

ASX ANNOUNCEMENT

31 July 2026

Upper Aquifer Drilling Programs Completed at White Plains Lithium Brine Project

SUMMARY

- Two new drilling programs have been completed over the near surface Upper Aquifer at the White Plains Project, in Utah, United States, comprising:
 - 10 holes drilled to a depth of 15m using a Geoprobe direct push drill rig, to provide subsurface brine data including lithium grade, lithology and Upper Aquifer depth; and
 - 10 surface auger holes sampled to a depth of 2m, to in-fill the previous 2025 surface auger sampling program and to extend the sample locations to claims located in the south.
- The results of these drilling/sampling programs will facilitate the delineation of a JORC Mineral Resource Estimate in the Upper Aquifer at White Plains.

LE Minerals Limited (ASX:LEL) (**LE Minerals** or **Company**) is pleased to announce that two drilling programs have been completed at the White Plains Lithium Brine Project in Utah, United States (**White Plains**) with the purpose of further defining the lithium brine potential of the Upper Aquifer.

Previous geophysical surveys have mapped the basin architecture at White Plains, identifying two potential aquifers, with a near surface shallow aquifer (**Upper Aquifer**) and a deeper aquifer (**Deep Aquifer**) starting at ~200m depth with a thickness of ~150m.¹

Direct Push Drilling and Auger Sampling of Upper Aquifer

LE Minerals has completed a 10-hole drilling program using a low impact Geoprobe direct push drill rig (see Figure 1). Each hole was drilled to a nominal depth of 15m at nominal 2.5km x 2.5km spacing. The objective of this program is to determine the extent of lithium mineralisation and depth in the Upper Aquifer.

A brine sample was obtained from the base of each drill hole for assay and two larger volume brine samples were collected for potential Direct Lithium Extraction (**DLE**) testwork. Core samples were also collected for logging of the hole lithology.

In 2025, LE Minerals completed a surface auger sampling program (comprising 22 auger samples at ~one mile spacing) collected to a depth of 2m (which was the limit of the auger), with assay results confirming all brine samples collected reporting up to 100mg/l lithium (refer also Figure 1).²

LE Minerals has completed a follow up surface auger sampling program of 10 holes to a nominal 2m depth (refer Figure 2) to extend the sampling to claims located to the south and to twin (WP30 and WP32) two previous auger sampling holes to determine the extent of any seasonal variation in lithium brine concentrations in the Upper Aquifer.

1 Refer LEL ASX Announcement dated 22 September 2025: Magnetotelluric (MT) Survey Completed at White Plains Revealing Two Aquifers

2 Refer LEL ASX Announcement dated 9 October 2025: Recently Completed Works at White Plains Project Confirms Lithium Mineralisation

Of the 10 holes sampled, brine samples were collected from 5 holes (WP27 and WP29 to WP32) but the southern holes (WP23 to WP26 and WP28) were found to be dry (refer Figure 3).



Figure 1: Drilling of Upper Aquifer using a Direct Push Rig at White Plains Lithium Brine Project



Figure 2: Hand Auger drill hole recently completed at White Plains Lithium Brine Project

Figure 3 below outlines the location of the recently completed 10 Upper Aquifer drill holes and 10 auger samples and the 2025 surface auger sample locations (with associated lithium assay results)², within White Plains.

