



MAGMA METALS LIMITED

THUNDER BAY NORTH PLATINUM PROJECT NORTHWEST ONTARIO

Image courtesy of Johnson Matthey Platinum Today

November 2009

Keith Watkins – CEO

Disclaimer & Competent Person's Statement



Disclaimer

This presentation is provided to you for the sole purpose of providing preliminary background technical, financial and other information to enable you to review the business activities of Magma Metals Limited ("Magma"). The material provided to you does not constitute an invitation, solicitation, recommendation or an offer to purchase or subscribe for securities. The information in this presentation will be subject to completion, verification and amendment and should not be relied upon as a complete and accurate representation of any matters that a potential investor should consider in evaluating Magma. This presentation may contain "forward looking statements" which are made in good faith and are believed to have reasonable basis. However, such forward looking statements are subject to risks, uncertainties and other factors which could cause the actual results to differ materially from future results expressed, projected or implied by those statements.

Competent Person's Statement

The information in this presentation that relates to Exploration Results or Mineral Resources is based on information compiled or reviewed by Dr Keith Watkins and/or Mr Ralph Porter, the Executive Chairman and Executive Director – Exploration, Australia of Magma Metals Limited, respectively, who are both Members of the Australasian Institute of Mining and Metallurgy. Both Dr Watkins and Mr Porter have sufficient experience, which is relevant to the style of mineralization and type of deposit under consideration and to the activities undertaken, to qualify as Competent Persons as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Dr Watkins and Mr Porter consent to the inclusion in this presentation of the matters based on this information in the form and context in which it appears.

Presentation Outline



1. Company Background

2. Thunder Bay North Platinum Project

- Location & Discovery
- Geology, Mineralization & Resources
- Current Exploration Programs
- Mining Concepts
- 2010 Program

3. Highlights Summary

4. Additional Information



Market Fundamentals

- ASX Listed (Code MMB): June 2006
- TSX Listing: Anticipated late-2009
- Shares Issued: 164m
- Unlisted Options: 22m
- Undiluted Market Capitalization @ C\$0.65: C\$107m
(At 30 October 2009)
- Cash (end of Sept Quarter): C\$13m

- Top 40 shareholders own ~78% of the shares
- Major Shareholders (>5%):
 - Anglo American: 12%
 - Anglo Pacific: 10%
 - Directors: 8%
 - Acorn Capital: 7%
 - AMP: 6%
 - Institutional Investors: ~40%



12 Month Price History



Directors & Management



EXECUTIVE DIRECTORS & MANAGEMENT



Dr Keith Watkins
Executive Chairman & CEO
Geologist, Perth



Graeme Scott
CFO & Company Secretary
Accountant, Perth



Ralph Porter
Executive Director - Exploration, Australia
Geologist, Perth



Dr Bill Stone (from 30 Nov)
VP Exploration - Canada
Geologist, Toronto



Max Cozijn
Executive Director - Corporate
Accountant, Perth



Allan MacTavish
Exploration Manager
Geologist, Thunder Bay



Jennifer Abols
Project Development Manager
Metallurgist, Perth

NON-EXECUTIVE DIRECTORS



Terry Burgess
Managing Director,
Oz Minerals Ltd
Melbourne



Peter Whitcutt
Group Director, Strategy
& Business Development
Anglo American, London

