



TITANLITHIUM

EXPLORATION AND DEVELOPMENT OF WORLD CLASS LITHIUM PROJECTS
勘探与开发世界级的项目



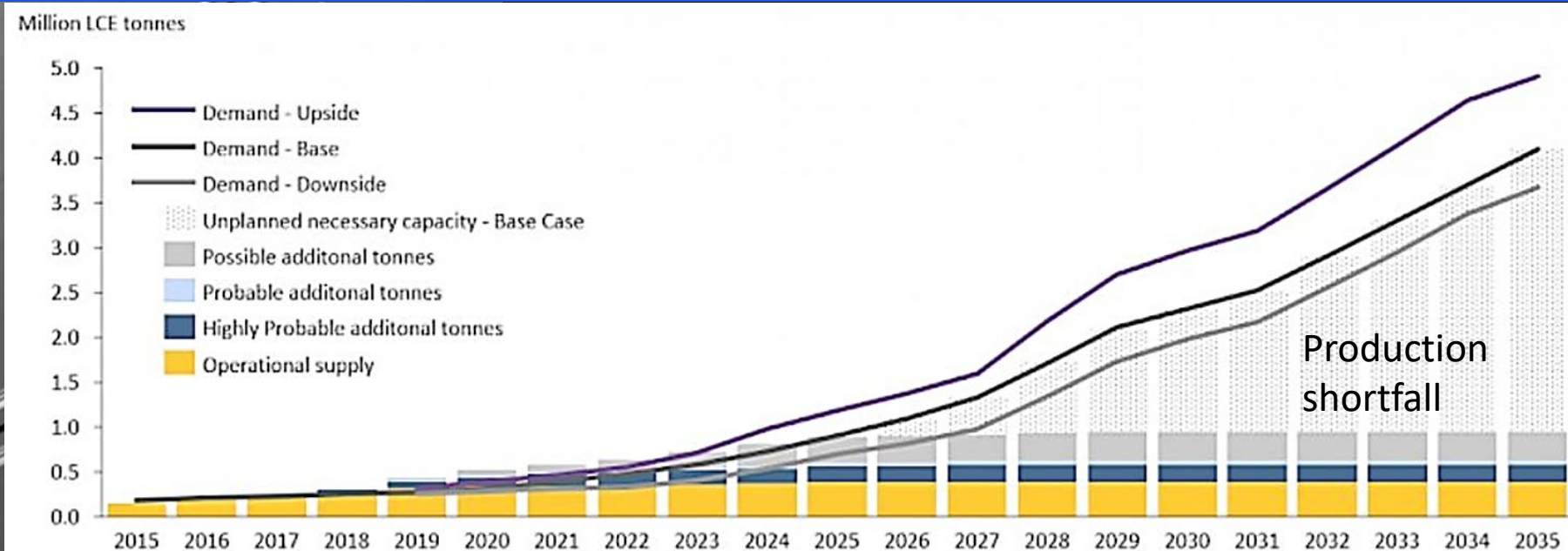
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Limited Supply and Massive Demand 供应有限但需求巨大



Demand for Lithium to service the Electric Vehicle (EV) battery market is forecasted to rapidly outpace current world production. / 满足电动汽车（EV）电池市场的锂的需求预计将迅速超过目前的世界产量

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. / 全球碳酸锂的产量（2022年）需要在2026年之前增加近一倍，在2028年之前增加两倍，才能满足电池需求。2022年的需求已经超过了预测的需求“上升”曲线。



The hunt is on for new Lithium resources and Titan has targeted a new resource area with global implications.
寻找新的锂资源的工作正在进行，Titan已经瞄准了一个具有全球影响的新资源区

