

SELECTED PROJECT EXPERIENCE

LCT Pegmatites

Big Mack Lithium Project

Kenora Mining District, Ontario

LITHIUM | TANTALUM | TIN | RUBIDIUM



As Pan American Energy's Technical Advisor and NI 43-101 Qualified Person, I support Big Mack through technical review, data verification, field-program leadership and public disclosure. My work includes validating drill and assay datasets, reviewing QA/QC, co-leading a broad 2024 sampling campaign and helping coordinate a University of Regina geomicrobiology collaboration.

PROJECT CONTEXT

Big Mack is an Ontario-registered mining lease about 80 kilometres north of Kenora. Four known lithium-bearing pegmatites are interpreted as zoned, complex-type, petalite-subtype LCT systems related to the Separation Rapids Pluton. Surface geochemistry, UAV magnetics and 59 drill holes totalling 8,319.24 metres expanded the technical dataset across multiple zones.

MY ROLE AND CONTRIBUTION

- Served as Technical Advisor and NI 43-101 QP for public technical disclosure.
- Reviewed the completed drill-hole database and verified data supporting disclosure.
- Checked assays, blanks, reference materials, field duplicates and grade calculations.
- Reviewed results and implications across Big Mack, Eleven and 6059/Sprinkler zones.
- Co-led an 856-station field program with Dr. Andrew Cameron and eight students.
- Reviewed disclosure initiating data integration for current resource-estimation work.

TECHNICAL CAPABILITIES DEMONSTRATED

NI 43-101 QP Oversight

Drill-Database Review

Assay QA/QC

LCT Pegmatite Evaluation

Field-Program Leadership

Multi-Media Sampling

Academic Collaboration

Technical Disclosure

HOW THE PROJECT ADVANCED

MAR 2024

Drilling

Combined campaign completed 8,319 metres in 59 holes.

APR 2024

Final Results

Eleven and 6059/Sprinkler datasets strengthened.

JUN 2024

Field Research

856-station multi-media program with U of R and IMSS.

JAN 2026

Resource Work

Historical and recent drilling integration initiated.

SELECTED PUBLIC RESULTS

1.71% Li₂O

over 19.65 m core length

Eleven Zone, BM24-059

1.64% Li₂O

over 5.83 m core length

6059/Sprinkler, BM24-047

Based on Pan American Energy disclosure through January 2026. Contractors completed drilling and researchers led academic work. Intervals are core lengths and may not represent true widths. No mineral resource has yet been disclosed for Big Mack.

Sources: Drill results | Spring program | Resource work

JARED SUCHAN CONSULTING LTD.

jared@jsconsult.ca

www.jsconsult.ca