



Transition Metals

Multi-Commodity Project Generator

Converting new exploration ideas into Canadian discoveries

Au

Cu

Pt

Ni

Zn



XTM – TSXV

Q1 2017



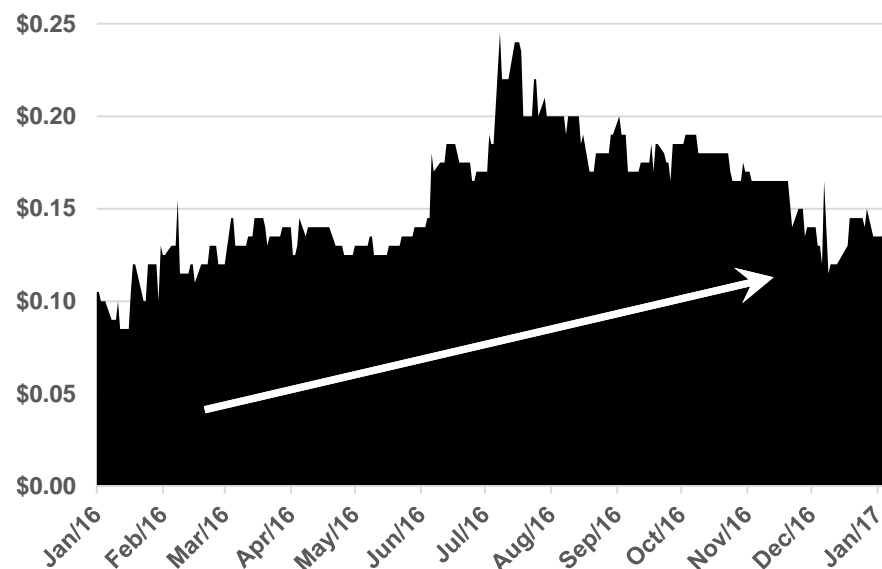
Investment Highlights

- Award winning technical team with **proven track record of discovery**
- 5 district scale exploration plays in **Canada**
- Deep relationships with **well funded partners** that continue to **advance projects**
- 36% ownership in privately held Sudbury Platinum Corporation (SPC)
 - **Excellent PGM-Ni-Cu exploration property package** in the Sudbury mining camp
 - **> 10 Mt of Ni-Cu-PGM defined resources**
- 65% ownership in privately held Canadian Gold Miner (CGM)
 - **dominant property position** and **advanced stage gold projects** in the **Abitibi Greenstone Belt**

Capital Structure

TSXV:XTM

52 Week Performance



As of January 15, 2017

Share Price	\$0.15
52-Week Range	\$0.08-\$0.24
Market Cap	\$5.1 M

36% SPC Ownership = \$4.4 M

65% CGM Ownership = \$1.5 M

Transition Metals Corp

Shares Outstanding	33.7 M
Options	2.8 M
Fully Diluted	36.5 M
Cash:	~\$1.5 M

Sudbury Platinum Corp (36% Owned)

Shares Outstanding	41.5 M
Warrants & Options	4.8 M
Fully Diluted	46.3 M
Cash:	~\$1.5 M

Canadian Gold Miner (65% Owned)

Shares Outstanding	23.3 M
Cash:	~\$250K



Project Generator Model


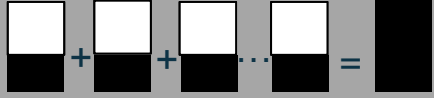
Optimal blend of risk and reward in a sector where both can be extreme

- **Exploration funded by partner** in return for a stake in the project
- **Diversifies risk** over several projects
- **Increases probability** of new discoveries
- **Leverages partner** capital and **expertise**
- Technical **due diligence completed by partner**
- **Minimizes** shareholder **equity dilution**



Project Generator Model

Designed to improve the odds of success with minimal equity dilution

	Traditional Junior	Project Generator
Projects	Few (1-2 "flagships")	Multiple (+15)
Discovery Goal	1-2	Multiple
Primary Funding	Equity Only	Partners (Exploration \$, Cash, Shares) Equity Royalties
Equity Dilution	High	Low
Scenerio	100% of a single discovery	30% of multiple discoveries
		
	200 M shares O/S	50 M shares O/S



Transition Metals



Transition Metals

Available for Partners

9 Gold

10 PGM

1 Copper

1 Zinc

1 Diamond

Funded Subsidiary



Sudbury Platinum

- **Aer Kidd Project** – Advanced exploration stage PGM-Ni-Cu
- **First Nickel Purchase** – acquired Lockerby East and West Graham Deposits

New Subsidiary



Canadian Gold Miner

- **Abitibi Gold** – 150 km² and growing land bank
- **Seeking** – good quality early and advanced stage gold projects

