

AMERICAN CRITICAL MINERALS

NOVEMBER 2026

CSE: KCLI | OTCQB: APCOF | FRA: 2P3

www.acmineralscorp.com

Fueling American Independence

Working to Fuel and Feed America from the Heart of Utah

Forward Looking Statements

This presentation contains forward-looking information or forward-looking statements within the meaning of applicable securities legislation. All statements, other than statements of historical fact, are forward-looking statements and are based on expectations, estimates and projections as at the date of this presentation. Any statement that involves discussion with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance (often, but not always using phrases such as "plans", "expects", "is expected", "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) are not statements of historical fact and may be forward-looking statements. In this presentation, forward-looking statements relate, among other things, to: statements with respect to the Company's future plans and potential of its mineral properties; anticipated drilling at the Green River Project; and prospective funding of the Company.

Although the Company believes that such statements are reasonable, it can give no assurances that such expectations will prove to be correct. All such forward-looking statements are based on certain assumptions and analyses made by the Company in light of their experience and perception of historical trends, current conditions and expected future developments, as well as other factors management believes are appropriate in the circumstances. Forward-looking statements also involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance, or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Important factors that could cause actual results to differ from this forward-looking information include those described under the heading "Risks and Uncertainties" in the Company's most recently filed MD&A.

Forward-looking information contained herein are made as of the date of this presentation and the Company does not intend, and expressly disclaims any obligation to, update or revise the forward-looking information contained in this presentation, except as required by law. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.

References to Exploration Targets throughout this presentation are conceptual in nature and there has been insufficient exploration to define them as Mineral Resources, and, it is uncertain whether further exploration will result in the determination of a Mineral Resource under NI 43-101. The Potash, Lithium, and Bromine Exploration Targets are not being reported as part of any Mineral Resource or Mineral Reserve. For further information, please see technical report titled "Amended and Restated NI 43-101 Technical Report Green River Potash and Lithium Project Grand County, Utah USA" dated January 27, 2026 available under the Company's SEDAR+ profile at www.sedarplus.ca.

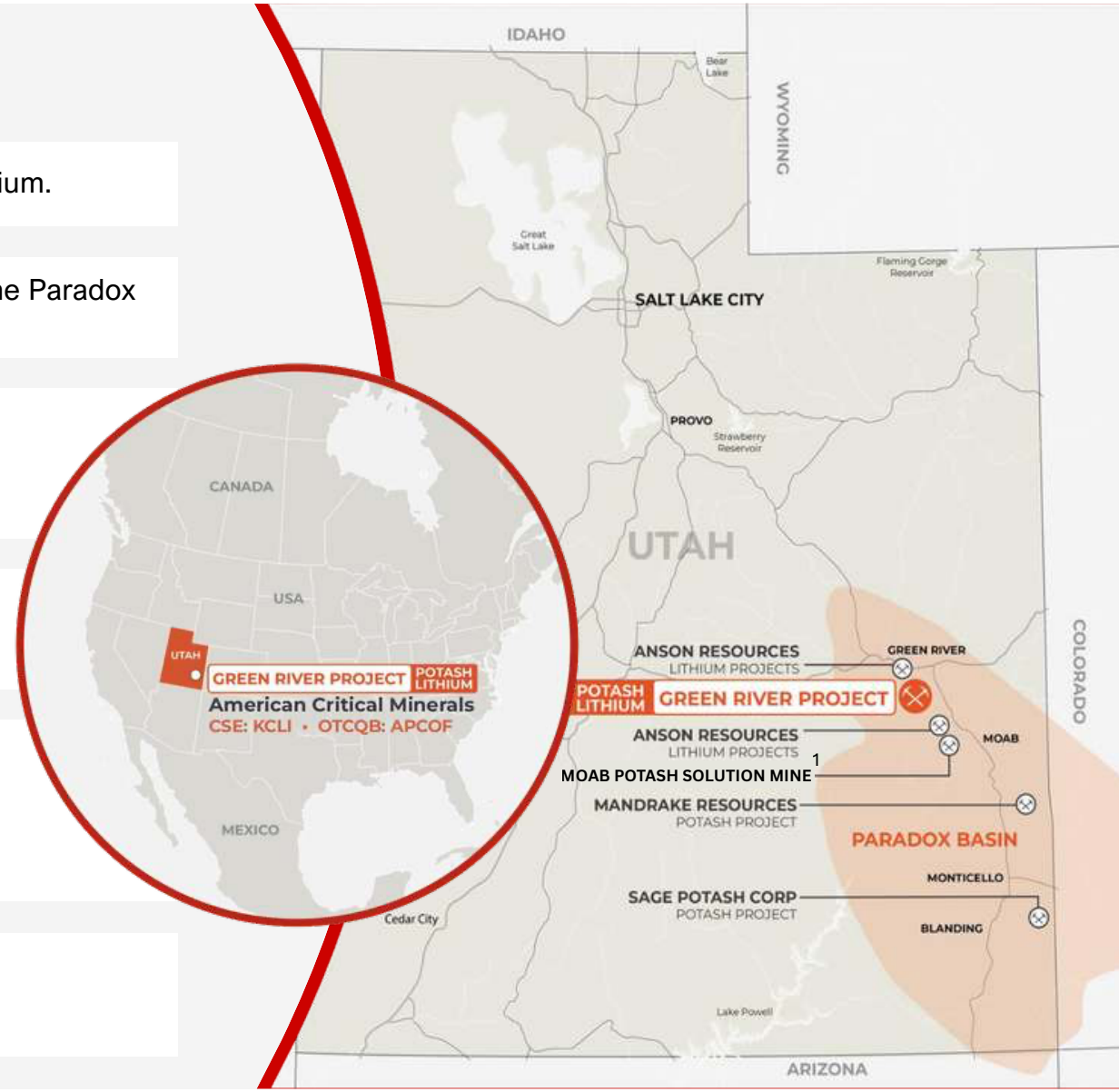
Dean Besserer, P.Geo., a qualified person within the meaning of NI 43-101 has reviewed and is responsible for the technical details of this presentation.

American Critical Minerals cautions that results or discoveries on properties in proximity to the American Critical Minerals' properties may not necessarily be indicative of the presence of mineralization on the Company's properties. All information regarding other companies and/or projects contained in this disclosure has been drawn from publicly available sources. The Company has no affiliation to any of the aforementioned companies and/or projects.