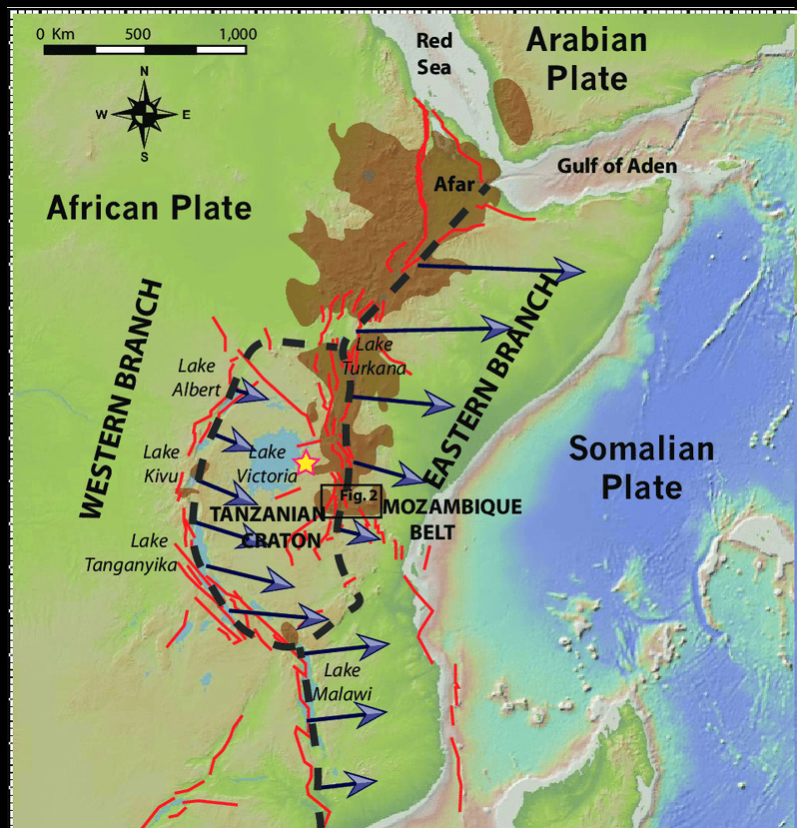


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Lithium Market Movement / 锂市场动向

- Jan 13, 2023: The U.S. Department of Energy announces a conditional loan of **\$700 million to Australian mining company, Ioneer Ltd** to develop the Rhyolite Ridge lithium project. / 2023年1月13日: 美国能源部宣布向**澳大利亚矿业公司Ioneer Ltd**提供**\$7亿美元的有条件贷款**, 用于开发Rhyolite Ridge锂矿项目。
- Jan 16, 2023: The **Canadian government greenlights the James Bay lithium mine in northern Quebec**, owned by Australia-based Allkem Ltd. / 2023年1月16日: **加拿大政府为位于魁北克省北部的James Bay锂矿开绿灯**, 该矿由澳大利亚的Allkem Ltd拥有。
- 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 / 2023年1月31日: **通用汽车(NYSE: GM)将向加拿大公司Lithium Americas投资\$6.5亿**, 帮助开发内华达州北部的Thacker Pass锂矿。
- Jan 25, 2023: **Lithium Americas completes acquisition of Millenium Lithium Corp** / 2023年1月25日: **美洲锂业公司完成对Millenium Lithium Corp的收购**
- March 17, 2023: Volkswagen announces plans to invest in mines to bring down cost of battery cells. / 2023年3月17日: 大众汽车宣布计划投资矿山, 以降低电池片的成本。
- Albemarle (NYSE: ALB) announces plans to acquire Lontown Resources for 3.68 Billion. / Albemarle (NYSE: ALB) 宣布计划以36.8亿收购Lontown Resources。
- April 20, 2023 Lithium Americas completes acquisition of Area Minerals Inc. / 2023年4月20日 Lithium Americas完成收购Area Minerals Inc 。

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Mount Kilimanjaro, the tallest mountain in Africa, is part of a sequence of mid continental volcanism associated with the East African Rift / 乞力马扎罗山是非洲最高的山峰，是与东非大裂谷相关的一系列大陆中部火山的一部分。