8 Partners Already In Place



Transition Metals

Project Portfolio

Prospective properties located across safe and pro-mining jurisdictions

30 Projects

Transition Metals

- 9 Gold
- 10 Ni-Cu-PGM
- 1 Copper
- 1 Zinc
- 1 Diamond

Sudbury Platinum

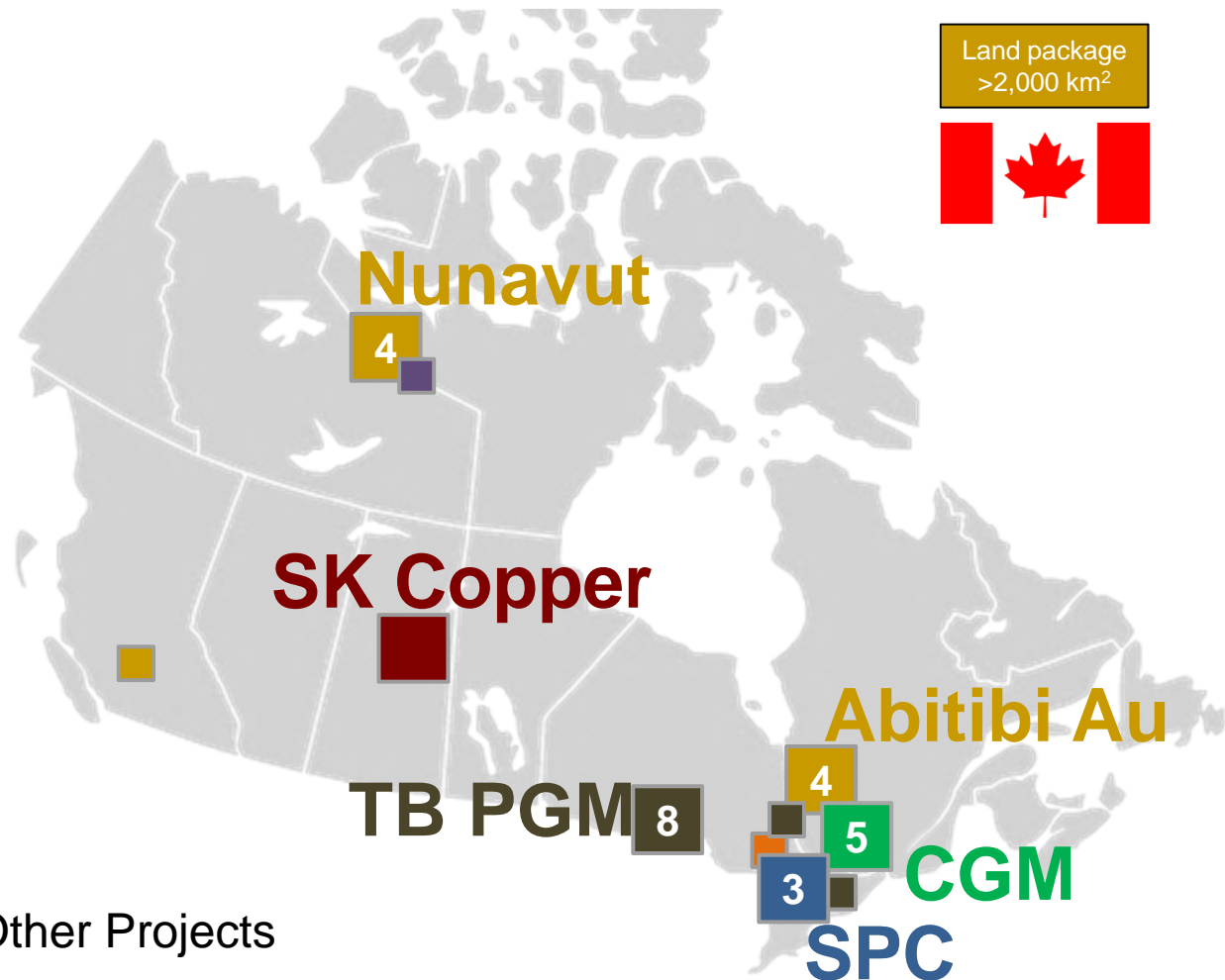
- 3 Ni-Cu-PGM

Cdn Gold Miner

- 5 Gold

□ District □ Other Projects

Land package >2,000 km²



Core Team

Exploration team with proven success finding ore bodies

Scott McLean, HBSoc. P.Geo. | CEO

- 2004 PDAC Prospector of the Year (Nickel Rim South Mine)
- 23 years Falconbridge Canada (Sr. Exploration Manager, Sudbury)
- 75+ JV agreements negotiated

Greg Collins, B.Sc. Eng., P.Geo. | COO

- 20 years exploration and development project experience including Xstrata Nickel / Falconbridge
- Discoveries in Northern Quebec, Manitoba and Vietnam

Grant Murre | M.Sc., P.Geo. | Exploration Manager

- 15 years exploration, focused on magmatic PGM-Ni-Cu
- Project generation & management, resource block modeling and evaluation

Christopher Chadder, CA. | CFO

- 20 years experience within the junior mining sector with various Senior management and Auditor roles

Discovery Awards




















**2004 PDAC
Discovery of the Year**
Nickel Rim South Mine
17 Mt @ 1.5%Ni, 2.7%Cu

**2004 Bernie Schneiders
Discoverers of the Year**
Seagull PGM Discovery

**2013 Bernie Schneiders
Discoverers of the Year**
Sunday Lake PGM Discovery

Deep Partnerships

		<p>75% partner in Sunday Lake project through to the completion of a FS</p>
		<p>60% partner in Pipestone project; \$100k cash, 1M shares, \$1M expenditures.</p>
		<p>51% partner in Haultain project; \$525k worth of shares, \$2,000,000 expenditures.</p>
<p><i>Thor Metals PTY</i></p>		<p>100% purchase of Timberwolf; \$5,000 cash, \$35,000 worth of shares, \$750,000 expenditures, CP Pay</p>
		<p>\$18M to explore in Nunavut</p>
		<p>11% ownership in SPC</p>
		<p>12% ownership in SPC</p>
		<p>15% ownership in SPC</p>
		<p>6% ownership in CGM</p>



