west) for ~3km following a wash where a narrow dirt road follows a drainage to the west for 2.7 km into the Li-bearing sediments comprising the white, low-lying hills. The project area is contained in the USGS 7.5-minute Cockalorum quadrangle with a magnetic declination of 12º 33’.


**Figure 1. Location of the ELi Project, Eureka and Nye Counties, Nevada.**

### 4.2 Mineral Rights and Tenure

The project comprises 26 unpatented lode mining claims listed in Table 1 and outlined in Figure 2. The claims are 100% owned by Nevada Alaska Mining Company, Inc. whose address is P.O. Box 2611, Fernley, NV 89408. The block covers 535.6 acres (216.75 Has) and provides Nevada Alaska with access to all lode minerals on the claims. The claims lie within portions of sections 19, 20 and 29 of Township 15N south, Range 52 east, Mt. Diablo Meridian in the western portion of Little Smokey Valley, Nevada. All lode claims are unpatented U.S. Federal claims administered by the BLM. The lode claims are a maximum of 600 x 1,500 feet in size or 20.6 acres each. The property is not subject to underlying payments although the claims require annual filing of Intent to Hold and cash payments to the BLM and Nye and/or Eureka counties totaling $167/20 acres or claim. All claims are all in good standing with the BLM and Eureka and/or Nye counties through August 31, 2022.

On November 16, 2021, pursuant to a Purchase Agreement, the EL Claims (Nevada Alaska Mining Co, Inc. as seller), Clear Sky Lithium Nevada Inc. (as buyer), and 1291455 BC Ltd. (as parent of buyer), Clear Sky Lithium Nevada Inc. acquired certain mining claims in Nevada from Nevada Alaska Mining Co, Inc. On December 23, 2021, pursuant to a Share Purchase Agreement among Clear Sky Lithium Corp. (as buyer), 1291455 BC Ltd.

(as target company) and all of the shareholders of 1291455 BC Ltd. (as sellers of the target shares), Clear Sky Lithium Corp. acquired all of the issued and outstanding shares of 1291455 BC Ltd. from its shareholders.

**Table 1.** Active lode mining claims ELi Project, Eureka & Nye Cos., Nevada.

| Claim ID | Date Located | Location | | | Claimant Name | Serial Number | Last Assessment |
|---|---|---|---|---|---|---|---|
| | | T | R | Sec. | | | |
| EL1 | 4/24/2021 | 15N | 52E | 20SE, 29NW | Nevada Alaska Mng. Co. | 105252374 | 2021 |
| EL2 | 4/24/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252375 | 2021 |
| EL3 | 4/25/2021 | 15N | 52E | S20, N29 | Nevada Alaska Mng. Co. | 105252376 | 2021 |
| EL4 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252377 | 2021 |
| EL5 | 4/25/2021 | 15N | 52E | 20SW, 29NW | Nevada Alaska Mng. Co. | 105252378 | 2021 |
| EL6 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252379 | 2021 |
| EL7 | 4/25/2021 | 15N | 52E | 20SW, 29NW | Nevada Alaska Mng. Co. | 105252380 | 2021 |
| EL8 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252381 | 2021 |
| EL9 | 4/25/2021 | 15N | 52E | 20SW, 29NW | Nevada Alaska Mng. Co. | 105252382 | 2021 |
| EL10 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252383 | 2021 |
| EL11 | 4/25/2021 | 15N | 52E | 20SW, 29NW | Nevada Alaska Mng. Co. | 105252384 | 2021 |
| EL12 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252385 | 2021 |
| EL19 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252386 | 2021 |
| EL20 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252387 | 2021 |
| EL21 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252388 | 2021 |
| EL22 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252389 | 2021 |
| EL23 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252390 | 2021 |
| EL24 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252391 | 2021 |
| EL25 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252392 | 2021 |
| EL26 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252393 | 2021 |
| EL27 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252394 | 2021 |
| EL28 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252395 | 2021 |
| EL29 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252396 | 2021 |
| EL30 | 4/25/2021 | 15N | 52E | 20 | Nevada Alaska Mng. Co. | 105252397 | 2021 |
| EL31 | 4/25/2021 | 15N | 52E | 19E, 20W | Nevada Alaska Mng. Co. | 105252398 | 2021 |
| EL32 | 4/25/2021 | 15N | 52E | 19NE, 20NW | Nevada Alaska Mng. Co. | 105252399 | 2021 |

### 4.3 Permits

Aside from rights assigned to unpatented lode claims, there have not been any permits requested or granted for the ELi property. The land is within the jurisdiction of the U.S. Bureau of Land Management (BLM) and all exploration activities, aside from geologic mapping and manual geochemical sampling, will require a permit from the BLM. The activities proposed below (Section 18.0: Recommendations) can likely be completed within the framework of a Notice of Intent. This 'Notice' mandates a surface disturbance of less than 5 acres and can be permitted within a period of approximately 30 days following the submission of the application including proposed activity maps and remediation plans.

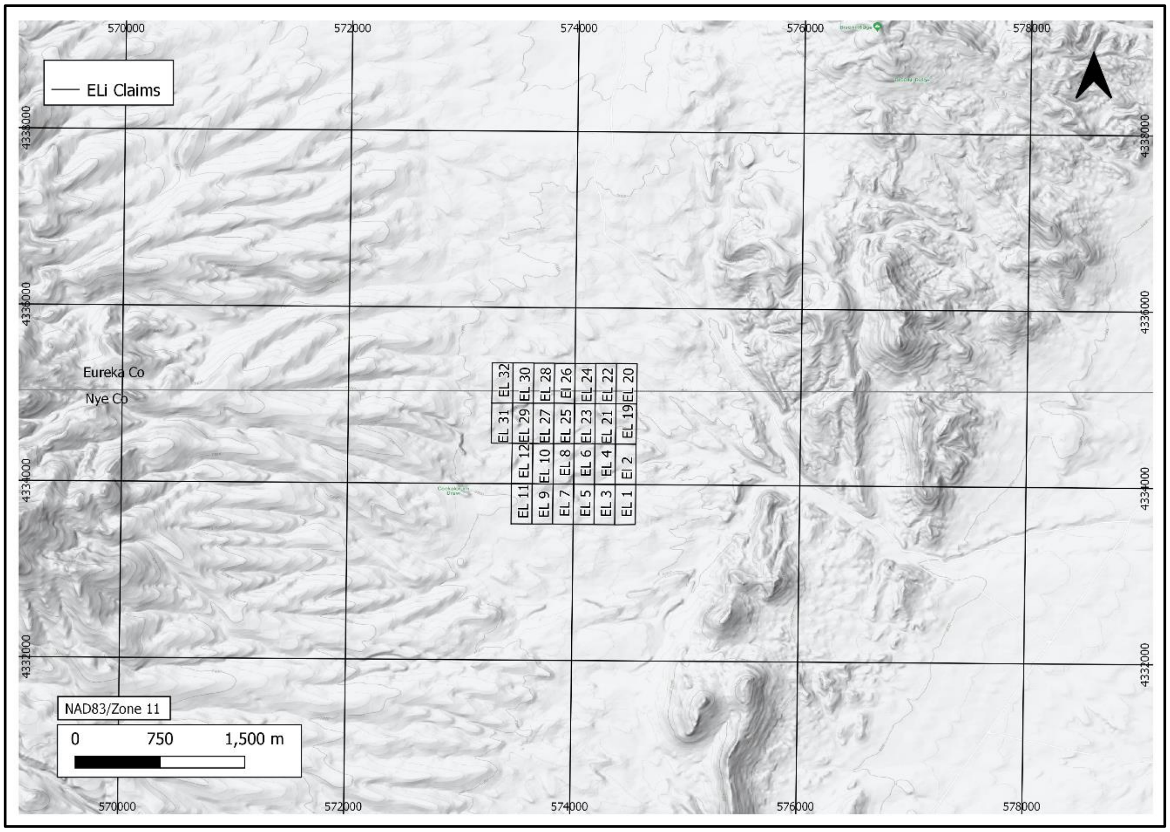


**Figure 2. Location and layout of the EL claims (26), Nye and Eureka counties, Nevada.**

# 5.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography

## 5.1 Access

Access into the ELi project area is good and can be reached in about one hour drive from Eureka. Most of the access consists of improved dirt roads and only the last few kilometers would require improvement prior to a drilling phase. Elevations within the project area range from 6800 to 7000 feet (2,073 to 2,134 meters) ASL and the topography is gentle (Figure 2).

