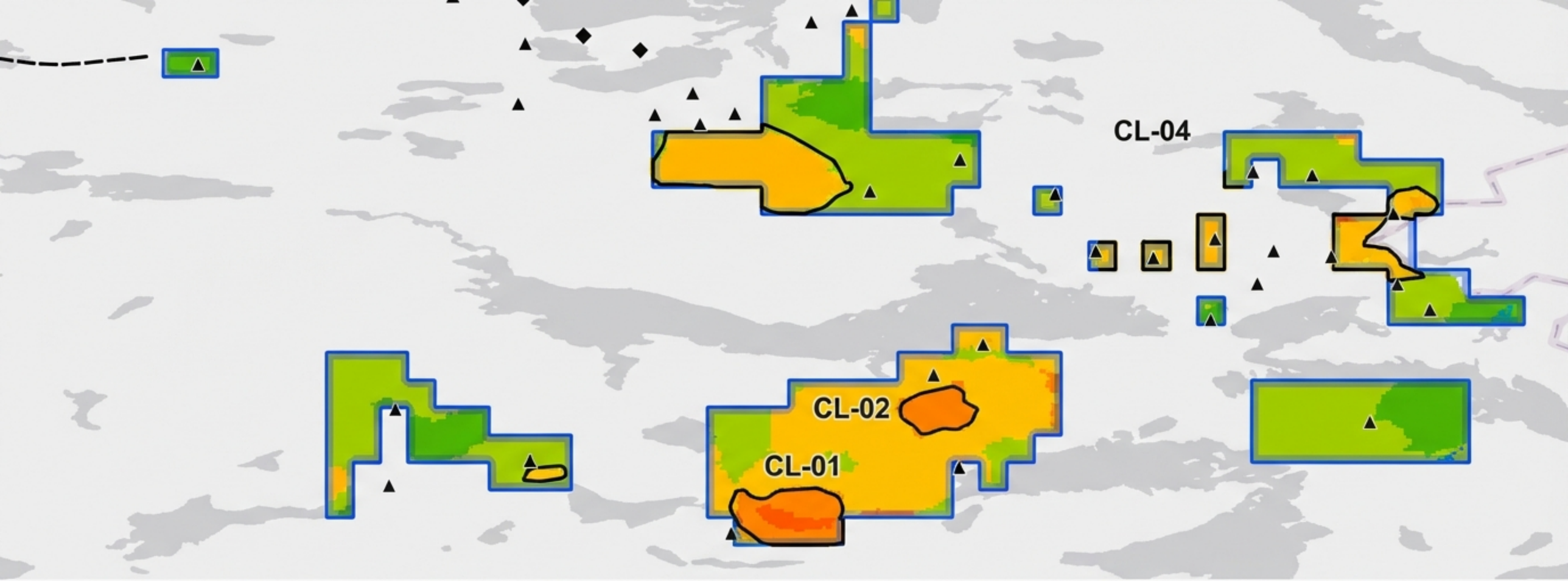


The NQC REE Project: AI-Driven Exploration in Northern Quebec

Unlocking Critical Mineral Potential in the Mistinibi-Raude Domain

Prepared by Mercator Geological Services | November 5, 2025
Prepared for NQC Resources Corp.

High-Grade Potential in a World-Class District

Strategic Location

Situated 120km south of the Strange Lake Deposit (Torngat Metals) and adjacent to the Crater Lake Scandium-REE deposit (Scandium Canada). The project shares the same geological Mistinibi-Raude Lithotectonic Domain as these major deposits.

Proven Mineralization

Historic sampling confirms high-grade potential. 19 confirmed mineral occurrences exist on the property.

Highlights include:

- 2.3% REE
- 4,893 ppm Nb
- Significant Zirconium (Zr) values

AI-Enhanced Targeting

Mercator's AI prospectivity model, calibrated on the Strange Lake deposit signature, has identified 6 high-priority targets (CL-01 to CL-06). These targets represent high-probability zones warranting immediate ground-truthing.

The Roadmap

A fully budgeted, two-phase exploration program is proposed:

Phase 1: Low-cost field validation (~$109k).

Phase 2: ~3,000m drilling campaign ($1.35M).

Benefiting from Regional Infrastructure Development

Logistical Catalyst:

Torngat Metals is developing the 'Strange Lake Northern Transportation Infrastructure Project,' a 170-180 km seasonal road connecting their mine to a port on the Labrador coast.

