

TITANLITHIUM

EXPLORATION AND DEVELOPMENT OF WORLD CLASS LITHIUM PROJECTS



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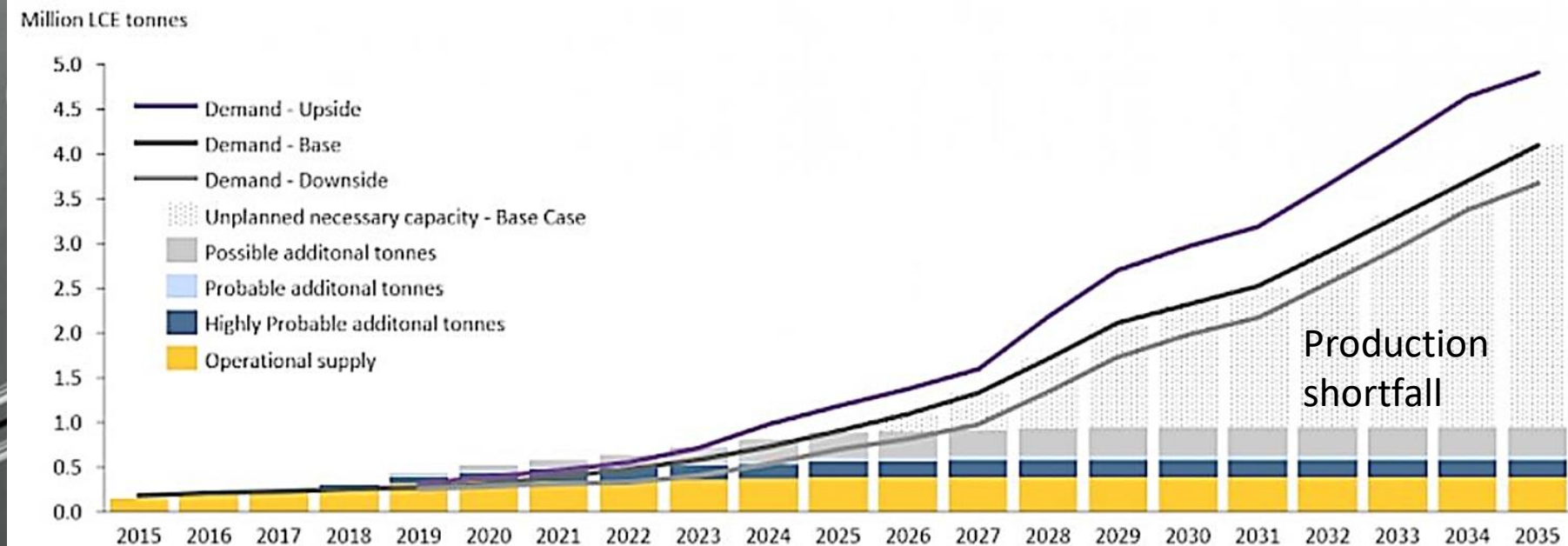
Lithium Market Movement

- May 22, 2022: The U.S. Department of Energy earmarks **3 Billion for boosting the U.S. supply of Lithium and other critical battery minerals.**
- June 14, 2022: The United States, Canada, Australia, France, Germany, Japan, the United Kingdom establish a new partnership aimed at securing the supply of critical minerals, essential for clean energy. Speaking in Toronto, Jose Fernandez, under secretary for economic growth, energy and the environment at the U.S. State Department **"You will need six times more lithium by 2050 than you use today in order to meet the clean energy goals."**
- Jan 13, 2023: The U.S. Department of Energy announces a conditional loan of **\$700 million to Australian mining company, Loneer Ltd** to develop the Rhyolite Ridge lithium project which is still facing environmental hurdles in Nevada as the U.S. seeks domestic supplies for a key component in electric vehicle batteries.
- Jan 16, 2023: The **Canadian government approves the construction of the James Bay lithium mine in northern Quebec**, moving Australia-based Allkem Ltd.'s project closer to the finish line, and moving Canada closer to being able to supply a highly sought metal that will be key to the energy transition.
- Jan 31, 2023: **General Motors (NYSE: GM) will invest \$650 million in Canadian company, Lithium Americas**, to help develop the Thacker Pass lithium mine in northern Nevada

