

LARAMIDE RESOURCES LTD.

DEVELOPING TOMORROW'S CLEAN ENERGY TODAY
Red Cloud Summer Uranium Conference

June 2022

TSX: LAM | ASX: LAM | OTCQX:LMRXF
www.laramide.com



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Exploration Target Size described in this presentation is conceptual in nature and should not be construed as a JORC compliant Mineral Resource. Target mineralisation is based on projections of established grade ranges over appropriate widths and strike lengths having regard for geological considerations including mineralisation style and expected mineralisation continuity as determined by qualified geological assessment. There is insufficient information to establish whether further exploration will result in the determination of a Mineral Resource.

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WHY LARAMIDE, WHY NUCLEAR?



- ✓ Multi-asset uranium developer with two cornerstone assets in premier jurisdictions; potential production scale and cost profile should be attractive to global nuclear utilities
- ✓ Experienced Management and Board. Reasonable cap structure with good insider ownership
- ✓ Attractive valuation relative to peers
- ✓ Magnitude of global energy crisis now becoming headline news
- ✓ Nuclear benefits from highest energy density and provides safe, reliable, low carbon power (#safest/cleanest/cheapest)
- ✓ Uranium sector public companies benefit from thematic inclusion and passive flows via industry focused ETFs



CORPORATE SNAPSHOT



Tight market structure
and clean balance sheet;
Solid insider ownership

PUBLICLY TRADED

LAM
TSX

LAM
ASX¹

LMRXF
OTCQX

Notes:

1. ASX CDIs are 1:1 into common shares and included in total Shares on Issue.
2. As at March 30, 2022.
3. As at June 15, 2022.
4. As at March 30, 2022.

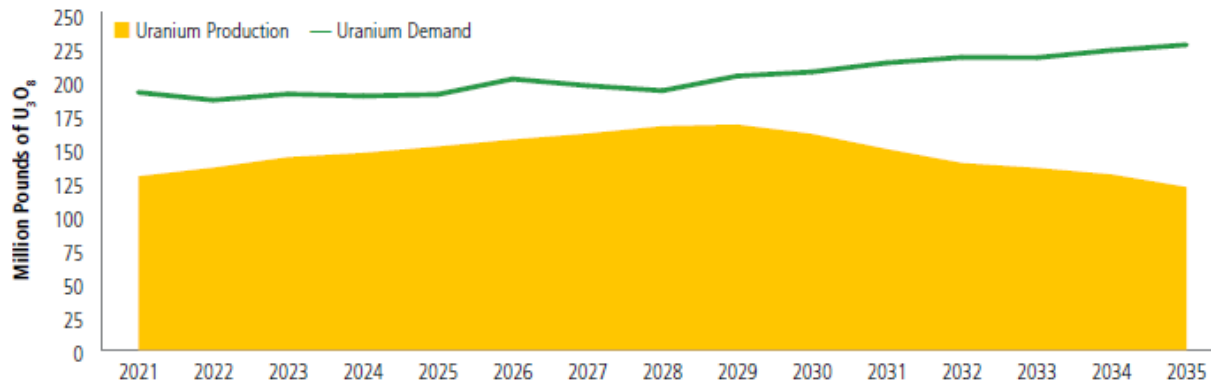
Shares on Issue ²	207.8M
Fully Diluted	233.4M
Market Price (CAD) ³	\$0.49
Market Cap	CAD\$101.8M
Cash & Investments ⁴	CAD\$11.5M
Loan Facilities	USD\$4.5M
Major Shareholders	<p>Management/Directors own 11%</p> <p>Uranium focused institutions, including ETFs 8%</p> <p>Swiss-based family office ~7%</p> <p>Extract and DSC ~5%</p>



NUCLEAR ENERGY: A KEY PART OF A CLEAN ENERGY SOLUTION

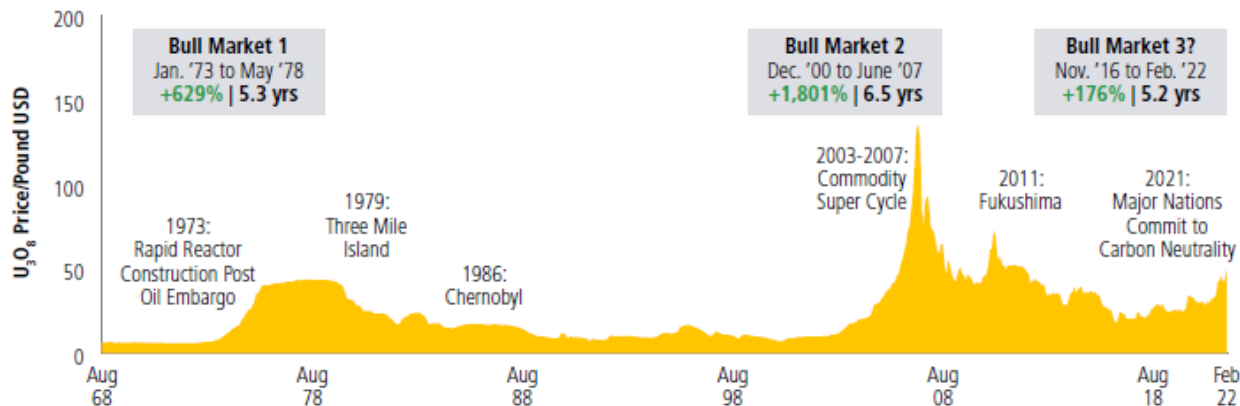


Production & Demand Imbalance Likely to Grow



Source: UxC LLC. Data as of 6/30/2021. Methodology for estimates is outlined in the International Atomic Energy Agency report "Analysis of Uranium Supply to 2050," available at https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1104_scr.pdf.