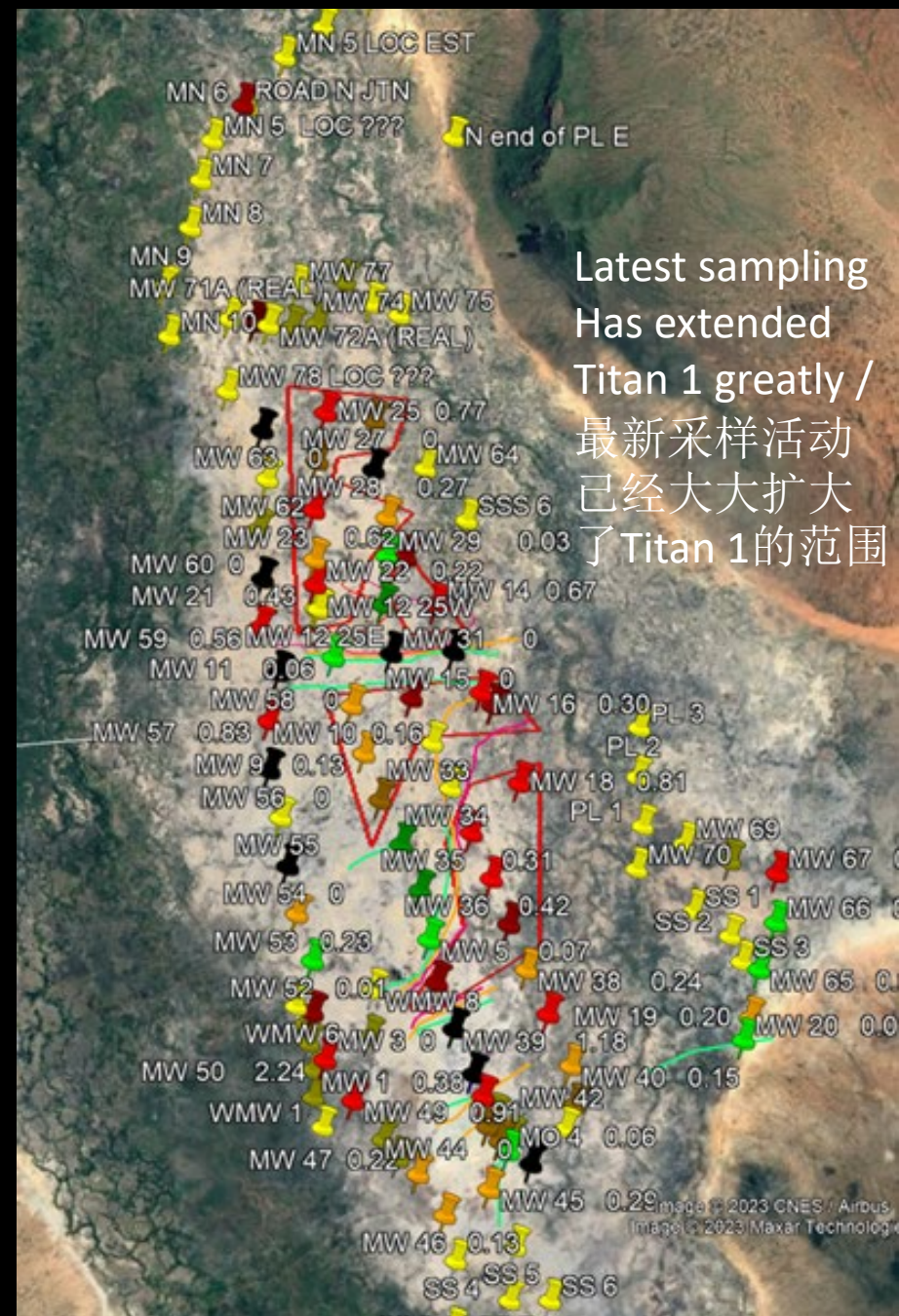
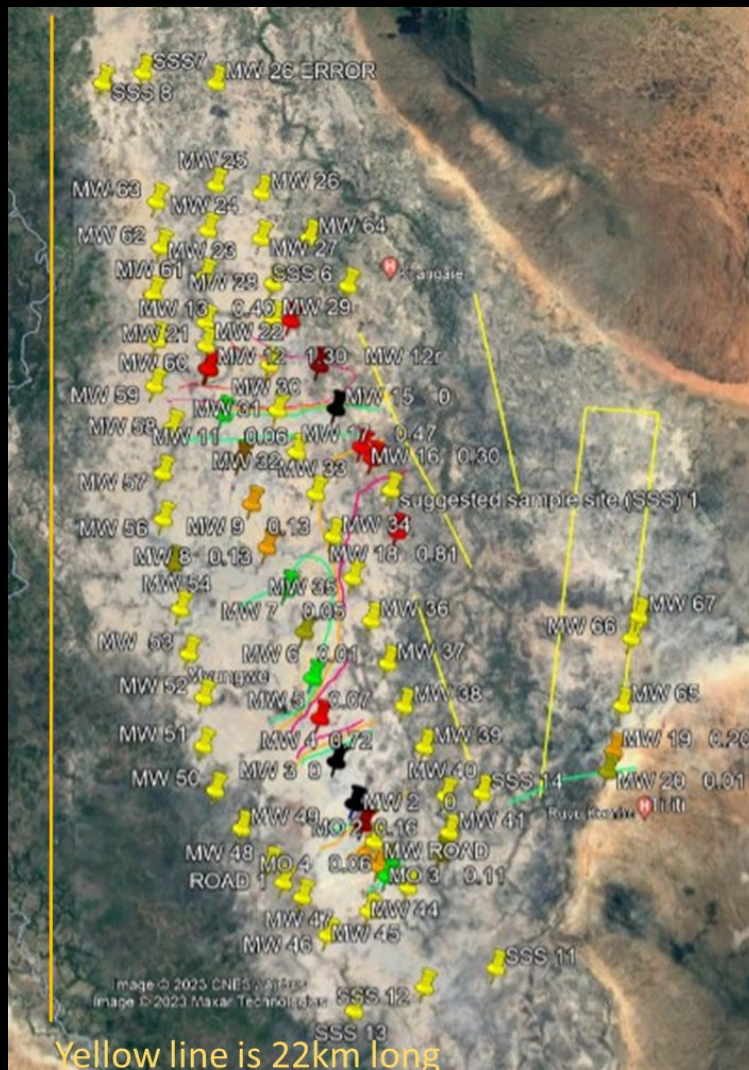


