

Country-Scale Target Generation using Big Data

Jean-Marc Lulin

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Azimut Exploration

- Corporate Summary
- Key Properties
- Ideas on Big Data in Exploration
- Outlook

Corporate Summary

AZM : TSX-V

- **Azimut's core business**

Target generation using advanced data processing concurrently with partnership development

- Company founded in 1986
- 37.6M shares outstanding – never consolidated
- 43.4% insiders and institutional funds
- \$1.2M working capital, no debt

(as of November 30, 2015)

Corporate Summary

- Signing of 29 agreements in 12 years in Northern Quebec
 - 9 agreements with major companies: Rio Tinto, Goldcorp, IAMGOLD, Hecla Mining
- \$63M in exploration work to date (\$52M funded by partners)
 - Leverage effect: Partners / AZM = 4.7
- \$6.8M in cash & share payments to Azimut
- Discovery of:
 - Two new mineral provinces – Rex Trend (polymetallic) and Ungava Bay (uranium)
 - Major gold prospects in the Eleonore mining camp
 - 400 new prospects across the province

Prospects

- Copper
- Gold
- Uranium
- Polymetallic

Major results obtained by Azimut and partners since 2003

Rex Trend: Au-Ag-Te-Bi-Cu-W-Sn province with IOCG-type and intrusion-related mineral systems
Carajás type

Major prospects in the
Eléonore gold mining camp

Nantais Belt: Au, Ag, Cu, Zn

Ungava Bay uranium province
Rössing-type

500 km

Key Properties

- Eleonore gold mine area, James Bay region
- Rex-Duquet, Nunavik
- Rex South, Nunavik
- Nantais, Nunavik



Eleonore Gold Mine Area James Bay Region, Quebec, Canada

Drill hole (D)

- Collar location

Azimet and partners
grab samples

- ≥ 1 g/t Au
- 0.1 - 1 g/t Au

OPINACA D
(Azimet)

7.32 g/t Au (soil)

Charles Target
up to 35.9 g/t Au

Smiley Target
4.24 g/t Au / 1 m (D)

OPINACA A
(Azimet / Everton)

Inex Target
up to 50.9 g/t Au

Cheechoo Discovery (Sirios)

Selected drilling results from public information sources
H-12-03: 1.09 g/t Au over 56 m
H-13-10: 4.10 g/t Au over 5.6 m and 1.45 g/t Au over 29.4 m
H-13-12: 1.80 g/t Au over 34.0 m and 4.70 g/t Au over 7.5 m
H-14-15: 1.16 g/t Au over 9.0 m
H-14-17: 6.91 g/t Au over 6.5 m and 1.11 g/t Au over 18.0 m
H-14-18: 1.53 g/t Au over 19.5 m and 2.02 g/t Au over 33.5 m
H-15-20: 15.61 g/t Au over 9.70 m and 15.04 g/t Au over 12.35 m
H-15-24: 4.18 g/t Au over 20.0 m
H-15-26: 1.00 g/t Au over 33.0 m
H-15-28: 2.96 g/t Au over 31.5 m

ELEONORE MINE (Goldcorp)

Surface projection

Proven and probable reserves:

5.35 Moz Au @ 5.87 g/t Au

Measured and indicated resources:

0.81 Moz @ 5.49 g/t Au

Inferred resources:

2.28 Moz Au @ 7.11 g/t Au

(as of December 31, 2015)

See Fig. 2: Close-up
Eleonore Deposit footprint

JT Target

1.5 g/t Au / 5.7 m (D)
5.33 g/t Au / 8 m (channel)
1.5 g/t Au / 16 m (channel)

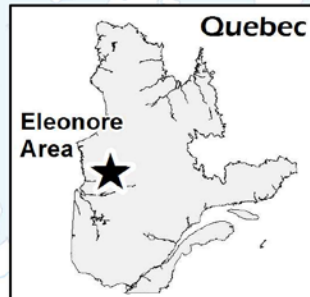
See Fig. 2: Close-up
Eleonore South
footprint

Claude Target
0.22 g/t Au / 187 m
incl. 1 g/t Au / 21.5 m (D)

ELEONORE SOUTH
(Azimet / Goldcorp / Eastmain)

OPINACA B
(Azimet / Everton / Hecla Option)