Transition Metals

Low Cost Exploration

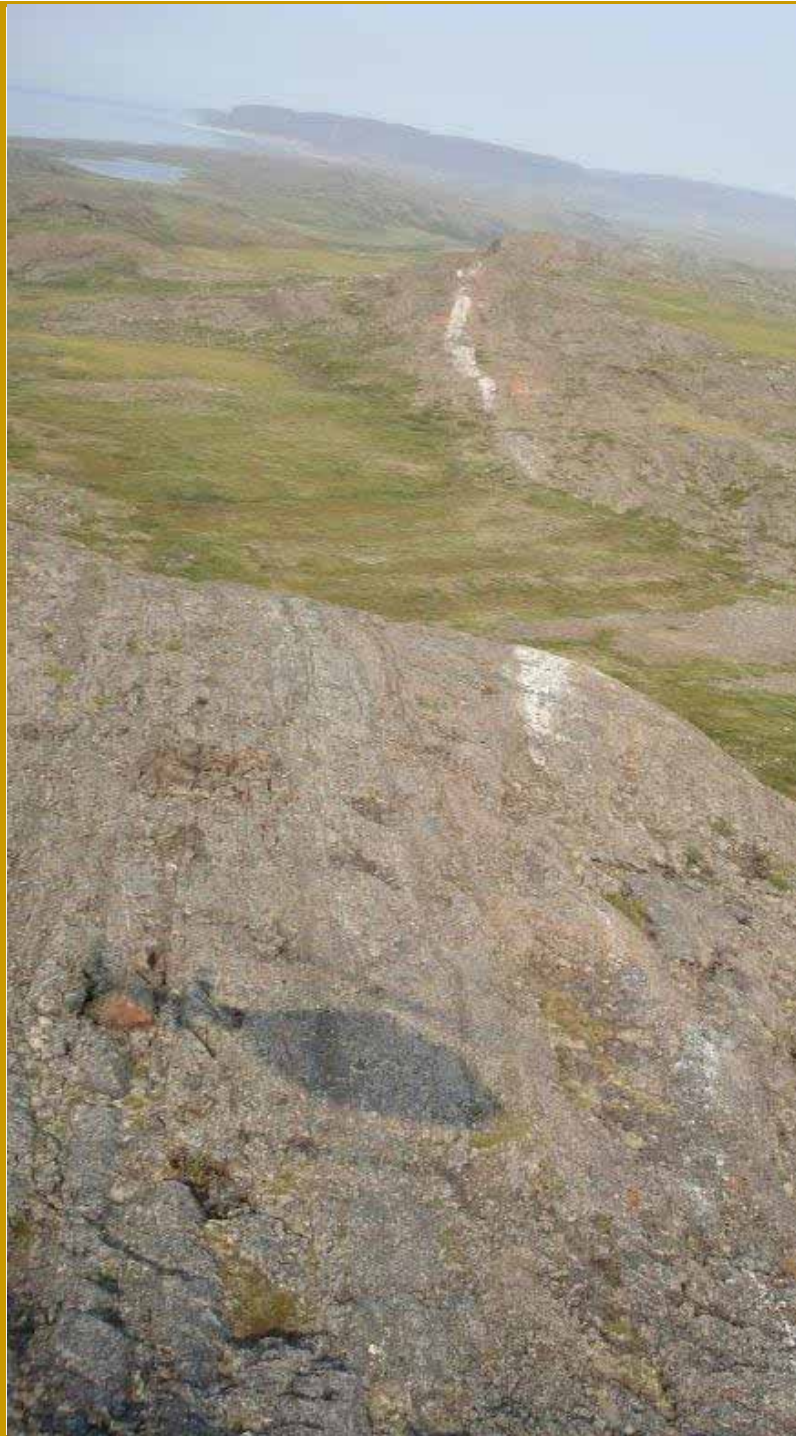
Leveraging partner funding to advance projects



Summarized 2016 Exploration Plan

Project	Budgeted Expenditures	XTM's Cost
Saturday Night	150,000	100,000
Sunday Lake	300,000	-55,000
Nunavut	120,000	-13,000
Haultain	400,000	-40,000
SPC	2,000,000	-95,000
CGM	1,000,000	-30,000
Project Generation	300,000	300,000
Administration	400,000	400,000
Total	4,680,000	567,000


XTM's cost is only 12% of actual 2016 exploration expenditures





Selected Projects

Thunder Bay, Ontario

An emerging world-class PGM-Ni-Cu province

1 **100%**  Transition Metals

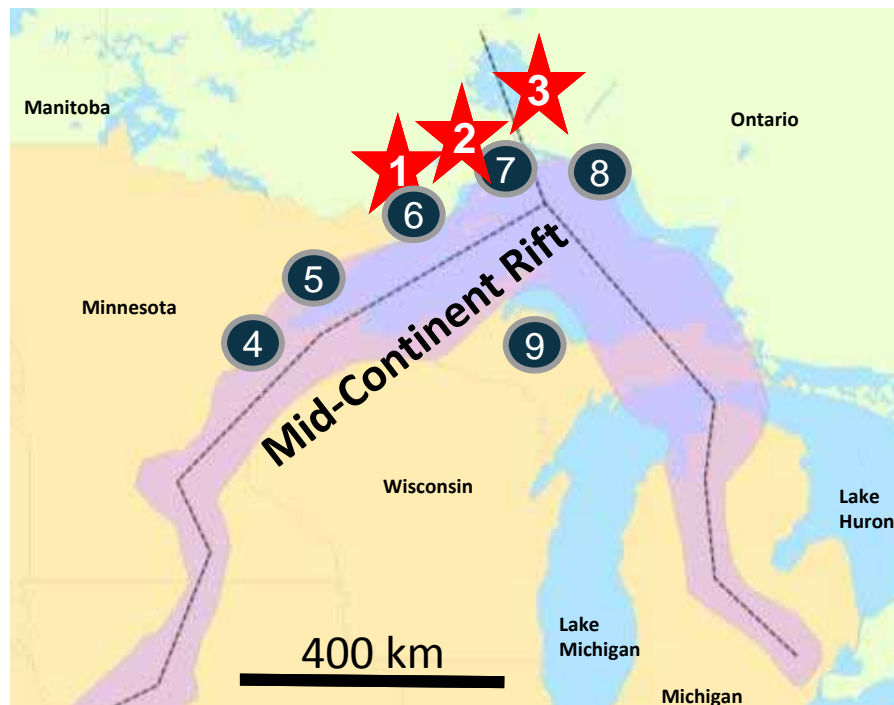
Saturday Night
 Sunday Lake Look-alike
 16km west of Sunday Lake