## 5.2 Climate

The climate of the Eureka area, including the ELi project area, is typical of the Great Basin: hot and dry with cool mornings in the summer with occasional monsoonal thunderstorms from late July through August; cold and relatively dry in the winter (Table 2). Temperatures drop to 0 °F or −17.8 °C or lower on an average 4.7 mornings during the winter, though in the severe winter of 1916/1917 this happened twenty-five times. They drop to 32°F or 0 °C on an average 181.3 mornings, though maximum temperatures top freezing on all but 26.3 days during an average winter. During the summer temperatures rise to 90 °F or 32.2

°C or hotter on 11.8 afternoons, though 100 °F or 37.8 °C has never been reached with the hottest temperature being 99 °F or 37.2 °C on July 14, 1955. Snow accumulations vary from 10 to 30 inches (0.25 to 0.76 m) in mild winters to more than 80 inches (2.03 m) in more severe years; in the winter of 1906/1907, more than 150 inches or 3.81 metres of snow fell. Under the Köppen climate classification, the project area has a warm-summer humid continental climate (Dfb). In summary, any industrial operations within the project area would only be impacted by severe snow storms during the winter months (Wikipedia).

**Table 2. Summary of climatic conditions for Eureka, NV and the project area between 1971 and 2000 (from: Eureka, Nevada, Wikipedia).**

| Climate data for Eureka, Nevada (Elevation 6,500 feet or 2,000 metres); 1971-2000 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Record high °F (°C) | 61 (16) | 65 (18) | 75 (24) | 81 (27) | 91 (33) | 95 (35) | 98 (37) | 97 (36) | 90 (32) | 86 (30) | 72 (22) | 63 (17) |
| Average high °F (°C) | 36.9 (2.7) | 40.7 (4.8) | 46.9 (8.3) | 54.9 (12.7) | 64.5 (18.1) | 75.8 (24.3) | 84.5 (29.2) | 82.6 (28.1) | 73.5 (23.1) | 61.3 (16.3) | 46.0 (7.8) | 38.1 (3.4) |
| Average low °F (°C) | 16.3 (−8.7) | 19.3 (−7.1) | 24.0 (−4.4) | 28.8 (−1.8) | 36.5 (2.5) | 44.6 (7.0) | 52.4 (11.3) | 51.6 (10.9) | 43.7 (6.5) | 33.6 (0.9) | 23.4 (−4.8) | 16.7 (−8.5) |
| Record low °F (°C) | −26 (−32) | −23 (−31) | −9 (−23) | 5 (−15) | 10 (−12) | 11 (−12) | 29 (−2) | 30 (−1) | 5 (−15) | 3 (−16) | −11 (−24) | −21 (−29) |
| Average precipitation inches (mm) | 1.00 (25) | 0.91 (23) | 1.45 (37) | 1.16 (29) | 1.54 (39) | 0.74 (19) | 0.55 (14) | 0.83 (21) | 1.00 (25) | 1.05 (27) | 0.95 (24) | 0.88 (22) |
| Average snowfall inches (cm) | 12.7 (32) | 6.9 (18) | 11.4 (29) | 6.6 (17) | 4.0 (10) | 0.1 (0.25) | 0.0 (0.0) | 0.0 (0.0) | 0.7 (1.8) | 2.0 (5.1) | 7.3 (19) | 9.4 (24) |
| Average precipitation days (≥ 0.01 inch) | 5.9 | 5.3 | 7.6 | 5.9 | 6.2 | 4.2 | 3.3 | 3.9 | 3.8 | 4.5 | 4.7 | 5.6 |
| Average snowy days (≥ 0.1 inch) | 5.2 | 3.8 | 4.7 | 2.6 | 1.2 | 0.1 | 0.0 | 0.0 | 0.2 | 1.0 | 2.7 | 4.4 |
| Source 1: National Oceanic and Atmospheric Administration[7] | | | | | | | | | | | | |
| Source 2: National Weather Service, Elko, Nevada[8] | | | | | | | | | | | | |

## 5.3 Physiography

The project is in the Great Basin physiographic region. The valley floor has a total area of about 450 square kilometers (km²) and at an altitude of 1800 to 1900 meters above sea level (ASL). The surrounding mountains rise a few thousand meters above the valley floor, with the highest surrounding mountain, Ninemile Peak at 3,048 m ASL to the west and Moody Peak at 2,676 m ASL, to the east. The valley is bounded to the west by the Antelope Range and to east by the Fish Creek Range. There is no permanent surface water in the Little Smokey Valley watershed, all watercourses are ephemeral and only active during periods of intense precipitation. At the project itself, located in a fault-bounded sub-valley to the west, the terrain is dominated by shallow hills and mound-like outcrops of mudstone and claystone, cut by dry gravel washes across a broad alluvial fan. Access within the project is excellent due to the overall low relief of the terrain (Figure 5).

### 5.4 Local Resources & Infrastructure

The ELi project is situated on the boundary between Eureka and Nye counties. The closest services can be found in Eureka, Nevada which serves as the Eureka county seat. Eureka county is primarily a ranching, agricultural and mining jurisdiction and welcomes these industries with no existing zoning ordinances, very low property tax rates and no business licensing. Eureka is situated within a network of interstate highways and railroad lines allowing for ready access to larger economic centers.

Eureka has enjoyed a 30% population growth in the past 10 years and currently maintains a population of 1,900. The community hosts both an elementary school and high school and sponsors a pre-school program. The student-teacher ratio is low in both schools.

## 6.0 History

There is no recorded mineral exploration or development activity within the project area.

## 7.0 Geologic Setting

### 7.1 Regional Setting

The ELi sediment-hosted lithium deposit is located in a sub-horizontal sequence of lacustrine, tuffaceous mudstones, claystones and siltstones deposited in the Little Smokey Valley. This sequence appears to be floored by more conglomeritic, tuffaceous rocks and capped by younger felsic volcanic rocks. This broad, north-trending valley formed in a closed basin near the southwestern margin of the Basin and Range physiographic province of central Nevada. Horst and graben normal faulting is a dominant structural element of the Basin and Range where Paleozoic thru Mesozoic sediments, Cretaceous thru Tertiary intrusives and Tertiary volcanics have been dissected into north-trending ranges separated by valleys floored with mid- to upper Tertiary sediments, volcanics and alluvial debris.

### 7.2 Project Geology

The lithium-bearing rocks within the project area are referred to as “Tuffaceous and other young Tertiary sedimentary rocks” in digital geologic models generated by the Nevada Bureau of Mines. This unit is believed to have a strong volcanic component. In northern

Nye County, the unit is referred to as the Horse Camp Formation which correlates with the Esmeralda Formation in Mineral and Esmeralda Counties. It has also been correlated with older lake beds in southern Nye, Lincoln, Clark and Humboldt counties. It corresponds to units Ts3 and Tts from the 1978 State map and is present in all counties of Nevada. The geologic age is considered to be Pliocene and Miocene.