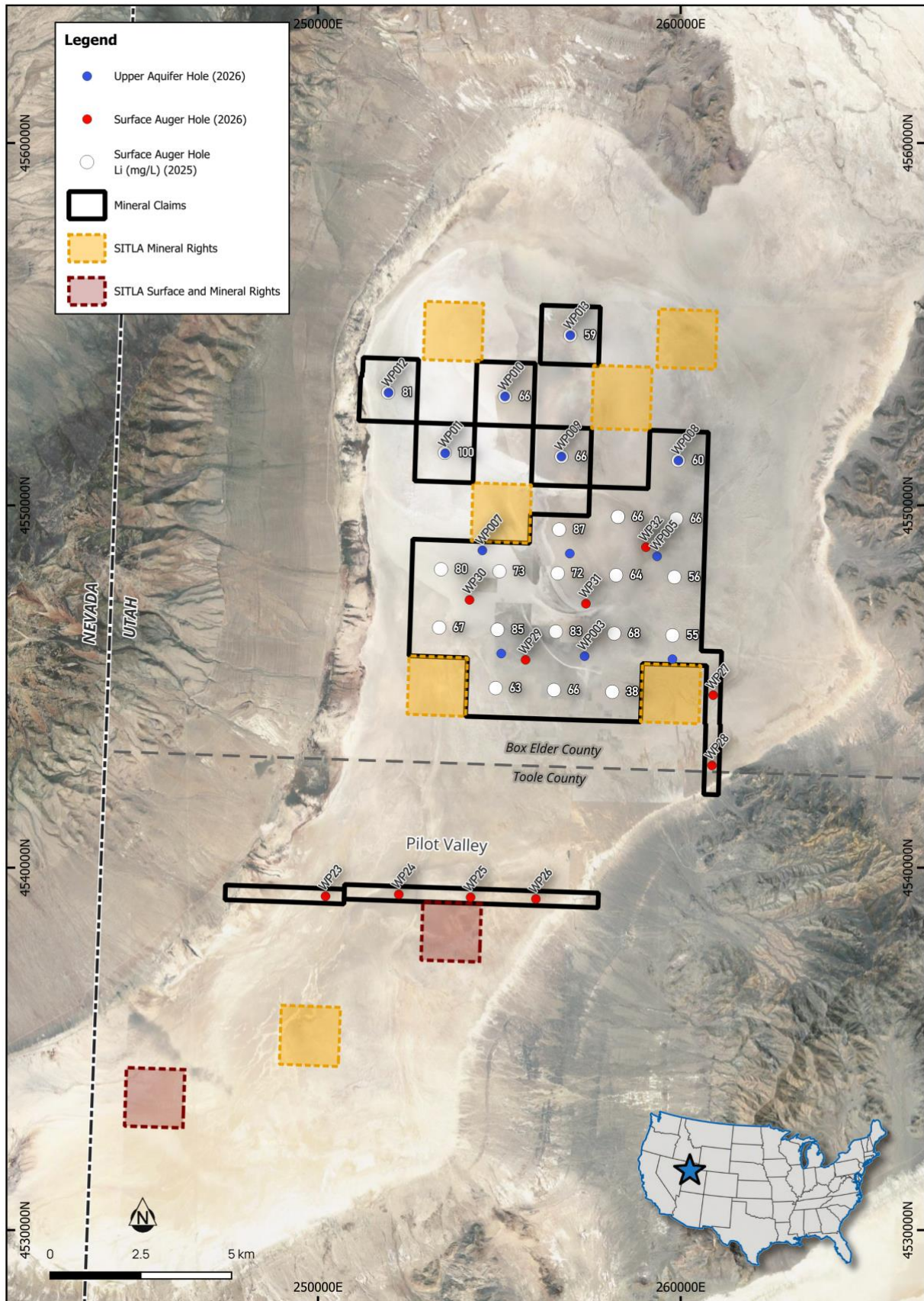


Figure 3: Auger Sample Locations (2026 and 2025 (with Lithium Assay Results)) and Upper Aquifer Drill Hole Locations, White Plains

Table 1 indicates the collar location and depth and drill method of each completed surface auger and Upper Aquifer drill hole.

Table 1: Collar Location, Azimuth and Depth for Upper Aquifer Drill Holes and Auger Holes (2026)

Hole ID	Drill Method	NAD83 – UTM Zone 12N		Dip	Depth (m)
		Easting	Northing		
WP23	Surface Auger	250210	4539210	-90	2
WP24	Surface Auger	252230	4539260	-90	2
WP25	Surface Auger	254210	4539180	-90	2
WP26	Surface Auger	256010	4539135	-90	2
WP27	Surface Auger	260900	4544760	-90	2
WP28	Surface Auger	260865	4542820	-90	2
WP29	Surface Auger	255725	4545735	-90	2
WP30	Surface Auger	254180	4547390	-90	2
WP31	Surface Auger	257390	4547285	-90	2
WP32	Surface Auger	259045	4548845	-90	2
WP002	Direct Push	259775	4545755	-90	15
WP003	Direct Push	257355	4545835	-90	15
WP004	Direct Push	255055	4545905	-90	15
WP005	Direct Push	259350	4548550	-90	15
WP006	Direct Push	256945	4548675	-90	15
WP007	Direct Push	254600	4548730	-90	15
WP008	Direct Push	259705	4551220	-90	15
WP009	Direct Push	256110	4551350	-90	15
WP010	Direct Push	255135	4553025	-90	15
WP011	Direct Push	253820	4551250	-90	15
WP012	Direct Push	251950	4553110	-90	15
WP013	Direct Push	256960	4554690	-90	15

LE Minerals will provide a further update once assay results have been received from these two drill programs.