2   Transition Metals


Sunday Lake Implats JV
 New Pt Discovery
 42.9m @ 3.43 g/t PGM

3 **100%**  Transition Metals

Eva Kitto
 Large (Norilsk) Size
 Fertile Early Rift Intrusion



4 **RioTinto**
Tamarack 3.75 Mt
 1.81% Ni, 1.0% Cu
 0.85g/t PGM

5 **ANTOFAGASTA**  PLC
Maturi 527Mt
 0.59% Ni, 0.19% Cu
 0.59 g/t PGM

6 **RioTinto**
GLN 40 Mt
 0.20% Ni, 0.40%
 Cu

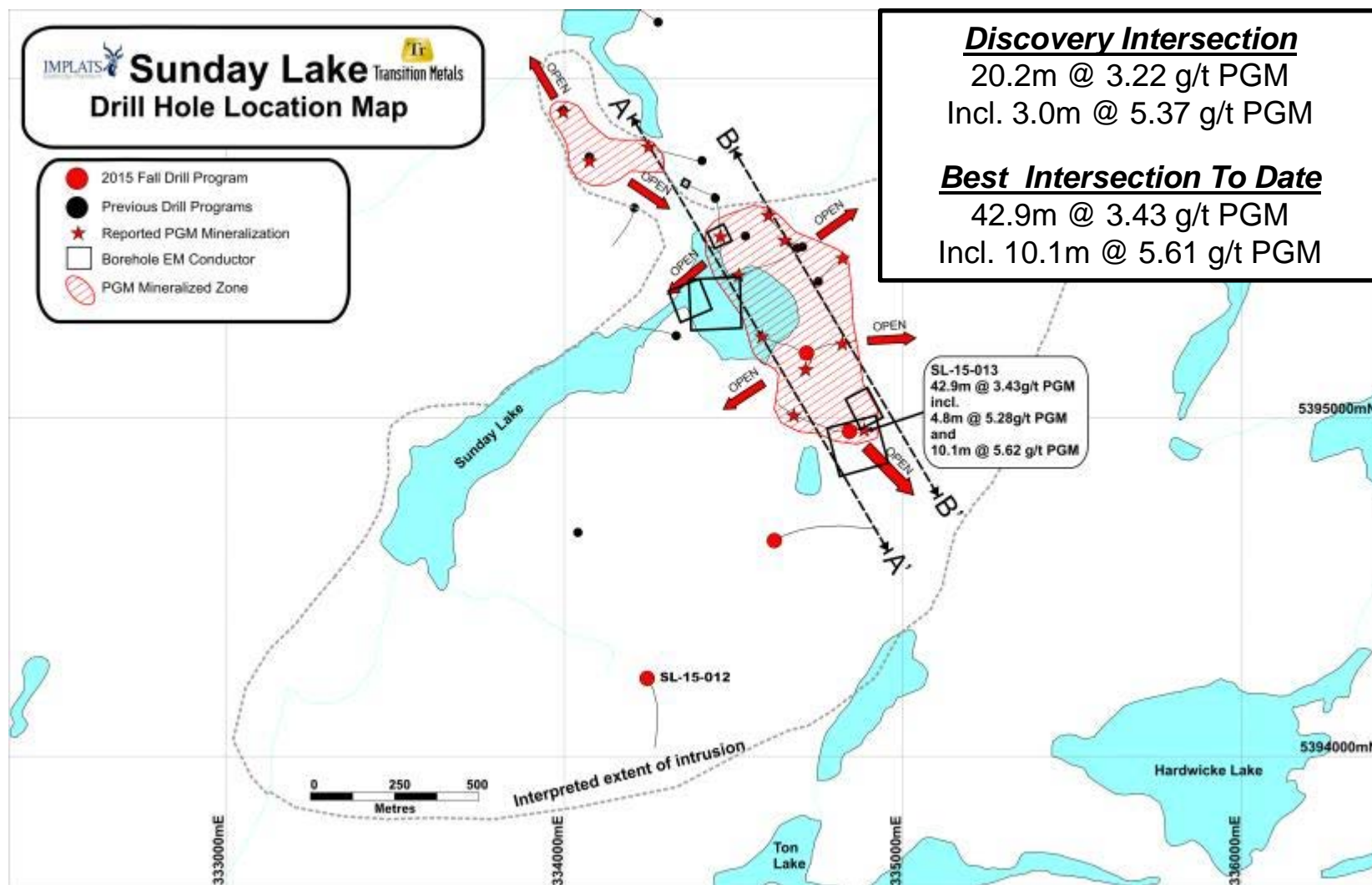
7 **RioTinto**
TBN 8.46 Mt
 2.09g/t PGM

8  **STILLWATER CANADA INC.**
Marathon 40 Mt
 1.46g/t PGM, 0.36% Cu

9 **lundin mining**
Eagle 5.33 Mt
 3.1% Ni, 2.5% Cu

Sunday Lake Project

Best new global PGM intersection in decades





Transition Metals

Janice Lake, Saskatchewan

Large tonnage, sedimentary-hosted copper

At-surface, sediment-hosted copper analogous to Udokan in Russia (26Mt of Contain Cu)