Strategic Advantage:

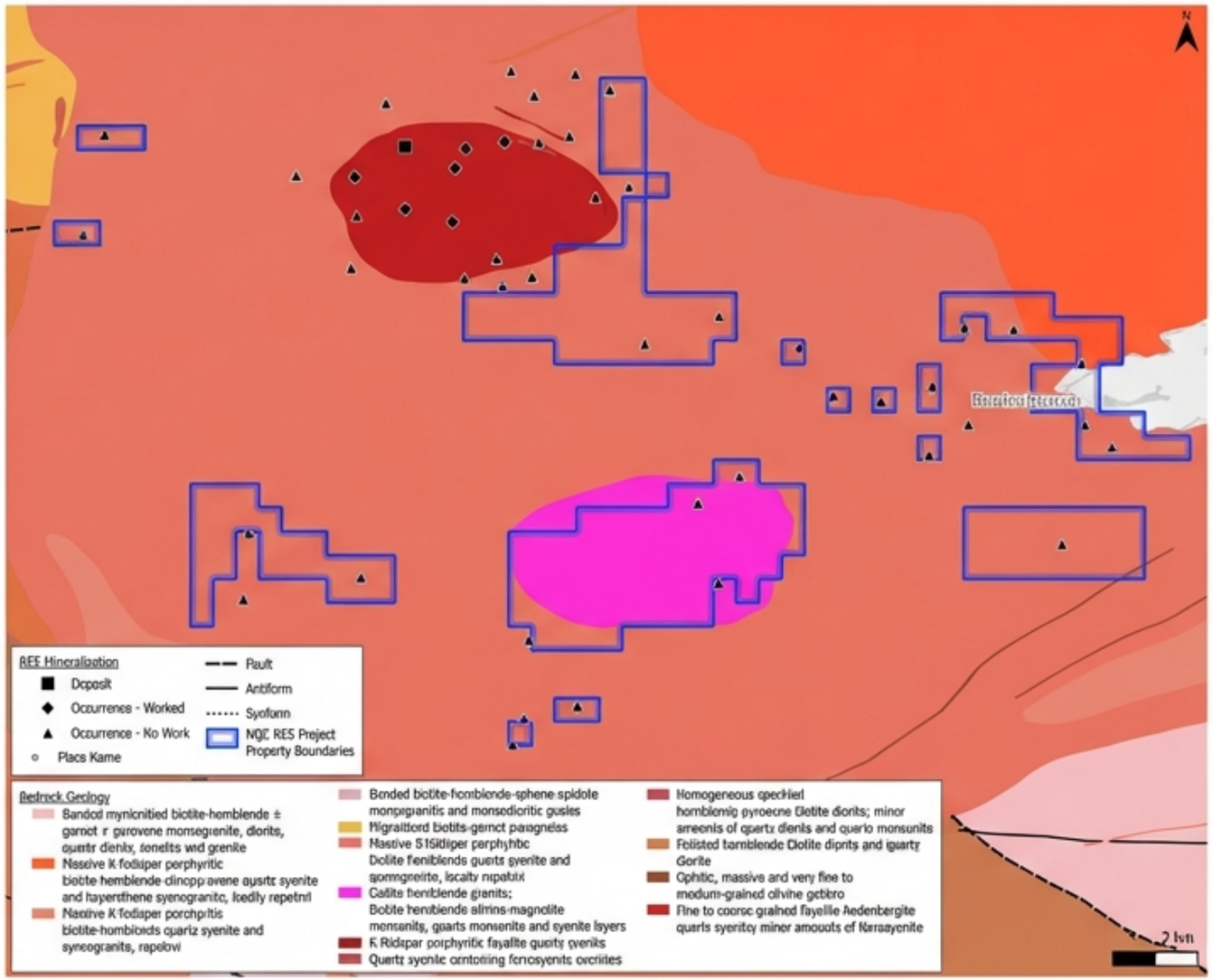
This proposed infrastructure transforms the logistics of the region, providing a potential transportation corridor for REE concentrates to reach processing facilities in Sept-Îles, Quebec.

Proximity:

NQC is located ~120km south of the Strange Lake complex and immediately adjacent to Crater Lake.