Lithium is likely sourced from the multiple eruptions of volcanic ash and mudflow has been concentrated within a fault bounded valley (graben) / 锂可能来自于多次喷发的火山灰，泥流已经集中在一个以断层为界的山谷（地堑）中。

TITAN1 PROJECT / TITAN1项目

Initial sampling of the valley highlighted very high grade Li over 12kms with values ranging from 600 to 13,000 ppm Li. / 山谷的初步取样显示，在12平方公里范围内有非常高品位的锂，锂含量从600到13,000 ppm不等。

Sampling programs have extended the area in width and over a 25km strike length with new values up to 22,000ppm Li. / 采样活动扩大了该地区的宽度和25公里的走向长度，新的锂含量高达22,000ppm。



Latest sampling
Has extended
Titan 1 greatly /
最新采样活动
已经大大扩大
了Titan 1的范围

TITAN1 PROJECT / TITAN1项目

The Lithium bearing playa at the Titan 1 valley is compared at the same scale to the two largest claystone Li resources in the U.S. / Titan 1山谷的含锂干盐湖的资源规模与美国两个最大的粘土岩锂资源相当。

At the top right is the largest Lithium resource in the U.S., the Thacker Pass deposit of Lithium Americas (T.LAC), that contains resources totalling 19.1 MT LCE at a grade of 2,036 ppm Li.