10 km

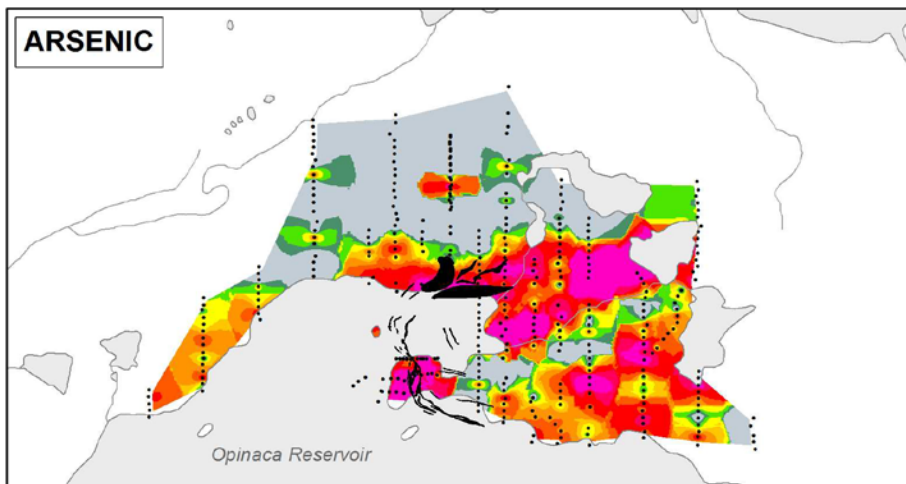
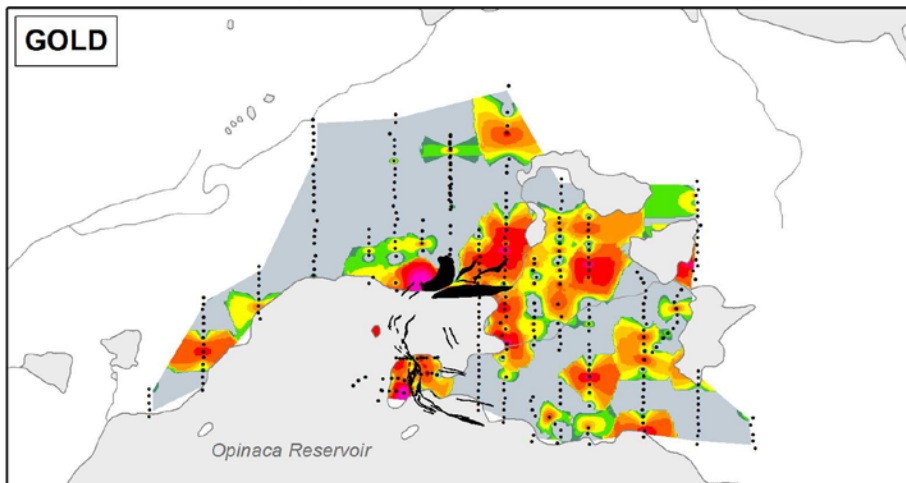


76°20'W

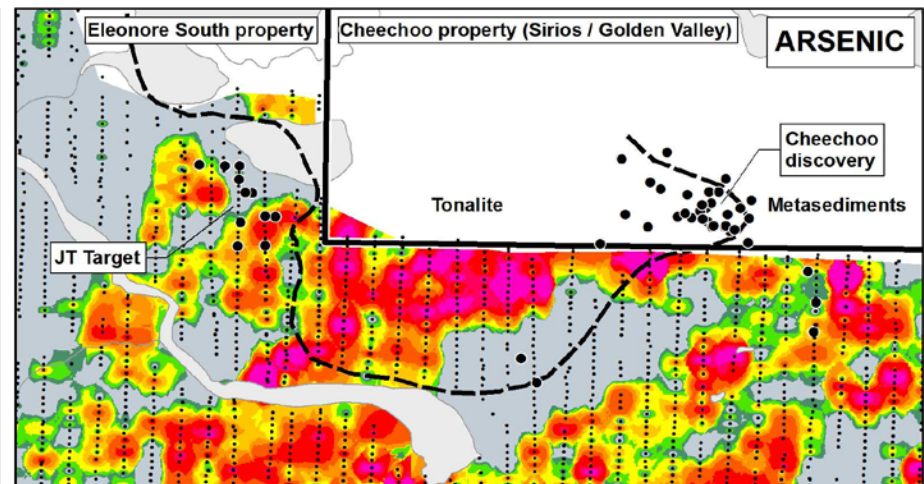
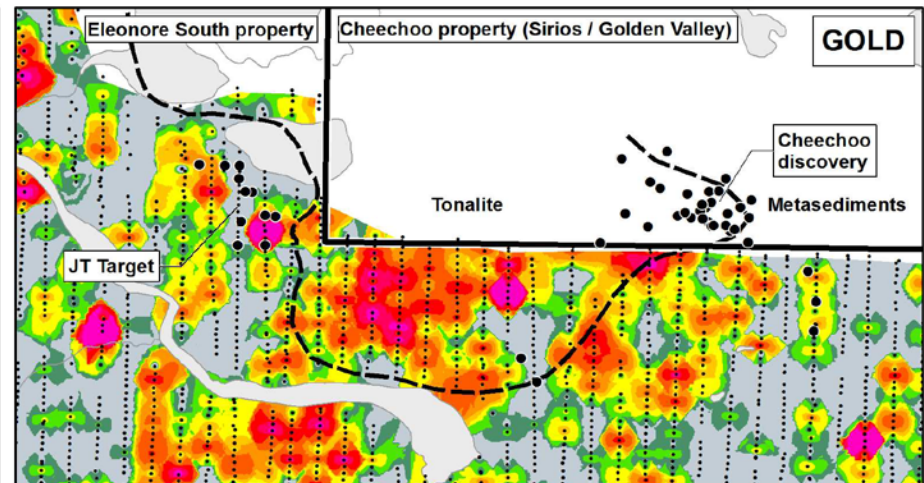
75°50'W