Geology of the Mistinibi-Raude Domain

- **Geological Setting:**
  Property is underlain by the Mesoproterozoic Mistastin batholith. Host rocks are syenite and peralkaline granite intrusions (late-stage differentiates).
- **Deposit Model:**
  Peralkaline granite-associated REE (Alkaline intrusive-related). This is the exact analogue model to the Strange Lake deposit.
- **Mineralization Style:**
  Rare Earth Elements (REE), Niobium (Nb), and Zirconium (Zr) are concentrated in pegmatitic dykes and along structural lineaments.
- **Composition:**
  Consistent with alkaline syenite/pegmatite systems. Rich in both Light REEs (La, Ce, Nd, Pr) and Heavy REEs (Y, Dy, Tb).



Situated Among World-Class Deposits

Analogue 1: Strange Lake (Torngat Metals)

Status: Mine development phase; production expected 2028.

Resource (2017):
278.0 Mt Indicated @ 0.93% TREO
1.92% ZrO_2
0.18% Nb_2O_5

Analogue 2: Crater Lake (Scandium Canada)

Status: Immediately adjacent to NQC.

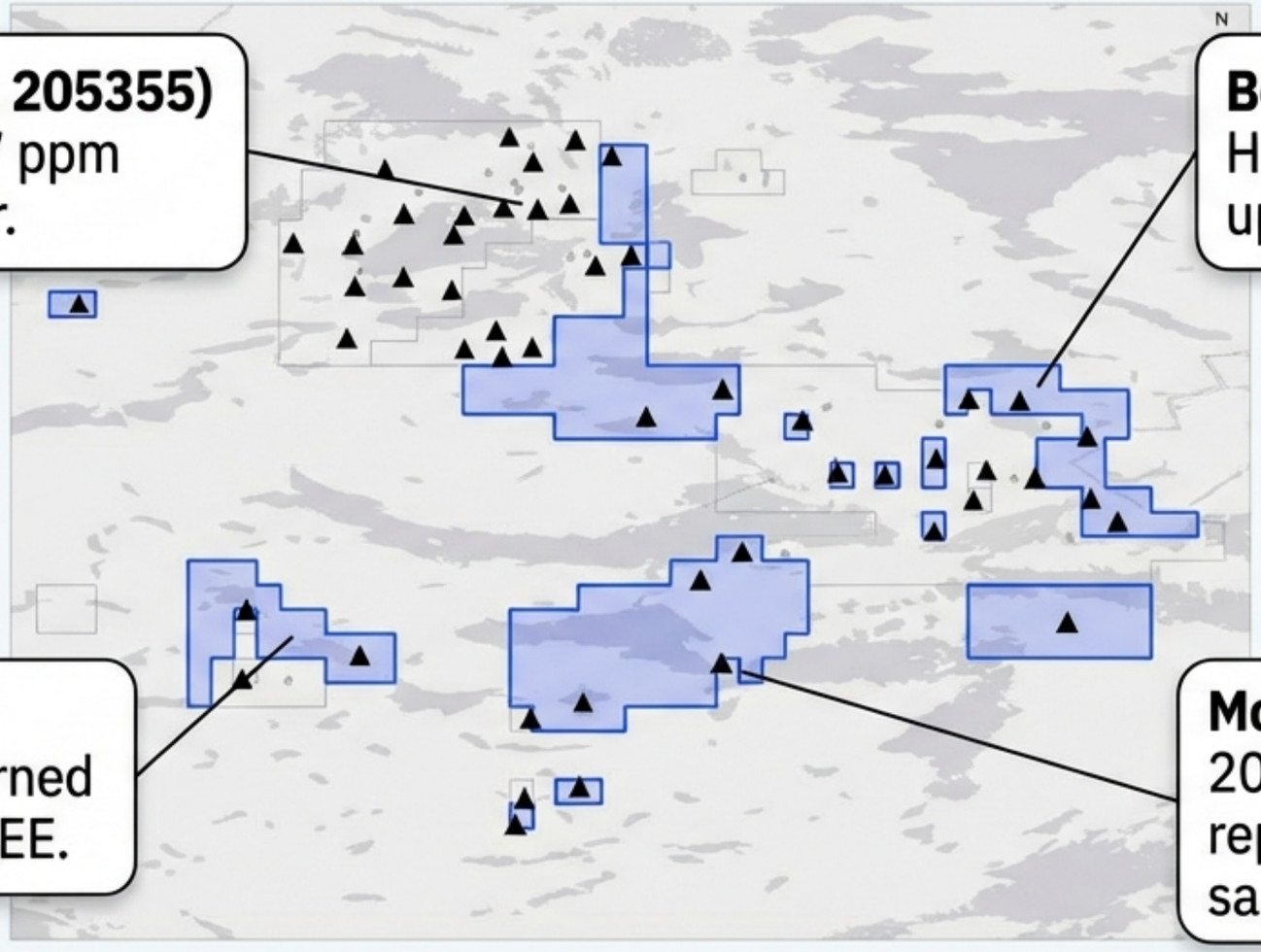
Resource (2025 NI 43-101):
16.3 Mt Indicated
Containing:
277.9 g/t Sc_2O_3
604.9 g/t Nd_2O_3