The colors indicate category of resource, not grade. / 右上角是美国最大的锂资源，即Lithium Americas (T.LAC)的Thacker Pass矿床，其资源量总计为1910万吨碳酸锂当量，锂品位为2036ppm。颜色表示资源量的类别，而不是品位。

Bottom right is American Lithium's (V.LI) TLC Project, with: Measured + Indicated = 8.83 Mt LCE @ 809 ppm Li

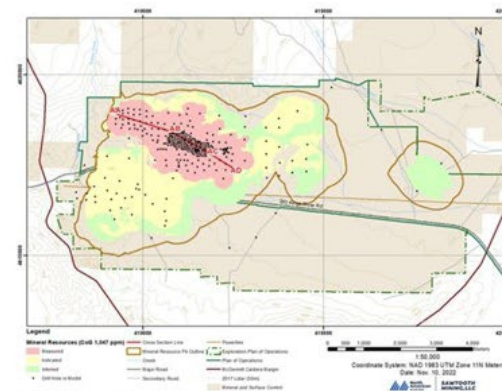
Inferred = 1.86 Mt LCE @ 713 ppm Li (total of 10.7 Mt) / 右下角是American Lithium(V.LI)的TLC项目，其中：测定+指示 = 883万吨碳酸锂当量 @ 809 ppm Li；推断=186万吨碳酸锂当量 @ 713 ppm Li（总计1070万吨）。

At present we are conducting further sample lines that will likely extend the anomalous Li area as much of the eastern section ended in very high grade (>3,000 ppm Li) / 目前，我们正在进行进一步的取样，这可能会扩大锂的异常区域，因为东段的大部分区域品位非常高 (>3,000 ppm Li)。

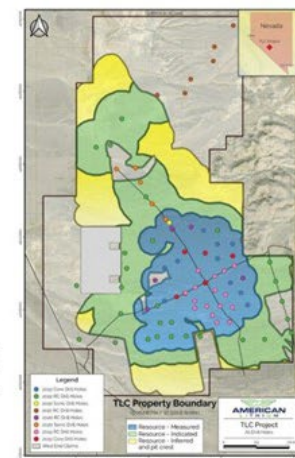


Titan 1

Dark Red > 5,001
Red 2,001 to 5,000 ppm Li
Green 401 to 2,000 ppm Li
Blue 101 to 400 ppm Li
Grey 0 to 100 ppm Li



Thacker Pass
Red = M
Yellow = Ind
Green = Inf



TLC
Blue = M
Green = Ind
Yellow = Inf

Projects shown to same scale

TITAN2 PROJECT

TITAN2项目

Titan 2 compares very favorably at to the Thacker Pass deposit in Nevada. Values within the red area reach as high as 10,600ppm Li. / Titan 2与内华达州的Thacker Pass矿床相比, 结果非常好。红色区域内的数值高达10,600ppm Li。

The entire area appears to Be within a larger NE-SW structural basin and further prospecting will be conducted within the basin. / 整个区域似乎 在一个更大的东北-西南结构盆地内, 将在盆地内进行进一步勘探。

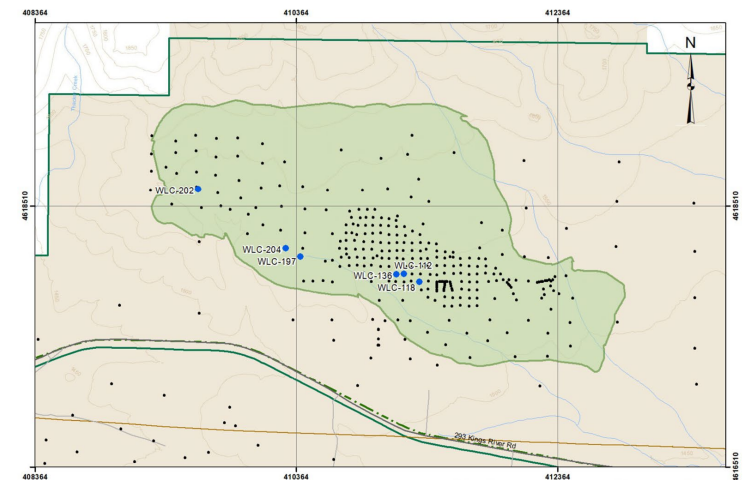
Located 40km northwest of the Titan 1 project, initial prospecting identified high Lithium values and sampling was conducted over a large dry playa within a 16 sq km grid. The Li anomaly generated from the survey is shown below in red, modern stream influx from the west and south may have affected some of the results. / 位于Titan 1项目西北部40公里处, 最初的勘探发现了高品位锂, 并在16平方公里的网格内对一个大的干盐湖进行了采样。勘测产生的锂异常在下面以红色显示, 现代溪流从西部和南部流入可能影响了一些结果。