Limited Supply and Massive Demand

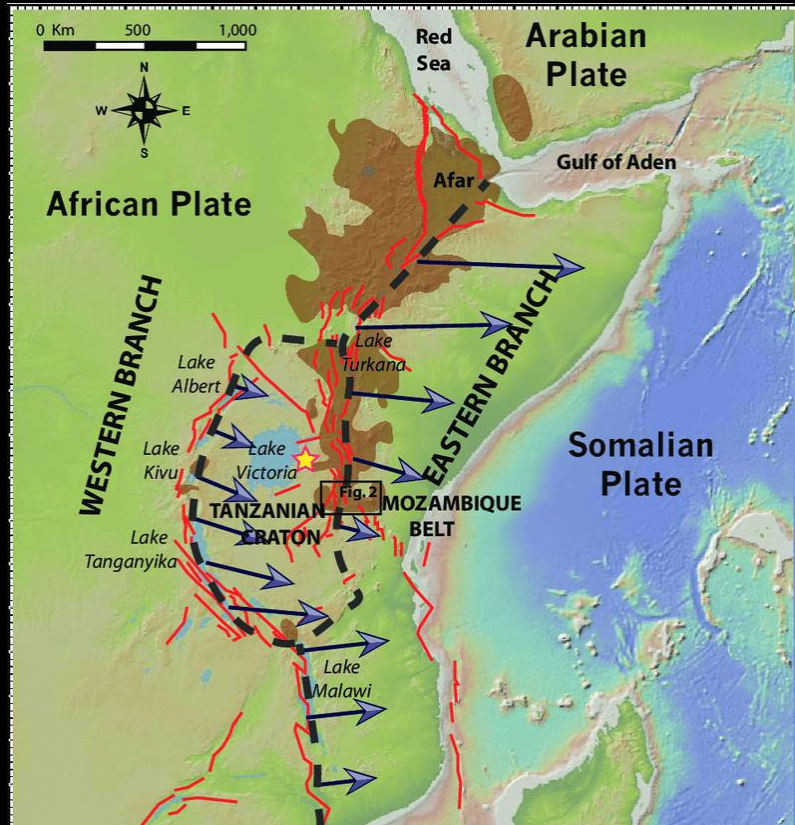
Demand for Lithium to solely service the Electric Vehicle (EV) battery market is forecasted to rapidly outpace current world production.

Current world production of Lithium Carbonate (2022) will need to nearly double by 2026 and triple by just 2028 to maintain battery demand. Demand in 2022 already exceeded the projected demand 'upside' curve.



A massive deficit in Lithium supply is projected by the majority of analysts and the hunt is on for new Lithium resources and Titan has targeted a new resource area with global implications.