Takeaway: NQC shares the regional alkaline intrusive system that hosts these giants.

Known Mineralization & Historic High-Grade Samples

Aismery NE (Sample 205355)
4,893 ppm Nb, 2,467 ppm TREO, 18,190 ppm Zr.

Beaupré Zone
Historic grab samples up to 6,131 ppm REE.



Goélands Sud
Sample 205529 returned >1% (10,362 ppm) REE.

Moyen South
20,017 ppm Total REE reported in historic sampling.

The property hosts 19 documented REE mineral occurrences.
Primary host is allanite with zircon and pyrochlore.

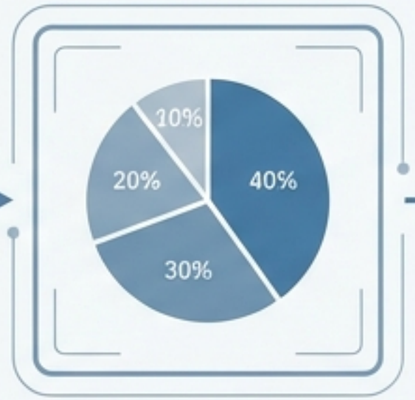
Methodology: AI and Knowledge-Driven Targeting

The Engine

Mercator’s proprietary AI tool analyzing 500+ layers of government geoscience data.

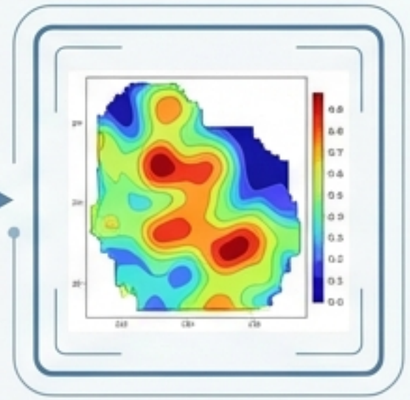
Calibration

Model trained specifically on the Strange Lake deposit signature to identify peralkaline granite systems.