Titan 2 anomaly vs Thacker Pit

Area contained in red averages 4,486 ppm Li

Area contained in green averages 3,160 ppm Li and contains 40yrs of reserves



A review of the preliminary results of the 2nd phase of sampling at Titan 1 has allowed us to outline areas of high, mid and low grade Li.
/ 审评Titan 1二期取样的初步结果使我们能够勾勒出高、中、低品位锂的区域。

2 High Grade Blocks are outlined here / 这里是两个高品位区块

North Block – approx. 21 sq Kms / 约21平方公里

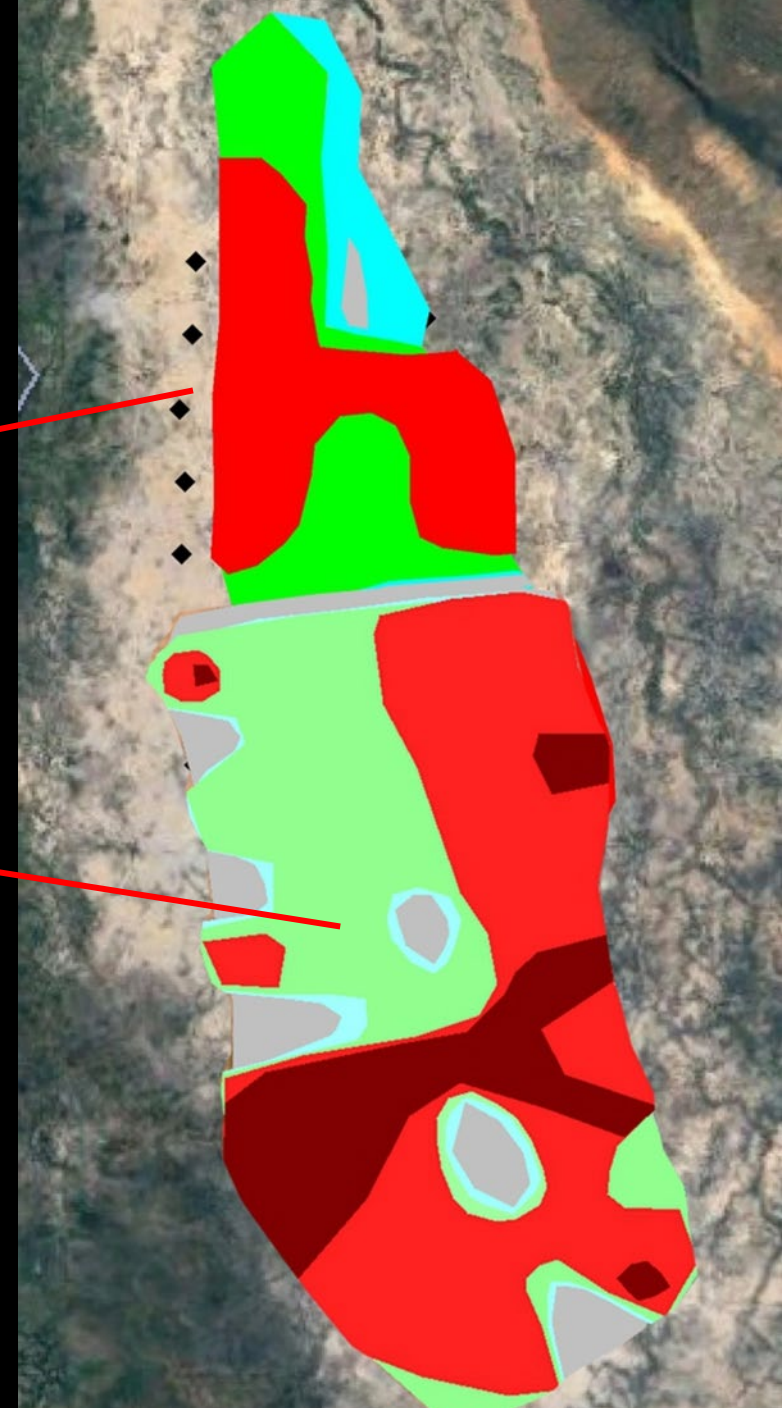
Grade 4,700 ppm Li, 0.97% Li₂O / 品位为4,700 ppm Li, 氧化锂 0.97%

