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# METEORIC RESOURCES

Canadian Cobalt & Polymetallic explorer

ASX: MEI





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## Competent Person Statement

The information in this presentation that relates to the Midrim/Laforce, Iron Mask and Mulligan Projects is based on information compiled and fairly represented by Mr Jonathan King, who is a Member of the Australian Institute of Geoscientists and a consultant to Meteoric Resources Limited. Mr King, a fulltime employee of Collective Prosperity Pty Ltd, has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr King consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

# Project Overview



## **MIDRIM AND LA FORCE** Quebec, Canada - Polymetallic

- 46,000m core; only partially assayed
- 36 drill-ready targets identified by Falconbridge
- AUD\$20M+ of historical exploration work obtained
- Significant drill results (Midrim):
  - MR00-05, **37.93m** at **2.07% Cu, 1.98% Ni, 2.79 g/t PGE/Au** from 28.22m
    - Including **10.25m** at **2.88% Cu, 3.52% Ni, 4.18 g/t PGE/Au** from 40.65m
  - MR00-01, **19.69m** at **2.99% Cu, 1.85% Ni, 3.22 g/t PGE/Au** from 15.50m

## **IRON MASK** Ontario, Canada - Cobalt

- 500m from "Iron Mask Shaft" (historical production averaging 15% Co and 255g/t Ag)
- Mineralisation identified to trend southwest into Iron Mark tenements

## **MULLIGAN** Ontario, Canada - Cobalt

- 8-tonne bulk sample average grade of 10% Co
- Grab samples yielded up to 12.6% Co, 39.7 g/t Ag, 1.03% Ni and 29.8 g/t Au
- Contains 8 parallel polymetallic veins 16 meters apart with 150m strike length



# Corporate Snapshot



## Shastri Ramnath – Technical Director (Commencing 1 October 2017)

Throughout her 20 years in the exploration and mining industry, Shastri has gained extensive international experience, working on projects in Canada, the United States (Nevada), South America (Chile, Ecuador & Peru) and Africa (Guinea, Burkina Faso, Zambia, Namibia & South Africa). Shastri's experience includes working with Falconbridge Limited in Winnipeg - Manitoba, FNX Mining (now KGHM International) in Sudbury - Ontario, and as the President and Managing Director of Bridgeport Ventures (TSX listed junior exploration company).

## Graeme Clatworthy – Executive Director

Mr Clatworthy accumulated over 28 years in the stock broking industry commencing in 1987. Over this period he gained a vast knowledge of the Australian Capital markets. Graeme has previously had several Public company directorships listed on the ASX. Graeme has a Bachelor of Business degree majoring in Accounting and Finance.

## Neville Bassett – Non-Executive Director

Mr Bassett is a Chartered Accountant operating his own corporate consulting business, specialising in the area of corporate, financial and management advisory services. Mr Bassett consults to a number of publicly listed companies and private company groups in a diversity of industry sectors.

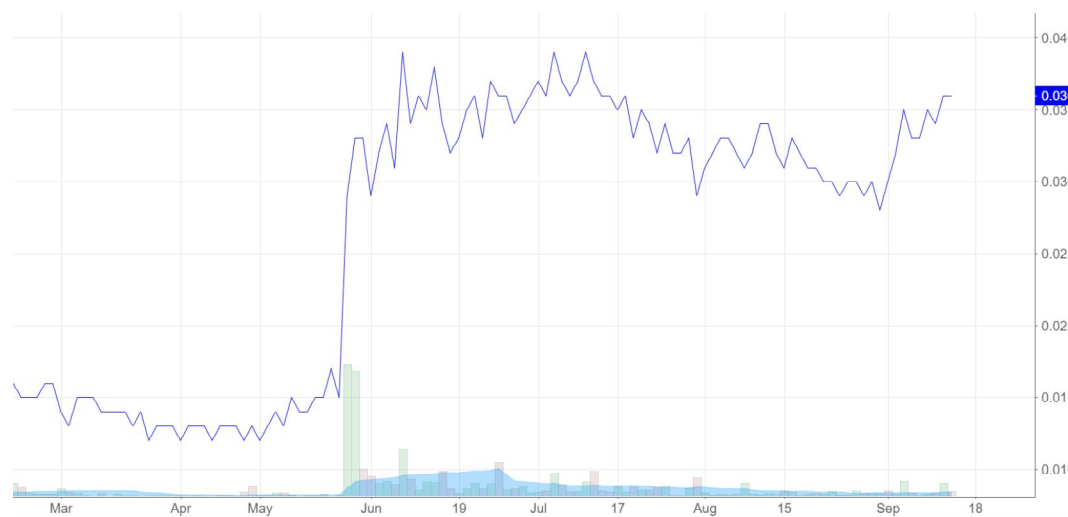
## George Sakalidis – Executive Director

Mr Sakalidis is an exploration geophysicist with over 30 years' industry experience, during which time his career has included extensive gold, diamond, base metals and mineral sands exploration

## Max Nind – Exploration Manager

Mr Nind is an experienced exploration geologist, having held several senior exploration positions within small to large cap ASX listed companies; as well as major private companies; including Nevada Iron, Sinosteel Australia and Western Mining Corporation.