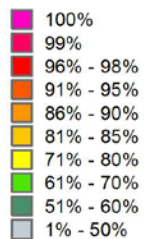
Eleonore Deposit Soil Geochemical Footprint



Eleonore South Soil Geochemical Footprint



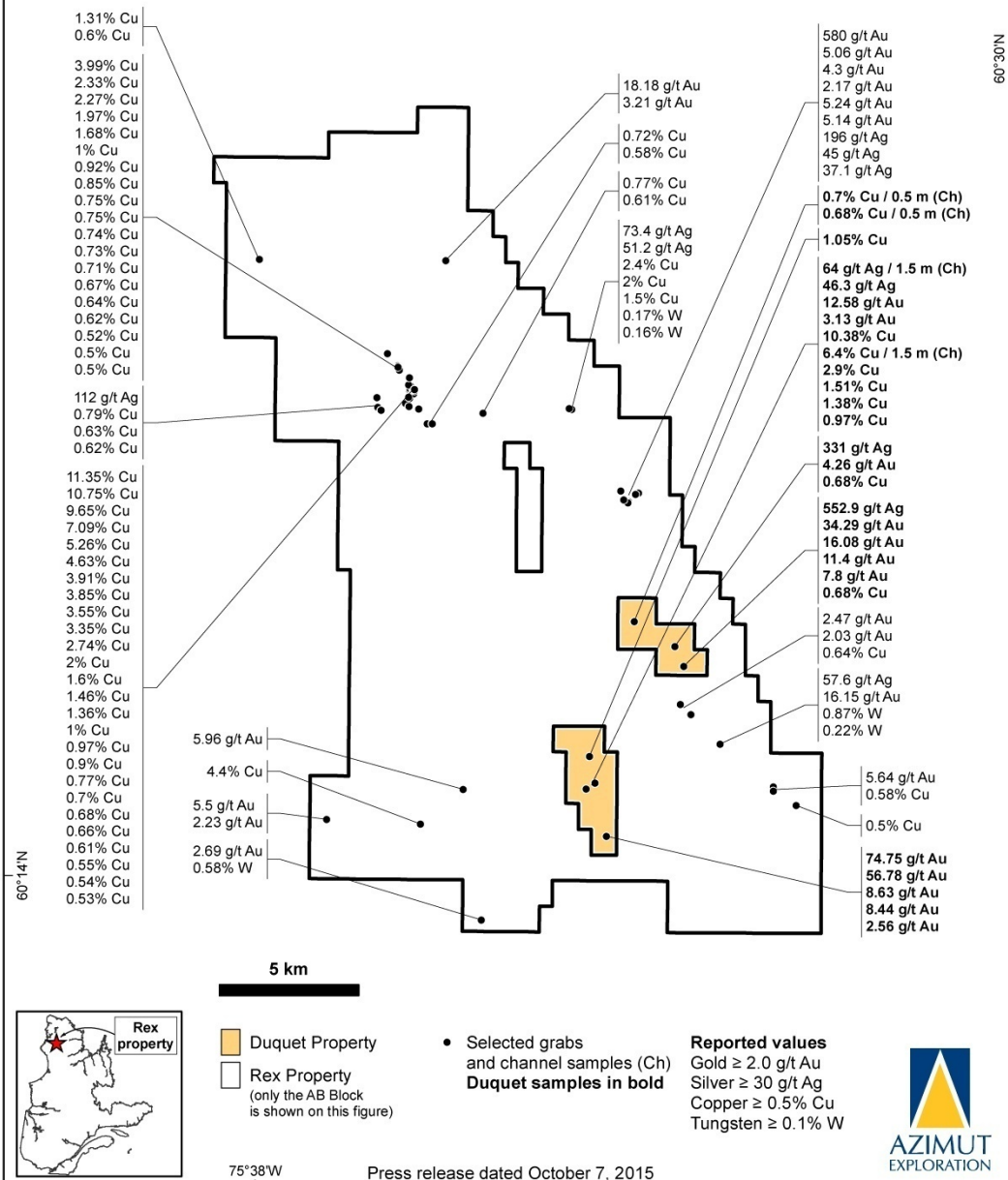
Percentile range



- Sampling point (soil)
Eleonore and Eleonore South properties
combined processing (8,315 samples)
- Drilling hole collar location
- - - Tonalite / metasediments contact
- Eleonore deposit (Goldcorp)
Surface projection

