



# San Emidio

Oct 2023

Lithium-in-brine

Washoe County, Northwest Nevada

San Emidio prospect offers good infrastructure with geothermal power produced on-site. The prospect shows anomalous Li-in-brine to depths over 100 feet.

Located near the Tesla/Panasonic “Gigafactory”.

Lithium Corporation holds sixty-four – 32.37 hectare (80 acre) Association Placer claims for a total of approx. 1982 hectares (4900 acres). Some of these claims are less than the full 32.37 acres either due to survey inconsistencies, or intervening mineral rights on the southeastern margins of the claim block. The property is roughly described as rectangular block, elongated in a north south orientation. The claims cover the majority of the salt pan or playa.



Project Generator

## Lithium Corp. PORTFOLIO

Lithium		
Fish Lake Valley	Nevada	Brine possible claystone
North Big Smoky	Nevada	Brine
Pole Line Road	Nevada	Clay
San Emidio	Nevada	Brine
Graphite		
BC Sugar	Canada	
Titanium/REE		
Yeehaw	Canada	

## GEOLOGY & MINERALIZATION

Located on the western margin of the Basin and Range province, within “Walker Lane” which is a zone of Miocene structural deformation which trends northwest to southeast paralleling the trend of the Sierra Madre Mountains in Eastern California. Basin and Range faulting began during the Miocene.

Lithium in sediments range in concentration from 30 ppm to 312 ppm (avg of 13 samples 214 ppm) and boron from 20 ppm to 410 ppm (avg 263 ppm in 10 samples). Brines tested to-date contain anomalous concentrations of the above listed elements, with lithium ranging from 3.6 mg/L to 80 mg/L, potassium from 393 to 5030 mg/L, and magnesium from 15 mg/L to 166.5 mg/L.

In Nov. 2022 a brine sample was sent to Candle Lithium Corp. (Edmonton, Canada) for initial tests to determine amenability to Direct Lithium Extraction (DLE). Preliminary testing indicates San Emidio brine is a good candidate for production of lithium via this method.

All information from NI 43-101 Technical Report, San Emidio Lithium Brine Property, Washoe Country, Nevada, USA  
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