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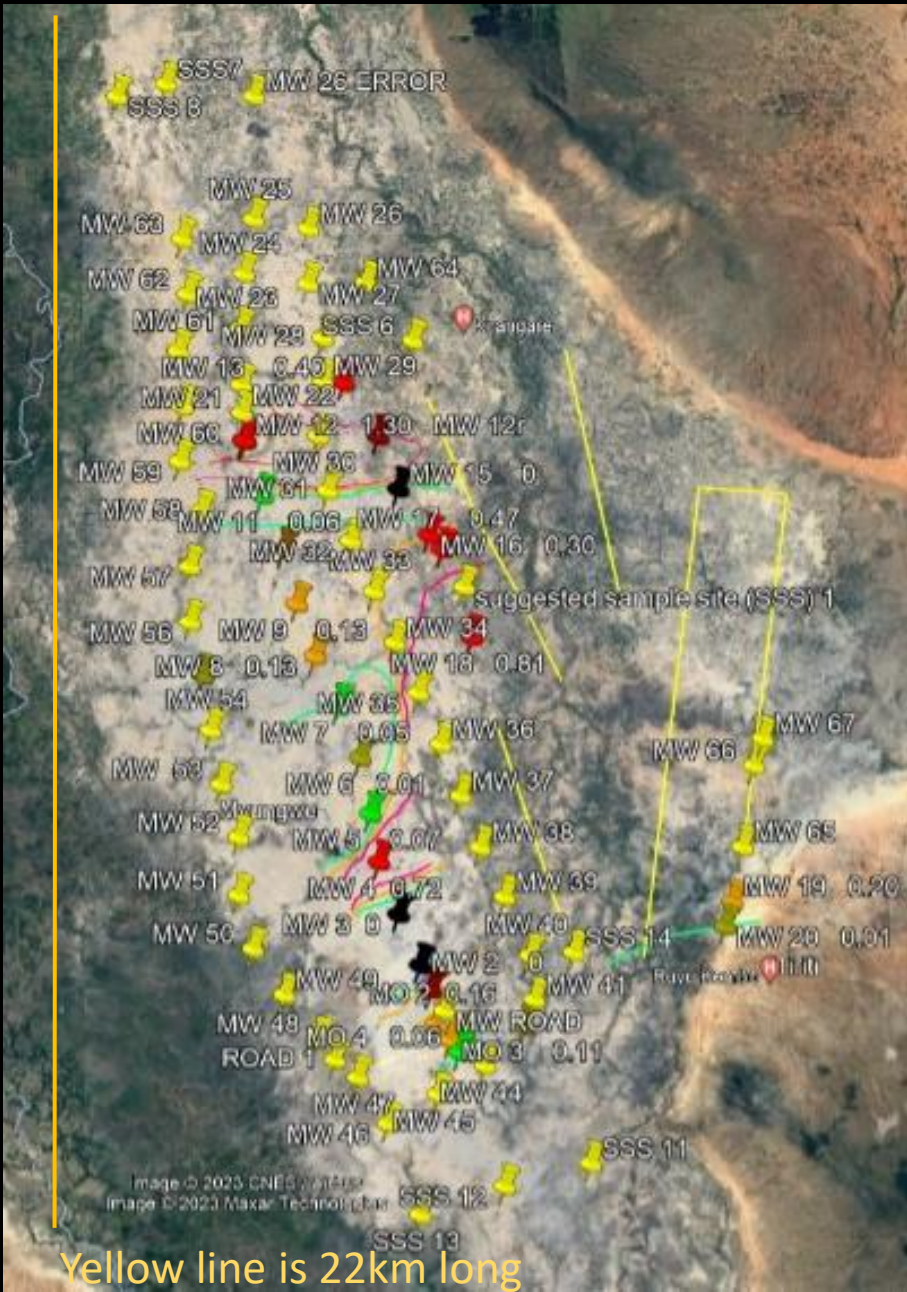
Mount Kilimanjaro, the tallest mountain in Africa, is a stratovolcano and part of a sequence of mid continental volcanism associated with the rifting of the Somalian Plate from the African Plate



Lithium is likely sourced from the multiple eruptions of volcanic ash and mudflow has been concentrated within a fault bounded valley (graben)

TITAN1 PROJECT

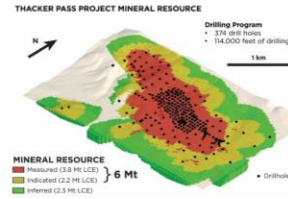
Initial sampling within a portion of the valley highlighted very high Li grade 'footprint' over 17kms (10.5 miles) with values ranging from 600 to 13,000 ppm Li. Sampling was then extended in all directions.