South Block – 44.1 sq Kms / 44.1平方公里

Grade 4,318 ppm Li, 0.93% Li₂O / 品位为4,318 ppm Li, 氧化锂 0.93%

Total - 65.1 sq Kms with weighted average of Grade 4,376 Li, 0.94% Li₂O / 总计 – 65.1平方公里，加权平均的品位为4,376ppm Li，氧化锂0.94%

Assuming 15m thickness = 38.67 MT LCE / 假设厚度为15米 = 3867万吨碳酸锂当量



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Titan vs. Largest Claystone Lithium Deposits Titan对比最大的黏土岩锂矿床

Company / 公司	Project /项目	Resource (mt) 资源量 (百万吨)	Li (ppm)	Contained Li ₂ O ('000t) / 包含的氧化锂 (千吨)	Li Metal ('000t) / 锂金属 (千吨)	Contained LCE ('000t) / 包含的碳酸锂当量 (千吨)
Lithium Americas	Thacker Pass	1,754	2,036	8,829	3,571	19,100
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
Century Lithium	Clayton Valley	1,304	905	2,922	1,183	6,300
Titan Lithium	Titan 1*	1,660	4,376	15,642	7,265	38,670
	*Based on only 15m thickness					

Cautionary Statement: at present, the company has not verified the depth of mineralization and while total depth is believed to be much more than what is stated, we stress these calculations are of a speculative nature / 警戒性声明：目前，本公司尚未核实矿化结构深度。尽管我们认为总深度远远超过注明数字，但我们强调这些数字是推测性的。

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Low Market Cap – Exceptional Growth Potential
市值低 – 增长潜力非常大