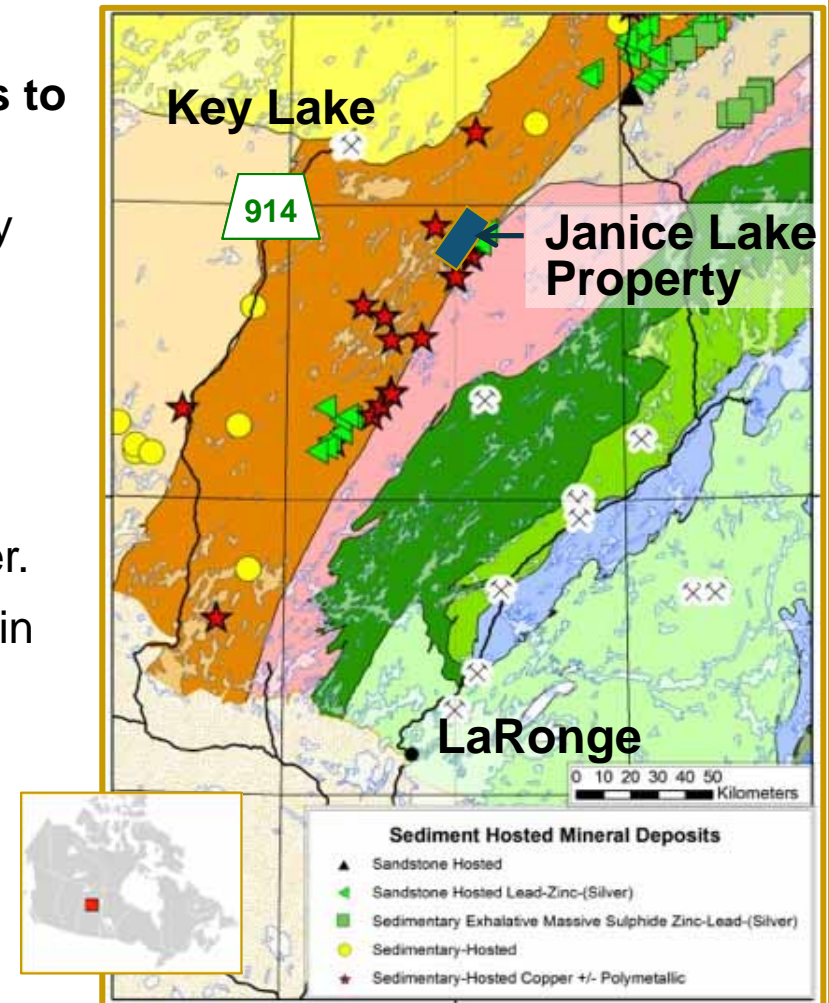
- 117 km² land package, 55 km southeast of Key Lake
- 230kV transmission line
- Widespread copper mineralization (chalcocite) across 25km strike
- Grab samples to 9.35% copper & 61.7 g/t silver.
- Large, untested mineralized target areas remain open along strike and down dip

Historic Drilling

0.80% Cu over 33m

1.33% Cu over 18m

0.90% Cu over 11m



Nunavut



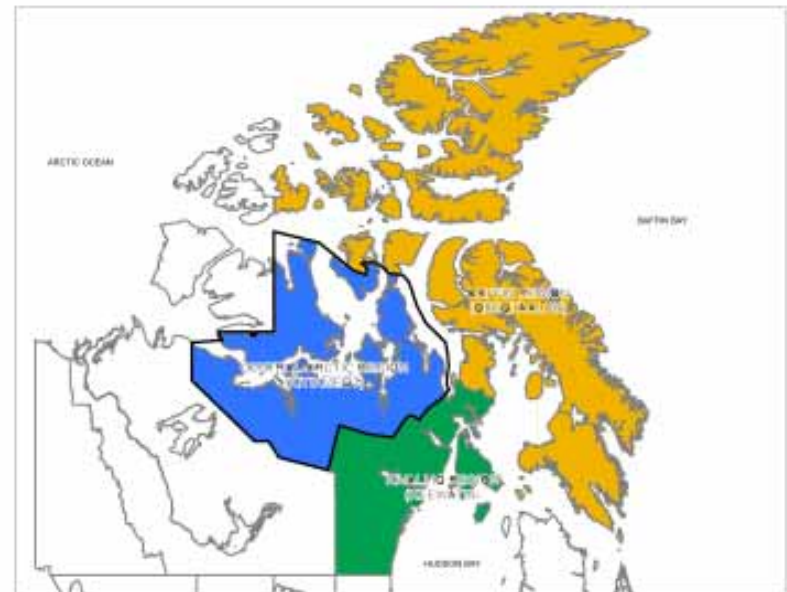
Strategic alliance in the Kitikmeot region of Nunavut

Alliance with Nunavut Resources Corporation, an Inuit-owned company formed to diversify and develop the economy of the Territory