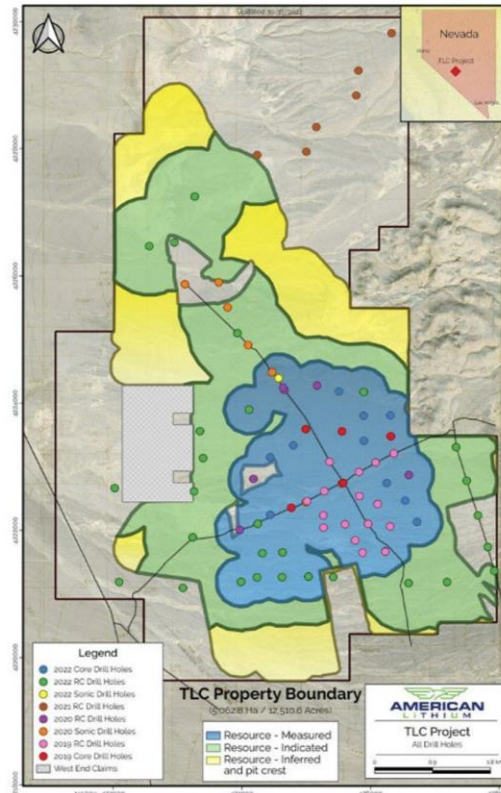
Yellow line is 22km long



Titan Lithium Project



Thacker Pass 8.2MT



TLC - 10.7 MT

The Lithium bearing playa at the Titan 1 valley is shown at the same scale to the two largest claystone Li resources in the U.S.

At the top right is the Thacker Pass deposit of Lithium Americas (T.LAC) in Nevada that contains resources totalling 8.2 MT LCE (523.7 MT at 2,900 ppm Li)

Below right is the TLC Project in Nevada, belonging to American Lithium (V.LI) which is currently the largest Lithium Resource in the U.S with:

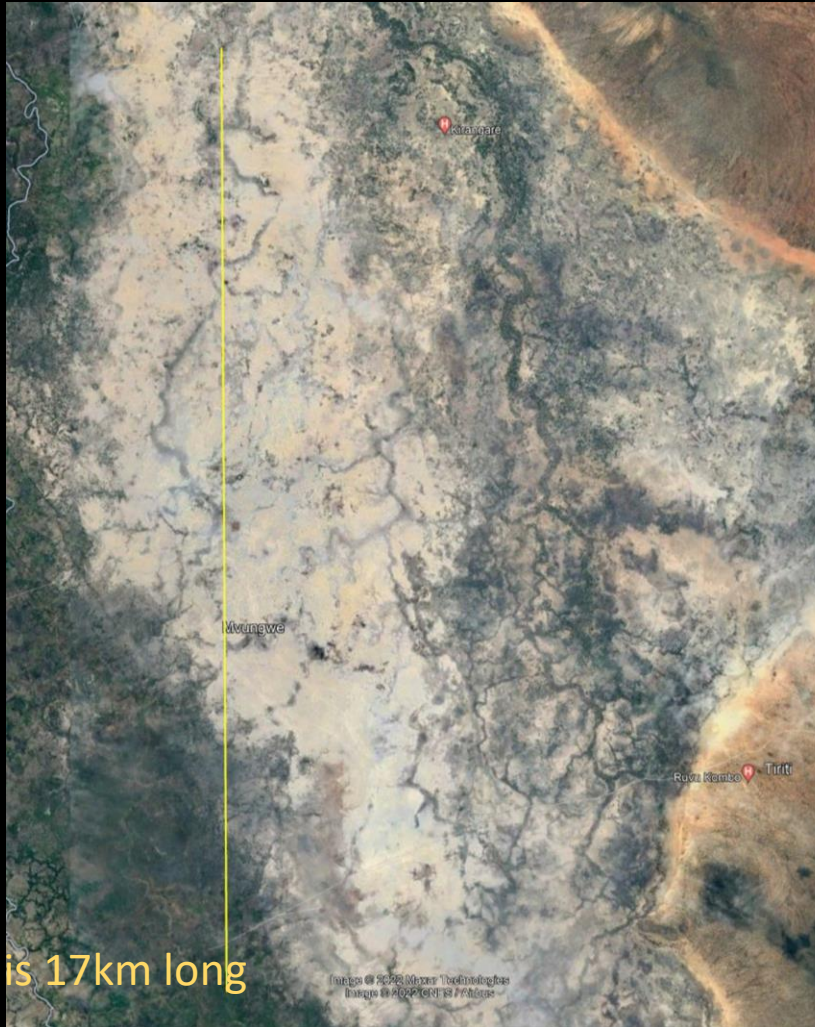
Measured + Indicated = 8.83 Mt LCE
(2052 Mt @ 809 ppm Li) +
Inferred = 1.86 Mt LCE
(486 Mt @ 713 ppm Li)