The Company has no affiliation to Intrepid Potash or the Moab Mine.

American Critical Minerals

Dual Exposure	Single asset with exposure to two strategic minerals: potash and lithium.
Super Basin	Developing large-scale potash, lithium, and bromine targets within the Paradox Basin, Utah, one of the world's key potash basins.
Peer Validation	Large-scale potash production 30km away.[1] Adjacent advanced lithium development advancing through feasibility and small-scale mining permit approval (Anson Resources).
Defining Milestone	Inaugural drill program complete – result of **38.51 wt.% KCl over 6.55m** representing a significant improvement over historic drilling.
Key Differentiator	CEO, Dean Pekeski brings 17+ years of potash exploration and development experience including projects in Utah. Senior Advisor, Simon Clarke took American Lithium to $1.2B valuation with 10+ years running Critical Minerals projects.
Funding Potential	Increasing U.S. government focus on securing domestic critical minerals and fertilizer supply chains.



1) The Company has no affiliation to Intrepid Potash or the Moab Mine.

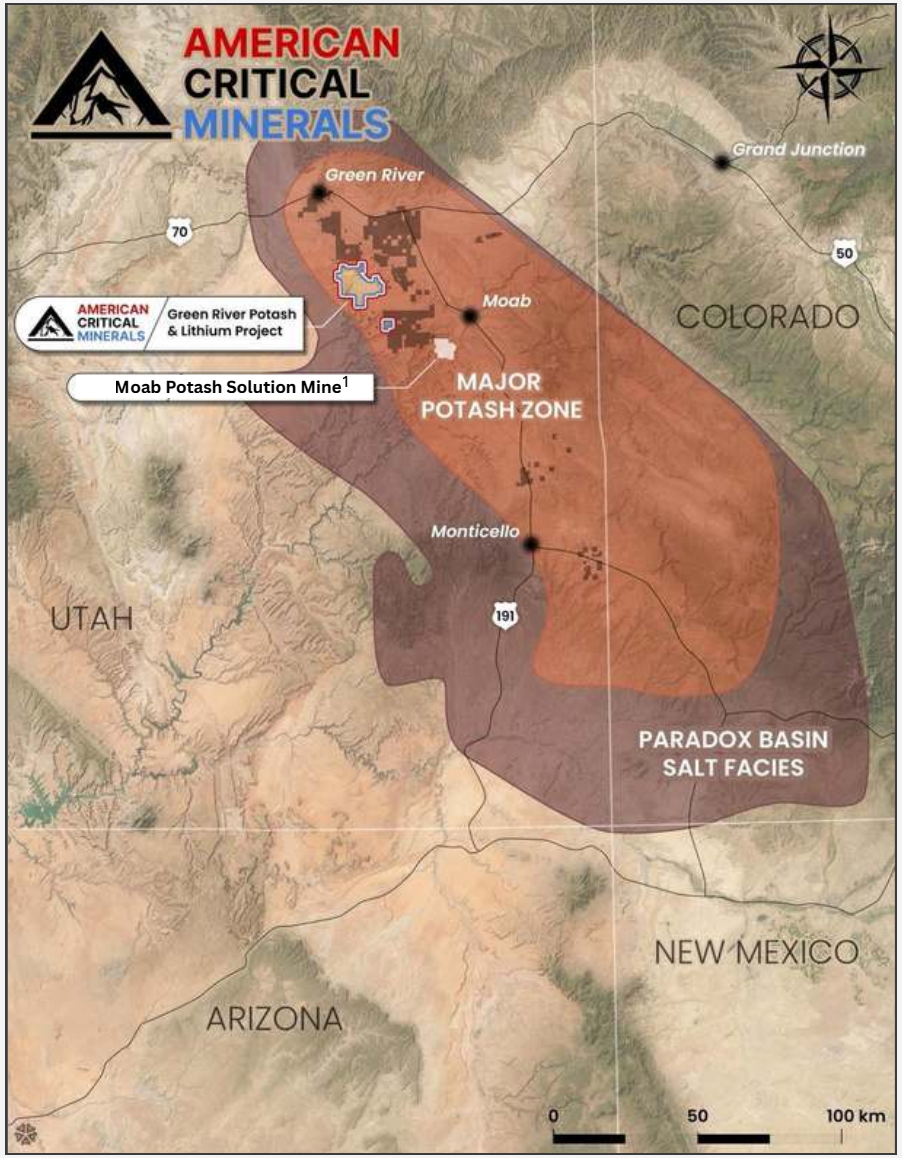
The Paradox Basin: A Potash and Lithium Exploration Hotbed – The Only US Super Potash Basin

What is a Super Basin?

- A super basin is a large, geologically favourable sedimentary basin that hosts multiple world-class (Tier 1) potash deposits, typically in flat-lying formations that support low-cost, large-scale extraction.
- Super Basins are defined to have the potential to produce a 1Bt of potash.
- These basins underpin global potash supply in regions such as Canada, Belarus, and Russia.

The Green River Project is located within the historic Paradox Basin which contains:

- A geologic province which extends approximately 160 km (100 miles) in width and 320 km (200 miles) in length in a northwest-southeast direction spanning southeastern Utah and southwestern Colorado.
- Established and ongoing potash production.[1]
- Large established resources for lithium including a successful pilot plant (Anson Resources).
- Large Exploration targets for potash, lithium and bromine.



1) The Company has no affiliation to Intrepid Potash, the Moab Mine or Anson Resources.

The Potash Problem in America – Huge Reliance on Overseas Markets

Investing in U.S. based potash sources will help to secure American farming independence and food security with a U.S. based supply

Declining U.S. Production



U.S. PRODUCTION

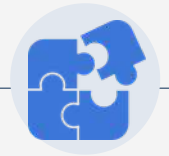
-65%

production decline

Potash production in America has consistently declined since 1999.

1999: **1480t.** | 2022: **480t.**[1]

Global Supply Chain Disruptions



AFFECTS THE U.S.