100% Inuit Owned



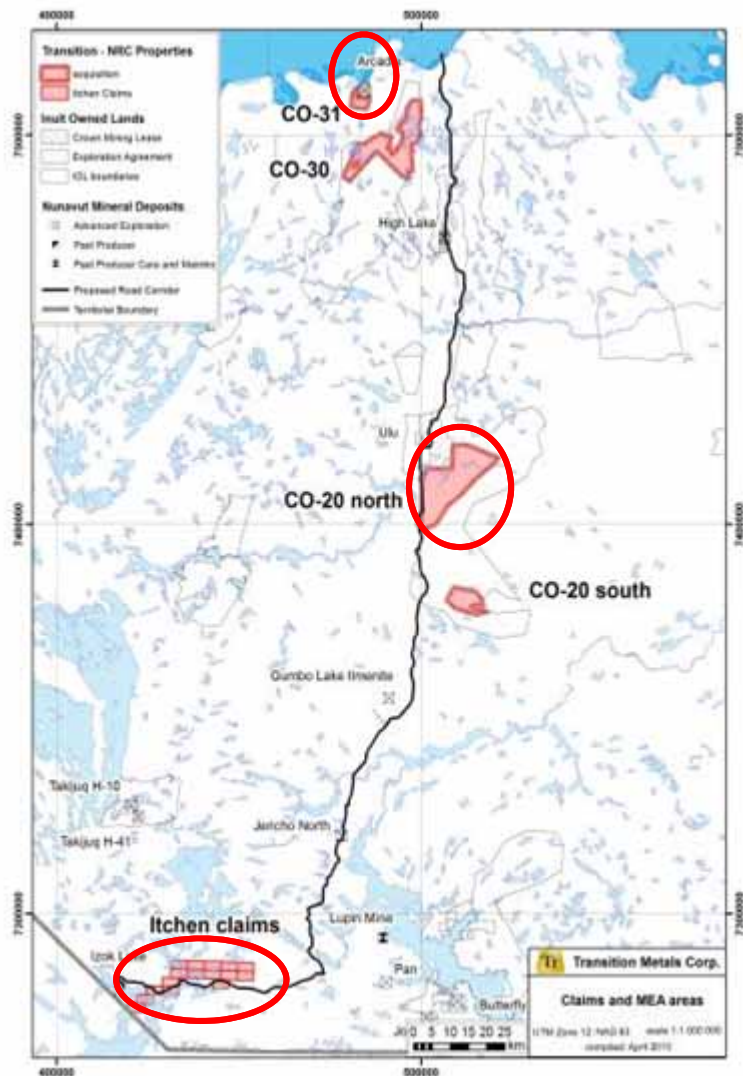
- **Combines Inuit land owners,** who provide the social license, **with our exploration team**
- **\$18 million of planned funding**
- Safe/stable mining-friendly jurisdiction
- **All land claims settled**
- Massive scale: 450,000km² (enormous discovery potential).
- **6 gold, base metals and diamond projects totaling 82,200 Ha.**