New Uranium Bull Market May be Emerging



Source: TradeTech LLC as of 2/28/2022.

A large primary supply deficit was developing before COVID, before the energy crisis exploded, and before Ukraine

The Uranium market can support multiple new entrants

Security of supply concerns have increased materially

The Uranium market is not GDP correlated in the short and medium term



BUILDING A SUSTAINABLE COMPANY

LARAMIDE PROJECT PIPELINE



MURPHY

- Greenfield
- Stream & reconnaissance soil sampling completed

AMPHITHEATRE

- HQ Drill program to explore radiometric anomaly

WESTMORELAND

- Indicated **36 mlbs** @ 0.088%
- Inferred **15.0 mlbs** @ 0.080%
- US\$23/lb OpEx
- US\$268 CapEx
- IRR (post tax) 35.8%
- NPV(10) US\$400M



Discovery



Exploration



Resource Estimate

PEA/
Scoping Study



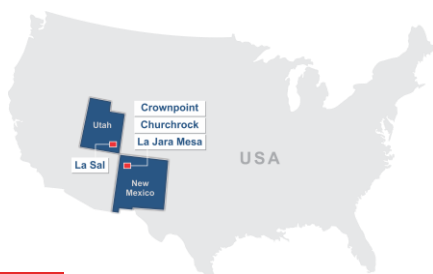
EIS

Bankable Feasibility



Mine Construction Permit

Production



CROWNPOINT

- ISR
- Inferred **5.1 mlbs** @ 0.102%
- NRC License

CHURCHROCK

- ISR
- Inferred **50.8 mlbs** @ 0.075%
- NRC License

LA JARA MESA

- Indicated **7.2 mlbs** @ 0.23%
- EIS partially complete

LA SAL

- 60 miles from Energy Fuels' White Mesa Mill



U.S. ASSETS LOCATED IN THE HISTORIC URANIUM REGION



ISR PORTFOLIO AND HARD ROCK ASSETS IN NEW MEXICO



CHURCHROCK – A SIGNIFICANT URANIUM DEPOSIT



- Premier In Situ Recovery (ISR) asset – Churchrock Project in New Mexico provides near-term production potential; valuation compares favourably with USA ISR peers.
- Seven sections of land over approximately 4,160 acres
- Mineral rights include patented mining claims (giving Laramide both ownership of the land and exclusive title to the locatable minerals) and private mineral leases
- Production-ready asset with initial production on Churchrock Sec. 8 & 17 (many licences and permits in hand); Sec. 8 FS (completed by previous operator); low initial capital, staged ramp up
- Infrastructure includes road access, power lines and natural gas. Water rights sufficient to operate the proposed ISR uranium mine are owned by Laramide
- Laramide has cleared 4 out of 6 necessary regulatory clearances.