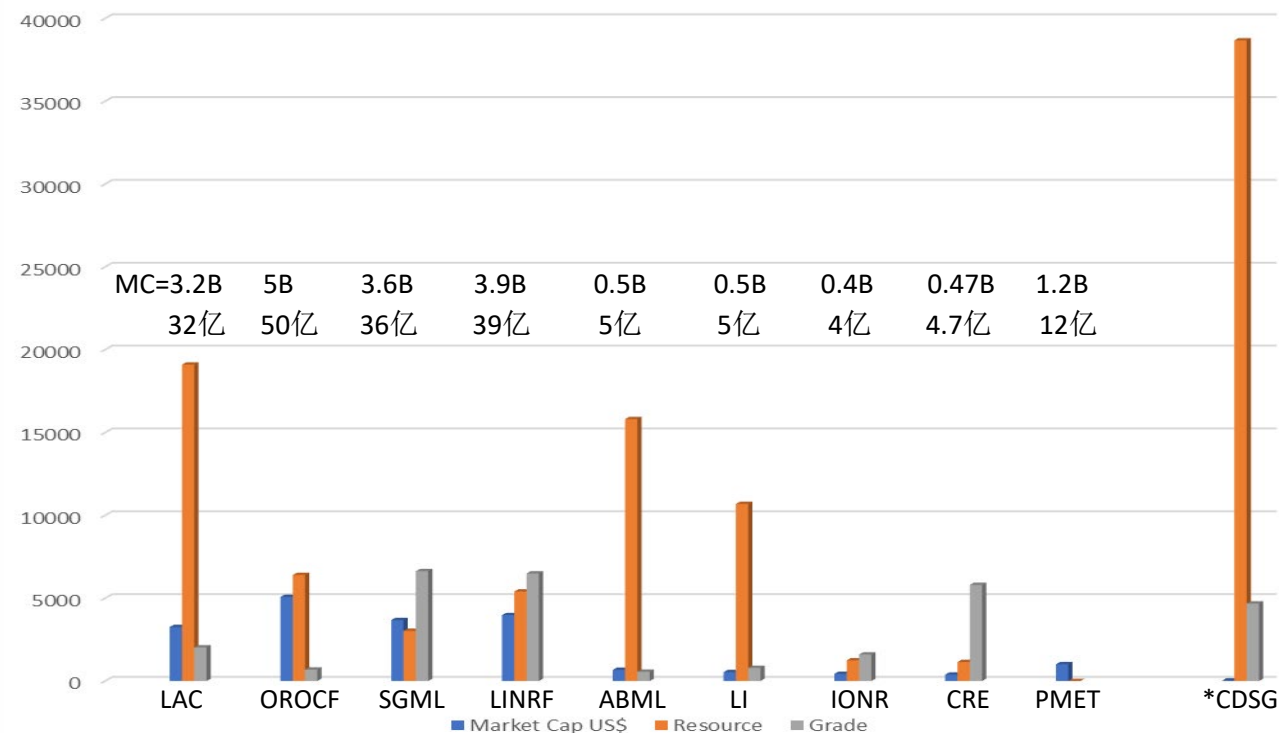


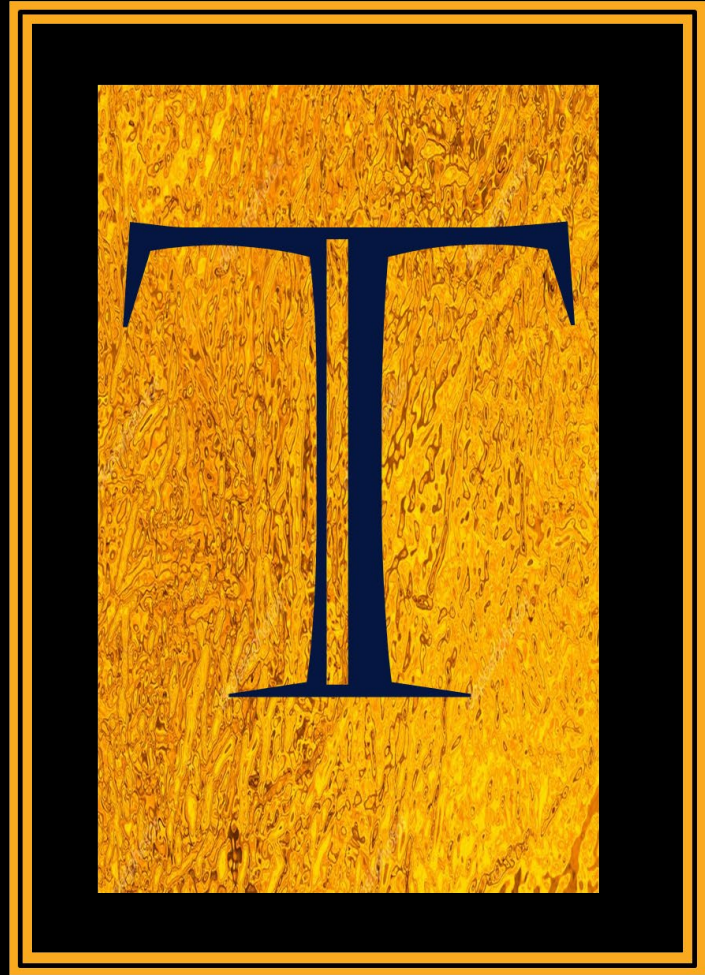
CDSG chart >



MC vs Resources vs Grade

*Potential Resource





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OTC: CDSG

Information: / 联系信息:
Harp Sangha: (702) 595-2247
harp@titanlithiuminc.com



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