## YTD Share Price



## Post Acquisition Capital Structure

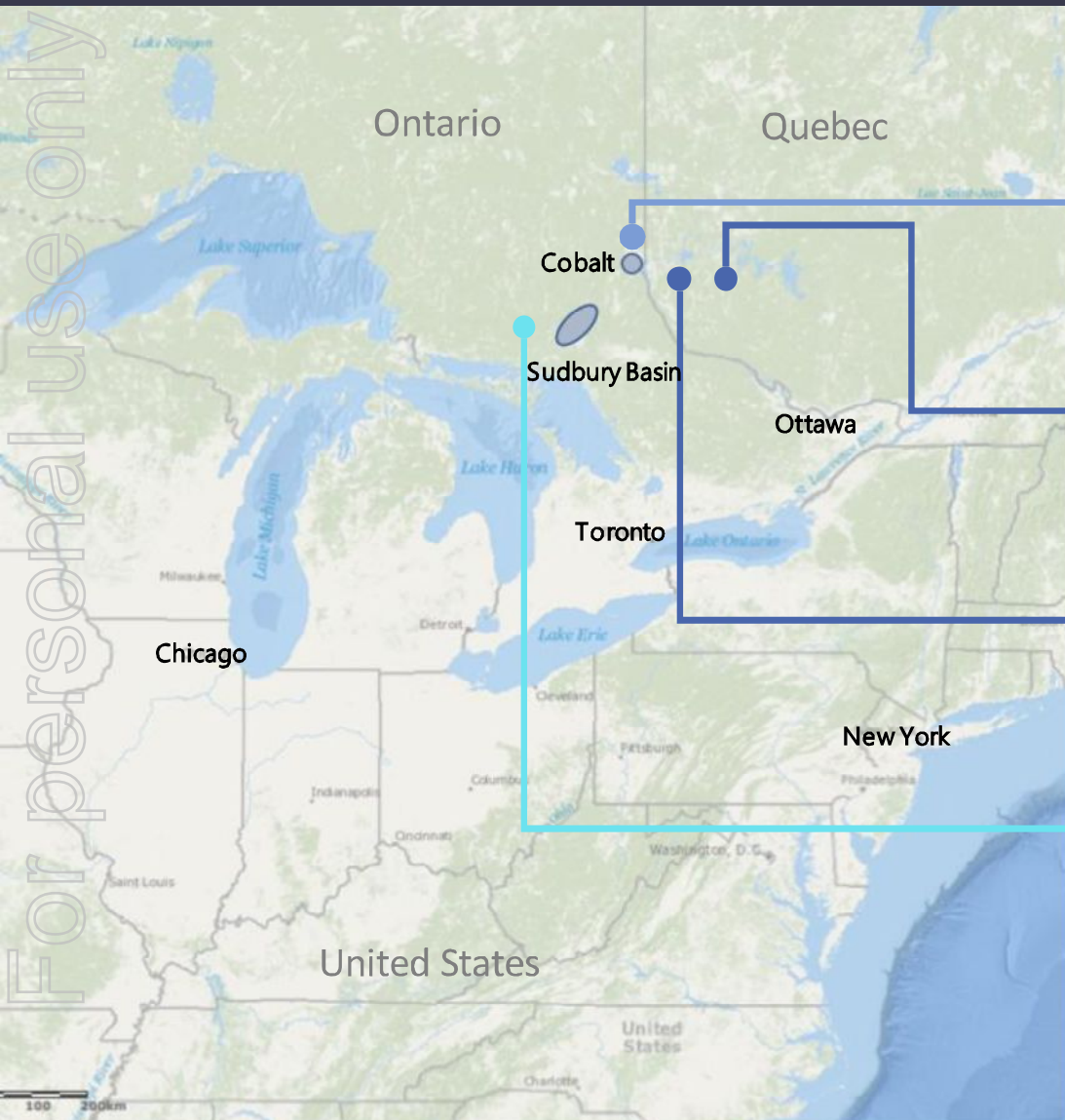
Market Cap at 4.1c (25/09/2017)	\$18.91 M
Shares on Issue (25/09/2017)	461,227,190
Options on Issue (25/09/2017)	17,150,000
Current Cash (30/08/2017)	\$1.3 M

## Significant Shareholders

Tolga Kumova	6.75%
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# Project Locations



## MULLIGAN

High-grade Cobalt and Silver Targets



## LA FORCE

Polymetallic: Cu-Ni-Co-PGM



## MIDRIM

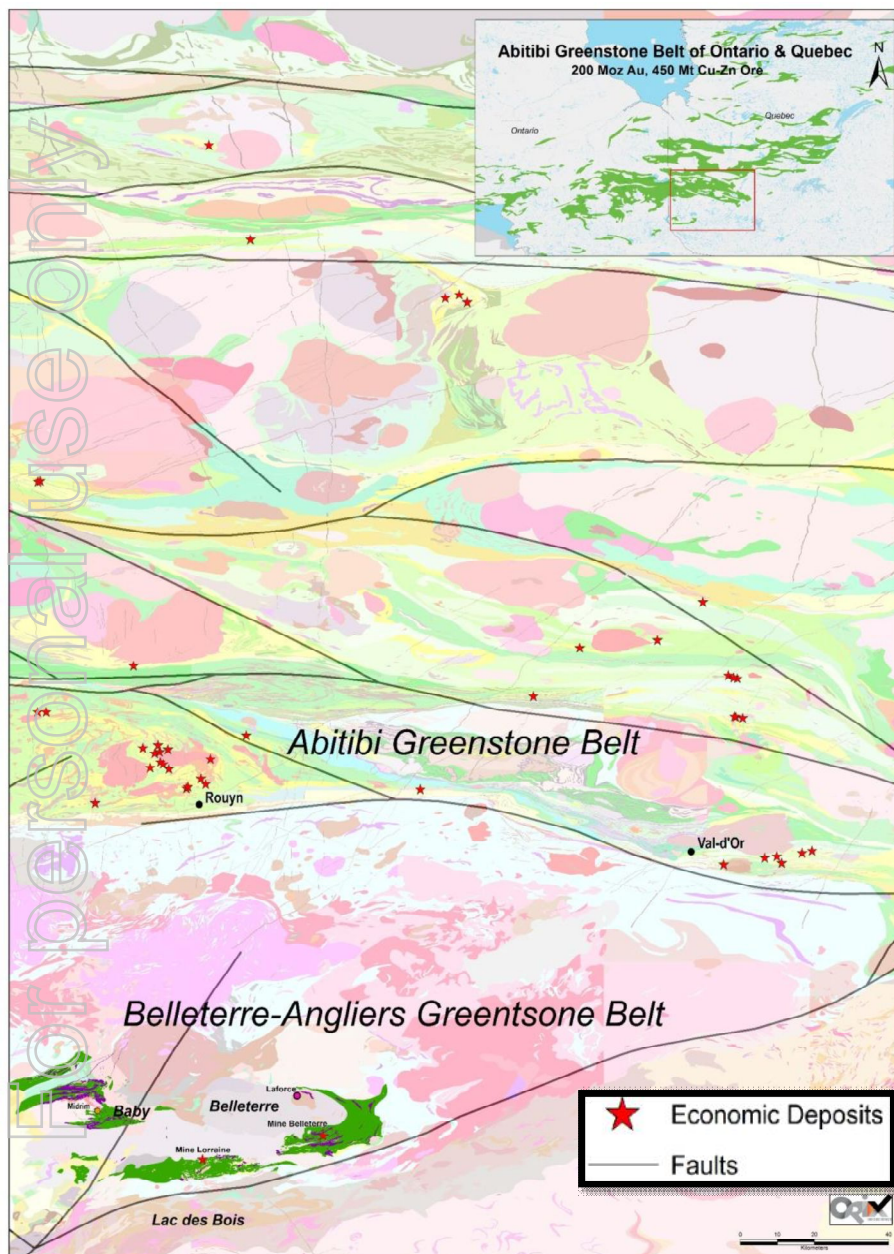
Polymetallic: Cu-Ni-Co-PGM



## IRON MASK

Cobalt and Bismuth Targets

**Belleterre-Angliers  
Greenstone Belt**



# Polymetallic Projects

## BELLETERRE ANGLIERS GREENSTONE BELT (BAG), QUEBEC - MIDRIM & LA FORCE

### OVERVIEW

- 100% interest in 2 BAG hosted Polymetallic projects **Midrim & LaForce**
- Largest regional landholder (118km<sup>2</sup>) includes historical **Belleterre gold mine (1.1 Moz)** and **Lorraine Copper/Nickel mine** (produced 14.28Mlb Cu and 6.34Mlb Ni)
- Numerous Cu-Ni Polymetallic deposits identified in the greater BAG region, with 2 known occurrences within Meteoric Resources' claims
- Meteoric acquired AUD\$20M+ of historical technical information providing multi-year project advancement