## 8.0 Deposit Type

Lithium has been identified in potentially economic concentrations in three types of deposits: pegmatites, continental brines, and clays. Brines are the largest producer of lithium worldwide with lesser amounts produced from pegmatites. There is currently no active mining of lithium clay deposits although the Clayton Valley deposit, located about 200 km southwest of the ELi project, is in the pre-feasibility stage. Lithium in the clay-hosted deposits is often associated with the smectite (montmorillonite) group minerals (Asher-Bolinder, 1991). In this model (Model 251.3) of smectite-hosted lithium in closed basins, three forms of genesis for clay lithium deposits are proposed: alteration of volcanic glass to lithium-rich smectite (Figure 3); precipitation from lacustrine waters; and incorporation of lithium into existing smectites. In each case, the depositional/diagenetic model is characterized by abundant magnesium, silicic volcanic rocks, and an arid environment.

Regional geologic traits of lithium clay deposits, as presented by (Asher-Bolinder, 1991), include a basin-and-range or other rift tectonostratigraphic setting characterized by bimodal volcanism, crustal extension, and high rates of sedimentation. The depositional environment is limited to arid, closed basins of tectonic or caldera origin, with an age of deposition ranging from Paleocene to Holocene. Host rocks include volcanic ashes, pre-existing smectites, and lacustrine beds rich in calcium and magnesium (see Table 4).

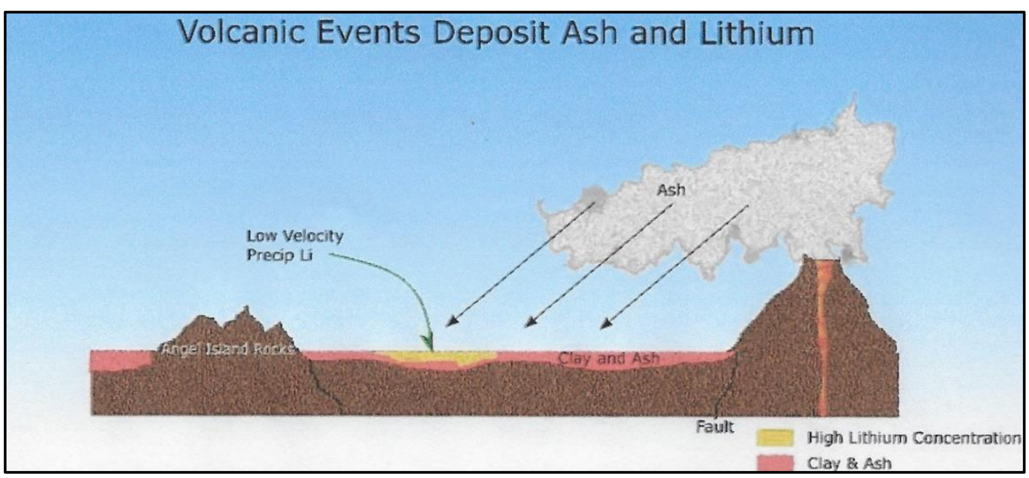


**Figure 3. Conceptual section proposing lithium enrichment in enclosed basin, lacustrine environments under arid conditions. Proposed lithium source is felsic ash with enrichment facilitated by evaporation, Clayton Valley Li Deposit, Fayram, et al (2020).**

The ELi project is reasonably well represented by the USGS preliminary deposit model, which describes the most readily ascertainable attributes of such deposits as light-colored, ash-rich, lacustrine rocks containing swelling clays, occurring within hydrologically closed basins with some abundance of proximal silicic volcanic rocks (in the hanging wall at ELi). The geometry of the deposit at the ELi project is roughly tabular, up to several meters thick over several square kilometers of area. At Clayton Valley, the lithium concentrations are highest within the mudstone and claystone, but lithium is still also present in a siltstone unit underlying the claystone. The deposition of the lithium-rich sediments likely occurred late in the history of the associated paleo-brine lake, based largely on the stratigraphic position of the mudstone and claystone above the thick overall sandstone- and siltstone-dominated basin fill events. Fayram, et al (2021) state, "Such a setting would be ideal for concentration of lithium from ash and groundwater inputs over an extensive period. As a result, the lithium-rich strata may represent several million years of lithium input and concentration within the basin".

## 9.0 Exploration

Limited exploration activities at the ELi project are preliminary in nature. Initial reconnaissance-type sampling was conducted by Bob Craig in 2019 (Table 2). Subsequently, in 2021, a soil grid was located on the 26 lode claim corners by M. Montencinos and consisted of 133 samples (Figure 4). Geologic mapping has not been conducted over the property and only a regional understanding is presented in Section 7.0.

### 9.1 Geochemical Studies

The earliest sampling conducted on the property was conducted by Bob Craig in 2019 (Table 3). There appears to have been 2 campaigns of surface rock sampling and analyzed by different labs, ALS and AAL. A total of 16 samples were analyzed and ranged from 388 to 970 ppm; the samples averaged 664 ppm Li.

**Table 3. Analytical results from the 2019 (B. Craig) rock sampling campaigns; 16 samples.**

| Sample ID | Easting | Northing | UTM Zone | Year | Assay Method | Assay Lab | Weight (kg) | Li ppm |
|---|---|---|---|---|---|---|---|---|
| CM 101 | 574,041 | 4,334,617 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1.2 | 870 |
| CM 102 | 573,544 | 4,334,682 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 0.9 | 630 |
| CM 103 | 573,545 | 4,334,684 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1 | 640 |
| CM 104 | 573,545 | 4,334,684 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1.22 | 620 |
| CM 105 | 573,452 | 4,334,824 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1.08 | 690 |
| CM 106 | 573,449 | 4,334,830 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1.22 | 388 |
| CM 107 | 573,635 | 4,334,628 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1.04 | 970 |

| Sample ID | Easting | Northing | UTM Zone | Year | Assay Method | Assay Lab | Weight (kg) | Li ppm |
|---|---|---|---|---|---|---|---|---|
| CM 108 | 573,628 | 4,334,619 | NAD83/Zone11 | 2019 | ME-MS41 | ALS Labs | 1.42 | 820 |
| ELI101 | 574,041 | 4,334,617 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 1.4 | 775.9 |
| ELI102 | 573903 | 4,334,508 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 0.8 | 596.9 |
| ELI103 | 573,637 | 4,334,624 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 1.4 | 611.20 |
| ELI104 | 573,554 | 4,334,679 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 1.1 | 901 |
| ELI105 | 573,705 | 4,334,825 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 0.9 | 559.6 |
| ELI106 | 573,485 | 4,335,165 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 1 | 436 |
| ELI107 | 573,545 | 4,335,165 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 1.5 | 542.4 |
| ELI108 | 573,631 | 4,335,092 | NAD83/Zone11 | 2019 | ICP-5AM48 | American Assay Laboratories | 1.1 | 634 |

In 2021, M. Montecino collected 133 soil samples over the claim block. The samples ranged from 44.5 to 801.7 ppm Li and revealed high variability due to the absence of soil over the Li-rich horizon and concealment of the same horizon by Quaternary colluvium and alluvium as well as younger rock types. The results from both the historical rock and soil campaigns are presented below in Figure 4 and Table 4.