1 km

Rex and Duquet Properties Nunavik, Québec



Rex & Duquet

Au, Ag, Cu

- 30-km-long prospective trend with high-grade prospects
- Duquet transferred to Azimut at no cost
- Total of 2.25% NSR granted to Osisko, Newmont, SOQUEM

Rex South Property, Nunavik, Québec, Canada

Gold, Silver

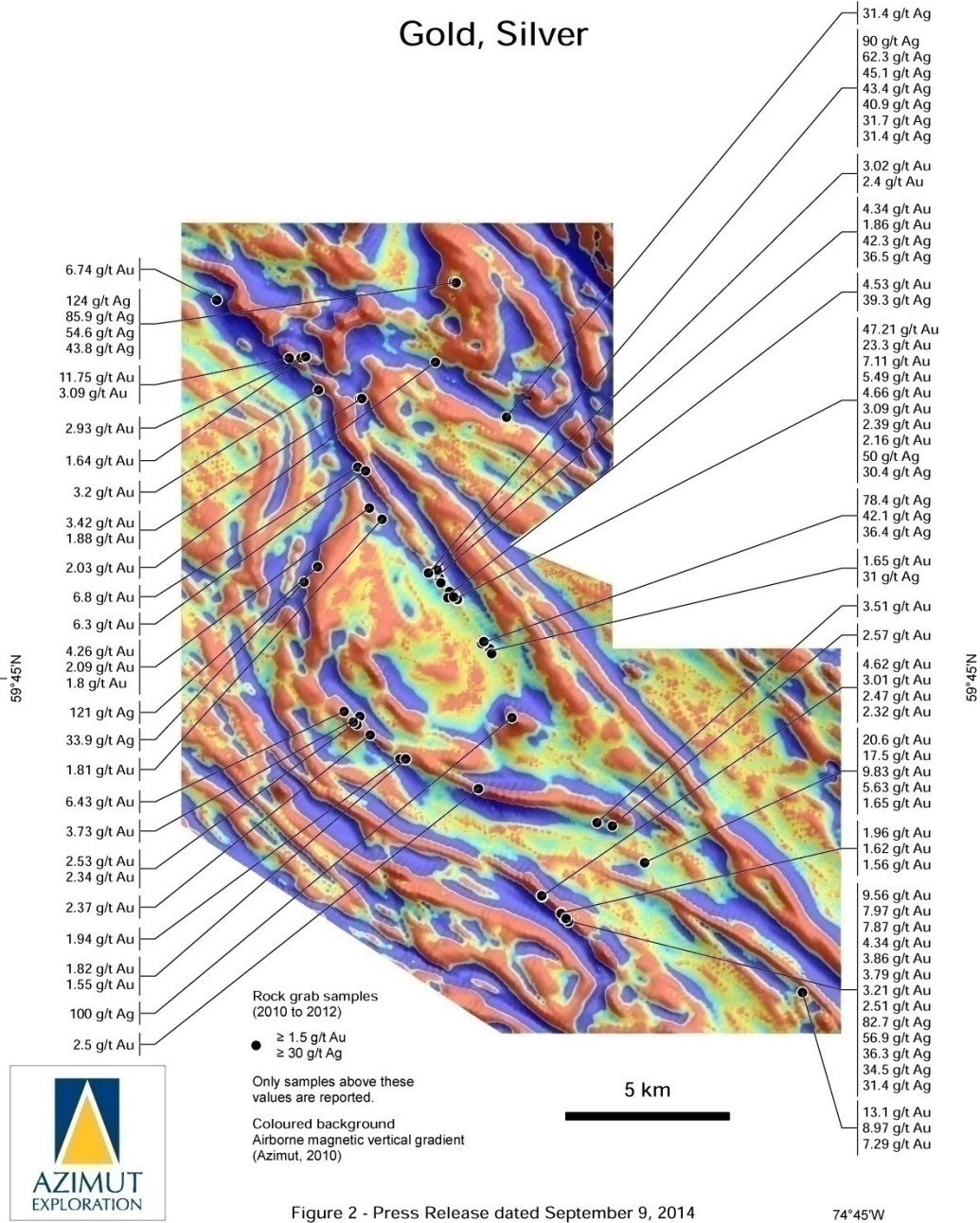


Figure 2 - Press Release dated September 9, 2014

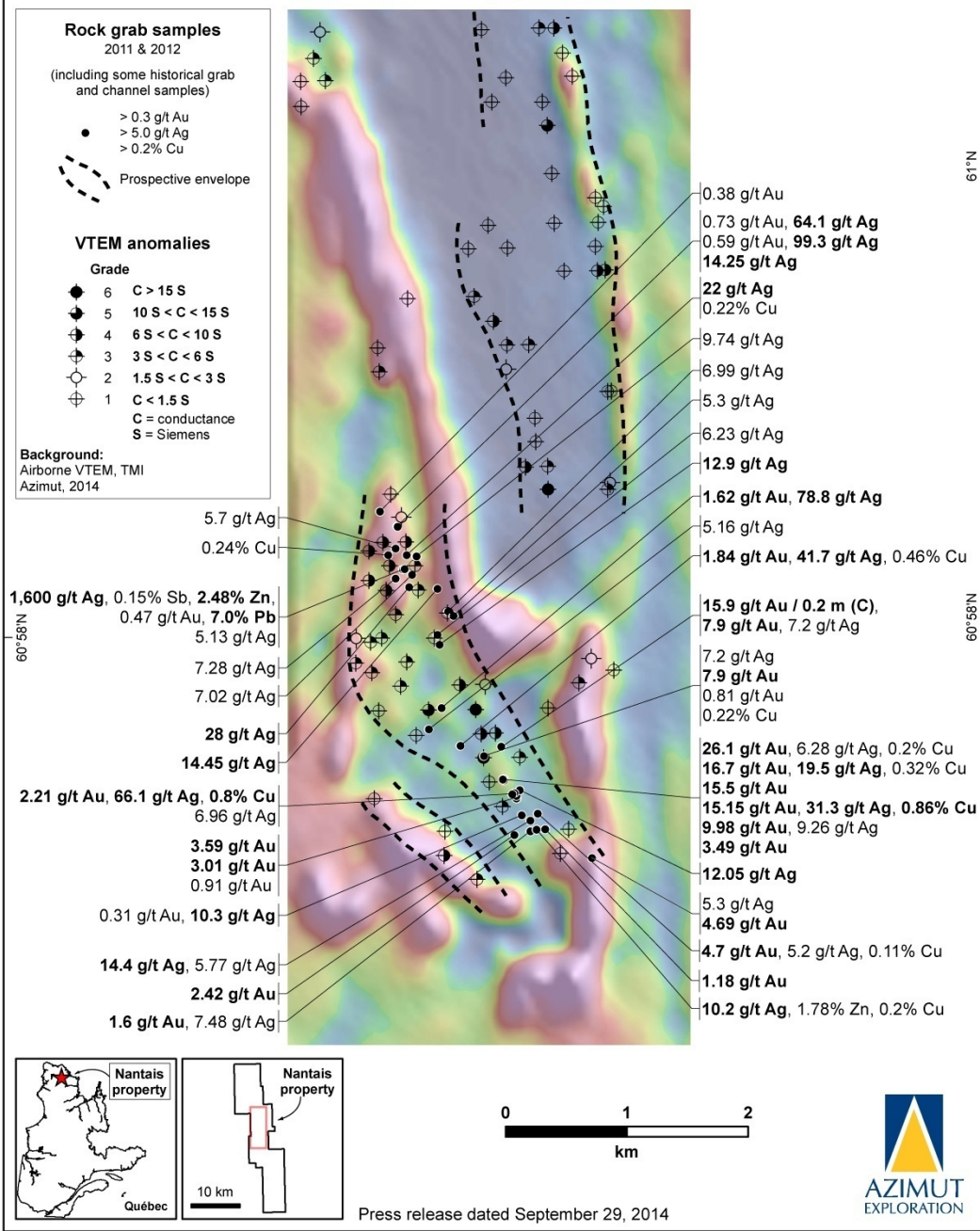
Rex South

Au, Ag, Te, Cu, Bi, W, Sn

- 30 km by 10 km intrusive complex
- 18 mineralized zones & prospects delineating a cumulative prospective length of 57 km

Nantais Property, Nunavik, Québec

73°34'W



Nantais

Au-Ag-Cu-Zn

- 3 km x 200 m mineralized corridor
- 18-km cumulative length of airborne EM anomalies
- 20-km-long highly prospective greenstone belt

Big Data in Exploration

At the core of the Company's activities since 2003

- 1) Fundamental belief that great value lies in unexploited large-scale geoscience databases
- 2) Knowledge too often drowned in noise
- 3) Traditional exploration still largely empirical with low success rates
- 4) Large-scale multi-parameter processing seen as a powerful edge to reduce the exploration risk at a very early stage
- 5) Quebec recognized as having one of the best digital databases worldwide – consistent, reliable, accessible