Over \$350 billion worth of metal has been extracted from the Abitibi Greenstone belt through the production of over 200 Moz gold and 450MT copper zinc ore



## Regional Geology

### OVERVIEW

- 600km N of Toronto & 25-60km E of Ontario-Quebec border
- BAG has been disrupted into three separate fragments **the Baby, Lac de Bois and Belleterre segments**
- BAG is surrounded by metasedimentary rocks; interpreted as a large nappe up to 6km thick in the Baby segment.
- The region is host to a swarm of shallow mineralized **gabbro sills** intruded in an island arc environment
- Mineralisation within **gabbroic sills**: disseminated sulphides in the upper part grading to **massive sulphide** accumulations on the basal contact.
- In addition to Cu, Ni and PGE native gold has also been identified in the sulphides from a petrological study of the drill core

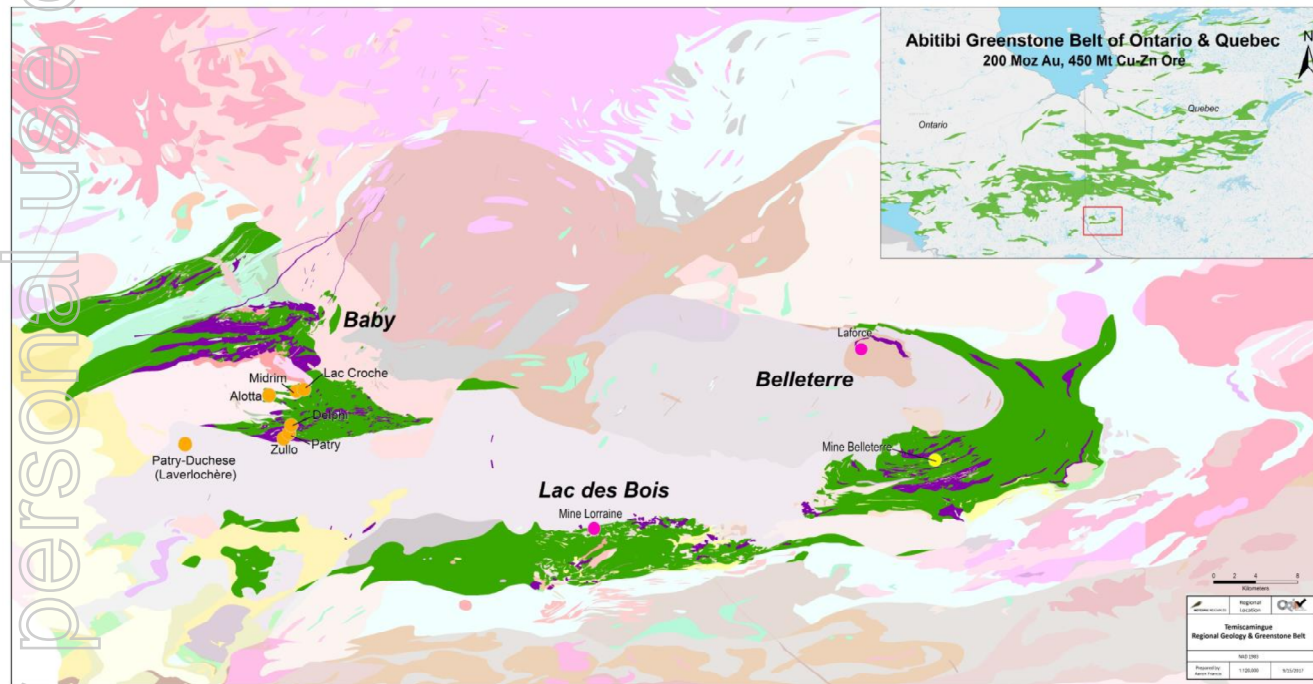


Figure 1.  
Temiscamingue Regional  
Geology Belleterre – Angliers  
Greenstone Belt