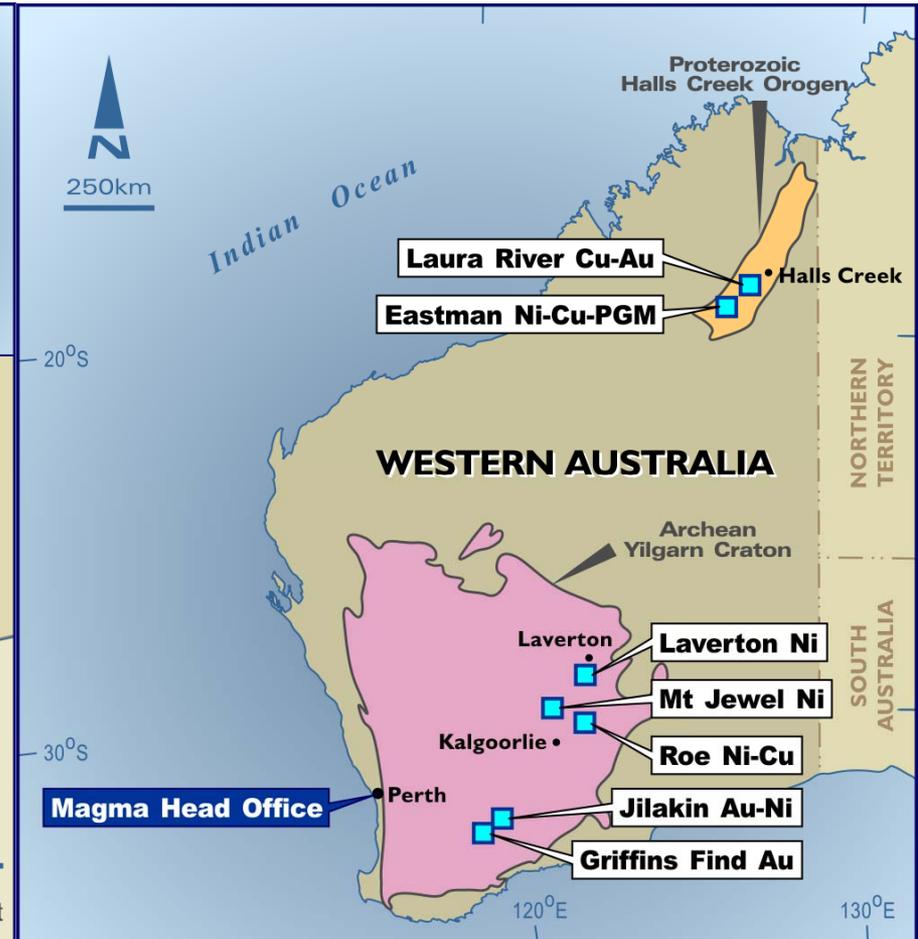
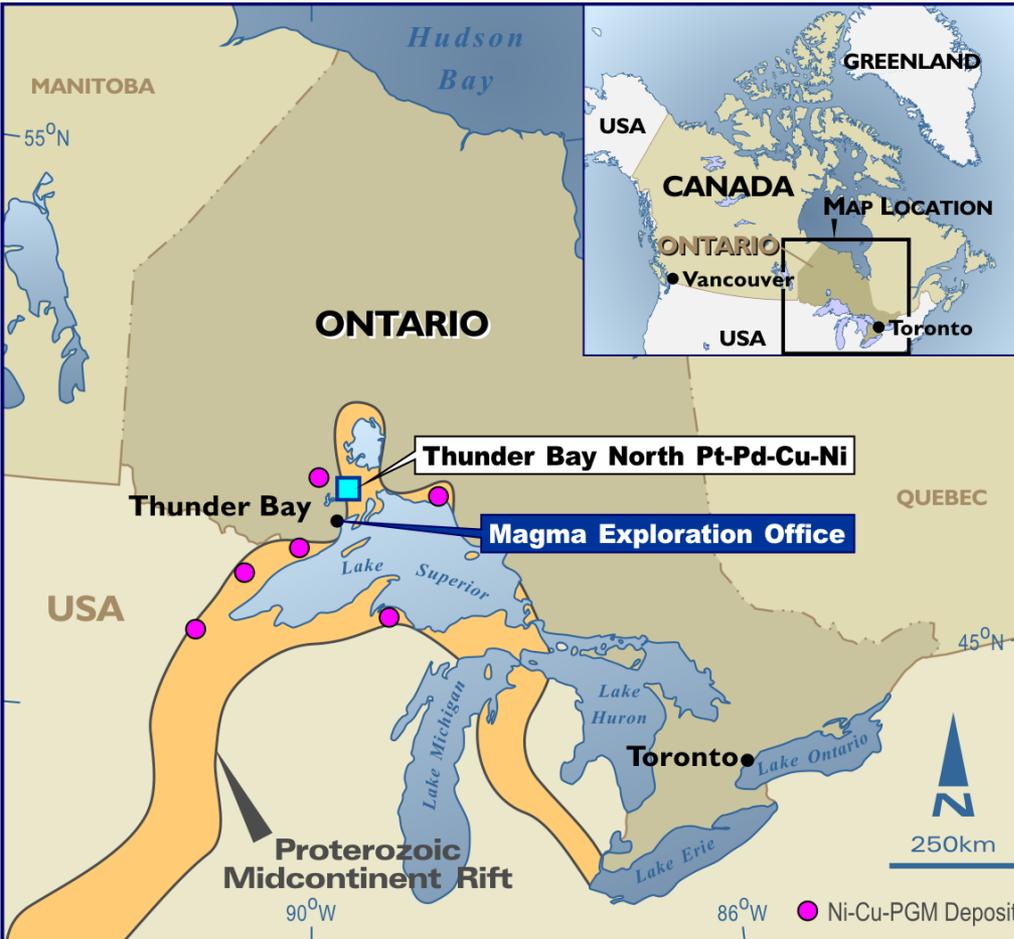