~38%

of global supply

The ***Russia/Ukraine war*** resulted in sanctions on a significant supply of potash from Russia/Belarus

Rising Demand



SUPPLY

~6M tonnes[2]

global supply gap

2022E global supply gap



U.S. IMPORTS

over 94%

of its potash from overseas sources

Rising Costs



FARMING COSTS

Rising

Supply chain disruptions and fertilizer price increases lead to higher costs for American farmers

Rising Prices



PRICES

Rising & Tariff Impacts

Higher costs for American farmers leads to higher prices for American consumers and tariffs / trade disputes will exacerbate this trend

1. *USGS MCS2000, MCS2022*
2. *Source: IHS July 2022 Potash Outlook, Bloomberg*

The Green River Potash and Lithium Project

100% interest

The Project Spans 32,500 Acres

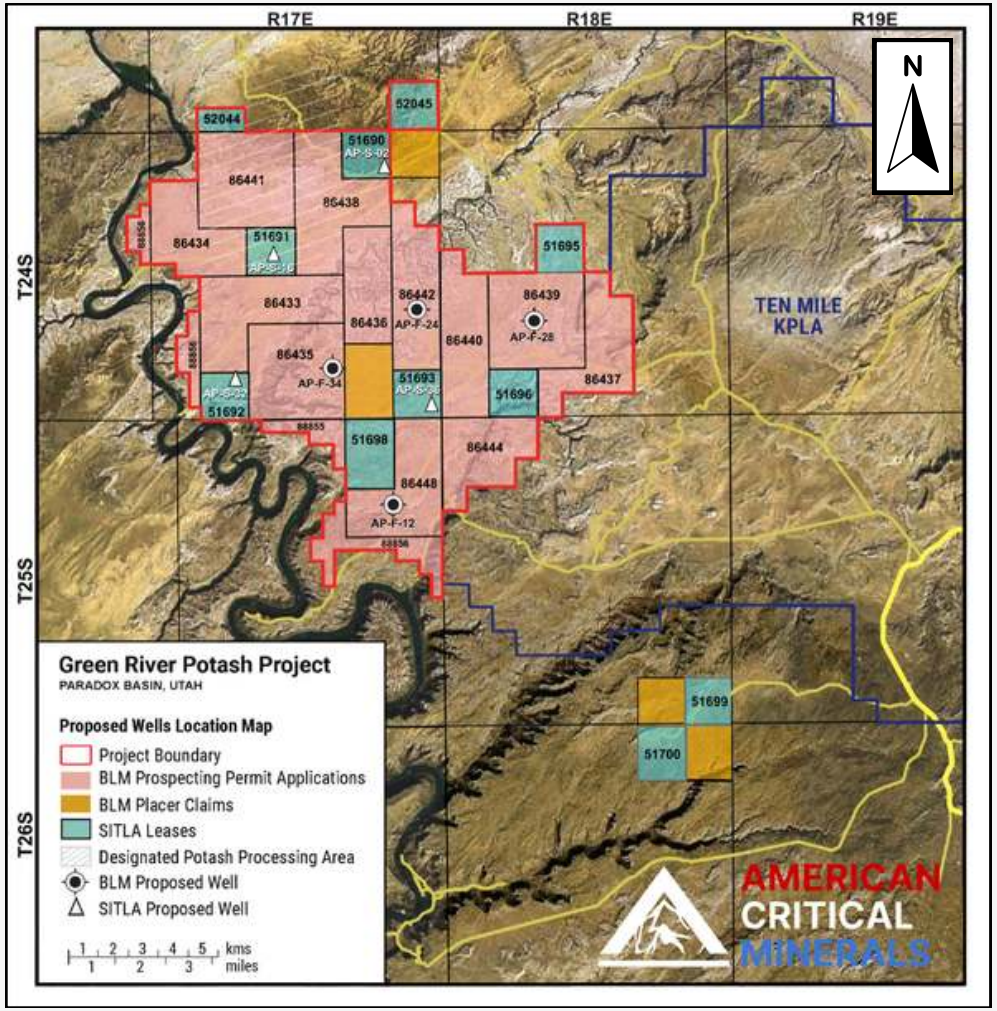
- 11 State of Utah Potash and Lithium leases totaling 7,050 acres
- 1,094 Federal Lithium brine claims (21,900 acres)
- 11 Federal Potash Prospecting Permits covering 25,000 acres

7 Permitted Wells on the Project

- 4 Wells permitted on BLM land
- 3 Wells permitted on State land **(inaugural well now complete)**

Location and Infrastructure

- Rail, roads, power, and water proximal to site
- Access to local labor with Moab and Green River 20 miles away



Regional Pedigree Validated by Peers

Moab Potash Solution Mine[1]

Producing nearby for over 50 years from the same potash cycles. Successfully mining using Solution Mining recovery.

- Cycle 5 is in the 'Goldilocks Zone' for potash mining at an optimum depth (5,000 ft) that balances out brine temperature with drill costs/complexity.
- KCLI well AP-S-02 intersected Cycle 5 at 5,776 ft and graded 38.51 wt.% over 6.55m.
- Cycle 5 has been mined since 1963.