Below a comparison, at the same scale, of Titan 1 vs the multi-billion dollar **Salar de Olaroz** in Argentina with **6.4 Mt LCE** with grade **690 ppm Li**

Titan 1

Li ranges from
600 to
13,000 ppm

Yellow line is 17km long



Allkem Ltd (T.AKE)

TITAN2 PROJECT

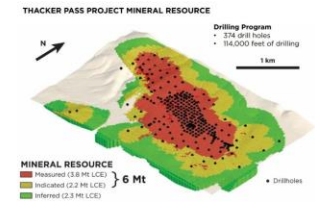
Approximately 40km northwest of the Titan 1 project Initial sampling over a portion of a large dry playa revealed high **Lithium values of up to 9,000 ppm Li**

A license was established over the area and additional samples have now taken aligned to a grid covering the playa surface.

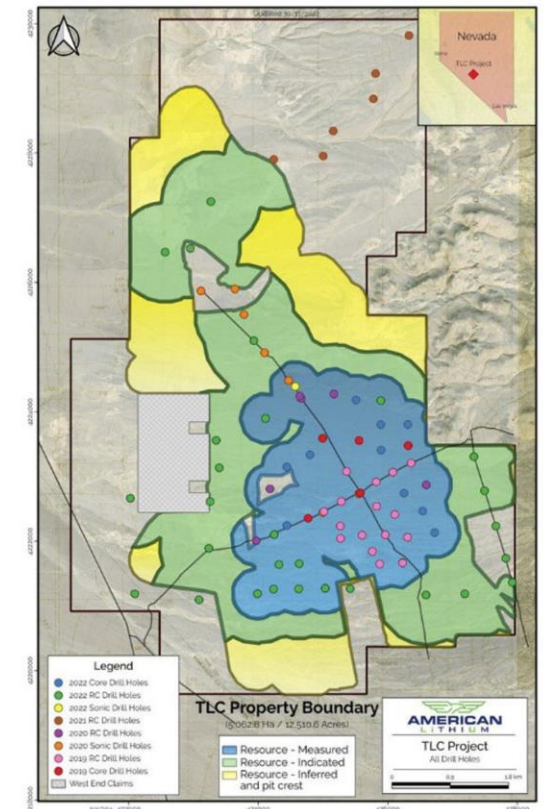
Although smaller, the Titan 2 project compares favorably at the same scale to both Thacker Pass and TLC projects in Nevada



Titan 2 project



Thacker Pass 8.2MT



TLC - 10.7 MT

A review of the preliminary results of the 2nd phase of sampling has allowed us to outline areas of high, mid and low grade Li.