Nunavut Portfolio

Gold, base metals and diamonds along proposed road corridor

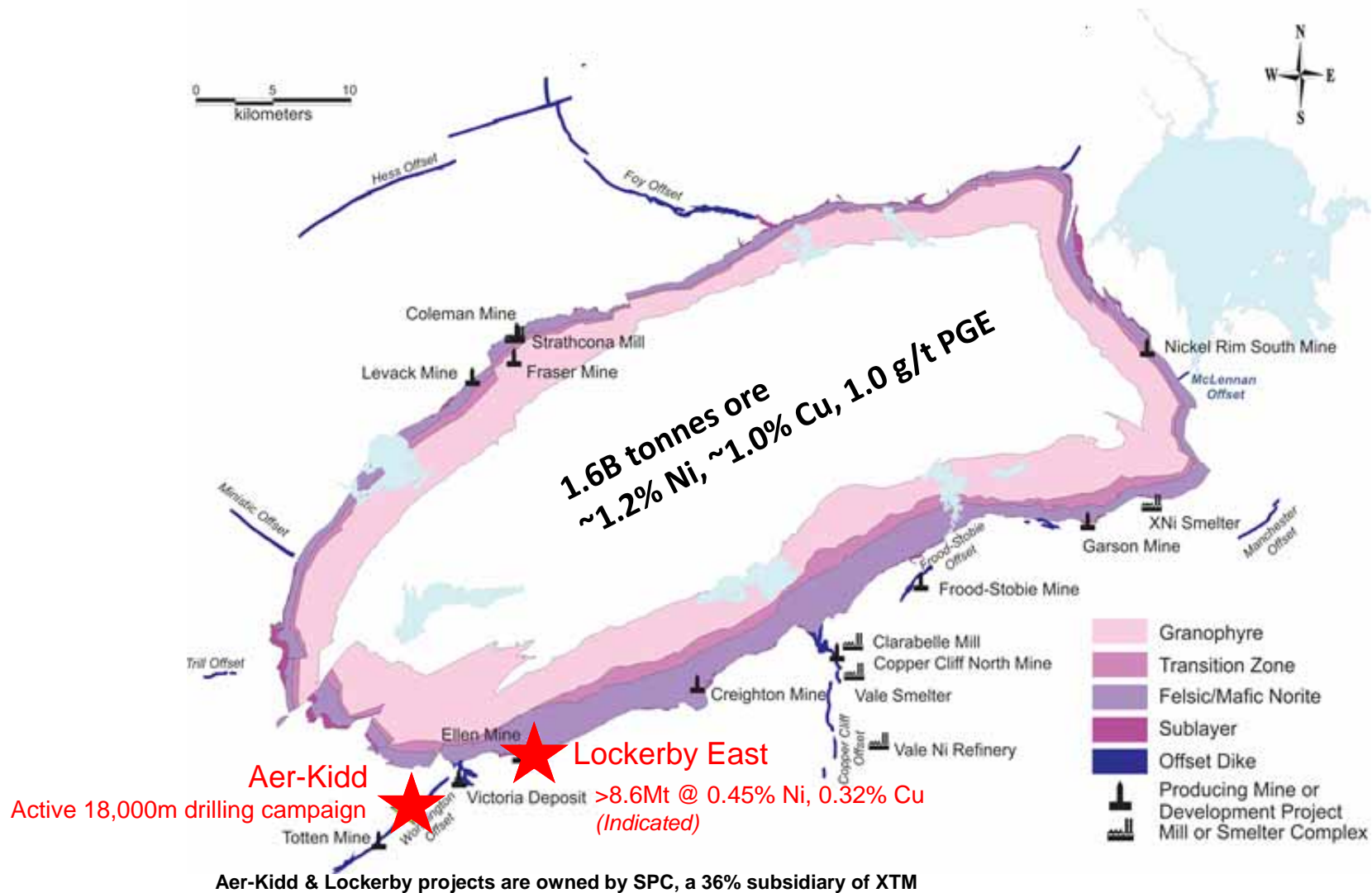


Property & Status	Area (ha)	Exploration Opportunity
Arcadia Bay (CO-31) IOL - MEA	2,429	Intrusive hosted gold deposit at tidewater with historical resource of 1 Mt @ 6.41 g/t Au estimated for 2 of 30 exposed vein systems
CO-20 IOL - MEA	26,340	High potential greenfield Gold/VMS, bordering Ulu; showings returning up to 29.4 g/t Au / 4.5 m ddh
Itchen Lake Mining Claims	17,791	BIF gold, similar to the Lupin Deposit, Back River (3.36 Moz gold at ~9.3 g/t)
CO-30 IOL - MEA	15,541	High potential greenfield Gold/VMS, close to High Lake; showings returning up to 117.43 g/t Au
Article 41 IOL - MEA	57,200	Property sits between diamond fields (Ekati & Diavik to the north, and Jericho to the south east). 322 samples being processed to identify Kimberlite Indicator Minerals.
	123,801 hectares	

Sudbury Platinum Corp.



Sudbury basin: 100+ years of production



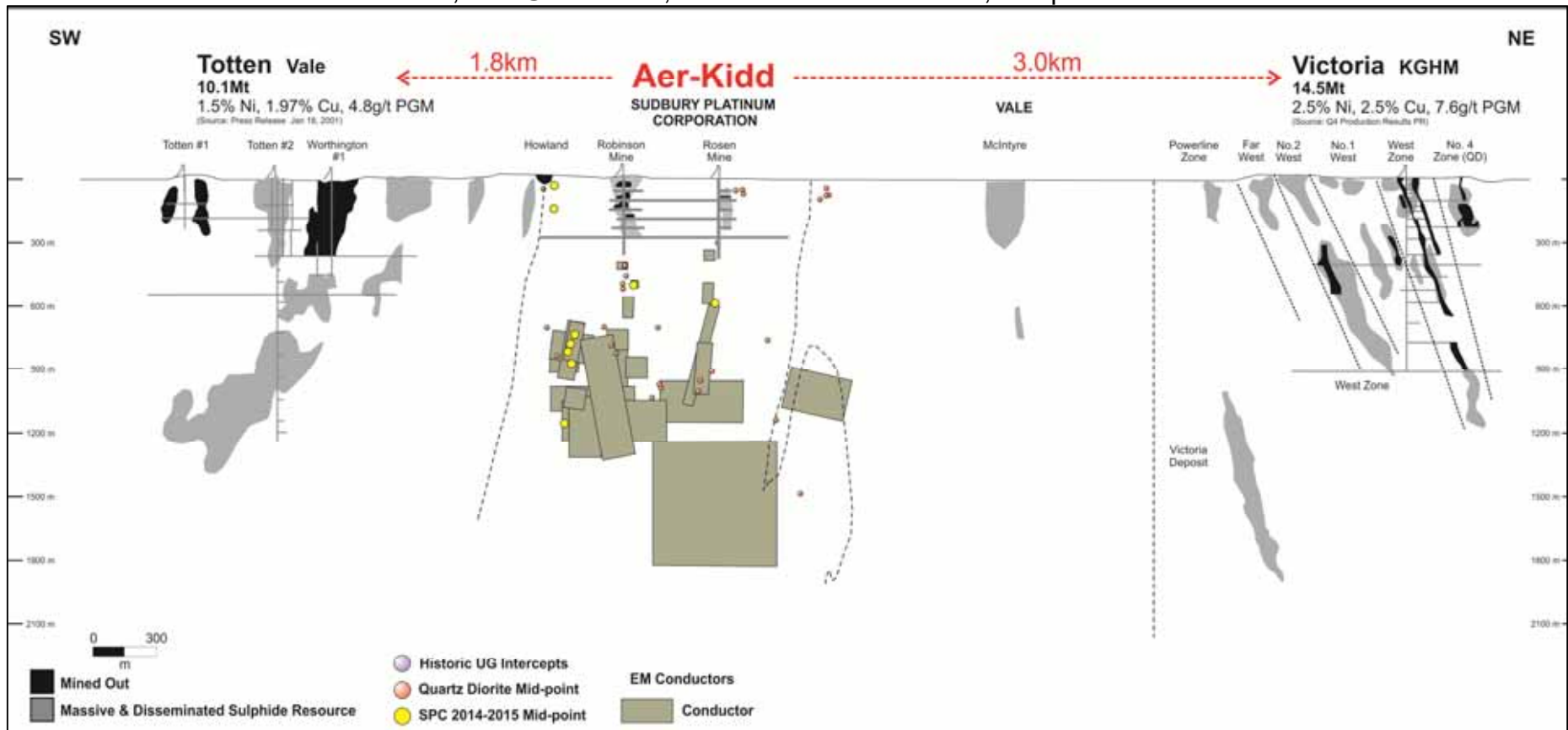
Best Property Position



Aer-Kidd sits between two world class deposits

Worthington Offset - History

- Victoria – Historical production of 1.54Mt @ 1.57% Ni, 2.26% Cu from 1900-1978
- Totten – Historical production of 1.56Mt @ 1.15% Ni, 1.36% Cu from 1914-1970
- Aer-Kidd – Resource of 786,000t @ 0.57% Ni, 0.76% Cu. Estimated 125,000t produced in 1967



Canadian Gold Miner



Canadian Gold Miner



Transition Metals

Assembled an impressive land position in one of the world's richest gold producing regions