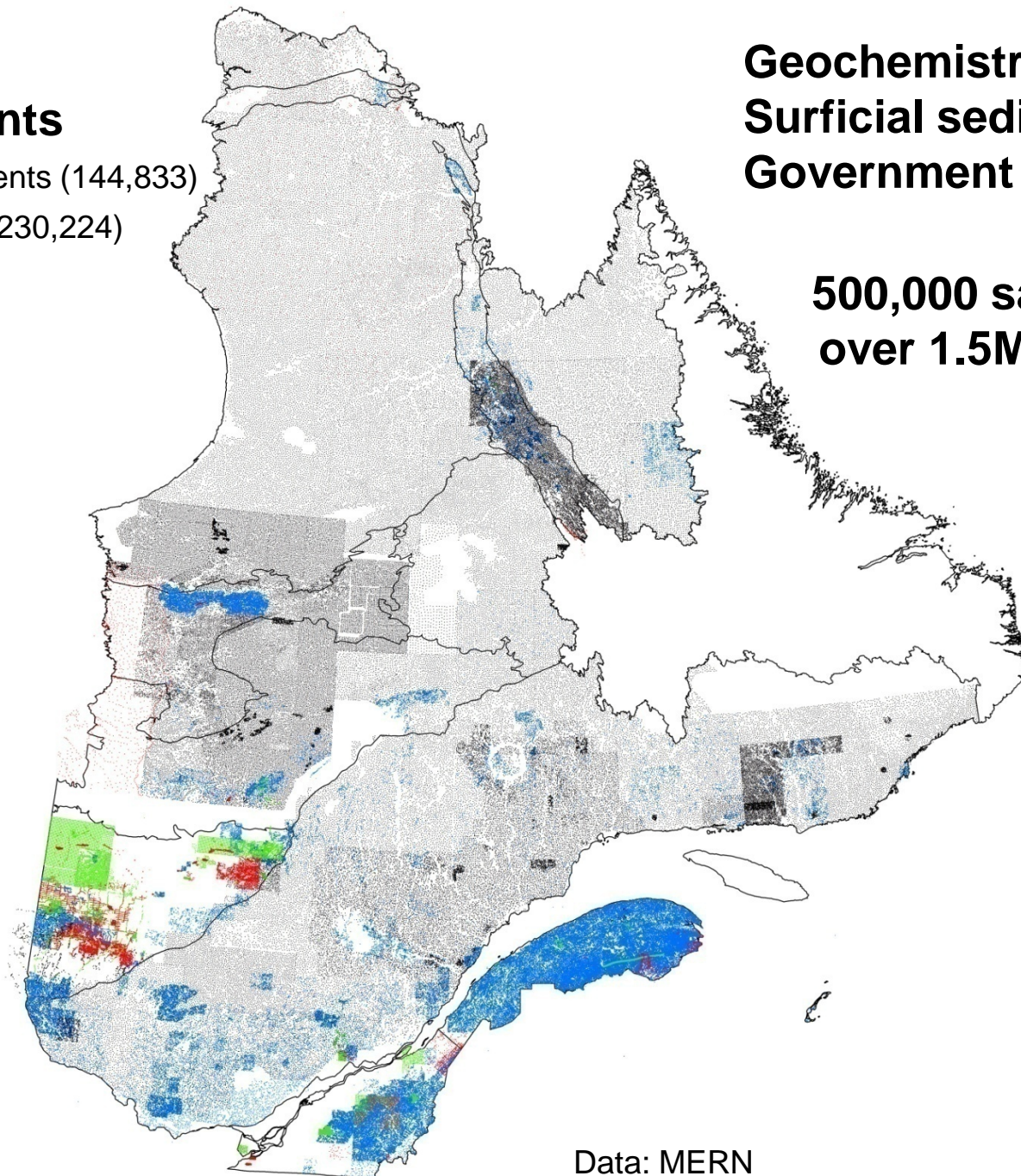
Sampling points

- Lake-bottom sediments (144,833)
- Stream sediments (230,224)
- Soils (75,845)
- Tills (41,041)