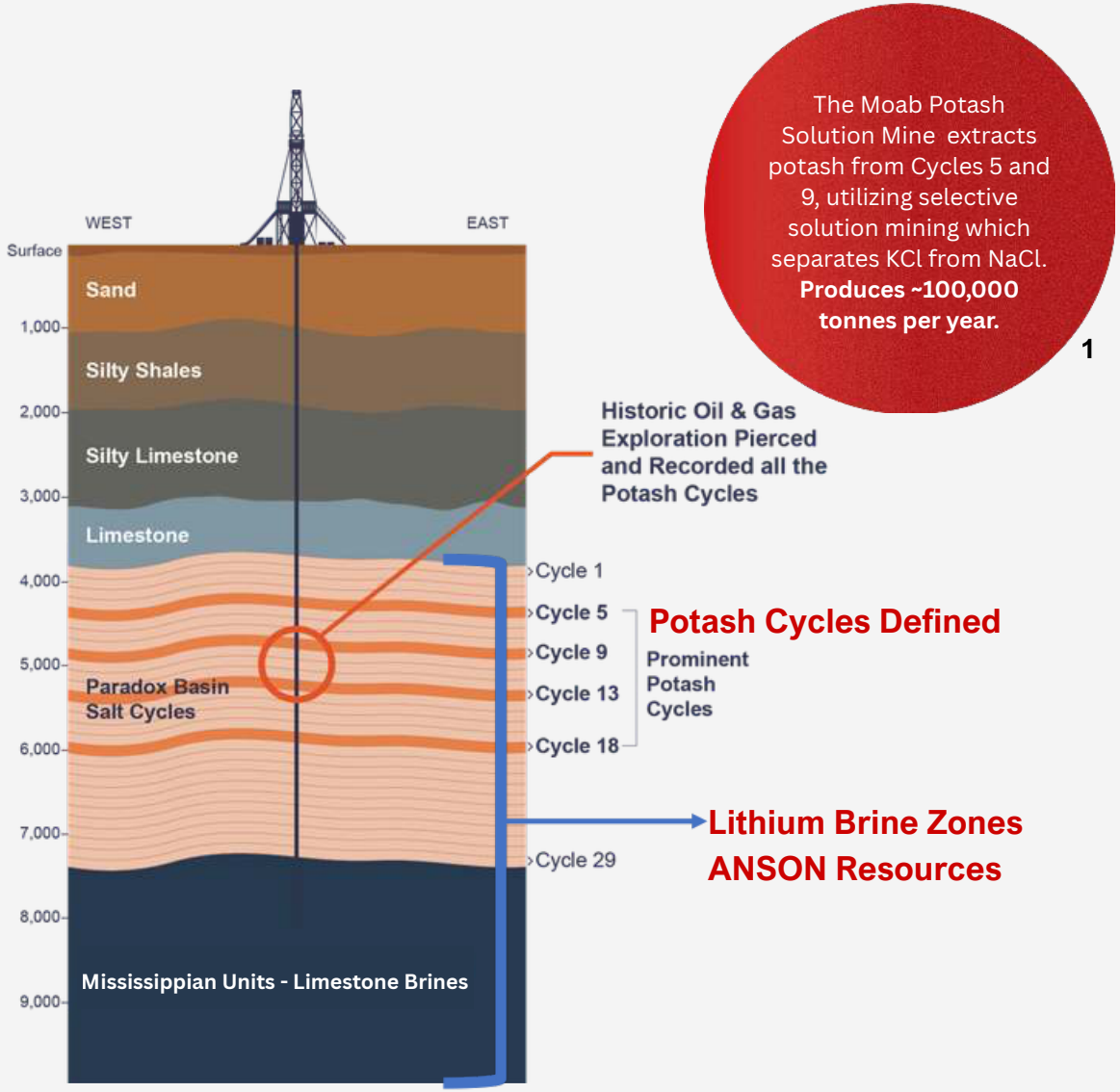
Anson Resources (ASX: ASN)[3]

Anson Resources is developing two blocks that bookend the American Critical Minerals' land claims.

The Green River Lithium DLE Project is well advanced and borders KCLI's project on the north.

- JORC Resource: 773,000t of contained LCE.[2]
- Well advanced moving into Feasibility and has now received all major government permits for its planned 10,000 tpa lithium carbonate plant (July 2026).

The Paradox Lithium Project is located to the south and hosts a JORC resource of 1.5Mt LCE[2] but is optionality on the more advanced Green River Lithium DLE Project.



1. *The Company has no affiliation to Intrepid Potash or the Moab Mine.*
2. *The Company has no affiliation to Anson Resources. JORC defined mineral resource estimates are typically similar to, but not necessarily equivalent to, CIM NI 43-101 defined mineral resource estimates, and there is no guarantee similar resources exist on the Company's project.*
3. *Results or discoveries on nearby properties may not necessarily be indicative of mineralization on the Company's properties.*

The Potash Opportunity

Favorable Geology for Thick High-Grade Resources

The Green River Project is in the heart of the best fairway for potash in the basin.

Exploration Target

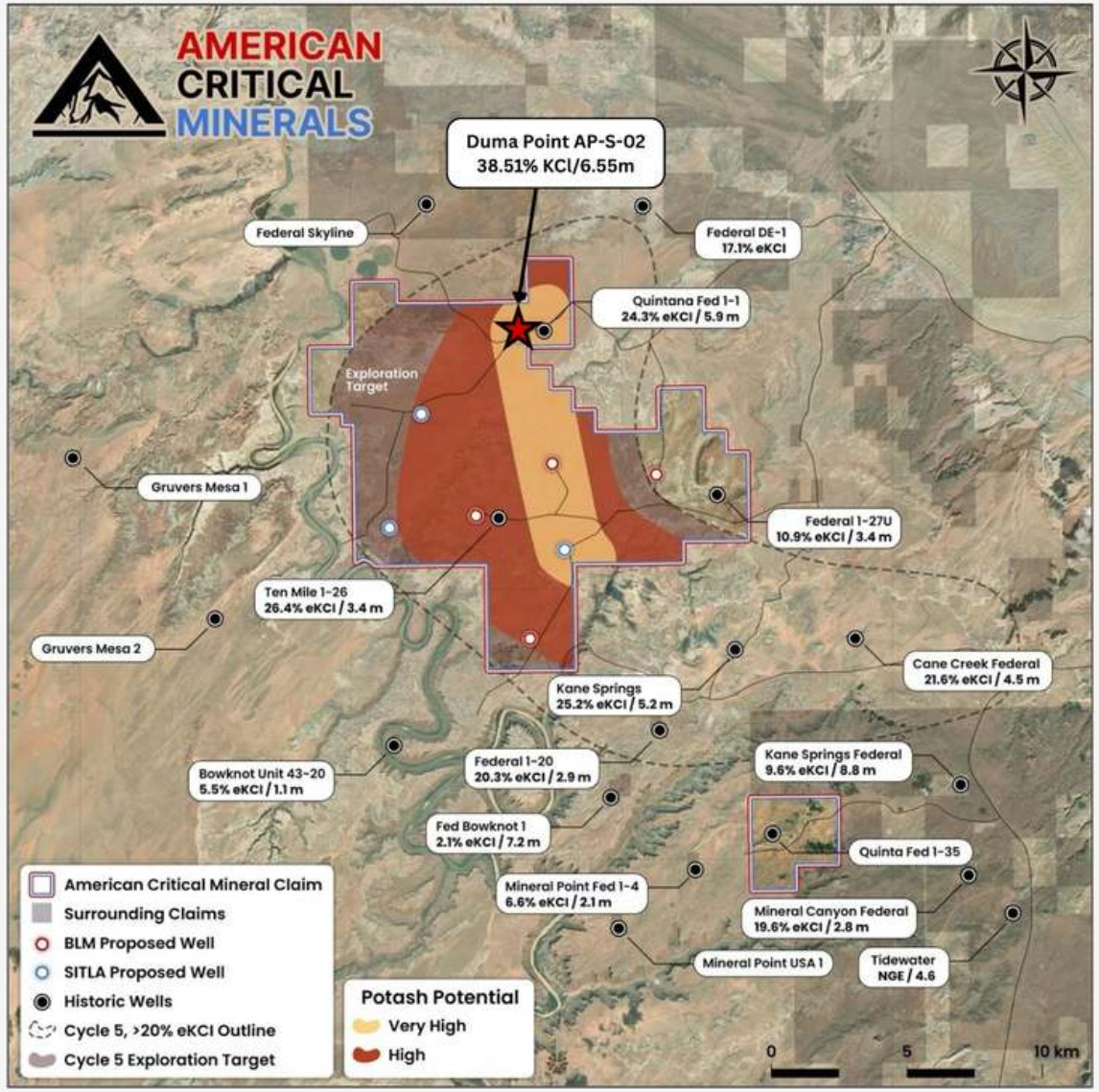
500 to 950 million tonnes of sylvinite eKCl (Potash)
Grade 19%-29%