Subject to these assay results, LE Minerals expects to then be in a position to define a maiden JORC Mineral Resource Estimate for the lithium mineralisation in the Upper Aquifer at White Plains, based on these assay results, the assay results from the 2025 surface auger sampling program² and the results from the 2025 passive seismic³ and magnetotelluric⁴ (MT) geophysical surveys.

³ Refer LEL ASX Announcement dated 18 June 2025: Passive Seismic Survey Completed at White Plains Project Revealing Basin Structure

⁴ Refer LEL ASX Announcement dated 22 September 2025: Magnetotelluric (MT) Survey Completed at White Plains Revealing Two Aquifers

About the White Plains Project

LE Minerals has staked 6,180 hectares of mineral claims (768 claims in total) and secured exploration rights (with an option to enter into a mineral lease agreement with exploitation rights) over ~2,340 hectares (9 parcels) of mineral leases from the State of Utah's School and Institutional Trust Lands Administration (SITLA)⁵ at White Plains.

White Plains is located approximately 200km west of Salt Lake City and comprises a large portion of a land-locked hypersaline salt pan bounded by mountains on three sides.

The Salt Lake City region is a focus for lithium and potash companies, including Intrepid Potash's (NYSE:IPI) operating potash production facility at Wendover, together with Lilac Solutions Inc., American Critical Minerals Corporation (CSE:KCLI), Anson Resources Limited (ASX:ASN), Neometals Ltd (ASX:NMT) and Mandrake Resources Limited (ASX:MAN), who are each actively developing direct-lithium extraction (DLE) lithium and/or potash projects at or adjacent to the Great Salt Lake in Utah.

White Plains is well serviced by nearby infrastructure, being located adjacent to US Highway 89 and 15km from the town of Wendover (refer Figure 4).