Greenstone Belt Lithology  
Mafic Volcanics  
Gabbro

Metallic Mineral Deposit  
Ni, Cu ± PGEs ± Co  
Cu ± Ni ± PGEs

Au

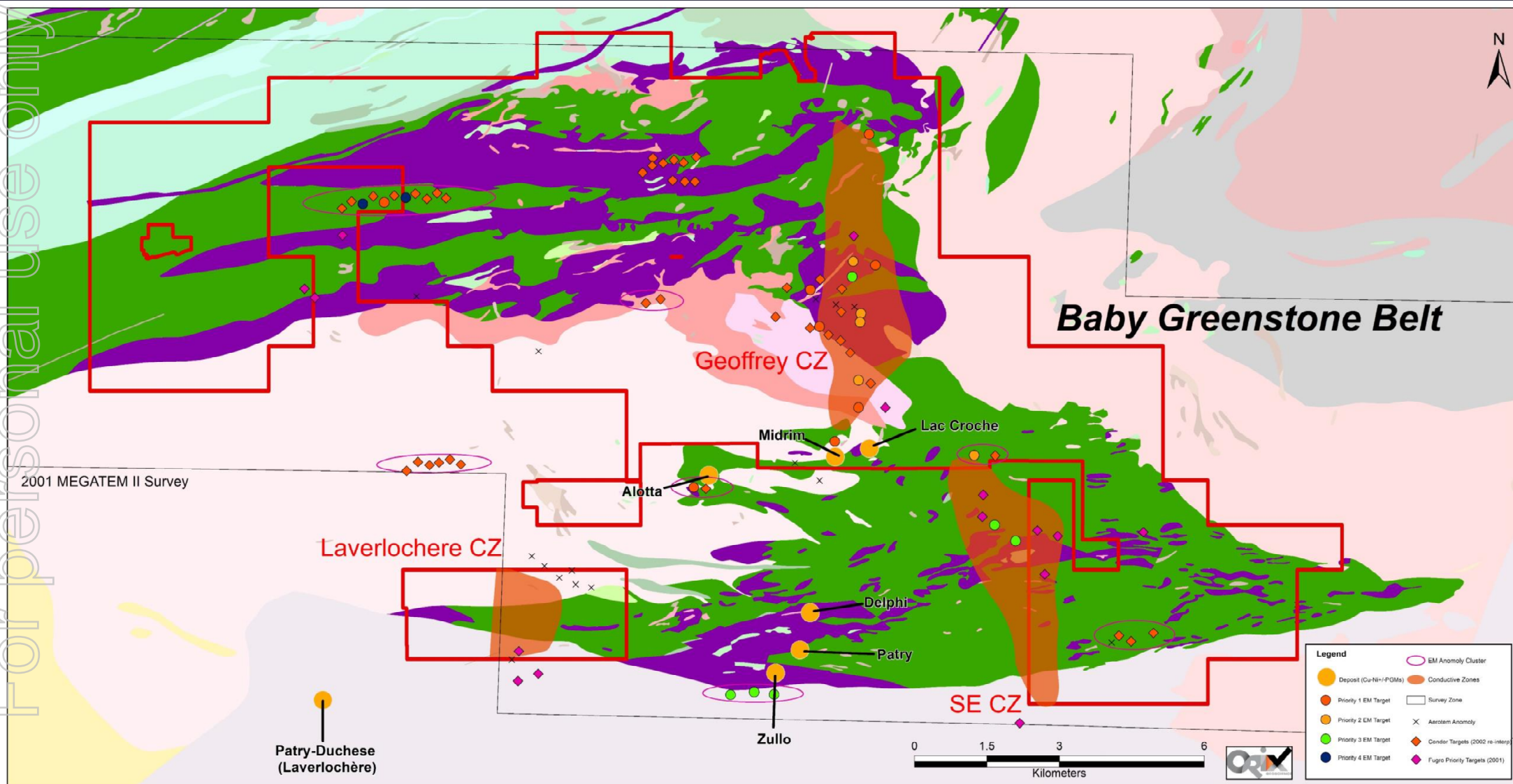




## Extensive regional data acquired

- AIRBORNE EM SURVEYS – 4 CHANNEL
  - Fugro 2001 – MEGATEM - Baby Segment
  - Geotech 2004 – VTEM - La Force project
- AIRBORNE MAGNETIC
  - 4 Surveys (2001, 2002, 2004 x 2) - complete coverage of all project areas
  - Conducted by Aeroquest, Terrequest, Fugro and Geotech
- GROUND-BASED EM SURVEYS
  - Aurora 2005 - Belleterre Segment
  - Lamontagne 2003 - Ground HLEM - **Geoffrey anomaly**
- GROUND INDUCED POLARISATION
  - Belanger Geophysics 1999 - **Blondeau target** - Belleterre Segment
  - Soil/rock chip geochemistry
  - Aurora Platinum 2001-2004 (9 programs) - Belleterre & Baby Segments
  - Hinterland 2002 - Belleterre Segment
- MULTI-ELEMENT DRILL DATABASE
  - Including assays and downhole surveys for numerous drill programs

# Belleterre Angliers Greenstone Belt – EM Anomalies





## Regional Polymetallic Play

MIDRIM / LA FORCE

- **36 Targets Identified**

The Midrim and La Force properties are two of several drill proven Gabbro Sills, each of these forms as one of **36 airborne electromagnetic** conductors Falconbridge identified from a 2001 MEGATEM survey over a segment of the BAG

- **80% Hit Rate**

6 of the identified electromagnetic conductors have been tested with 5 (or **>80% hit rate**) containing economic intersections of nickel and copper.

- **Large Underlying Metal Sulphide Source**

Within the BAG there are numerous Ni-Cu±PGE sulphide occurrences hosted within Gabbro Sills. It is interpreted that the Geoffrey Anomaly, which forms as a deep, flat lying electromagnetic conductor, **to the swarm of mineralised Gabbroic Sills, measuring 4km x 1km**

- **Falconbridge Targeted Numerous 3-5Mt Polymetallic Deposits**

Falconbridge recognised the resulting potential by stating the area had "**Excellent prospect for several 3-5mt** high grade (1.5% Ni, >1% Cu and >2 g/t PGE) semi-massive sulphide Gabbro Sills close to surface within a small area"<sup>1</sup>

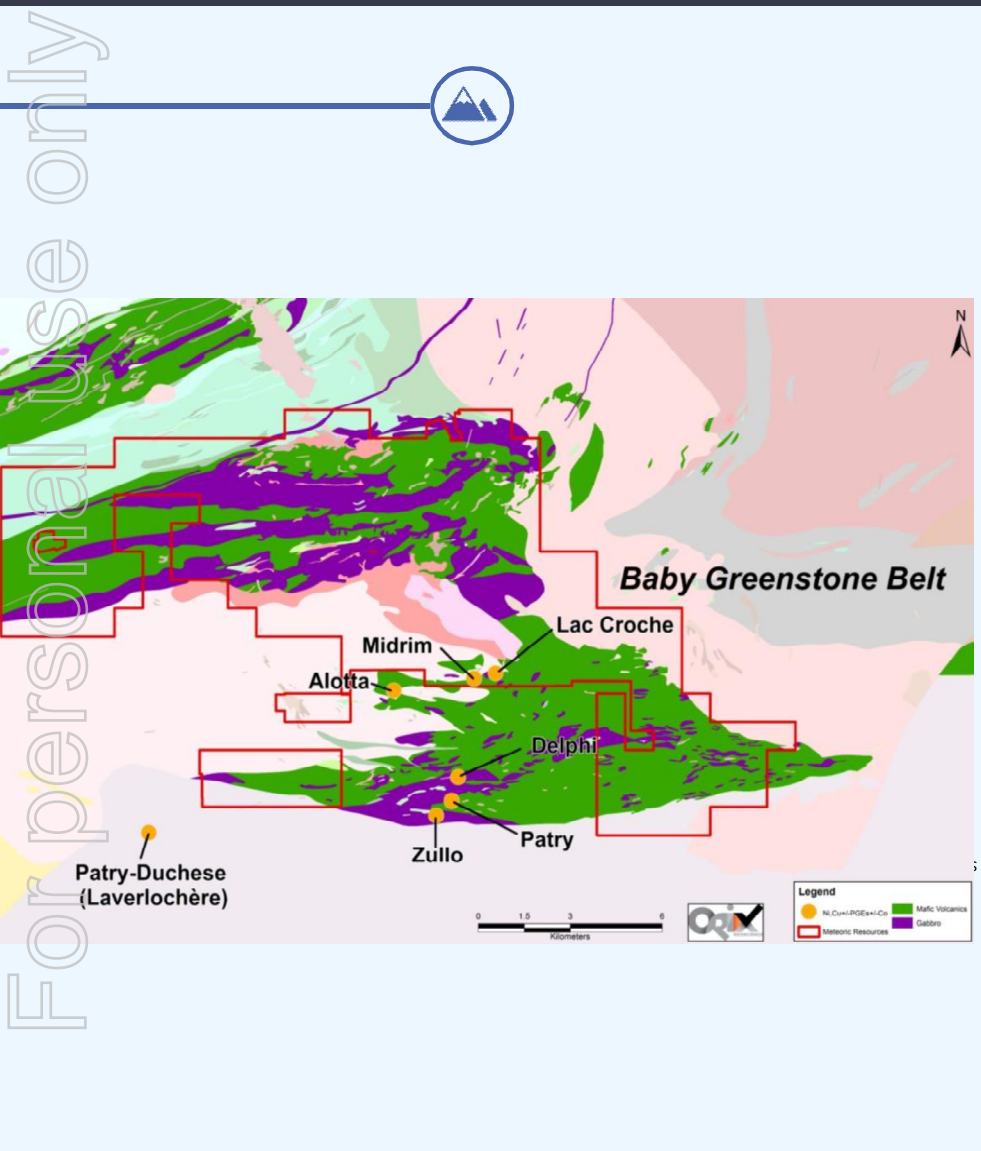
- **5 Discovered Deposits within 5km radius**

Meteoric has become aware that a regional consolidation opportunity exists with 5 additional known polymetallic deposits occurring within a 5km radius of the Midrim deposit.