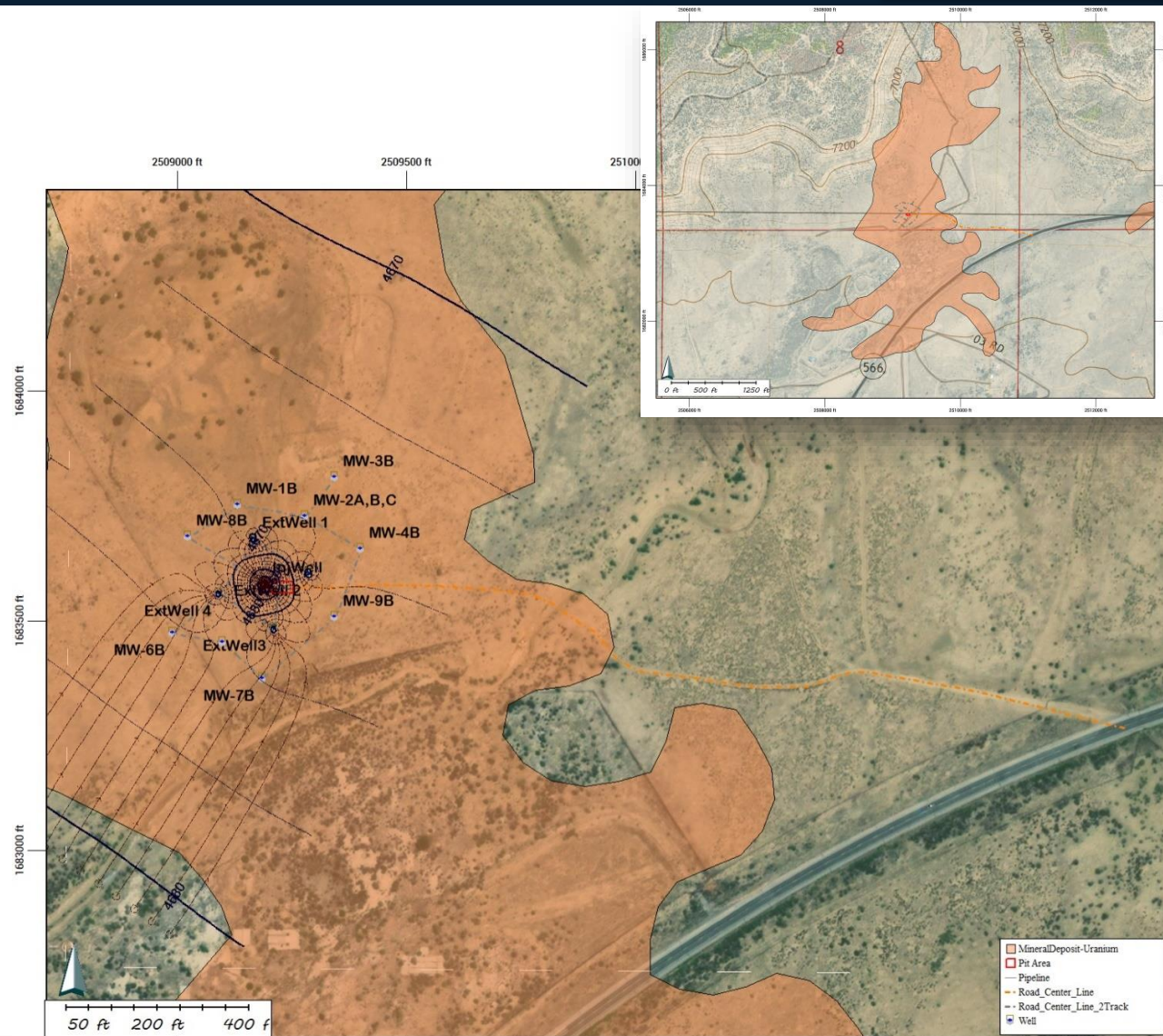


CHURCHROCK MOVING FORWARD

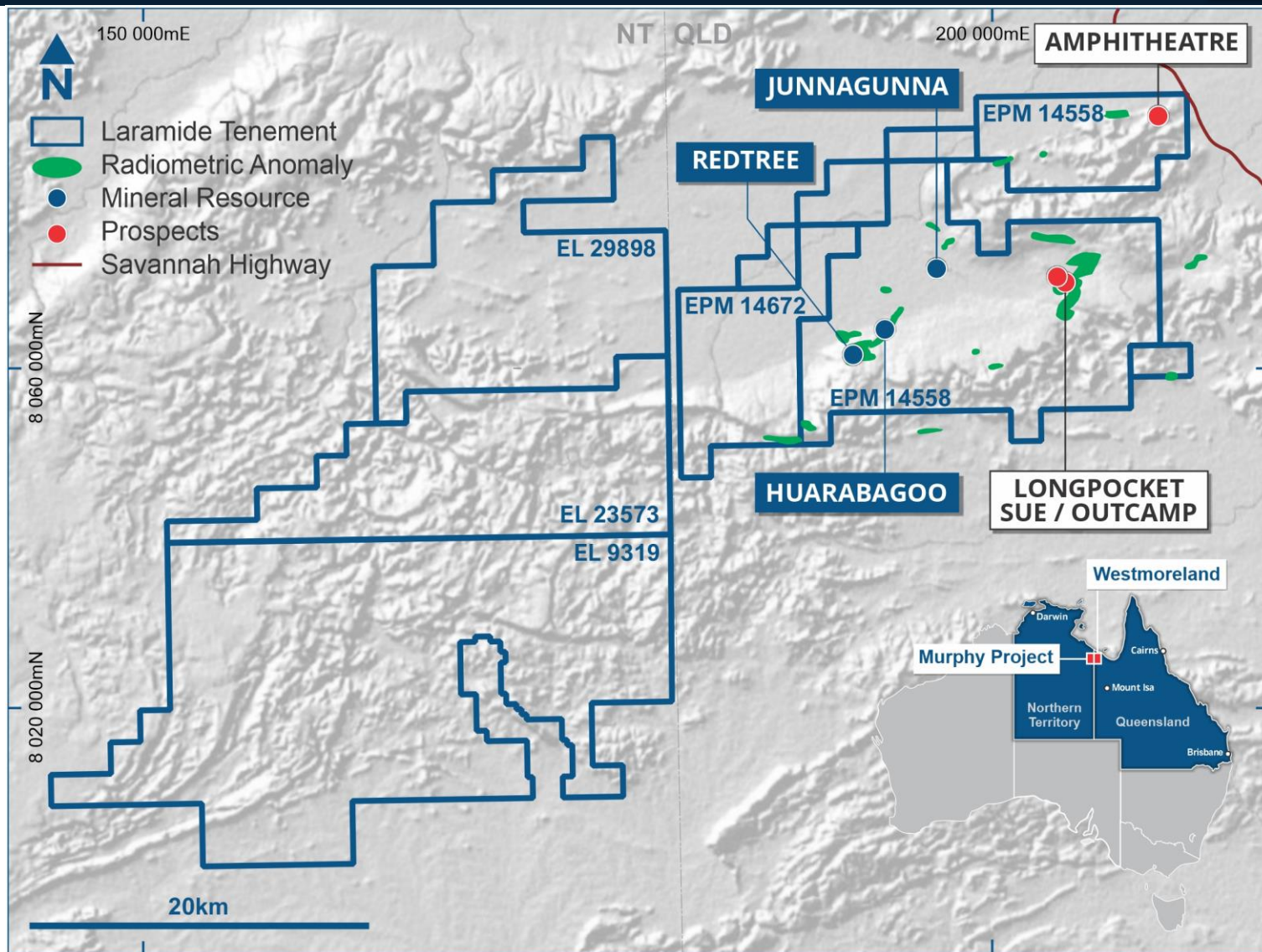


Project Scoping

- Met with NMED Nov 2021
- Reviewed Previous Lab-Scale Testing Plan
- Conceptualized Pilot-Scale Testing Plan
 - Review of Existing Data
 - Engineer 5 Spot Hydraulics
- Planning Full Scale Pilot Project
 - Reviewing Related Data
 - Advanced Planning
- Workplan
 - Optimization/Forward Looking to Production



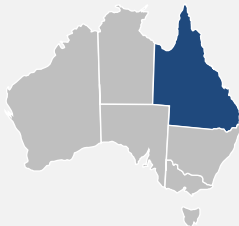
WESTMORELAND: CORNERSTONE ASSET WITH DISTRICT SCALE POTENTIAL



WESTMORELAND PROJECT HIGHLIGHTS

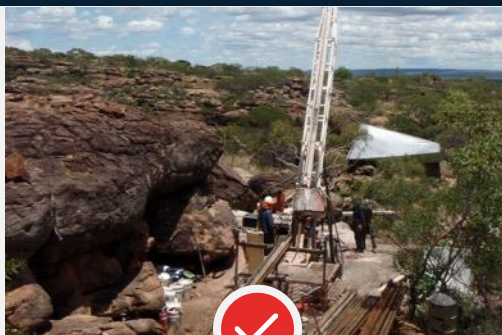


Laramide Resources Ltd.



LARGE AUSTRALIAN URANIUM DEPOSIT

Westmoreland is **one of the largest undeveloped uranium deposits** in Australia and only one in a handful in the world not under control of a major mining company.



SIGNIFICANT RESOURCE¹

Total resource of **51.9 million pounds of uranium (U_3O_8)**: 36 million pounds U_3O_8 of Indicated with an average grade of 0.089% (890ppm) and 15.9 million pounds U_3O_8 of Inferred with an average grade of 0.083% (830ppm).



SIMPLE MINING¹