Weighting Factors

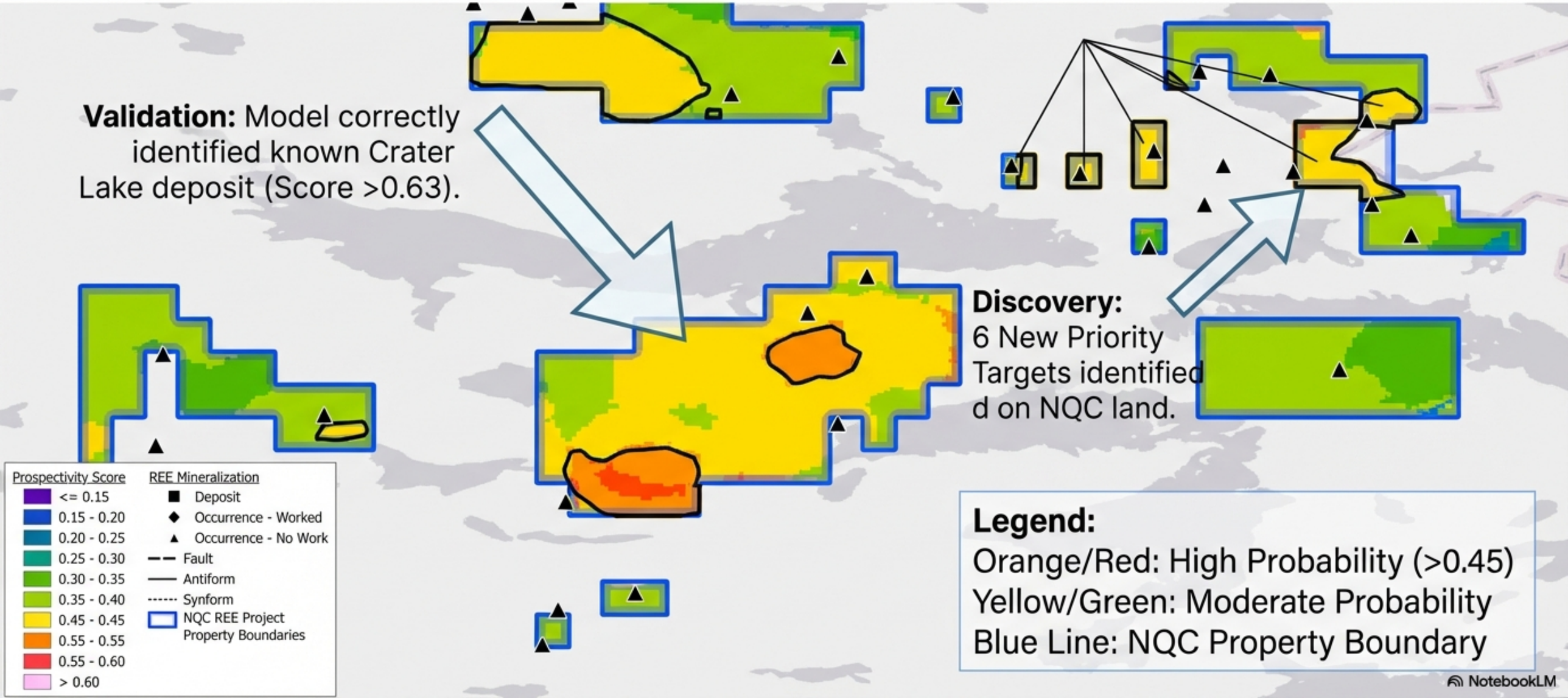
- Geochemistry (40%): Dominant predictor (REE+Y, HFSE, F)
- Lithology (30%): Peralkaline granites/syenites
- Lineaments (20%): Structural controls
- Magnetics (10%): Analytical signal



Output

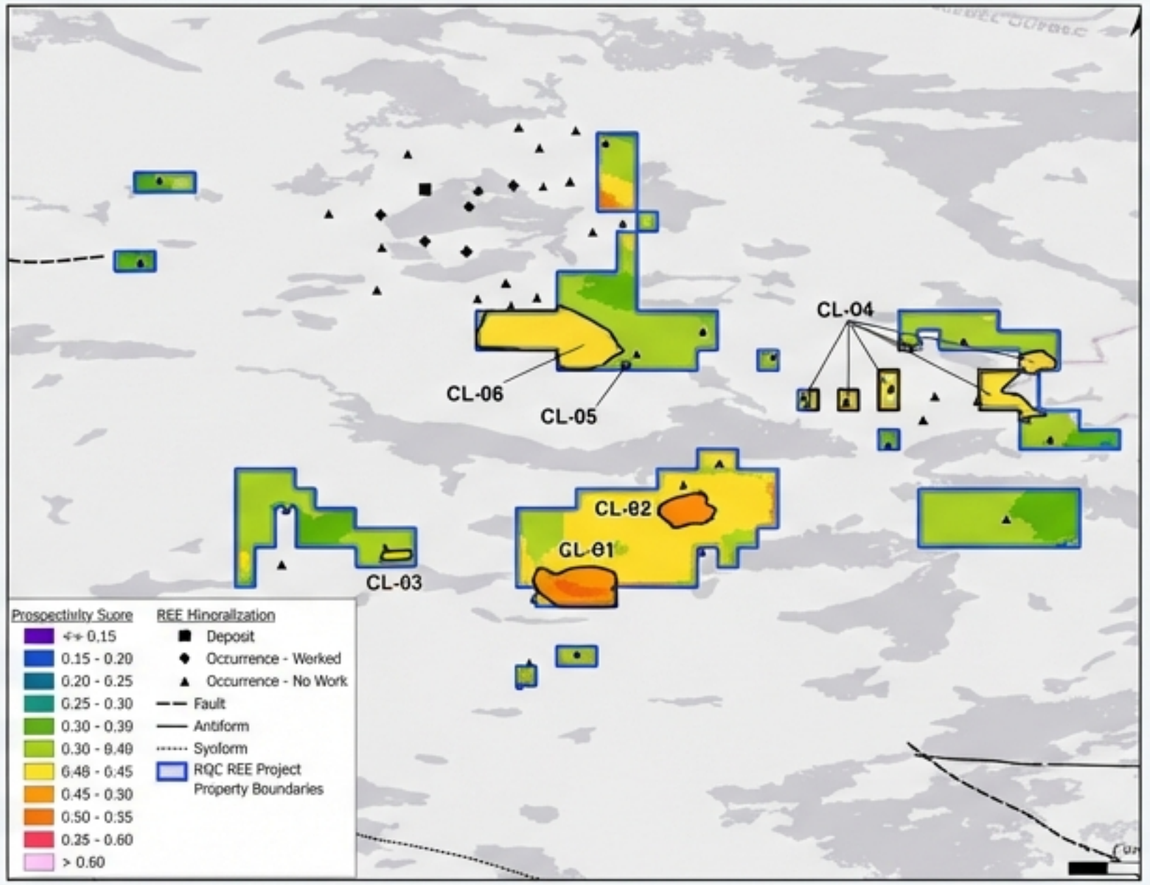
Probability score (0 to 1) indicating likelihood of mineral occurrence.