<sup>1</sup> Hrominchuk, J., 2001 - Falconbridge Exploration Memorandum (12/11/01)

<sup>2</sup> Based on Copper and Nickel LME quoted spot prices as at 18/08/2017, Mazur, R. 2002, Midrim Property Baby Township Quebec, NI43-101, Aurora Platinum





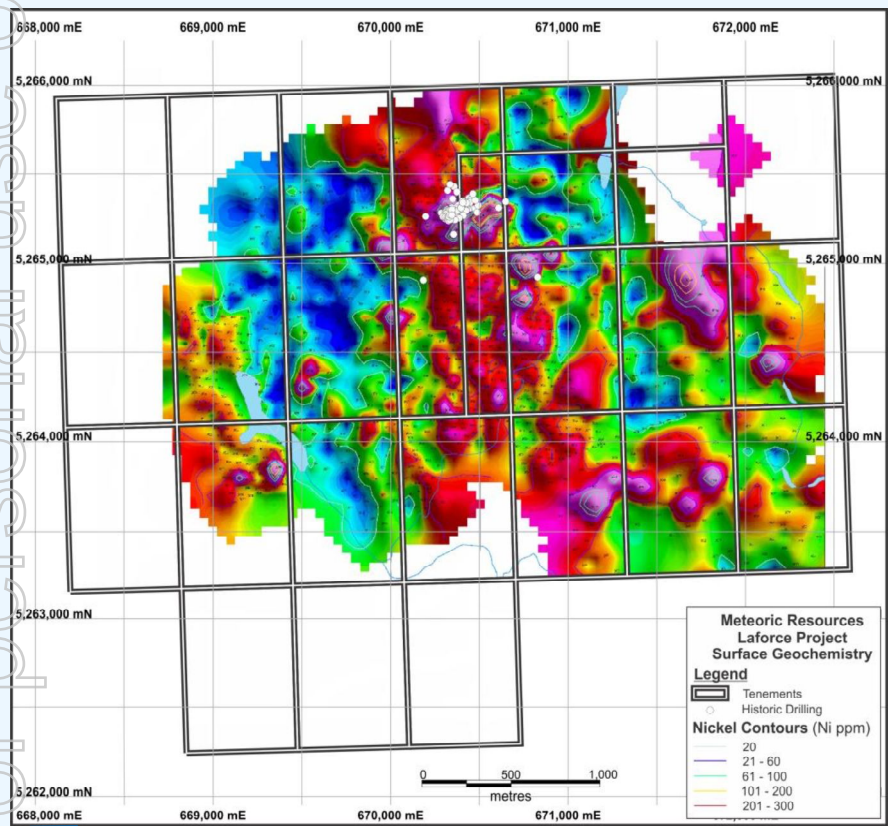
## Midrim

### BABY SEGMENT, QUEBEC

- Largest landholder in the Baby segment which hosts the Midrim deposit
- 118km<sup>2</sup> of highly prospective land covering 24 of the 36 historical high-priority EM targets identified by Falconbridge
- Two EM targets located on Meteoric's ground have historically been drill tested with economic mineralisation intercepted (Midrim and Lac Croche)
- 32,000m of historical drilling conducted within the Baby Segment; core in good condition and available for re-assay
- Significant drilling intercepts from the Midrim deposit include:

	From depth (m)	Length (m)	PGE/Au g/t	Cu %	Ni %
MR00-01	15.5	19.69	3.22	2.99	1.85
Including	21.4	11.94	3.36	3.64	2.27
MR01-29	17.6	17.85	2.53	2.16	1.55
MR01-30	10.9	1.1	5.15	5.41	1.7
MR00-11	23	1	4.41	4.74	2.66

# Belleterre Angliers Greenstone Belt



Historical drilling focussed around the LaForce showing leaving numerous untested geochemical anomalies