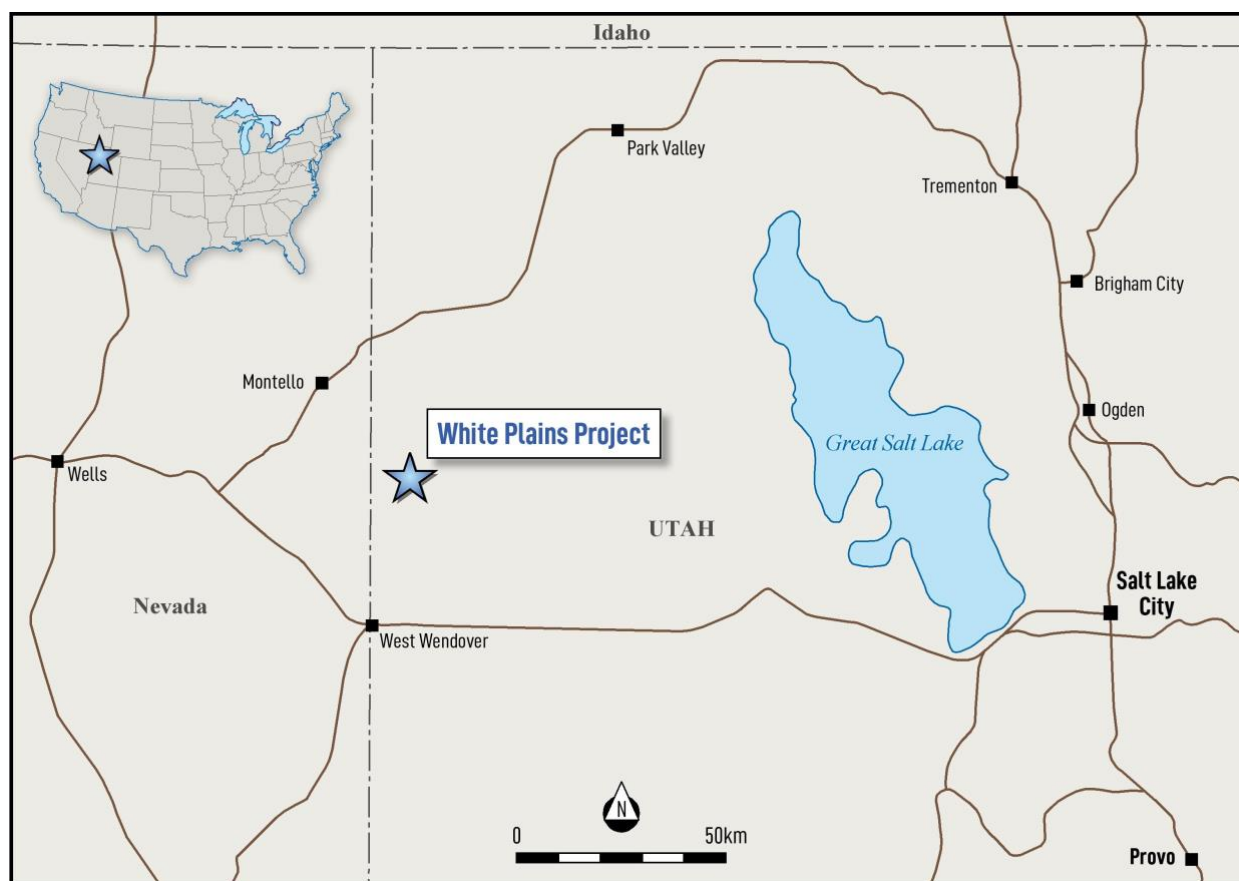


Figure 4: Location of White Plains Lithium Brine Project, Utah, United States

The securing of the White Plains Lithium Brine Project is consistent with LE Minerals' battery minerals focus and, being in Utah, United States, is located in a mining-friendly state and in a country with a large, established and growing demand for locally produced battery minerals such as lithium.

5 Refer LEL ASX Announcement dated 24 June 2026: Additional Mineral Leases Secured at White Plains Lithium Brine Project, Utah, United States

LE Minerals has previously completed:

- a passive seismic geophysical survey program, which has provided insights into the subsurface characteristics of the White Plains brine aquifer with analysis indicating a depth to basement of up to 600 metres and a characteristic Half Graben Basin, where aquifers are often present adjacent to the bounding faults within conglomerates with a sandstone matrix³;
- a Magnetotelluric (MT) geophysical survey program to map the geophysical basin architecture, which has identified two potential aquifers, with a near surface shallow aquifer (Upper Aquifer) and a deeper aquifer (Deep Aquifer) starting at ~200m depth with a thickness of ~150m (refer Figure 5)⁴; and
- a shallow auger sampling program (comprising 22 auger samples (at ~one mile spacing) collected to a depth of 2m (which was the limit of the auger)), with assay results confirming all brine samples collected reporting up to 100mg/l lithium².