Westmoreland is intended to be an **open cut operation from multiple shallow pits** allowing cost effective and best practice in-pit tailings disposal.



EXCELLENT METALLURGICAL RESULTS¹

High uranium recovery of > 95% using conventional acid leaching and ion exchange technology to produce around 3.5 million pounds per annum.



LONG MINE LIFE EXPECTED – UPDATED PEA COMPLETED

Mine life is expected to be **13 years with potential to increase to more than 15 years** following further resource/reserve drilling.



LOCATED IN WORLD-CLASS MINING PROVINCE

Located in a world-class mining province with favourable infrastructure near the Century Zinc Mine.

¹PEA and Resource Estimate as disclosed in Laramide press release April 21, 2016.

WESTMORELAND: LOWEST QUARTILE PRODUCER



Scoping Resource: <i>cut-off 0.02% U₃O₈</i>	Indicated:	36.0 M lbs U ₃ O ₈ @ 0.09
	Inferred:	15.9 M lbs U ₃ O ₈ @ 0.09
Mining Method:	Open pit mining	
Rate of Throughput:	2 Mtpa	
Mine Life:	13 years	
Payback:	2.5 years	
Pre-Production Capital:	US \$316M	
LOM Operating Cost:	Per tonne	US \$39.70
	Per lb.	US \$23.30
IRR / NPV _(10%) Post Tax, U Selling Price \$65 USD/lb:	NPV	US \$400
	IRR	35.8%
Opportunity:	Improve economics by adding resources through exploration activities	