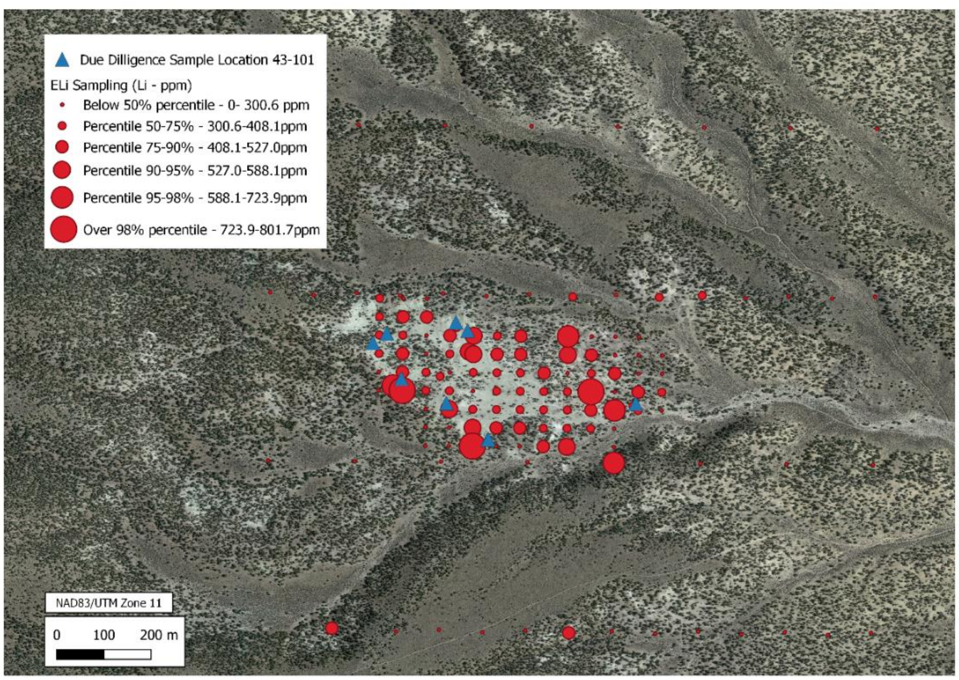


**Figure 4. Presentation of the results for the lithium-in-soil (133 samples), Li-in-rock (2019, 16 samples) and this report (2021; 9 samples, blue triangles) over the ELi property. The highest values generally corresponded with outcropping Li-bearing sediments. Areas to the north, west and south are generally mantled by a thin veneer of alluvium or colluvium.**

## 9.2 Analysis

Following from the Sept. 1, 2021 site visit, high lithium variabilities in the soils reflect the influence of alluvial and colluvial debris dispersed over the Li-bearing sediments. Sampling of the outcrops and/or sub-crops reveals that Li values are generally in excess of 500 ppm. Because lithium is contained in the smectite structure and appears to readily leach in a low pH solution (see Section 15.0), near surface depletion of lithium should not be a surprise. The estimation of lithium content in the Horse Camp formation must rely on drilling and samples removed from surficial processes.

**Table 4. Soil sample locations and results (Li); collected by M. Montecinos (2021); NAD 83/Zone 11; American Assay Laboratories; FA-Pb30-ICP.**

| Sample ID | Easting | Northing | UTM Zone | Year | Assay Method | Assay Lab | Weight (kg) | Li ppm |
|---|---|---|---|---|---|---|---|---|
| 19801 | 574549 | 4334000 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 57.4 |
| 19802 | 574458 | 4333994 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 57.7 |
| 19803 | 574366 | 4334000 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 107.2 |
| 19804 | 574275 | 4333994 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 165.3 |
| 19805 | 574183 | 4334000 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 203.5 |
| 19806 | 574092 | 4333994 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 218.9 |
| 19807 | 574000 | 4334000 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 74.3 |
| 19808 | 573909 | 4333994 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 457.5 |
| 19809 | 573817 | 4334000 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 53.6 |
| 19810 | 573726 | 4333994 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 44.5 |
| 19811 | 573634 | 4334000 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 51.7 |
| 19812 | 573543 | 4333994 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 48.2 |
| 19813 | 573407 | 4334002 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 436.6 |
| 19814 | 573634 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | | 222.3 |
| 19815 | 573451 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 215.9 |
| 19816 | 573268 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 117.2 |
| 19817 | 573530 | 4334663 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 707.1 |
| 19818 | 573630 | 4334689 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | | 353.3 |
| 19819 | 573268 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 49.7 |
| 19820 | 573451 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 248.7 |
| 19821 | 573360 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 128 |
| 19822 | 573543 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 105.5 |
| 19823 | 573634 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 153.4 |
| 19824 | 573726 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 102.9 |
| 19825 | 573817 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 95.6 |
| 19826 | 573909 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 333.9 |
| 19827 | 574000 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 131.3 |
| 19828 | 574092 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 355 |
| 19829 | 574183 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 366.2 |

| Sample ID | Easting | Northing | UTM Zone | Year | Assay Method | Assay Lab | Weight (kg) | Li ppm |
|---|---|---|---|---|---|---|---|---|
| 19830 | 574275 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 57.4 |
| 19831 | 574366 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 52.7 |
| 19832 | 574458 | 4334908 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 49 |
| 19833 | 574549 | 4334914 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 59.4 |
| 19834 | 573817 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 282.8 |
| 19835 | 573634 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 54.6 |
| 19836 | 573451 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 47.8 |
| 19837 | 573268 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 64.9 |
| 19838 | 574000 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 300.6 |
| 19839 | 574183 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 88 |
| 19840 | 574366 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 78.1 |
| 19841 | 574549 | 4335371 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 44.9 |
| 19842 | 574549 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 55 |
| 19843 | 574366 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 129.9 |
| 19844 | 574183 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 81 |
| 19845 | 574000 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 637 |
| 19846 | 573817 | 4334457 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 287.8 |
| 19847 | 573690 | 4334757 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1 | 558.8 |
| 19848 | 573950 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 446.1 |
| 19849 | 573950 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 322.5 |
| 19850 | 573950 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 209.1 |
| 19851 | 573950 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 725.2 |
| 19852 | 573950 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 354.7 |
| 19853 | 573950 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 517.8 |
| 19854 | 573950 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 193.4 |
| 19855 | 574000 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 164 |
| 19856 | 574000 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 204.5 |
| 19857 | 574000 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 430 |
| 19858 | 574000 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 296.5 |
| 19859 | 574000 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 723.3 |
| 19860 | 574000 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | | 254.2 |
| 19861 | 574000 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 253.4 |
| 19862 | 574050 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 314.3 |
| 19863 | 574050 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 409.5 |
| 19864 | 574050 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 232.5 |
| 19865 | 574050 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 106.4 |
| 19866 | 574050 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 120.5 |
| 19867 | 574100 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 230 |
| 19868 | 574100 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 84.8 |
| 19869 | 574100 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 356.8 |
| 19870 | 574100 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 280.3 |
| 19871 | 573900 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 363.1 |

| Sample ID | Easting | Northing | UTM Zone | Year | Assay Method | Assay Lab | Weight (kg) | Li ppm |
|---|---|---|---|---|---|---|---|---|
| 19872 | 573900 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 393.2 |
| 19873 | 573900 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 548.8 |
| 19874 | 573900 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 408.1 |
| 19875 | 573900 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 275 |
| 19876 | 573900 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 564.3 |
| 19877 | 573900 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 590.6 |
| 19878 | 573850 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 423.1 |
| 19879 | 573850 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 398.7 |
| 19880 | 573850 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 325 |
| 19881 | 573850 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 362.9 |
| 19882 | 573850 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 415.5 |
| 19883 | 573800 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 325.6 |
| 19884 | 573800 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 430.2 |
| 19885 | 573800 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 472.1 |
| 19886 | 573750 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 327.4 |
| 19887 | 573750 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 422.3 |
| 19888 | 573750 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 408.1 |
| 19889 | 573750 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 372.5 |
| 19890 | 573750 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 359.3 |
| 19891 | 573750 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 493.2 |
| 19892 | 573750 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 290.8 |
| 19893 | 573800 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 233.6 |
| 19894 | 573800 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 418.3 |
| 19895 | 573800 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 312.5 |
| 19896 | 573800 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 349.8 |
| 19897 | 573700 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 265.4 |
| 19898 | 573700 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 374.1 |
| 19899 | 573700 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 528.8 |
| 19900 | 573700 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 747.2 |
| 19901 | 573650 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 195.8 |
| 19902 | 573650 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 96.2 |
| 19903 | 573650 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 535.1 |
| 19904 | 573650 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 397.5 |
| 19905 | 573700 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 345.1 |
| 19906 | 573700 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 554.2 |
| 19907 | 573700 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 586.4 |
| 19908 | 573650 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 409 |
| 19909 | 573650 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 389 |
| 19910 | 573650 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 178 |
| 19911 | 573600 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 254.8 |
| 19912 | 573600 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 365 |
| 19913 | 573600 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 402 |