4 High Grade Blocks are outlined here

Block 1 – approx. 8.77 sq Kms
Grade 5,250 ppm Li, 1.13% Li₂O

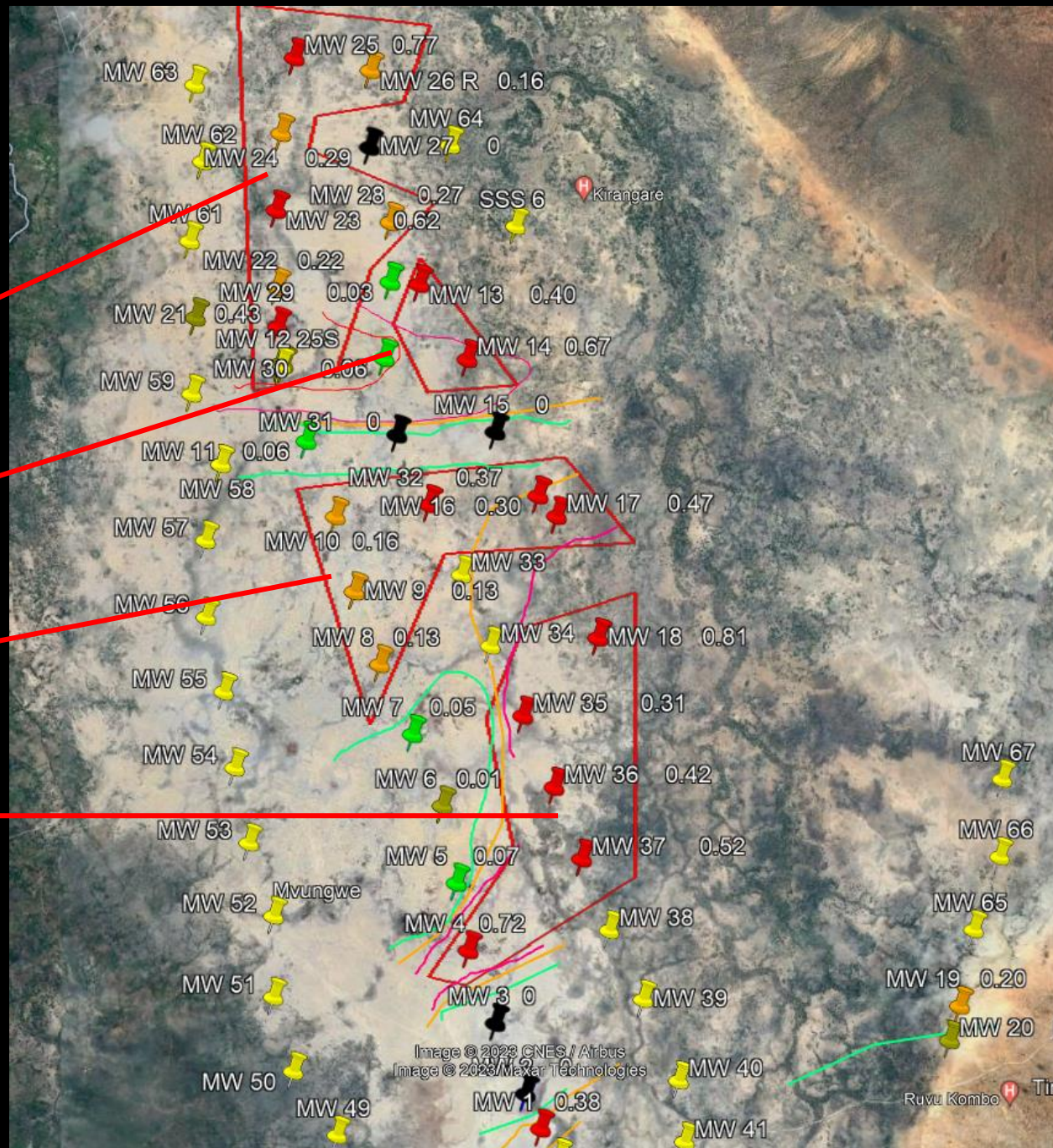
Block 2 – 1.64 sq Kms
Grade 5,350 ppm Li, 1.15% Li₂O

Block 3 – 7.03 sq Kms
Grade 2,600 ppm Li, 0.56% Li₂O

Block 4 – 9.6 sq Kms
Grade 5,560 ppm Li, 1.19% Li₂O

Total 27.04 sq Kms with weighted average of
Grade 4,677 Li, 1.0% Li₂O

Assuming 20m thickness = 23.5 MT LCE



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Titan vs. Largest Claystone Lithium Deposits

Company	Project	Resource (mt)	Li (ppm)	Contained Li ₂ O ('000t)	Li Metal ('000t)	Contained LCE ('000t)
American Battery Tech Co.	Tonopah Flats	5,294	561	7,344	2,970	15,809
American Lithium	TLC	2,538	790	4,965	2,008	10,690
Ganfeng Lithium	Bacanora	559	2,962	4,026	1,657	8,817
Lithium Americas	Thacker Pass	532	2,921	3,843	1,556	8,283
Century Lithium	Clayton Valley	1,304	905	2,922	1,183	6,300
Ioneer	Rhyolite Ridge	146	1,600	578	234	1,250
Titan Lithium	Titan 1*	946	4,677	10,945	4,426	23,561
Titan Lithium	Titan 2**	157	7,000	2,726	1,102	5,868