## La Force

### BELLETERRE SEGMENT, QUEBEC

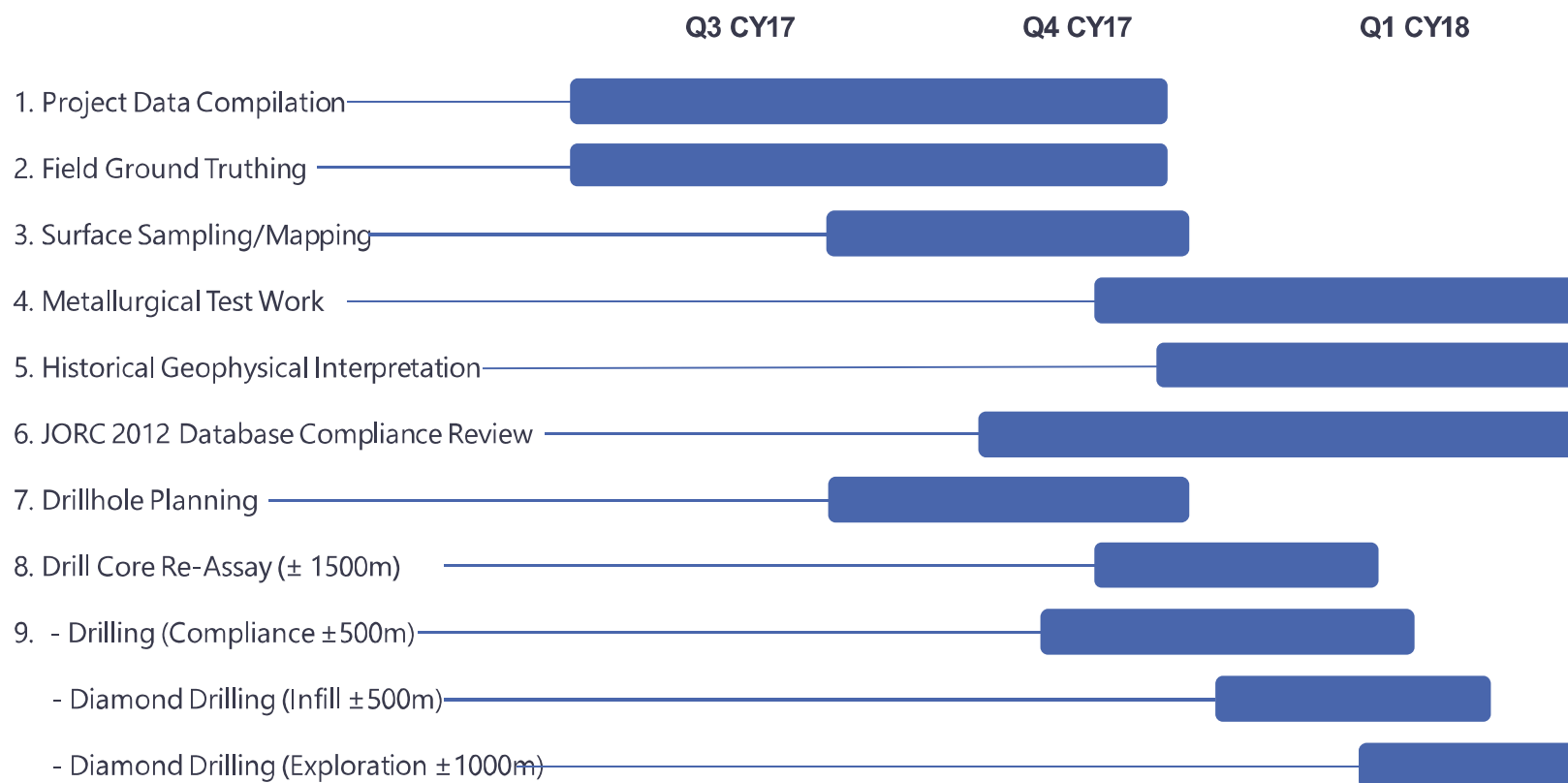
- 24 Cells covering 13.92km<sup>2</sup>, south of Rouyn-Noranda mining camp in Western Quebec
- More than AU\$3.5m in historical drilling value
- 14,600m of historical drilling with 3,500m of stored core yet to be assayed
- More than 20 identified Cu-Ni-Co-PGM polymetallic targets along a 4.6km strike length of gabbroic intrusions
- Large tonnage potential that includes numerous high-grade intercepts
- Historical exploration focussed directly around the La Force deposit
- Multiple untested Ni-Cu geochemistry targets along a 4.6km strike length of gabbro

	From depth (m)	Length (m)	Cu %	Ni %	Co %
LF07-07	39.00	40.00	0.46	0.82	0.02
LF07-10	52.88	21.32	0.66	0.90	0.02
LF06-04	3.00	103.00	0.38	0.77	0.02

# 2017/18 Exploration Program – Midrim/La Force



## SEQUENCE OF EXPLORATION







# Cobalt Projects

PORTFOLIO OF HIGH GRADE PROSPECTS

## OVERVIEW

- 100% interest in 2 primary cobalt projects within Cobalt Town region and Sudbury Basin, Ontario
- Regional production more than 600 Moz Silver and 45Mlb Cobalt
- High-grade historical production and bulk sampling from claims
- Meteoric has engaged leading Canadian geology firm Orix Geoscience to re-analyse historical exploration to identify targets for aggressive drilling program

# Cobalt Overview

## Sources



2%

Primary Cobalt



38%

Nickel by-product



60%

Copper by-product

## Uses



31%

Chemical



24%

Metallic



45%

Superalloys

## Supply



Long-term under-investment due to limited development of primary mines.

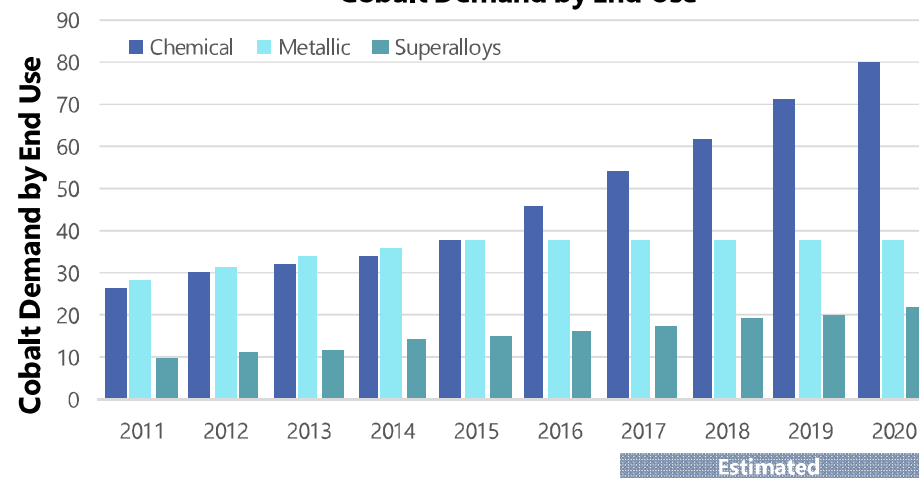


Closure of 2015 Glencore Cu-Co mine has resulted in an imminent supply crunch.