| Sample ID | Easting | Northing | UTM Zone | Year | Assay Method | Assay Lab | Weight (kg) | Li ppm |
|---|---|---|---|---|---|---|---|---|
| 19914 | 573600 | 4334600 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 84.9 |
| 19915 | 573600 | 4334550 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 53.1 |
| 19916 | 573600 | 4334500 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 61.8 |
| 19917 | 573600 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 276.6 |
| 19918 | 573600 | 4334850 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 519.8 |
| 19919 | 573600 | 4334900 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 170.8 |
| 19920 | 573550 | 4334900 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 128.3 |
| 19921 | 573500 | 4334900 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 305.4 |
| 19922 | 573500 | 4334850 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 401.4 |
| 19923 | 573500 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 318.6 |
| 19924 | 573500 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 388.3 |
| 19925 | 573500 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 102.9 |
| 19926 | 573500 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 69.6 |
| 19927 | 573550 | 4334650 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 801.7 |
| 19928 | 573550 | 4334700 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 445.2 |
| 19929 | 573550 | 4334750 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 495 |
| 19930 | 573550 | 4334800 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 363.5 |
| 19931 | 573550 | 4334850 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 502.7 |
| 19932 | 573664 | 4334822 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 0.4 | 339.5 |
| 19933 | 574039 | 4334612 | NAD83/Zone11 | 2021 | ICP-5AM48 | American Assay Laboratories | 1.09 | 367.8 |

## 10.0 Drilling

No drilling has been conducted at the ELi project.

## 11.0 Sample Preparation, Analyses and Security

The analyses of the historical sampling, both rock and soil, have been conducted at certified analytical facilities in Reno, Nevada (Tables 3 and 4). Initial rock samples (8; Craig, 2019) were analyzed at ALS Labs using Induced Coupled Plasma – Mass Spectrometry (ICP-MS) with an aqua regia digestion. Eight samples, some duplicates of the former batch, were analyzed at American Assay Labs (AAL) using the same technique but with a 5-acid digestion. The soil samples (Montecinos, 2021) were analyzed at AAL utilizing ICP-MP with a 5-acid aqua regia digestion.

## 12.0 Data Verification Methods and Approach

The Eli project area, located in Figure 1, was visited on Sept. 1, 2021 with Marco Montecinos. Previous sampling has been conducted in the area and anomalous lithium values were identified in exposures of a fissile, finely laminated mudstone or claystone. These exposures rim a shallow drainage which is floored by alluvium derived from the same lacustrine deposits. The Li-rich beds flanking this small basin are mantled by a thin veneer of colluvium derived from the surrounding rock formations (Figure 5).

A traverse was conducted across the extensive exposures of Li-bearing sediments and several sites were determined to be adequate for sampling. Sampling occurred in shallow (<20 cm) hand-dug trenches approximately 1 meter in length (see Table 5). Owing to the fissile nature of the sediments, the material was easily excavated with a rock pick and bagged on site. Sample weights ranged from 0.7 to 1.7 kg. Photos of the sample sites are provided in Appendix B.

**Table 5. Location, description and analytical results (Li, Mg, Ca) for samples collected by the author on Sept. 1, 2021.**

| Project | Sample No. | Date | Sampler | Location (NAD83) | | | Sample Type | Sample Length (m) | Sample Weight (kg) | Lab | Method | Li (ppm) | Mg (%) | Ca (%) | Comments/Description |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Northing | Easting | Elevation | | | | | | | | | |
| ELi | 272522 | 9/9/2021 | RJ | 4334619 | 574045 | 2081 | Chip/channel | 0.9 | 0.7 | AA | ICP-2AM50 | 510.6 | 4.0 | 7.5 | Wh, lt gy, olive msv to fnly lam'd tuff sltst; local lithics |
| ELi | 272523 | 9/9/2021 | RJ | 4334518 | 573732 | 2092 | Chip/channel | 0.8 | 1.2 | AA | ICP-2AM50 | 468.7 | 5.4 | 13.0 | Wh, beige, olive fissile sltst; weathered; lacustrine |
| ELi | 272524 | 9/9/2021 | RJ | 4334518 | 573734 | 2092 | Chip/channel | 0.6 | 0.8 | AA | ICP-2AM50 | 623.5 | 6.9 | 11.7 | Below -23; beige-olive, fissile sltst w/ lithics; M FeOx |
| ELi | 272525 | 9/9/2021 | RJ | 4334616 | 573644 | 2094 | Chip/channel | 1 | 1.4 | AA | ICP-2AM50 | 408.4 | 4.0 | 12.4 | Wh-tan-olive fissile shale; tuff lake seds |
| ELi | 272526 | 9/9/2021 | RJ | 4334682 | 573548 | 2099 | Chip/channel | 1 | 1 | AA | ICP-2AM50 | 377.4 | 2.7 | 0.0 | As above; fissile, msv, fn gn w/ gypsum |
| ELi | 272527 | 9/9/2021 | RJ | 4334779 | 573487 | 2103 | Chip/channel | 0.8 | 1.1 | AA | ICP-2AM50 | 412.6 | 3.2 | 15.9 | Lt olive - gy, fissile sltst; base of slope |
| ELi | 272528 | 9/9/2021 | RJ | 4334805 | 573516 | 2097 | Chip/channel | 0.5 | 1 | AA | ICP-2AM50 | 409.3 | 3.5 | 11.9 | Lt gy-olive sh, sltst; gully in floor of basin |
| ELi | 272529 | 9/9/2021 | RJ | 4334836 | 573662 | 2094 | Chip/channel | 1 | 1.3 | AA | ICP-2AM50 | 587.6 | 5.0 | 11.6 | Fissile olive sltst; sm knoll near base of slope |
| ELi | 272530 | 9/9/2021 | RJ | 4334814 | 573687 | 2094 | Chip/channel | 1 | 1.7 | AA | ICP-2AM50 | 387.6 | 3.5 | 8.3 | As above; top of small knoll |

A total of 9 rock samples were collected from outcrops and sub-crops. The location and description of these samples are provided in Table 5 along with the analytical results for selected elements (Li, Mg and Ca). The sample sites are shown in Figure 4.

All samples were collected, bagged and transported by the Author to Reno, Nevada to the facilities of American Assay Laboratories (AAL). Once delivered:

- Samples were crushed and pulverized; and
- Samples were analyzed employing the ICP-2AM50 (2 acid digestion; Inductively Coupled Plasma Mass Spectroscopy; 0.5 gm sample; 50 elements).

The lower limit of detection for Li was 0.5 ppm. Owing to the small size of this job, blanks and standards were not inserted. Instead, AAL has internal QA/QC methods on laboratory procedures (Appendix A).

Table 5 reveals that the Li contents for the 9 samples ranged between 377.4 to 623.5 ppm Li; the average is 465 ppm Li.

**Figure 5. Photo of low-lying hills comprising the Horse Camp formation. The Li-bearing sediments extend from the foreground to the hills in the background.**

## 13.0 Mineral Processing and Metallurgical Testing

There has not been any metallurgical testing on mineralized rock from the ELi project.

## 14.0 Mineral Resource Estimates

There are no Mineral Resource estimates for the ELi project.

## 15.0 Adjacent Properties

The Clayton Valley Lithium Project, owned by Cypress Development Corp., is located about 200 km southwest from the ELi project in Esmeralda County, Nevada. Cypress is currently in the pre-feasibility stage which has been summarized by Fayram, et al (2020).

The Clayton Valley lithium deposit is contained within a closed basin near the southwestern margin of the Basin and Range geophysiographic province of western Nevada. Clayton Valley is the lowest in elevation of a series of regional playa filled valleys, with a playa floor of about 100 square kilometers that receives surface drainage from an area of about 1,300 $km^2$. The southern and eastern portions are dominated by uplifted, lacustrine sedimentary units of the Esmeralda Formation which stratigraphically correlates with the Horse Camp formation of the ELi project.