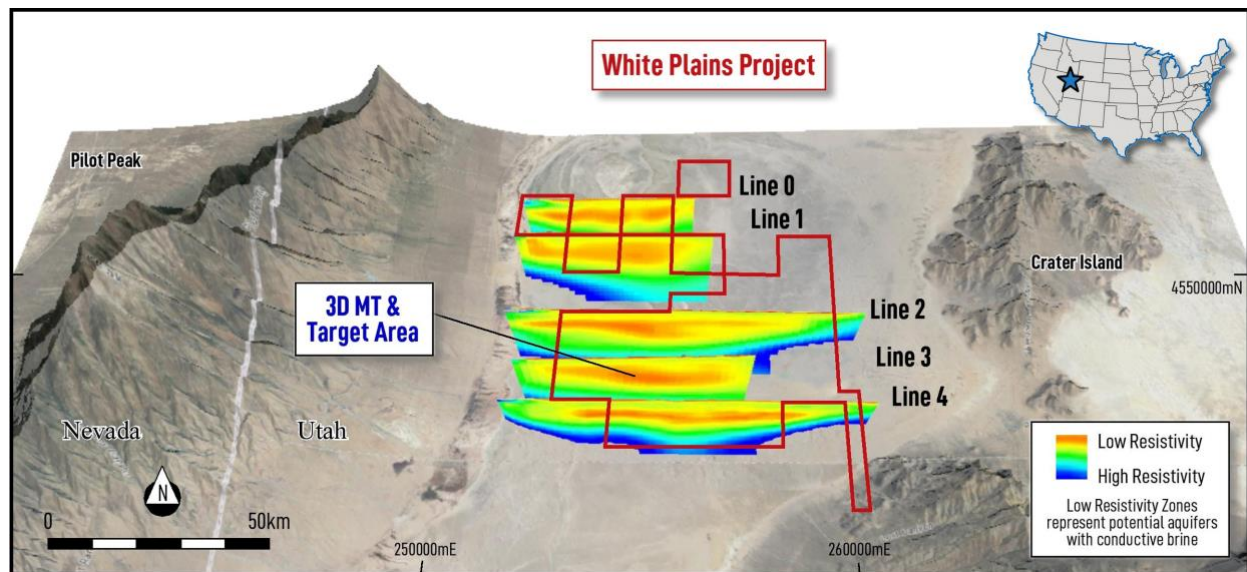


Figure 5: 3D resistivity cross sections from 5 MT survey lines - which mapped geophysical basin architecture, identifying potential Upper Aquifer and Deep Aquifer

AUTHORISED FOR RELEASE - FOR FURTHER INFORMATION:

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JORC CODE (2012) COMPETENT PERSON'S STATEMENT

The information in this document that relates to Exploration Results in relation to the White Plains Lithium Brine Project is extracted from the following ASX market announcements made by LE Minerals Limited (formerly Lithium Energy Limited) dated:

- 9 October 2025 entitled "Recently Completed Works at White Plains Project Confirms Lithium Mineralisation"
- 22 September 2025 entitled "Magnetotelluric (MT) Survey Completed at White Plains Revealing Two Aquifers"
- 18 June 2025 entitled "Passive Seismic Survey Completed at White Plains Project Revealing Basin Structure"

The information in the original announcements is based on, and fairly represents, information and supporting documentation prepared and compiled by Mr Peter Smith (BSc (Geophysics) (Sydney) AIG ASEG). Mr Smith is a Member of the Australian Institute of Geoscientists (AIG). Mr Smith is a Consultant to LE Minerals Limited and was formerly an Executive Director of LE Minerals Limited between 18 March 2021 and 4 October 2025. Mr Smith has the requisite experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code (2012)). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements (referred to above). The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements (referred to above).

LE Minerals' ASX Announcements may be viewed and downloaded from the Company's website: www.leminerals.com.au or the ASX website: www.asx.com.au under ASX code "LEL".

FORWARD LOOKING STATEMENTS

This document contains "forward-looking statements" and "forward-looking information", including statements and forecasts which include without limitation, expectations regarding future performance, costs, production levels or rates, mineral reserves and resources, the financial position of LE Minerals, industry growth and other trend projections. Often, but not always, forward-looking information can be identified by the use of words such as "plans", "expects", "is expected", "is expecting", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes", or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might", or "will" be taken, occur or be achieved. Such information is based on assumptions and judgements of management regarding future events and results. The purpose of forward-looking information is to provide the audience with information about management's expectations and plans. Readers are cautioned that forward-looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of LE Minerals and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information. Such factors include, among others, changes in market conditions, future prices of minerals/commodities, the actual results of current production, development and/or exploration activities, changes in project parameters as plans continue to be refined, variations in grade or recovery rates, plant and/or equipment failure and the possibility of cost overruns.

Forward-looking information and statements are based on the reasonable assumptions, estimates, analysis and opinions of management made in light of its experience and its perception of trends, current conditions and expected developments, as well as other factors that management believes to be relevant and reasonable in the circumstances at the date such statements are made, but which may prove to be incorrect. LE Minerals believes that the assumptions and expectations reflected in such forward-looking statements and information are reasonable. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. LE Minerals does not undertake to update any forward-looking information or statements, except in accordance with applicable securities laws.