Geochemistry
Surficial sediments
Government surveys

500,000 samples
over 1.5M km²

500
km

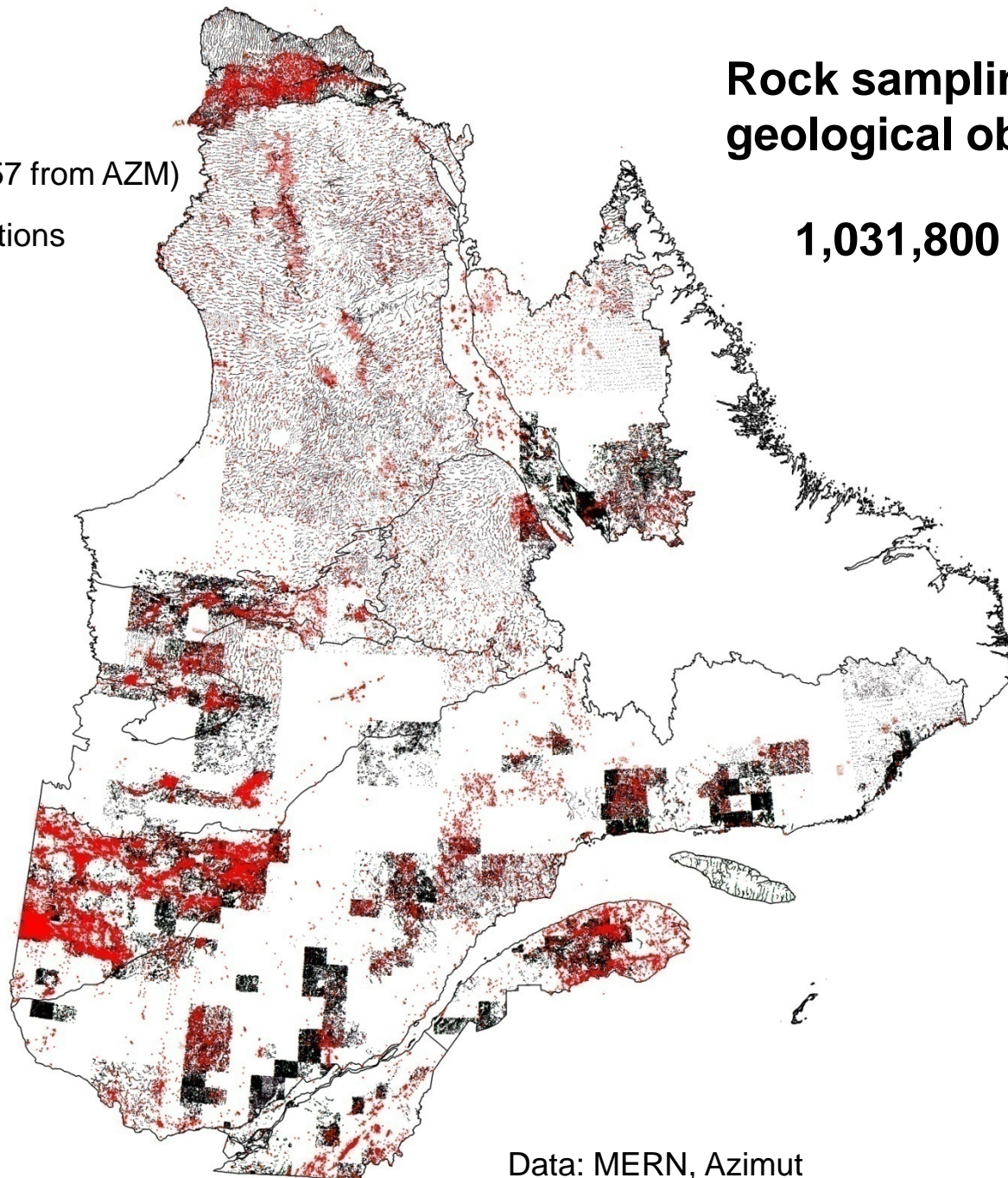


Data: MERN
Processing: Azimut

- Rock samples
(299,773 incl. 23,257 from AZM)
- Geological observations
(731,991)