Prospectivity Results & Model Validation



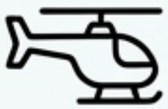
Six Priority Targets Identified for Exploration

Target CL-01 (Moyen South)	
Score:	0.48 (Highest Priority)
Drivers:	Lithology (0.88), Geochemistry (0.62)
Context:	Near Moyen South REE occurrence
Targets CL-02 to CL-06	
Score Range:	0.40 – 0.46
Drivers:	CL-05 & CL-06 heavily defined by structural lineaments.



Significance: All six targets spatially overlap with or are proximal to known REE occurrences, providing dual confirmation (AI + Historic Sampling).

Operational Logistics & Accessibility



Access

No direct road access. Exploration supported by helicopter or float plane, typical for the region.

Base of Operations

Schefferville, QC (~200 km SW) or Nain, NL (~195 km NE). Hubs for air service, fuel, and accommodation.

Field Season

Workable season extends from June to September.

Permitting

Subject to Quebec Mining Act. Works in Nunavik require notification to Kativik Regional Government (KRG).

Phase 1 Exploration: Ground Truthing

Objective: Confirm the 6 AI targets and 19 known occurrences.

Scope of Work

- Field Mapping & Sampling (2 Geologists)

- Duration: 10 days

- Helicopter-supported access from Schefferville or Nain

Estimated Budget

Helicopter Support:	$60,000
Geological Staffing & Support:	$44,000
Assays:	$5,000

Total Phase 1: $109,000 CAD

Phase 2 Exploration: Drilling & Definition

Contingent on Phase 1 success. Moving to resource definition.

Scope of Work

- Ground Geophysics (20 days) to refine structural targets

- Diamond Drilling: Initial 3,000m program

- Testing depth extensions of mineralized zones

- Core logging and detailed sampling

Estimated Budget

Diamond Drilling (3,000m):	$900,000
Helicopter Support:	$240,000
Geology, Geophysics & Support:	$180,000
Assays:	$25,000

Total Phase 2: $1,345,000 CAD

Property Details & Tenure

- **Ownership:** 100% held by NQC Resources Corp.
- **Total Claims:** 207 (199 active, 8 pending)
- **Total Area:** Approximately 10,200 hectares
- **Jurisdiction:** Northern Quebec / Labrador Border (NTS 13M05/13M04)

The Investment Thesis

- **Strategic Asset:** Located in the Mistinibi-Raude Domain, a proven district for Strange Lake-style REE deposits.
- **De-Risked Discovery:** AI modeling has successfully reproduced known deposits (Crater Lake) and pinpointed 6 new high-priority targets on NQC land.
- **High-Grade History:** Historic samples >1% REE and high Nb/Zr counts prove the system is mineralized.
- **Infrastructure Catalyst:** The proposed Torngat Metals road project could unlock the economics of this entire region.
- **Actionable Plan:** A clear, staged exploration strategy is ready for execution.