Within the Clayton Valley project area, the Esmeralda Formation is comprised of fine grained sedimentary and tuffaceous units. Elevated lithium concentrations, generally greater than 600 ppm, are encountered in the local sedimentary units of the Esmeralda Formation from surface to at least 142 meters below the surface. The lithium-bearing sediments primarily occur as silica-rich, moderately calcareous, interbedded tuffaceous mudstone, claystone, and siltstone.

From 2017 to 2019, Cypress drilled a total of 29 vertical, NQ-size (1.87-inch diameter) core holes. Drill hole depths were from 33 to 142.3 meters (108-467 feet), totaling 2,574.9 meters (8,448 feet) drilled (Fayram, 2020).

The pit constrained Mineral Resource totals 1,304.2 million tonnes averaging 904.7 parts per million (ppm) Li in the Indicated Resource (Fayram, 2020). Lithium contained in the pit-constrained Indicated Resource totals 1,179.9 million kg of Li, or 6.28 million tonnes of lithium carbonate equivalent (LCE).

Lithium in the deposit is associated with illite and smectite clays. The lithium is amenable to leaching with dilute sulfuric acid leach followed by filtration, solution purification, concentration, and electrolysis to produce lithium hydroxide.

The nominal production rate at full operation is set at 15,000 tpd, or 5.475 million tonnes/year (tpy). The production schedule uses the material from the first eight pit phases, which results in a 40-year mine life, and 213 million tonnes of mill feed at an average grade of 1,129 ppm Li. Recovery of lithium is estimated at 83%. The resulting annual output averages 27,400 tpy of LCE.

Results for the project base case are (Fayram, 2020):

• Average annual production of 27.4 million kg of LCE;
• Cash operating cost of $3,387/tonne LCE;
• An after-tax $1.030 billion NPV at 8% discount rate;
• An after-tax IRR of 25.8%;
• Payback period of 4.4 years;
• Break-even price (0% IRR) of $4,081/t LCE.

The cash flow model is most sensitive to changes in lithium price. Sensitivities to lithium price, capital and operating cost are shown below in Table 6.

**Table 6. Economic sensitivity for the Clayton Valley project (from Fayram, et al, 2020).**

| Variation | 50% | Base Case | 150% |
|---|---|---|---|
| Lithium Price $/t LCE<br>NPV-8%<br>IRR | $4,750<br>$-0.14 million<br>5.0% | $9,500<br>$1.030 billion<br>25.8% | $14,250<br>$2.142 billion<br>41.3% |
| Capital Cost<br>NPV-8%<br>IRR | $247 million<br>$1.252 billion<br>46.2% | $493 million<br>$1.030 billion<br>25.8% | $740 million<br>$807 million<br>17.8% |
| Operating Cost<br>NPV-8%<br>IRR | $1,664/t LCE<br>$1.407 billion<br>31.2% | $3,387/t LCE<br>$1.030 billion<br>25.8% | $4,993/t LCE<br>$647 million<br>19.7% |
| Note: IRR (internal rate of return) and NPV (net present value) are both shown after-tax | | | |

## 16.0 Other Relevant Data and Information

No other relevant data or information has been identified during the preparation of this document.

## 17.0 Interpretation and Conclusions

Due diligence conducted by the Author on the ELi property has confirmed strongly anomalous (>500 ppm Li) lithium values associated with fissile mudstone and claystone of the Horse Camp formation (Pliocene-Miocene). These results (X = 465 ppm Li; 2021) compare reasonably well with earlier sampling (X = 668 ppm Li; 2019) but are 30% lower. Since Li is expected to be contained in the smectite (clay) structure, it is possible that surface waters may be able leach lithium in near surface environments. This particular unit, the Horse Camp formation, has been correlated to other lithium-bearing units across the Great Basin physiographic province and, in particular, Nevada.

In order to better define the distribution of the Horse Camp unit, geologic mapping of the area needs to be completed. Emphasis should be placed on the definition of the upper and lower contacts of the Li-bearing units, stratigraphy of the Pliocene-Miocene package and a structure contour map on the top of the Horse Camp formation.

The definition of lithium contents of the targeted unit will be best completed by a drilling program (reverse circulation) conducted on-grid over the land package once mapping and structural analyses have been completed.

# 18.0 Recommendations

## 18.1 Phase 1 Recommendations

Based upon the Author's visit to the ELi project area in September 2021 and discussions with Mr. Marco Montecinos, several recommendations for additional work are provided below with focus on a shallow drilling program. The goal of this program should be to confirm the lithium contents of the sediments, versus samples for metallurgical testing, allowing for the use of Reverse Circulation technology:

- Geologic mapping of the claim block and surrounding area focusing on the Li-bearing unit, definition of lower and upper contacts and depth of concealment.
- Geochemical sampling of the Li-bearing rocks within claim block.
- Define a drill program (RC) and access for permitting purposes (Notice of Intent; <5 acres of disturbance) and submit to BLM.
- Complete environmental permitting for the proposed drilling program and commence biological studies for the Plan of Operations.
- Drill 450 metres of RC over the areas where erosion in the Li-bearing sediments is minimal. Initial holes should be deep enough to identify and define the base of this unit; holes likely to be <30 meters.

An estimated cost for these activities is provided below in Table 7.

**Table 7. Proposed exploration activities and estimated costs for advancing the ELi project**

| Phase 1 | | | | |
|---|---|---|---|---|
| **Activity** | **Duration** | **Unit** | **Unit Cost** | **Total Cost** |
| Geology Mapping/ Sampling - Senior Geologist | 15 | Days | $ 950 | $ 14,250 |
| Geology Mapping/Sampling - Junior Geologist | 15 | Days | $ 600 | $ 9,000 |
| Maps, sections, design | 10 | Days | $ 900 | $ 9,000 |
| Permitting (Notice of Intent) | | | $ 7,000 | $ 7,000 |
| Bond | | | | $ 20,000 |
| Land Expansion Cost (landman, staking, fees) | | | | $ 46,500 |
| Land Holding Cost | | | | $ 12,000 |
| RC Drilling (15 holes @ 30m /hole = 450m) | 450 | Metres | $ 125 | $ 56,250 |
| Permitting (Plan of Operation) | | | $ 40,000 | $ 40,000 |
| Analyses (Surface & Drilling) | 600 | Samples | $60 | $ 36,000 |
| **TOTAL COST OF PHASE 1: $250,000 (CAD)** | | | | |

## 18.2 Phase 2 Recommendations

The Phase 2 work recommendations are dependent on the positive results of the Phase 1 work program and are shown in Table 8 .

The goal of this program would be to further define and characterize the lithium mineralization at the ELi project by:

- Geophysics program focused on characterizing and defining the host lithology, stratigraphy and depth of basin.
- Additional geologic mapping if the claim block is expanded.
- Collect additional surface samples to further establish exploration vectors, stratigraphy, lithology, geochemistry and metallurgy.
- Using whole rock analyses to characterize the global lithologic units as well as other rock-building oxides.
- Analyzing a portion of the samples for detailed mineralogy using a Scanning Electron Microscope (SEM) for metallurgical purposes.
- Diamond drilling approximately 1,700m to characterize mineralization and establish depths and spatial continuity.