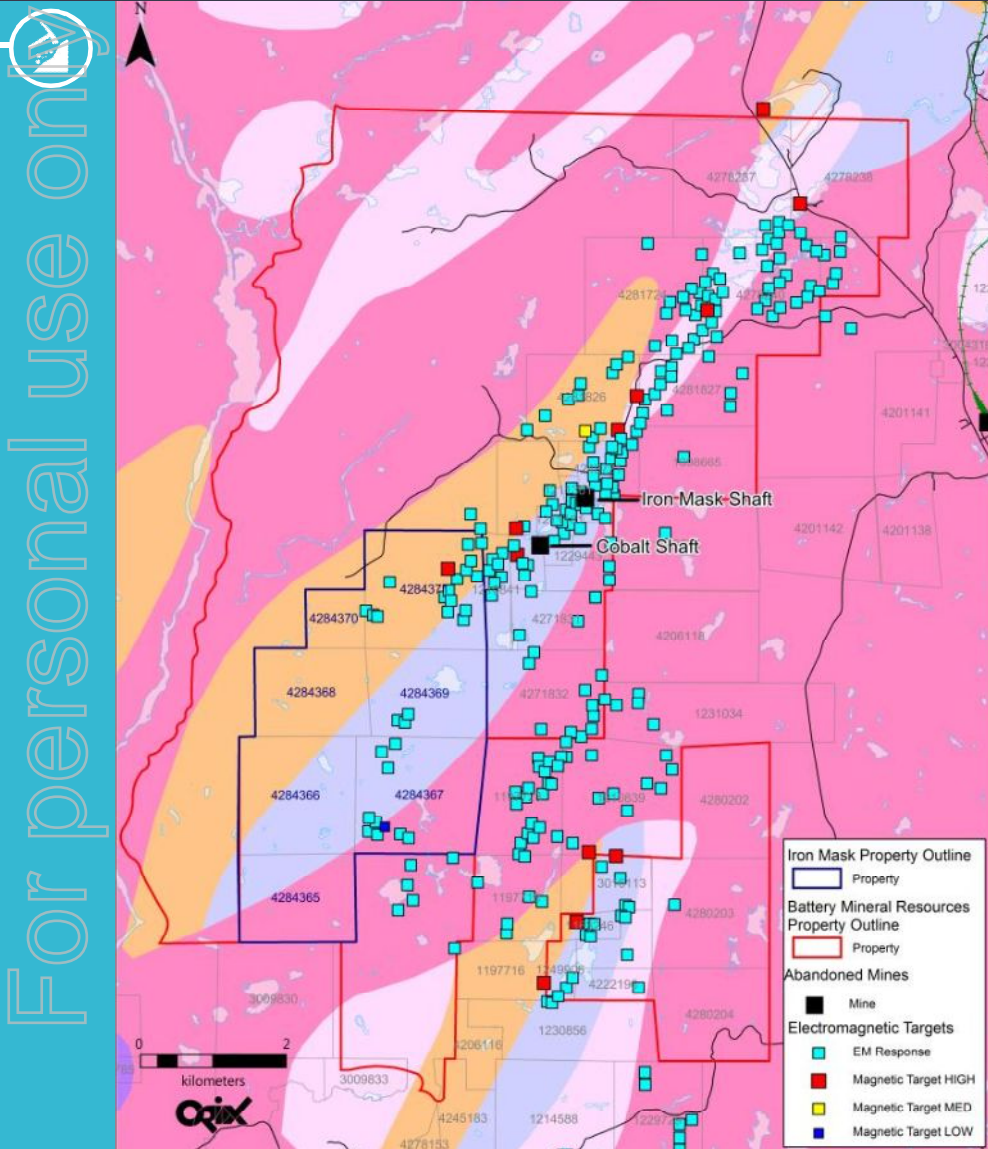


3% Compounded annual growth rate to 2020 Cobalt prices have little influence on primary producers' decision making.

Cobalt Demand by End Use



# Iron Mask



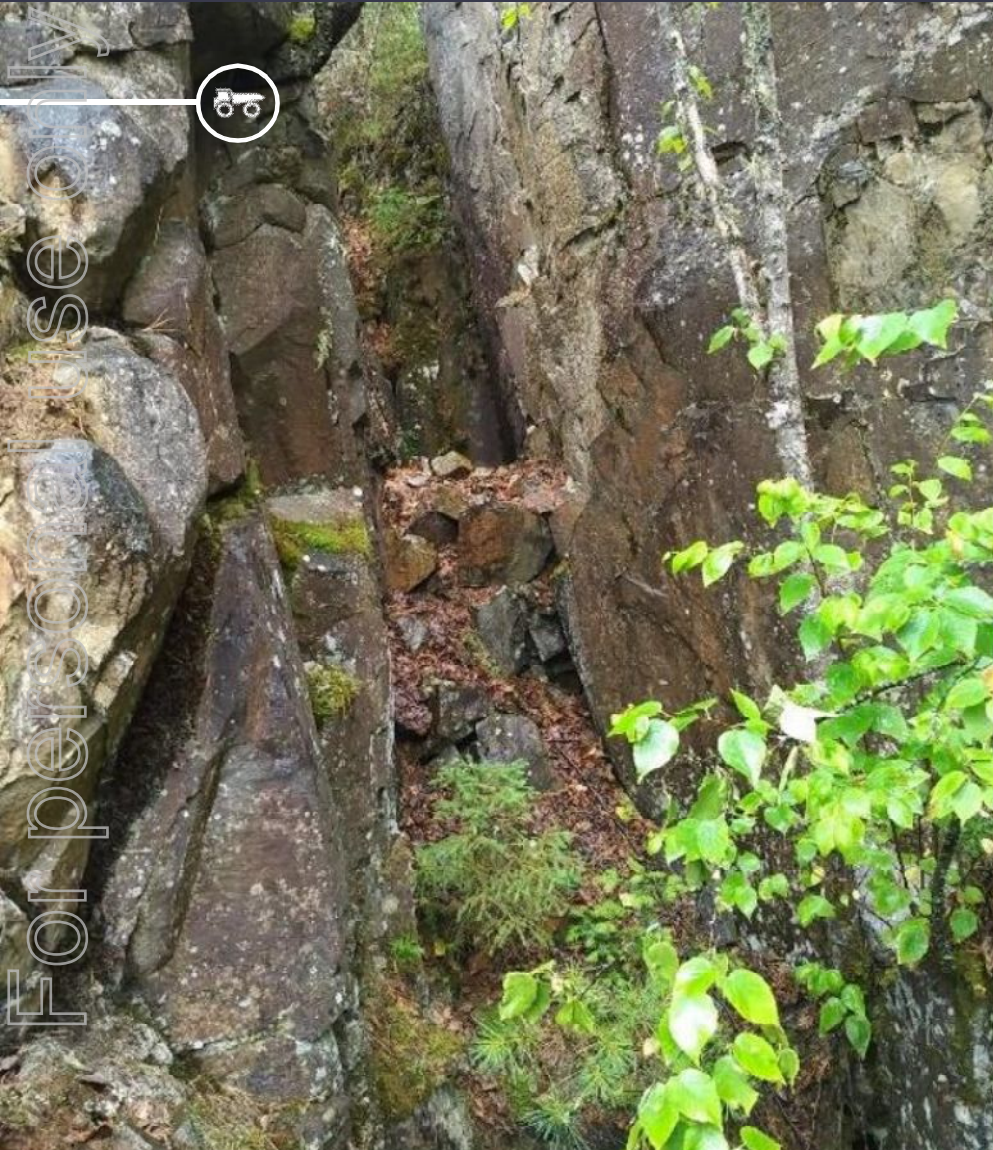
## Iron Mask

### Ontario

- 8 claims covering 1,408 hectares
- The Sudbury Basin has historical production exceeding US\$120 billion of nickel, copper and PGM metal
- Historical Iron Mask and Cobalt Shafts as well as the Cobra showing, 500m northwest of MEI claims, have been exploited showing significant cobalt potential:
  - Cobra Showing
    - Chip sampling grades 11.3% Co
    - Grab sampling 21.3% Co & 6.19% Ni
  - Cobalt Shaft
    - Bulk sample averaged 15% Co and 279 g/t Ag
    - Grab sampling grades of up to 16% Co, 4.8% Ni and 17% Bi
  - Iron Mask Shaft
    - Channel sample 3.2% Co and 6 g/t Au
- EM and magnetic surveys confirm extension of mineralised zones into MEI claims
- Several geophysical targets have been identified from historic data compilation: magnetic highs relate to Cu-Co mineralisation, magnetic lows relate to Zn mineralisation