*Based on only 20m thickness

**Based on only 3km x 2km x 15m thickness

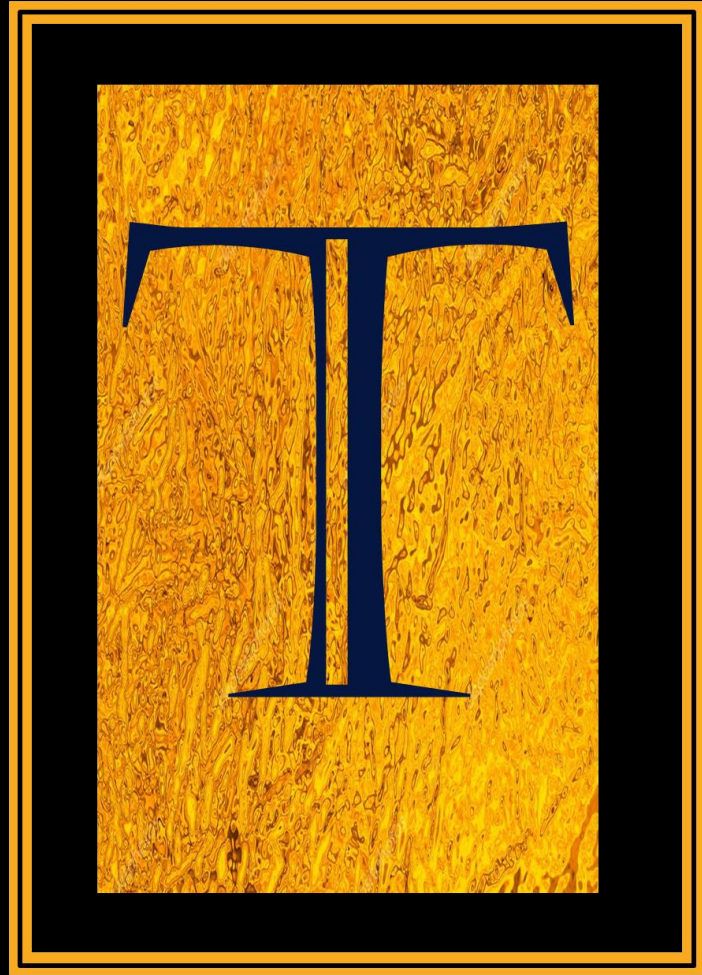
Cautionary Statement: at present the company has not verified the depth of mineralization and while total depth is believed to be more than what is stated, we stress these calculations are of a very speculative nature

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Titan vs. Largest Hardrock Lithium Deposits

Company	Project	Resource (mt)	Li2 O (%)	Contained Li2 O ('000t)	Li Metal ('000t)	Contained LCE ('000t)
Albemarle/Tianqi	Greenbushes1	120	2.40	2,880	1,338	7,120
Kidman Resources	Earl Grey 2018 MRE	189	1.50	2,843	1,320	7,030
Rio Tinto	Jadar	136	1.86	2,530	1,175	6,256
Pilbara Minerals	Pilgangoora (PLS)	156	1.25	1,950	906	4,822
Mineral Resources	Wodgina	121	1.28	1,549	719	3,830
Sigma Lithium	Various Brazil	85.6	1.43	1,224	499	2,656
Newmetals/Ganfeng/Min Res	Mt Marion	78	1.37	1,069	497	2,643
Critical Elements	Rose	37	1.25	463	215	1,144
Altura Mining	Pilgangoora (AJM)	40	1.06	424	197	1,049
Titan Lithium	Titan 1*		1.00	10,945	4,426	23,561

Cautionary Statement: at present the company has not verified the depth of mineralization and while total depth is believed to be more than what is stated, we stress these calculations are of a very speculative nature



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