**Table 8. Proposed exploration activities and estimated costs for advancing the ELi project**

| Phase 2 | | | | |
|---|---|---|---|---|
| **Activity** | **Duration** | **Unit** | **Unit Cost** | **Total Cost** |
| Surface and Drilling - Senior Geologist | 40 | Days | $ 950 | $ 38,000 |
| Surface and Drilling - Junior Geologist | 40 | Days | $ 600 | $ 24,000 |
| Assaying from Surface Sampling | 200 | Samples | $ 60 | $ 12,000 |
| Whole Rock Analysis | 100 | Samples | $ 100 | $ 10,000 |
| Mineralogy (SEM) | 100 | Samples | $ 1,000 | $ 100,000 |
| Permitting (Plan of Operation) | 12 | months | $ 250,000 | $ 250,000 |
| Geophysics | | | | $ 126,000 |
| Diamond Drilling | 1,724 | Metres | $ 300.00 | $ 517,200 |
| Drilling Assaying | 2,000 | Samples | $ 60.00 | $ 120,000 |
| Contingency | 10 | Percent | | $ 119,720 |
| **TOTAL COST OF PHASE 2: $1,316,920 (CAD)** | | | | |

## 19.0 References

Asher-Bolinder, Sigrid, 1991, Descriptive model of lithium in smectites of closed basins: in Some Industrial Mineral Deposit Models: Descriptive Deposit Models, edited by G.J. Orris1 and J.D. Bliss, Open-File Report 91-11A.

Fayram, T.S., Lane, T.A. and Brown, J.J. (2020), Prefeasibility Study Clayton Valley Lithium Project, Esmeralda County, Nevada: NI 43-101 Technical Report, prepared for Cypress Development Corp., 181p.

## 20.0 Signatures Page and Qualified Person Certificate

Certificate of Qualified Person: Robert Johansing

I, Robert Johansing, as author of the Technical Report titled "The ELi Sediment-Hosted Lithium Deposit, Eureka & Nye Counties, Nevada" (the "Technical Report") dated effective January 4, 2022 and prepared for Nevada Alaska Mining Company (the "Issuer") and do hereby certify that:

1. I am an independent consultant doing business as Johansing & Associates and having an address for business at 154 Romaine Drive, Santa Barbara, CA 93105.

2. I graduated with a Bachelor of Science (1976) degree in Geology from Fort Lewis College, Durango, Colorado and a Masters of Science (1982) degree in Economic Geology from Colorado State University, Fort Collins, Colorado.

3. I am a Qualified Professional Member (#01520QP) of the Mining and Metallurgical Society of America.

4. I have practiced my profession in excess of forty years.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education and past relevant work experience, I fulfill with requirements to be a "qualified person" for the purposes of NI 43-101. This report is based on my personal review of information provided by the Issuer and on discussions with persons having past experience with the ELi project. My relevant experience for the purpose of this report is:

| | |
|---|---|
| 1975 | Mine Geologist, Sunnyside Mine (Vein -Au, Ag, Cu, Pb, Zn), Silverton, Colorado. |
| 1976-1978 | Senior Mine Geologist, Sherman Mine (CRD, Ag), Leadville, Colorado. |
| 1979-1982 | Applied research and exploration, Leadville, Colorado. |

1982 VMS exploration in Puebla, Mexico
1982-1986 Consulting Geologist, London Mine (veins; Au), Park Co., Colorado.
1987-1990 Consulting Geologist, Leadville, Colorado.
1990-1993 Applied research, Kennecott Exploration, veins & CRDs in Mexico & Colorado.
1993-2002 Exploration and delineated the El Dorado district, El Salvador (Kinross El Salvador).
2002-2015 Exploration for epithermal Au-Ag deposits in Latin America, Johansing & Associates.
2015-2020 Identification and exploration of epithermal precious metal vein systems in the Southwest U.S.

6. I am responsible for the preparation of the technical report titled " ELi Sediment-Hosted Lithium Deposit, Eureka & Nye Counties, Nevada: Technical Report" and dated January 4, 2022 and take responsibility for all sections of the Technical Report.

7. I visited the property on September 1, 2021 with Marco Montecinos, the Company's representative, and visited several critical exposures, including mineralized material, reviewed the project's history, exploration activities, data base and discussed exploration activities going forward.

8. I had no prior involvement with the properties that are the subject of the Technical Report before this visit.

9. As of the date of this certificate, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

10. I am independent of the Vendor (Marco Montecinos) and the Issuer (Clear Sky Lithium) applying all of the tests in section 1.5 of National Instrument 43-101.

11. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

12. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

**Dated the 4th day of January 2022**

*"Robert J. Johansing"* (sealed)

**Robert J. Johansing**
BSc Geology, MSc Economic Geology, QP MMSA

# APPENDIX A

## Analytical Results for Samples Collected on Sept. 9, 2021

**SP0138075**
**FINAL REPORT**
CLIENT : Tigren Inc
PROJECT : ELi
REFERENCE : 272522-272530
REPORTED : 27-Sep-2021

| | Wt | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BRPP2KG | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 |
| | 0.01 | 0.05 | 100 | 0.1 | 10 | 5 | 0.01 | 0.01 | 100 | 0.02 | 0.1 | 0.1 | 0.1 |
| SAMPLES | kg | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 272522 | 0.70 | 0.05 | 6899 | 6.2 | 45 | 441 | 0.37 | 0.08 | 75105 | 0.32 | 28.5 | 2.2 | 16.8 |
| 272523 | 1.20 | -0.05 | 4059 | 6.9 | 88 | 82 | 0.47 | 0.10 | 130127 | 0.17 | 30.1 | 2.0 | 2.8 |
| 272524 | 0.80 | -0.05 | 4084 | 22.4 | 88 | 88 | 0.43 | 0.07 | 116826 | 0.15 | 30.1 | 2.0 | 3.5 |
| 272525 | 1.40 | -0.05 | 4791 | 11.7 | 104 | 86 | 0.52 | 0.13 | 123492 | 1.65 | 35.3 | 2.6 | 4.5 |
| 272526 | 1.00 | 0.06 | 4252 | 20.4 | 92 | 126 | 0.47 | 0.09 | 162330 | 3.98 | 53.0 | 2.4 | 4.1 |
| STD - OREAS 905 | | 0.48 | 3914 | 32.4 | -10 | 170 | 0.72 | 5.48 | 3261 | 0.20 | 63.5 | 11.6 | 10.8 |
| 272527 | 1.10 | 0.08 | 4168 | 10.0 | 106 | 68 | 0.46 | 0.21 | 158477 | 0.26 | 47.2 | 2.5 | 4.1 |
| 272528 | 1.00 | 0.06 | 4179 | 11.4 | 68 | 66 | 0.49 | 0.09 | 118772 | 0.70 | 36.2 | 2.2 | 4.1 |
| BLANK | | -0.05 | -100 | 0.2 | -10 | -5 | -0.01 | -0.01 | -100 | -0.02 | 0.9 | -0.1 | 1.0 |
| 272529 | 1.30 | 0.06 | 3814 | 8.8 | 84 | 89 | 0.49 | 0.08 | 115595 | 0.42 | 37.8 | 1.8 | 3.1 |
| 272530 | 1.70 | -0.05 | 5072 | 8.4 | 45 | 80 | 0.62 | 0.13 | 80271 | 0.76 | 27.4 | 3.3 | 5.1 |
| 272530-X | | -0.05 | 4965 | 8.4 | 42 | 76 | 0.61 | 0.14 | 76294 | 0.74 | 26.6 | 3.2 | 4.9 |