# Mulligan



## Mulligan

### Ontario

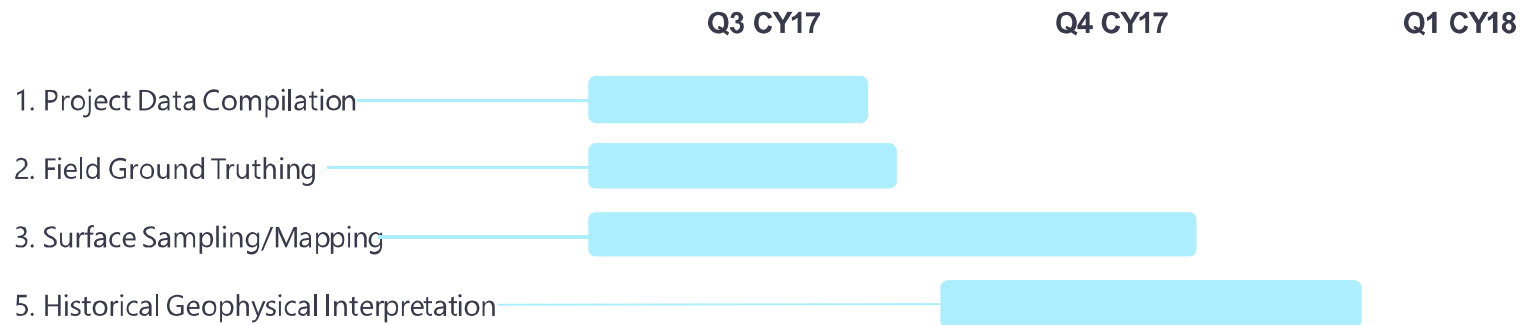
- 50km North of prolific Ag-Co mining camp of Cobalt, Ontario
- Historic production averaging 10% Co
- Production run sampled grades of up to 19% Co and 56.7 g/t Au
- Canadian Department of Mines Sample (23720)  
12.6% Co, 29.75 g/t Au, 39.7 g/t Ag and 1.03% Ni
- Sulphides visible in 200m x 200m Diabase outcrop from which historical production occurred
- The Project captures 8 parallel cobalt-rich polymetallic veins

Location of Historical 10% Co average production with mining widths up to 2m wide. Historical workings targeted a 200m outcrop of Gabbro

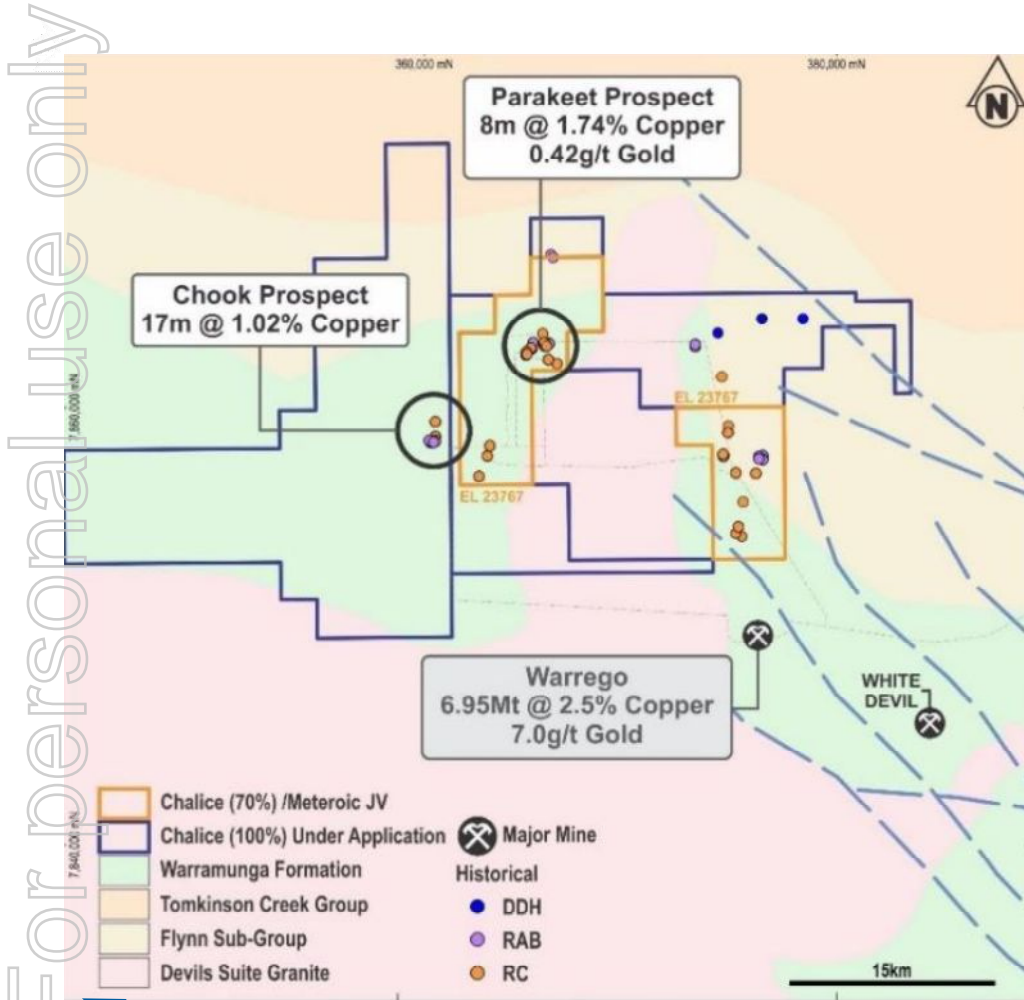
# 2017/18 Exploration Program – Mulligan and Iron Mask



## SEQUENCE OF EXPLORATION



# Existing Joint Ventures



Warrego North location map

## Warrego North & Tennant Creek Northern Territory, Australia

- 100% MEI, subject to Farmout with Chalice Gold Mines Ltd
- Chalice to earn up to 70% interest by sole funding of \$800,000
- The initial two diamond drill holes targeting a magnetic and IP anomaly intersected **8m @ 1.74% Cu and 0.42 g/t Au** from 249m depth
- 3D IP survey underway to identify drill targets

## Webb Diamond JV Western Australia, Australia

- 20% MEI Ownership
- Evaluation of a large kimberlite field
- Comprised of 280 bulls-eye magnetic targets, 23% of which have been tested identifying 51 kimberlite bodies
- Planning underway for a 2017/18 drill program





# METEORIC RESOURCES

For more information please do not hesitate to contact us at any time



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