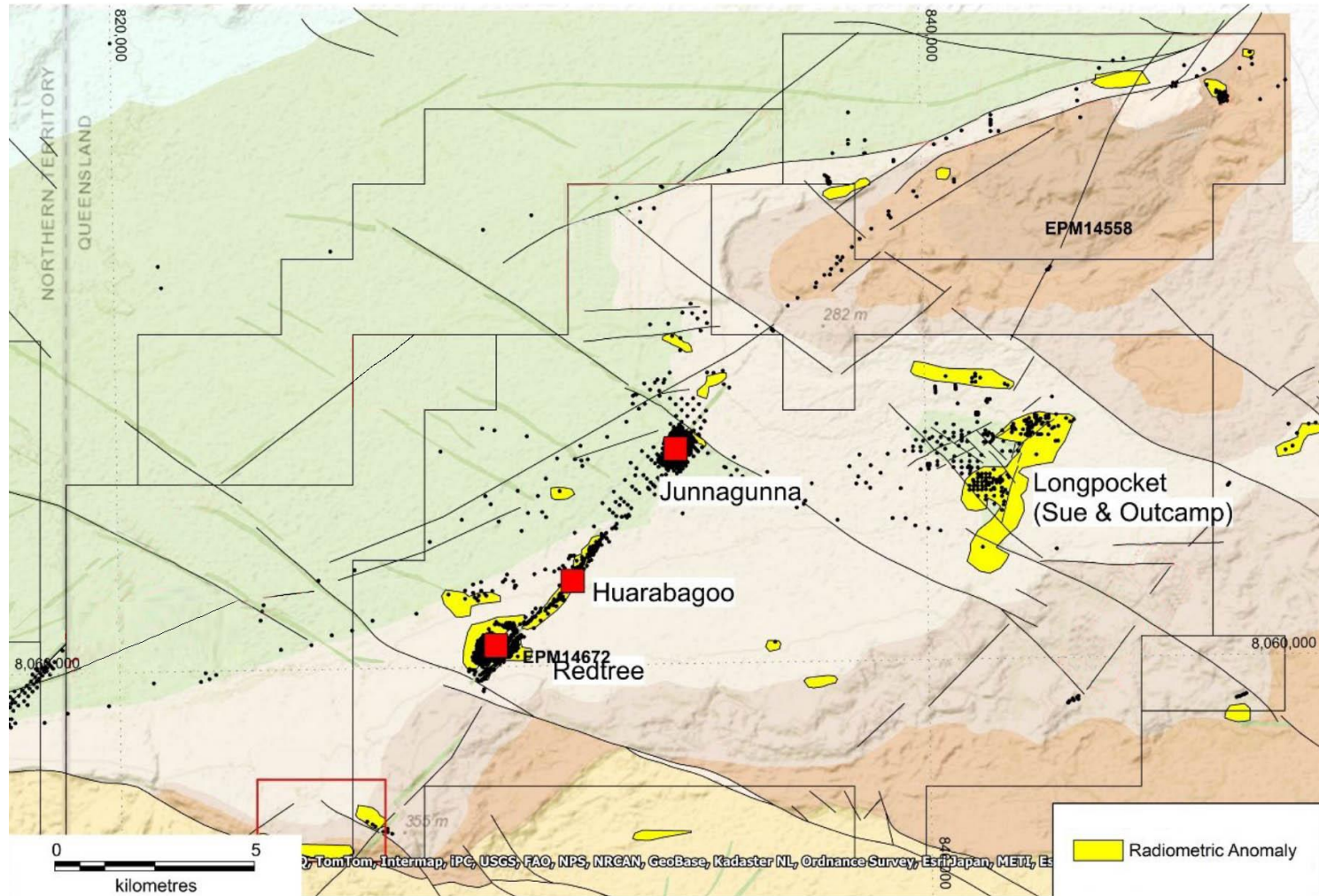
EXPANSION – MORE UPSIDE POTENTIAL FROM AMPHITHEATRE AND SUE AND OUTCAMP



Drill program
underway at
Amphitheatre

- Target expresses a radiometric anomaly
- Was a subject of historical exploration in the 1970s
- Considered a prime walk-up exploration target
- Potential to be a satellite deposit to Westmoreland

Plans for H2 2022
include drilling at
Longpocket (Sue &
Outcamp)