- **165 km²** early to mid staged **projects along key mineralized trends**
- **25 km² strike** along the western extension of the **Cadillac Larder Break**
- CGM controls **entire Lincoln-Nipissing Break** (comparable size to Kirkland gold camp)
- **Advanced stage exploration projects** with resource potential at Lafond and new acquisition to be announced
- Land position includes numerous past producers and high grade gold showings
- Results pending from 1.5 tonne sample of **high grade discovery** west of Matachewan **Bjorkman Discovery (2013)**

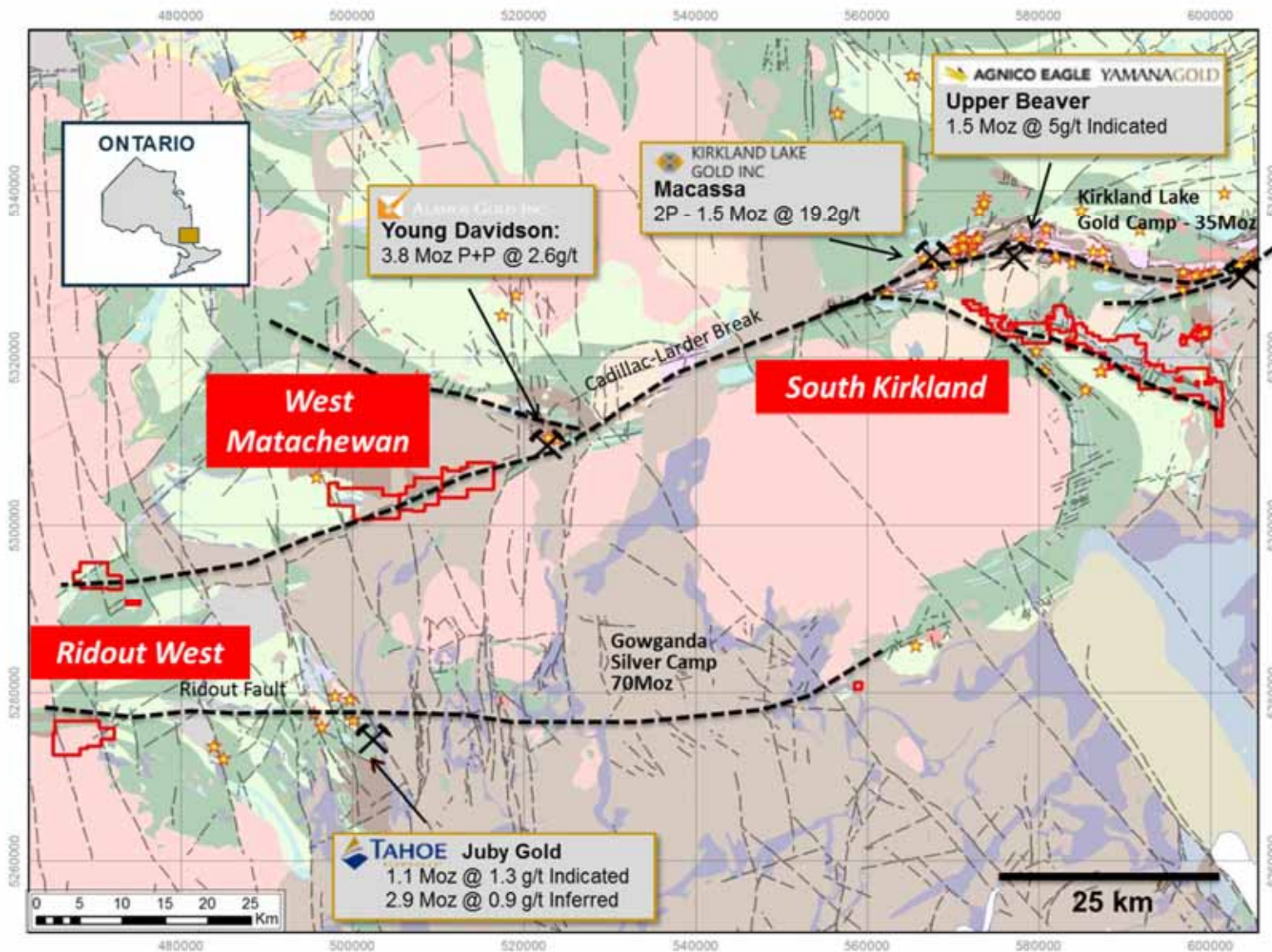
CGM's Strategic Portfolio



Canadian Gold Miner



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CGM Financing



Canadian Gold Miner



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Private company investment opportunity

5,000,000 Units (1 Common Share and 1 full, 3yr Warrant at \$0.25)	\$0.20/ unit
Total Unit Proceeds	\$1,000,000
5,000,000 Common Flow-Through Shares:	\$0.20/ share
Total Common Flow-Through Proceeds:	\$1,000,000
Total Shares Offered:	10,000,000
Total Warrants Offered	5,000,000
Total Proceeds:	\$2,000,000



Reasons to Invest

- Exceptional technical team with **proven track record of discovery**
- 5 district scale **multi-commodity exploration plays**
- **Recent platinum discovery at Sunday Lake; 42.9m @ 3.43 g/t PGM**
- Subsidiary Sudbury Platinum holds **significant PGM-Ni-Cu exploration upside and >10Mt of resources; 18,000 metre drilling program underway at Aer-Kidd**
- Subsidiary Canadian Gold Miner controls dominant and **advanced stage property positions in the Abitibi**
- **\$18M Strategic Alliance** with NRC (100% Inuit Owned); Recent property acquisition includes **200k Au oz at Arcadia Bay**
- **Attractive share price given project portfolio**



Forward Looking Statements

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