- Key Rock Units: Potash Cycle 5, 9 and 18

Historic Wells

There are 22 historic oil and gas wells drilled within or adjacent to our acreage with good downhole e-logs that show the presence of potash mineralization.

- **Two wells on the Green River Project intercepted 3.4m @ 26.4% eKCl and 5.9m @ 24.3% eKCl.**



**Please see Note on Exploration Targets in "Forward Looking Statements"*

2D Seismic Interpretation

Flat-Lying Potash Beds Amenable to Solution Mining

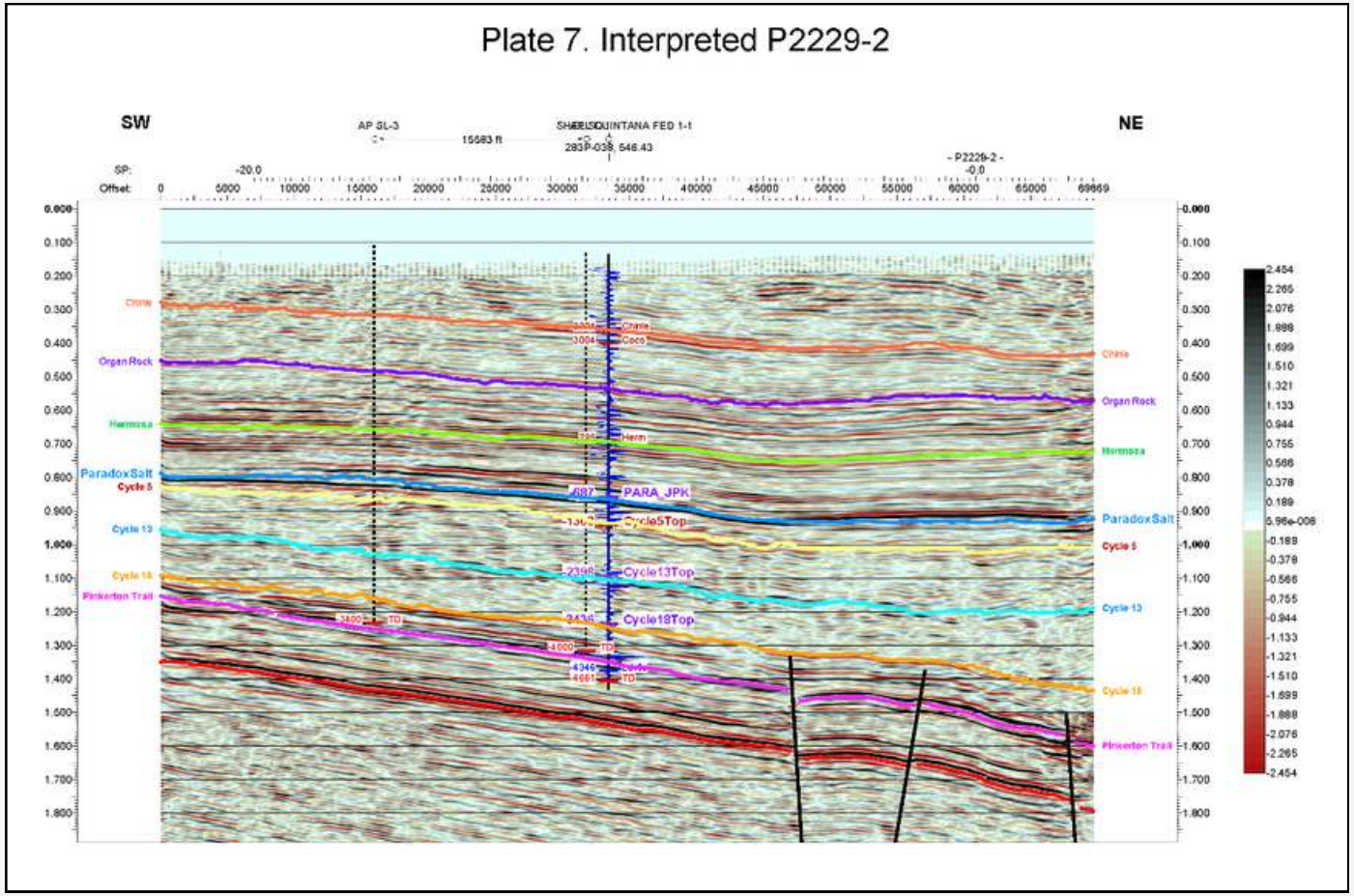
2D Seismic Highlights the Green River Potash and Lithium Project is in the Best Fairway in the Paradox Basin.

2D Seismic data reveals a laterally extensive stratiform and strata bound horizon which appears to lie on a flat-lying portion of the antiform that underlies the property.

Flat lying potash beds are amenable to solution mining.

The seismic data indicates that the Leadville Formation and Paradox clastic zones dip north–northeast, with structural lows and localized closures favoring accumulation of lithium-bearing brines.

Northward thickening of the Paradox Formation and high-angle faults may enhance both the volume and quality of brine.