MURPHY PROJECT: OUTSTANDING UPSIDE



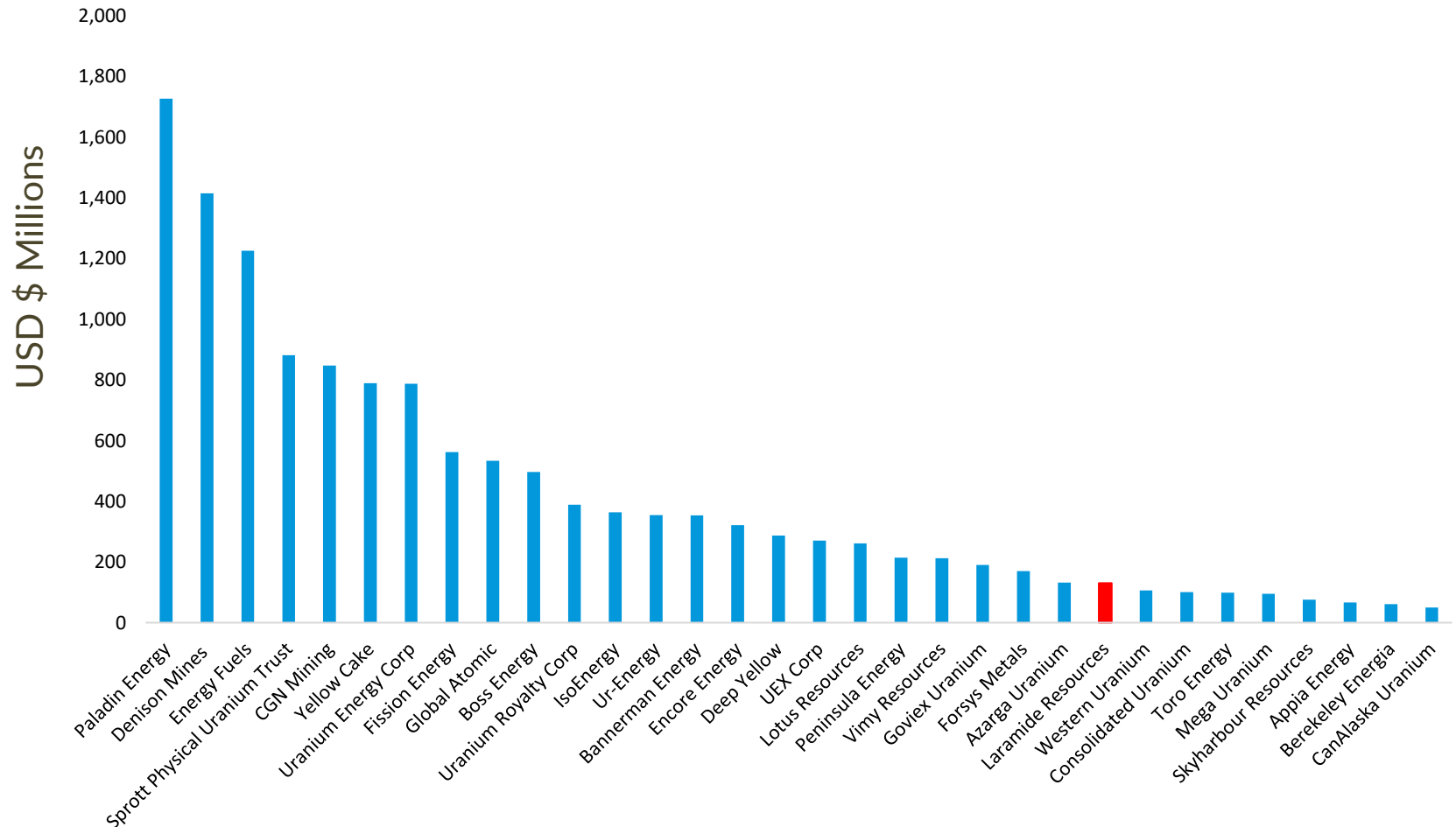
- Strategic acquisition to control most of the large mineralised system along the Westmoreland trend.
- Acquired from Rio Tinto
- Exploration has consisted of airborne magnetics and radiometric surveys; as well as ground follow up of radiometric anomalies
- Laramide has identified a number of specific, untested structural targets that the company considers favourable for more Westmoreland style uranium mineralisation



URNM ETF HOLDINGS' MARKET CAP



Excludes companies >\$4B (Kazatomprom, Cameco, Nexgen).



Source: North Shore Global Uranium Mining ETF, as of Oct 14, 2021



WILL HISTORY RHYME?



THE LAST URANIUM BULL MARKET 2003-2008

Primarily demand driven (China build out) with price dictated by Western utility contracting cycle.

Commodity was unknown, un-loved, and not well-understood capital markets; >700 companies created before bull market ended.

Hedge funds primary market players, active management still dominated generally; no pure-play ETF's existed.

Retail very active, especially in latter stages of the cycle. Newsletter writers and influencers (i.e. Sprott) played important role.

U price rose from \$7/lb to \$135/lb.



THE EMERGING URANIUM BULL MARKET 2020-????

Contracting less important vis-à-vis nation state players; catalysts required to create incentivize pricing for new supply.

Few analysts remain, less than 40 companies active; high knowledge and visibility exist only on the most credible projects. Greenfield exploration could be more important this cycle.

Passive and ETF's dominate; several uranium sector ETF's exist and are all growing rapidly.

Retail is engaged much earlier; today we have new demand factors, including zero-commission trades, Twitter, podcasts, and Reddit. Sprott is visibly engaged (...again...).

Bear market low of \$22/lb set just prior to COVID.



VALUE DRIVERS



Continuing Uranium price recovery and initiation of meaningful utility contracting cycle

Completion of initial Churchrock PEA

Uranium price recovery achieves level where increasing visibility becomes possible at the asset level (Churchrock, Crownpoint, La Sal, and other projects)