**SP0138075**
**FINAL REPORT**
CLIENT : Tigren Inc
PROJECT : ELI
REFERENCE : 272522-272530
REPORTED : 27-Sep-2021

| | Cs | Cu | Fe | Ga | Ge | Hf | Hg | In | K | La | Li | Mg | Mn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 |
| | 0.1 | 0.1 | 100 | 0.02 | 0.01 | 0.01 | 0.005 | 0.01 | 1000 | 0.01 | 0.5 | 100 | 5 |
| SAMPLES | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 272522 | 25.2 | 9.1 | 7576 | 2.11 | 0.34 | 1.11 | 0.112 | 0.02 | 8151 | 13.38 | 510.6 | 40243 | 131 |
| 272523 | 18.2 | 7.6 | 7286 | 1.43 | 0.18 | 0.76 | 0.071 | 0.02 | 5588 | 13.84 | 468.7 | 54002 | 186 |
| 272524 | 24.1 | 7.4 | 8100 | 1.88 | 0.26 | 0.46 | 0.046 | 0.02 | 6089 | 13.91 | 623.5 | 69399 | 160 |
| 272525 | 30.7 | 13.6 | 7693 | 1.76 | 0.17 | 0.45 | 0.032 | 0.02 | 8645 | 18.87 | 408.4 | 39987 | 171 |
| 272526 | 35.9 | 12.5 | 8108 | 1.28 | 0.19 | 0.37 | 0.022 | 0.02 | 8915 | 28.33 | 377.4 | 26835 | 248 |
| STD - OREAS 905 | 1.7 | 1624.1 | 34812 | 3.38 | 0.04 | 0.86 | 0.038 | 0.56 | 1963 | 32.95 | 1.9 | 706 | 280 |
| 272527 | 26.0 | 13.4 | 7081 | 1.57 | 0.15 | 0.56 | 0.023 | 0.03 | 8524 | 18.98 | 412.6 | 32026 | 130 |
| 272528 | 28.6 | 8.9 | 8649 | 1.27 | 0.16 | 0.40 | 0.025 | 0.02 | 7384 | 16.80 | 409.3 | 34994 | 130 |
| BLANK | 0.2 | 0.3 | 240 | -0.02 | -0.01 | 0.01 | 0.013 | -0.01 | -1000 | 0.37 | -0.5 | -100 | -5 |
| 272529 | 27.2 | 8.5 | 6270 | 1.84 | 0.22 | 0.37 | 0.025 | 0.02 | 6347 | 13.20 | 587.6 | 49776 | 162 |
| 272530 | 31.9 | 14.1 | 9277 | 1.87 | 0.16 | 0.56 | 0.020 | 0.02 | 8014 | 16.27 | 387.6 | 35284 | 185 |
| 272530-X | 30.5 | 14.0 | 9149 | 1.76 | 0.15 | 0.51 | 0.020 | 0.02 | 7867 | 15.31 | 385.0 | 34905 | 182 |

**SP0138075**
**FINAL REPORT**
CLIENT : Tigren Inc
PROJECT : ELi
REFERENCE : 272522-272530
REPORTED : 27-Sep-2021

| | Mo | Na | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 |
| | 0.1 | 100 | 0.02 | 0.1 | 10 | 3 | 1 | 0.002 | 100 | 0.05 | 0.01 | 0.2 | 0.1 |
| SAMPLES | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 272522 | 0.2 | 2105 | 0.27 | 4.1 | 215 | 5 | 84 | -0.002 | 252 | 0.79 | 1.36 | -0.2 | 0.4 |
| 272523 | 3.6 | 3203 | 0.43 | 2.9 | 171 | 6 | 55 | 0.015 | 2187 | 0.45 | 2.26 | 0.2 | 0.8 |
| 272524 | 2.2 | 1678 | 0.35 | 3.1 | 131 | 5 | 61 | -0.002 | 439 | 0.44 | 2.28 | -0.2 | 0.6 |
| 272525 | 1.1 | 1648 | 0.80 | 6.6 | 246 | 7 | 82 | 0.008 | 1380 | 0.73 | 2.02 | 0.3 | 0.4 |
| 272526 | 1.4 | 1043 | 0.59 | 6.6 | 238 | 7 | 96 | 0.002 | 298 | 1.35 | 1.50 | -0.2 | 0.5 |
| STD - OREAS 905 | 2.5 | 720 | 0.19 | 5.4 | 220 | 17 | 13 | -0.002 | 631 | 1.46 | 0.89 | 1.7 | 1.0 |
| 272527 | 0.3 | 948 | 0.82 | 7.4 | 228 | 6 | 76 | 0.002 | 217 | 0.76 | 2.10 | 0.3 | 0.5 |
| 272528 | 1.5 | 719 | 0.49 | 6.5 | 238 | 6 | 71 | 0.004 | 114 | 0.89 | 2.02 | -0.2 | 0.4 |
| BLANK | 0.1 | -100 | -0.02 | 0.2 | -10 | -3 | -1 | -0.002 | -100 | 0.08 | 0.10 | -0.2 | -0.1 |
| 272529 | 0.7 | 1326 | 0.25 | 3.1 | 166 | 6 | 59 | 0.002 | 1002 | 0.41 | 2.04 | -0.2 | 0.4 |
| 272530 | 0.7 | 1536 | 0.19 | 7.6 | 278 | 7 | 91 | 0.003 | 313 | 0.67 | 1.81 | -0.2 | 0.6 |
| 272530-X | 0.6 | 1539 | 0.19 | 7.6 | 274 | 7 | 88 | 0.003 | 292 | 0.68 | 1.76 | -0.2 | 0.6 |

**SP0138075**
**FINAL REPORT**
CLIENT : Tigren Inc
PROJECT : ELi
REFERENCE : 272522-272530
REPORTED : 27-Sep-2021

| | Sr | Ta | Te | Th | Ti | Tl | U | V | W | Y | Zn | Zr | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | ICP-2AM50 | |
| | 1 | 0.02 | 0.01 | 0.1 | 10 | 0.002 | 0.1 | 1 | 0.1 | 0.1 | 2 | 0.1 | 0.1 |
| SAMPLES | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | |
| 272522 | 710 | 0.05 | -0.01 | 8.6 | 261 | 0.312 | 1.6 | 85 | 0.4 | 6.5 | 35 | 25.7 | |
| 272523 | 1572 | 0.20 | 0.01 | 9.3 | 217 | 0.321 | 2.0 | 16 | 0.3 | 7.5 | 29 | 7.9 | |
| 272524 | 1200 | 0.27 | 0.02 | 12.2 | 206 | 0.272 | 1.6 | 21 | 0.5 | 9.0 | 24 | 8.3 | |
| 272525 | 1028 | 0.23 | 0.03 | 8.1 | 165 | 0.302 | 2.4 | 21 | 0.3 | 8.4 | 52 | 6.4 | |
| 272526 | 1248 | 0.14 | 0.03 | 14.5 | 224 | 0.474 | 2.8 | 30 | 0.1 | 11.1 | 56 | 5.4 | |
| STD - OREAS 905 | 10 | 1.19 | 0.08 | 8.3 | 91 | 0.119 | 1.4 | 3 | 0.8 | 3.6 | 63 | 18.1 | |
| 272527 | 1179 | 0.25 | 0.04 | 11.0 | 148 | 0.404 | 1.5 | 31 | 0.2 | 11.9 | 56 | 5.7 | |
| 272528 | 913 | 0.13 | 0.02 | 8.5 | 146 | 0.380 | 1.2 | 34 | 0.2 | 9.1 | 52 | 5.3 | |
| BLANK | -1 | 0.05 | -0.01 | 0.4 | -10 | 0.029 | -0.1 | -1 | -0.1 | -0.1 | 2 | 0.2 | |
| 272529 | 1168 | 0.27 | 0.02 | 7.0 | 154 | 0.344 | 1.4 | 30 | 0.4 | 7.3 | 27 | 5.5 | |
| 272530 | 725 | 0.22 | 0.02 | 8.1 | 196 | 0.427 | 1.7 | 19 | 0.2 | 7.7 | 61 | 7.2 | |
| 272530-X | 717 | 0.32 | 0.02 | 8.0 | 185 | 0.396 | 1.7 | 19 | 0.2 | 7.5 | 61 | 7.0 | |

# APPENDIX B

# Photos of Samples and Sample Sites Collected on Sept. 9, 2021


**Sample 272522**


**Sample 272523**


**Sample 272524**


**Sample 272525**


**Sample 272526**


**Sample 272527**


**Sample 272528**


**Sample 272529**


**Sample 272530**