Defining Milestone

Completion of the Inaugural Well Delivers Exceptional Potash Result

- **Purpose:** Validate historic drill data and test, through coring and brine sampling, the key Paradox formation potash horizons, as well as the clastic brine-bearing zones for lithium and bromine in the Paradox and Leadville formations.
- **Location:** Strategically positioned approximately 2,000 feet from the historic Quintana Fed 1-1 oil and gas well that reported 5.9 metres grading 24.3% eKCl within Cycle 5.
- **The Duma Point AP-S-02 well** reached a total depth of 2,818 metres (9,245 feet).

Drilling Confirmed:

- **Composite grade of 38.51 wt.% KCl over 6.55m or 21.5 feet within the Cycle 5 potash member.**
- High-grade potash with meaningful thickness confirmed.
- Results represent an 11% increase in thickness and a 51% increase in grade compared with the historic Quintana Fed 1-1 well located 0.6 kilometres (~ 2,000 feet) east-northeast of the current well.
- Includes a high composite grade intersection of 42.94 wt.% KCl over 2.1m (6.9 feet).
- The presence and continuity of sylvite mineralization within the Cycle 5 potash bed now de-risks the supporting historical potash data reported on and available from within the Green River Project.



AP-S-02 Assay Results

Composite grade of 38.51 wt.% KCl over 6.55m within Cycle 5

Sample	Sample Depth (From*, ft)	Sample Depth (To, ft)	Sample Thickness (ft)	K_2O (wt.%)	KCl (wt.%)	MgO (wt.%)
ACM-P5-#003	5776.68	5777.5	0.82	22.4	33.8	0.01
ACM-P5-#004	5777.5	5778	0.5	31.5	47.53	0.01
ACM-P5-#005	5778	5779	1	29.5	44.52	0.01
ACM-P5-#006	5779	5780	1	15.1	22.79	0.01
ACM-P5-#007	5780	5781	1	26.7	**40.29**	0.01
ACM-P5-#008	5781	5782	1	23.7	**35.76**	0.01
ACM-P5-#009	5782	5783	1	26.8	**40.44**	0.01
ACM-P5-#010	5783	5784	1	32.7	**49.34**	0.01
ACM-P5-#011	5784	5785	1	29.7	**44.82**	0.01
ACM-P5-#013	5785	5786	1	31.6	**47.68**	0.01
ACM-P5-#014	5786	5787	1	28	**42.25**	0.01
ACM-P5-#015	5787	5788	1	18.5	27.92	0.01
ACM-P5-#016	5788	5789	1	26.1	39.38	0.01
ACM-P5-#017	5789	5790	1	20.3	30.63	0.01
ACM-P5-#018	5790	5791	1	24	36.22	0.01
ACM-P5-#019	5791	5792	1	28.9	43.61	0.02
ACM-P5-#020	5792	5793	1	22.6	34.1	0.01
ACM-P5-#021	5793	5794	1	5.73	8.65	0.01
ACM-P5-#023R	5794	5794.85	0.85	25.5	38.48	0.01
*e-log***	*5794.85*	*5798.18*	*3.33*	*19.43*	*29.32*	*N/A*

*High-grade interval: 42.94 wt.% KCl over 2.1m (5,780 to 5,787 ft)**



Duma Point AP-S-02 photograph of high-grade zone drill core

Table 1: AP-S-02 Assay Results
** Depths are measured from surface.*
*** The 5,794.85 to 5,798.18 ft interval was lost in the hole; results for this interval are reported from downhole wireline geophysical logs (e-logs). Please see the November 19, 2026 news release for full details.*

High-Grade Potash Confirmed

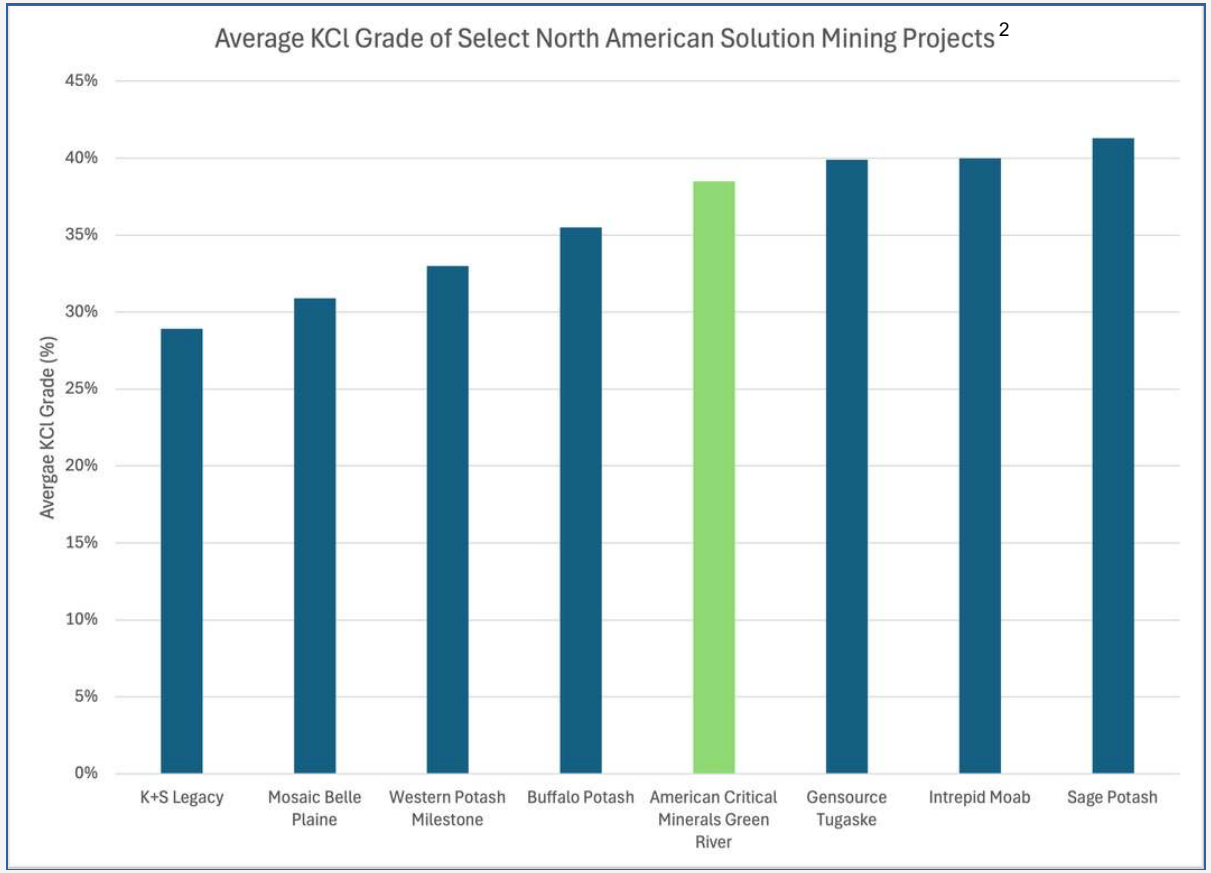
Green River Compares Favorably with Leading North American Solution Mining Potash Projects