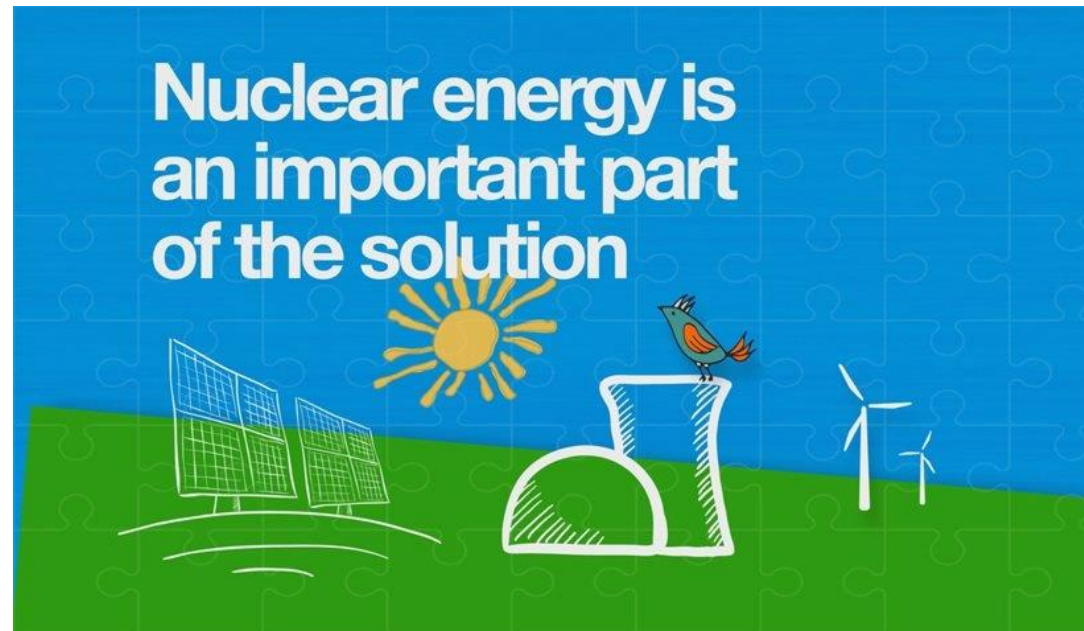
Initiation of meaningful exploration, including initial drilling, at the Murphy Project, Northern Territory, Australia

Uranium has been a strong hedge against inflation along with other commodities

CORE VALUES: COMMITTED TO ESG AND ENVIRONMENTAL, HEALTH & SAFETY



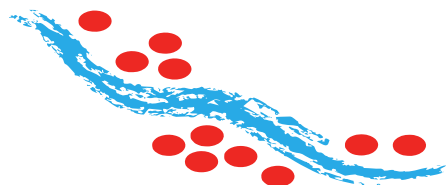
- Laramide's core business activity supports the global initiatives transitioning to clean energy
 - Nuclear fuel is energy-dense, carbon and emission-free. Wind and solar are major energy providers, but their energy density is far too low to fill the gap.¹
- Our mining objectives include responsibility to benefitting the communities in which we operate
- Showing leadership utilizing modern, technologically-advanced, low impact, mining methods
- ESG centric accountability to all of our Team Members and all Stakeholders



1. <https://www.globenewswire.com/en/news-release/2022/05/23/2448417/0/en/Rising-Uranium-Prices-Precursor-to-Demand-for-US-Nuclear-Products.html>



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GLOBAL MINERAL RESOURCES



Current Resources (NI 43-101 Compliant)

Project	Location	Category	Tonnes (M)	U ₃ O ₈ Grade (%)	Contained U ₃ O ₈ (M lbs)	Cut-Off U ₃ O ₈ (%)
Westmoreland	Queensland, Australia	Indicated	18.7	0.09	36.0	0.02
		Inferred	9.0	0.08	15.9	0.02
Churchrock ¹	Grants Mineral Belt, New Mexico, U.S.A.	Inferred	33.879	0.075	50.82	0.02
Crownpoint	Grants Mineral Belt, New Mexico, U.S.A.	Inferred	4.16	0.102	5.08	0.03
La Jara Mesa	Grants Mineral Belt, New Mexico, U.S.A.	Measured & Indicated	1.56	0.23	7.3	0.05

¹ Based on drill hole data available as of Sept. 30, 2017. Due to historical nature of the data, the classification is limited to Inferred. This estimate conforms with NI 43-101 and JORC. It was completed by Roscoe Postle Associates.

Historic Resources (non NI 43-101 Compliant)²

Project	Location	Category	Tonnes (M)	U ₃ O ₈ Grade (%)	Contained U ₃ O ₈ (M lbs)	Cut-Off U ₃ O ₈ (%)
La Jara Mesa	Grants Mineral Belt, New Mexico, U.S.A.	Proven, Indicated & Probable		0.23	4.7	
		Possible		0.23	9.0	
La Sal	Lisbon Valley, Utah U.S.A.	Possible	0.44	0.31	2.7	0.16

¹ The historical resource estimates presented above were completed prior to the implementation of NI 43-101 requirements; however, given the high quality of the historic work completed, the respective mining companies' reputations, and the production history of Homestake, the Company believes the resource estimates to be both relevant and reliable. In addition, a qualified person has not completed sufficient work to classify these historic mineral resources as current mineral resources; and the Company is not treating the historic resources as current. Hence, the historical estimates should not be relied upon.



MANAGEMENT TEAM



Marc Henderson **Director, President & CEO**

Laramide Chief Executive Officer since 2005; +25 years of experience operating successful public mineral exploration companies, and on the Boards of Treasury Metals Inc. (Audit Committee Chairperson) and Nubian Resources Ltd. (Chairman).