Rock sampling & geological observations

1,031,800 points



500

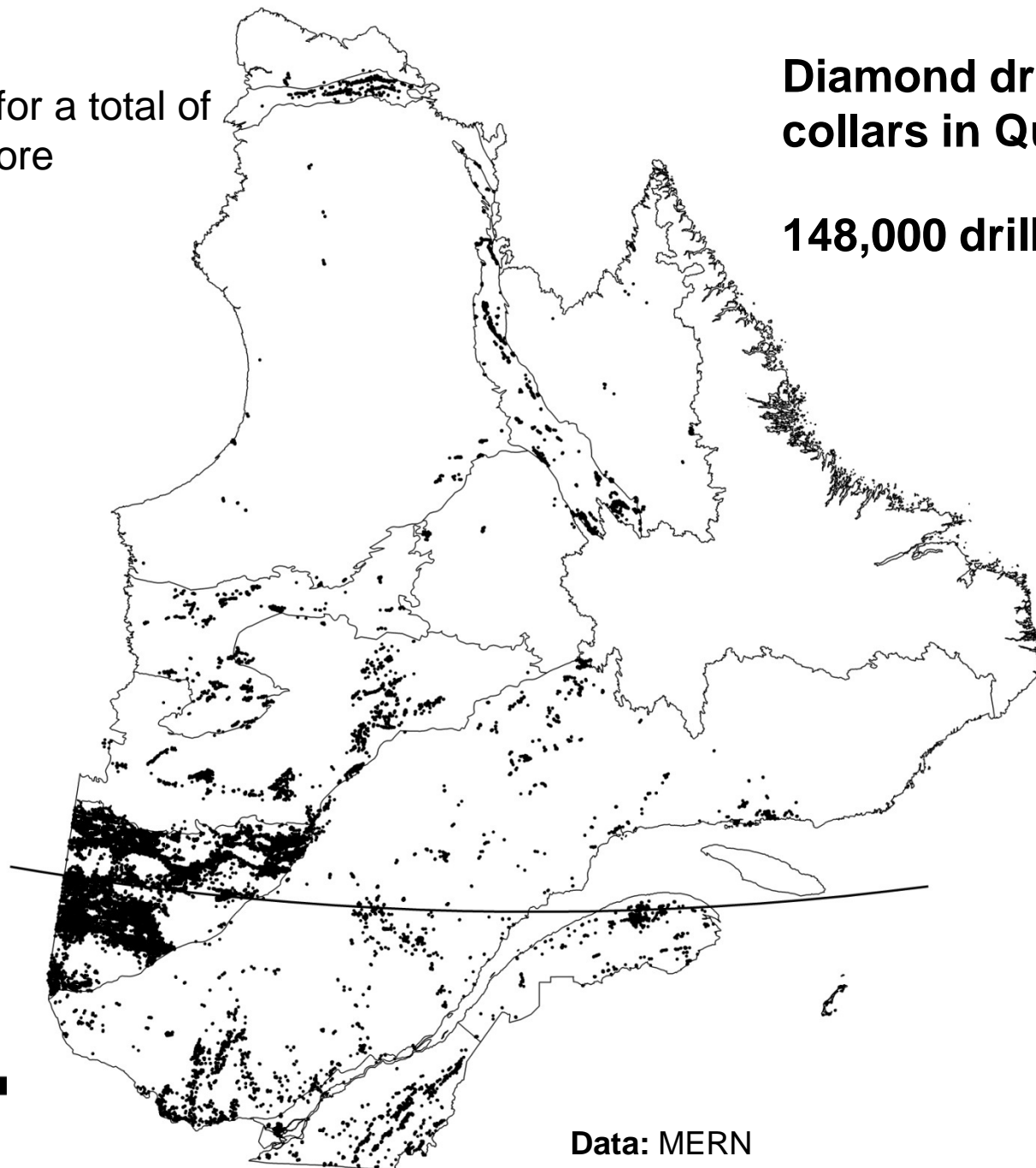
km

Data: MERN, Azimut
Processing: Azimut

147,506 holes for a total of
24,280 km of core

**Diamond drill hole
collars in Quebec**

148,000 drill holes



500

km

Data: MERN
Processing: Azimut

Big Data in Exploration

Azimut performs systematic country-scale mineral potential analyses over areas of 1,000,000 km² or more:

- In-house tools designed to process very-large multi-parameter databases
- Quebec: **87.5 million pixels**; cell size: 200 m by 200 m; up to 70 parameters per pixel; **500 GB** database size
- Statistical data analysis to determine the footprint of already known mineral deposits and identify comparable unexplored footprints that may represent new targets
- **Data-driven**, **no** interpreted data, **no** patchy data, **no** parameter weighting
- Conversion into discovery-probability maps; field programs have provided **extensive subsequent follow-up validation** (ex: uranium, next slide)
- Approach is applicable worldwide, wherever the right database exists



**BEFORE
PROSPECTING
(2005)**

**AFTER
(2006-2009)**

**URANIUM
PREDICTIVE
MODELLING
(Nunavik)**

★ > 0.05% U_3O_8
up to 3.3% U_3O_8

Favorability scale

- Very high
- High
- Low
- No Data

25 km

✓ 12 mineralized zones
totalling 17 km
✓ > 100 prospects



Outlook

● Business

- Apply expertise through country-scale targeting agreements; Azimut keeps royalty interests
- Advance existing properties with partners; on property deals, partners can earn interest of 50% to 75%
- Advance new projects in Azimut's Quebec-scale bank of targets

● Corporate

- Maintain a tight share structure and rigorous financial discipline

● Technical

- Continue developing innovative in-house processing tools

Outlook

- **Big Data processing in Quebec seen as a benchmark**
- **Approach is applicable worldwide**
- **Low-risk, low-cost, high-return strategy**

Thank you !