DUMA POINT AP-S-02 | CYCLE 5 POTASH MEMBER

38.51 wt.% KCl

over 6.55m (21.5 ft)

- Potash results compare favorably to reported grades from the nearby Moab Solution Mine which produces potash from the same Cycle 5 potash bed[1].
- Potash results from the inaugural well on the Green River Project have delivered one of the highest-grade potash intersections globally.



1) The Company has no affiliation to Intrepid Potash or the Moab Mine.
2) Sources of information: K+S Aktiengesellschaft (former owner Potash One Corp.'s Technical Report for Mineral Permit KP 289 Saskatchewan by Agapito Associates, Nov. 10, 2010), Mosaic Company (Belle Plaine Technical Report, Dec. 31, 2024), Buffalo Potash Corp. (Disley Project, Technical Report, April 15, 2026), Gensource Potash Corporation (Tugaske Project, Technical Report, Oct. 14, 2021), Intrepid Potash Corp. (Technical Report Summary of the 2023 Estimated Resources and Reserves at Intrepid Potash-Moab, Dec. 31, 2023), Sage Potash Corp. (Sage Plain Technical Report, Sept. 8, 2025, by RESPEC LLC), Western Potash Corp. (NI 43-101 Technical Report, Dec. 29, 2021). The Company has no affiliation to any of these companies or projects.

The Lithium and Bromine Opportunity

Exploration Target: Based on aquifer volumes and porosity estimates.

LITHIUM

0.6-1.7 Mt LCE

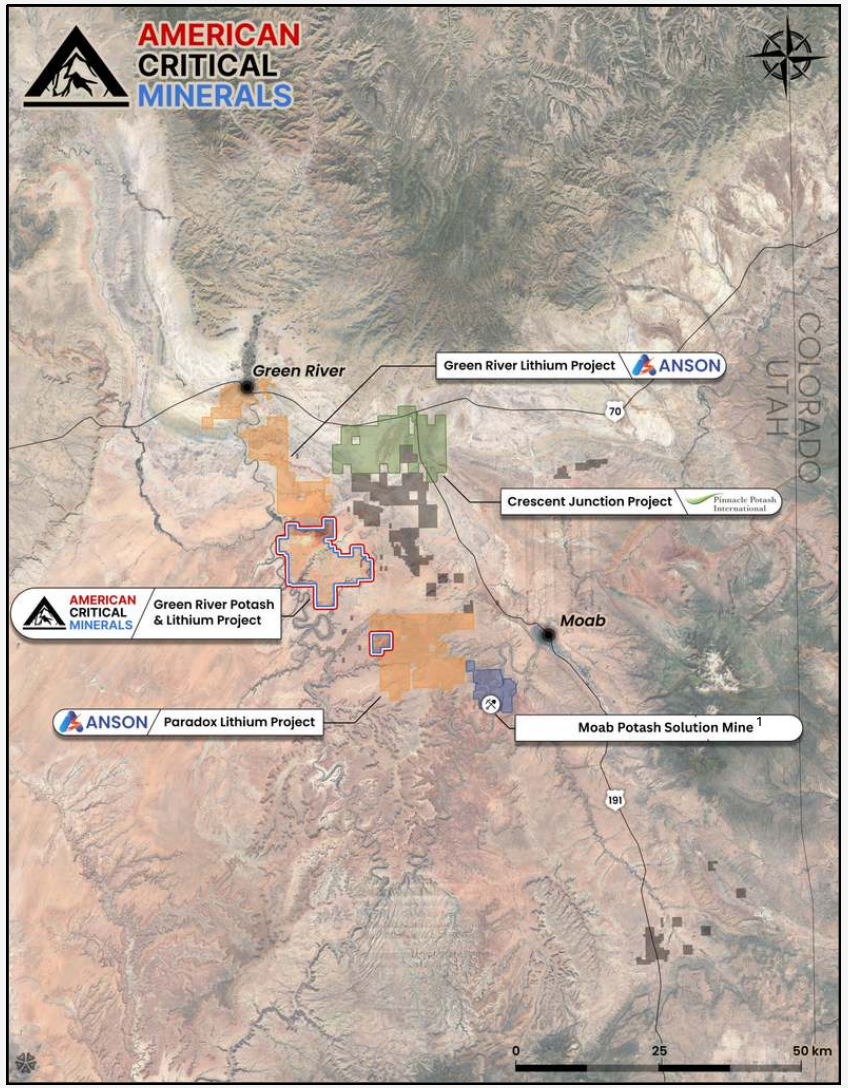
~91-152 ppm Li | low to high case

BROMINE

3.3-9.1 Mt Br_2

~2,647-4,412 ppm Br_2 | low to high case

- Two short-duration drill stem packer tests were completed targeting the Leadville Formation limestone unit and lower clastic units of the Paradox Formation.
- Although brine was successfully sampled from the Leadville Formation test, meaningful lithium and bromine results were not obtained.
- Sample collected from the Paradox Formation was contaminated with drilling fluids/mud and deemed to be inconclusive.
- Future longer duration pumping tests could provide different results.
- Given these results and the high-cost nature of drilling to these depths, the Company will re-evaluate future drilling and sampling programs within these deep zones.



Please see more on Exploration Targets in "Forward Looking Statements".
* Disclaimer: JORC defined mineral resource estimates are typically similar to but not necessarily equivalent to CIM NI-43-101 defined mineral resource estimates and there is no guarantee similar resources exist on the Company's project
1) The Company has no affiliation to Intrepid Potash or the Moab Mine.

