Country-Scale Target Generation using Big Data

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Azimut Exploration

- Corporate Summary
- Key Properties
- Ideas on Big Data in Exploration
- Outlook
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
Major results obtained by Azimut and partners since 2003

- **Copper**
- **Gold**
- **Uranium**
- **Polymetallic**

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

**Carajás type**

**Nantais Belt**: Au, Ag, Cu, Zn

**Ungava Bay uranium province Rössing-type**}

Major prospects in the Eléonore gold mining camp

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

Azimuth and partners
grab samples

- ≥ 1 g/t Au
- 0.1 - 1 g/t Au

Charles Target
up to 35.9 g/t Au

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

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 8.0 m
H-14-17: 6.91 g/t Au over 6.5 m and
1.31 g/t Au over 15.0 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
15.04 g/t Au over 12.35 m and
H-15-24: 4.16 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)

10 km
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

- 30 km by 10 km intrusive complex
- 18 mineralized zones & prospects delineating a cumulative prospective length of 57 km
AZIMUT
Nantais Property, Nunavik, Québec

- Rock grab samples 2011 & 2012
  (including some historical grab and channel samples)
  - > 0.3 g/t Au
  - > 5.0 g/t Ag
  - > 0.2% Cu

- Prospective envelope

- VTEm anomalies
  - Grade
    - 6 C > 15 S
    - 5 10 S < C < 15 S
    - 4 6 S < C < 10 S
    - 3 3 S < C < 6 S
    - 2 1.5 S < C < 3 S
    - 1 C < 1.5 S
  - C = conductance
  - S = Siemens

- Background:
  - Airborne VTEM, TMI
  - Azimut, 2014

- 1,600 g/t Ag, 0.15% Sb, 2.48% Zn,
  0.47 g/t Au, 7.0% Pb,
  5.13 g/t Ag,
  7.28 g/t Ag,
  7.02 g/t Ag,
  28 g/t Ag,
  14.45 g/t Ag,
  2.21 g/t Au, 66.1 g/t Ag, 0.8% Cu,
  6.96 g/t Ag,
  3.59 g/t Au,
  3.01 g/t Au,
  0.91 g/t Au,
  0.31 g/t Au, 10.3 g/t Ag,
  14.4 g/t Ag, 5.77 g/t Ag,
  2.42 g/t Au,
  1.6 g/t Au, 7.48 g/t Ag,
  0.38 g/t Au,
  0.73 g/t Au, 64.1 g/t Ag,
  0.59 g/t Au, 99.3 g/t Ag,
  14.25 g/t Ag,
  22 g/t Ag,
  0.22% Cu,
  9.74 g/t Ag,
  6.99 g/t Ag,
  5.3 g/t Ag,
  6.23 g/t Ag,
  12.9 g/t Ag,
  1.62 g/t Au, 78.8 g/t Ag,
  5.16 g/t Ag,
  1.84 g/t Au, 41.7 g/t Ag, 0.46% Cu

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

Press release dated September 29, 2014
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

Data: MERN
Processing: Azimut
Rock sampling & geological observations

1,031,800 points

- Rock samples
  (299,773 incl. 23,257 from AZM)

- Geological observations
  (731,991)

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

Data: MERN
Processing: Azimut
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% U₃O₈ up to 3.3% U₃O₈
- 12 mineralized zones totalling 17 km
- > 100 prospects

25 km
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!