Lloyd Jones **General Manager, Australia**

More than 30 years experience working within the private and government sectors. Leads Australian subsidiaries, strategic development and project deployment in Queensland and the Northern Territory.

David Thomas **General Manager, U.S. Operations**

Senior executive and engineer +30 years of leadership in resource development industries, including in construction and commissioning of major mining operations. Mr. Thomas has played a vital role in acquiring international business, developing operating procedures and systems, and executing multi billion-dollar projects in the USA and abroad.

Dennis Gibson **Chief Financial Officer (CPA, CGA)**

Dennis Gibson has been Laramide's CFO since 2006. He has held senior financial positions for past 30 years, including at Treasury Metals Inc. (present CFO), Aquiline Resources Inc. and Forrester Metals Inc.

BOARD OF DIRECTORS



John Booth **Non-executive Chairman**

Qualified lawyer (Ontario, NY & DC), 25 years of experience as banker, broker and fund manager in global capital markets. Member of the Audit, Compensation, and Nominating & Governance Committees.

Marc Henderson **Director, President & CEO**

Chartered Financial Analyst with +25 years including former president and CEO, Aquiline Resources Inc.; MineFinders (president). Economics degree from University of Colorado.

Jacqueline Allison **Independent Director**

Chair of the Management and Economics Society of the Canadian Institute of Mining, Metallurgy and Petroleum (CIM). Ms. Allison holds a PhD in Mineral Economics, a Professional Geoscientist (Ontario) designation, and a CFA designation. +20 years experience at major institutions in the fields of mineral economics, financial analysis, investment management and investor relations.

Raffi Babikian **Independent Director**

Extensive nuclear fuel cycle industry experience; corporate finance and marketing advisory services to uranium mining companies for past 12 years. Began career at AREVA SA (now Orano SA). Engineering degree from McGill, Masters from MIT, and MBA from Collège des Ingénieurs.

Scott Patterson **Independent Director**

President and CEO of FirstService Corporation. Chartered Accountant, previously at Price Waterhouse (1983-1987), Bankers Trust. Member of the Audit (Chairperson), Compensation, and Nominating & Governance Committees.

DISCLAIMER



Cautionary Statement regarding Mineral Resource Estimates

This presentation uses the terms measured, indicated and inferred mineral resources as a relative measure of the level of confidence in the resource estimate. Readers are cautioned that mineral resources are not mineral reserves and that the economic viability of resources that are not mineral reserves has not been demonstrated. The mineral resource estimates disclosed in the Presentation may be materially affected by geology, environmental, permitting, legal, title, socio-political, marketing or other relevant issues. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to an indicated or measured mineral resource category, however, it is reasonably expected that the majority of Inferred Mineral Resources could be upgraded to Indicated Mineral Resources with continued exploration. The mineral resource estimates are classified in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum's "CIM Definition Standards on Mineral Resources and Mineral Reserves" incorporated by reference into NI 43-101. Under NI 43-101, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies or economic studies except for preliminary economic assessments. Readers are cautioned not to assume that further work on the stated resources will lead to mineral reserves that can be mined economically.

Technical Information in the Presentation

Unless otherwise indicated, Laramide Resources Ltd. Has prepared the technical information in this presentation, including mineral resource estimates, based on information contained in the technical reports and news releases (collectively, the "Disclosure Documents") available under the Company's profile on SEDAR at www.sedar.com. The Disclosure Documents are intended to be read as a whole, and sections should not be read or relied upon out of context. The technical information is subject to the assumptions and qualifications contained in the Disclosure Documents. For further Technical Information, refer to the following reports:

- Scoping Study for the Westmoreland Uranium Project, prepared in accordance with NI 43-101, entitled "National Instrument 43-101 Technical Report-Scoping Study" issued for use on April 20, 2016 led by independent consultants Lycopodium Minerals Pty Ltd.
- Technical Report on the Churchrock Uranium Project, McKinley County, State of New Mexico, U.S.A., prepared in accordance with NI 43-101, with an issue date of November 14, 2017, by Roscoe Postle Associates Inc.
- Technical Report on the Crownpoint Uranium Project, McKinley County, New Mexico, USA, prepared in accordance with NI 43-101, with an issue date of November 16, 2018, by Roscoe Postle Associates Inc.
- Independent Technical Report on the Murphy Project, Northern Territory, Australia, prepared in accordance with NI 43-101, with an effective date of May 20, 2020, by Mining Associates Ltd.

The technical reports are available under the Company's profile on SEDAR at www.sedar.com and on the OTCQX at www.otcmarts.com, on the ASX at <https://www2.asx.com.au/> and on the Company's website at www.laramide.com.

Exploration Target Potential: The potential quantity and grade of the exploration targets referred to are conceptual in nature and insufficient exploration work has been completed to define a Mineral Resource. The property will require significant future exploration to advance to a resource stage and there can be no certainty that the exploration target will result in a Mineral Resource being delineated. The exploration targets are consistent with similar deposits in the area, deposit models or derived from initial drilling results.

In this presentation, we use the terms "cash operating cost" and "All-In Sustaining Cost" or "AISC". These should be considered non-IFRS financial measures as defined in applicable Canadian securities laws and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.



THANK YOU



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