The Path Forward
Discovery to Feasibility

Phase II Drill Program - 1 to 2 Wells

- Generate NI 43-101 potash resource estimate (inferred and indicated resource).
- Conduct geotechnical, geomechanical, and dissolution test work.
- Complete Preliminary Economic Assessment.
- Optimize and re-sample for lithium and bromine within the Paradox stratigraphy.

Phase III Drill Program - 1 to 2 Wells

- Expand resource and update NI 43-101 resource estimate.
- Seismic coverage to help establish continuity between wells.
- Evaluate development options, define mine plan, advance engineering, infrastructure and transportation planning.
- Commence environmental permitting.
- Evaluate market access and offtake options.
- Complete Feasibility Study.





Our Team

Dean Pekeski, BSc, PGeo.
President, CEO & Director

Has held senior technical and corporate positions across the mining sector for over 33 years with a particular focus on potash exploration and development for over 17 years of that time. Dean was Executive Vice President of Western Potash Corp. from 2008 – 2015 and lead discovery and development of the Milestone Potash Solution Mining Project in Saskatchewan. From 2016 Dean has been developing Peak Minerals Inc., a private Company developing the construction ready Sevier Playa Potassium Sulphate (SOP) Brine Project in Utah where he most recently served as CEO, President & Director. He remains as Chief Technical Officer and Director for Peak Minerals.

Dean Besserer, BSc, PGeo.
COO & Director

More than three decades of mineral exploration experience working in over 50 countries, leading projects with annual exploration budgets exceeding US$20 million. Vice-President and Partner at APEX Geoscience Ltd., a consulting firm with offices in Canada, South America and Australia. Director of Brilliant Mining, Niblack Resources, Sentosa Mining, CEO of Zeus Minerals former VP Exploration M2 Cobalt. Professional Geologist and a "Qualified Person" as defined in National Instrument 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101").

Eric Miller
Director

President of Rideau Potomac Strategy Group, a consultancy that advises public and private sector clients globally on economic and regulatory policies, sustainability, government affairs, business strategy, and geo-political matters. Advises mining companies on critical minerals policies and funding. Representative of Canada's Department of Industry (ISED) in the US. Global Fellow at the Woodrow Wilson Center in Washington, the Canadian Global Affairs Institute, and Canadian Chamber of Commerce's Future of Business Centre.

Colin Healey, BCom, MBA, MET
Director

Currently CEO of Premier American Uranium Inc.; >20 years extensive experience as a finance and management professional, including 16 years in Equity Research as a Mining and Special Situations Analyst at Haywood Securities, covering uranium, lithium, other commodities.

Steve Vanry, CFA, CIM
Director / Audit Chair

25 years of professional experience in senior management and director positions with resource focused public and private companies, providing expertise in capital markets, strategic planning, regulatory compliance, accounting, and financial reporting.

Simon Clarke, LLB, Dip LP
Sr. Advisor

Executive Chairman of Myriad Uranium Corp. Former CEO & Director of American Lithium Corp. – $1.2 B Market Valuation at height of last lithium cycle; Senior Management / Director Jervois Global; Founder, CEO & Director M2 Cobalt sold to Jervois Global; Founder & Director of Osum Oil Sands approx. 25k bbls / day producer, sold in 2021 for approx. $400M.

John A. Greig, MSc, PGeo.
Sr. Advisor

Assembled Green River Project land package. Founder of Sutton Resources Ltd., Cumberland Resources Ltd., and EuroZinc Mining Corp. Director of Winspear Resources Ltd., Dynamic Oil and Gas Inc. (sold for approx. $105M), and Shellbridge Oil and Gas Inc. (sold for $60M).

Ken Taylor
Sr. Advisor

12 years with Intrepid Potash and is CFO of Redmond Minerals, a salt producer in the U.S.

Corporate Structure

as at November 19, 2026

MARKET CAP	SHARES OUTSTANDING	FULLY DILUTED	52-WEEK RANGE
$9.3M	103,225,370	149,878,739	$0.085 - 0.40

Share Information

Shares Issued & Outstanding	103,225,370
Warrants	39,703,369
Stock Options	5,230,000
RSUs	1,720,000
Fully-Diluted	**149,878,739**
Cash Position	$199,542

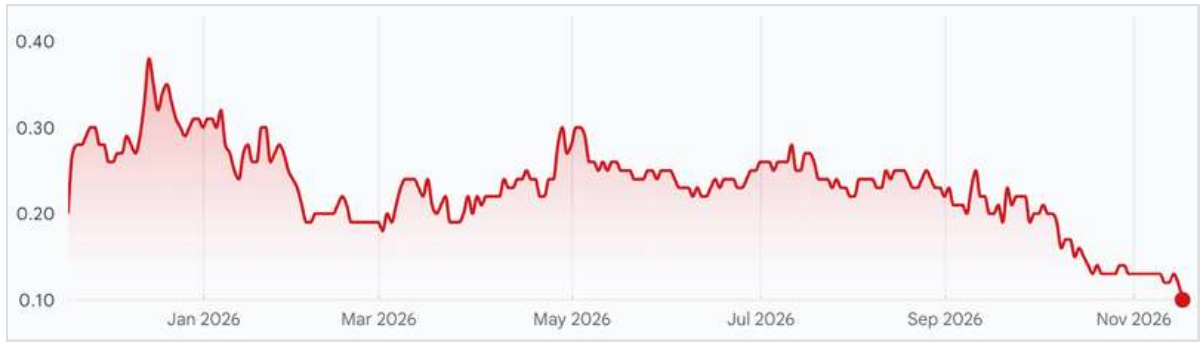
Corporate Office

1100–1199 West Hastings Street, Vancouver, B.C. V6E 3T5

Tel: 604-551-9665 | info@acmineralscorp.com

Share Performance (CSE: KCLI)

Source: Google Finance



Ownership

Strategic / Institutional Investors	50%
% Insider Ownership	15%
Other	35%

AMERICAN CRITICAL MINERALS

CSE: KCLI | OTCQB: APCOF | FRA: 2P3

www.acmineralscorp.com

AMERICAN CRITICAL MINERALS CORP.
1100–1199 West Hastings Street
Vancouver, B.C. V6E 3T5

Dean Pekeski
Email: dpekeski@acmineralscorp.com