Neil Fearis
Consultant,
Minter Ellison
Perth



Commodity Focus & Project Locations

Precious & Base Metals – Canada & Australia

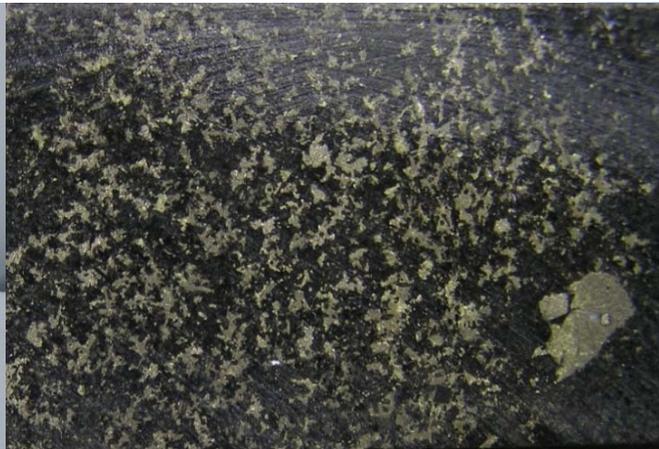




Thunder Bay North Platinum Project

One of the Best Advanced PGM Exploration Projects in North America

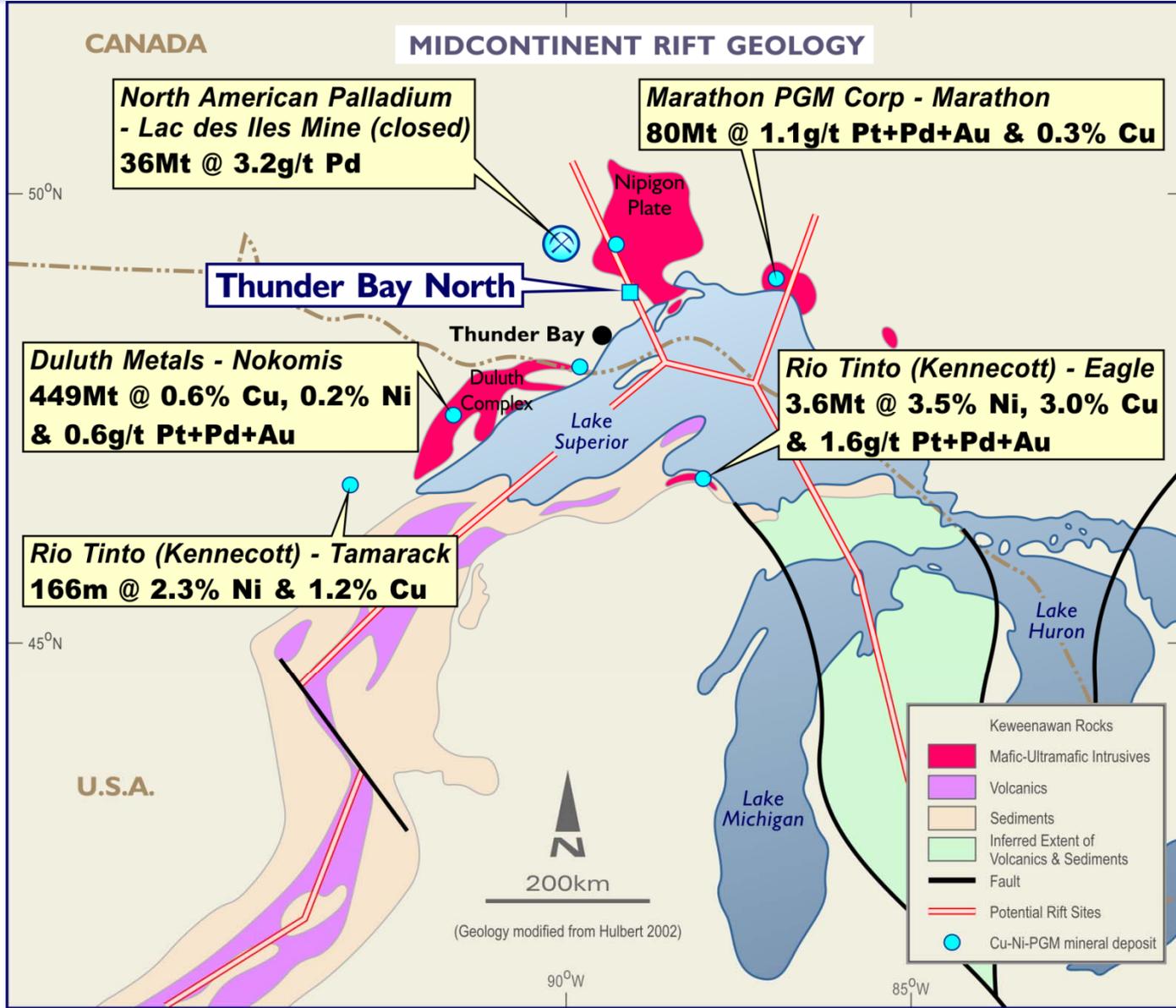
- Initial Resource of 690,000oz PtEq with potential for substantial growth through extension and further discoveries
- 1:1 Pt:Pd ratio
- Base Metals approx 40% of the value
- Potential for discovery of Cu-Ni massive sulphides
- Close to excellent infrastructure
- Scoping Study (Preliminary Economic Assessment) commences December Quarter



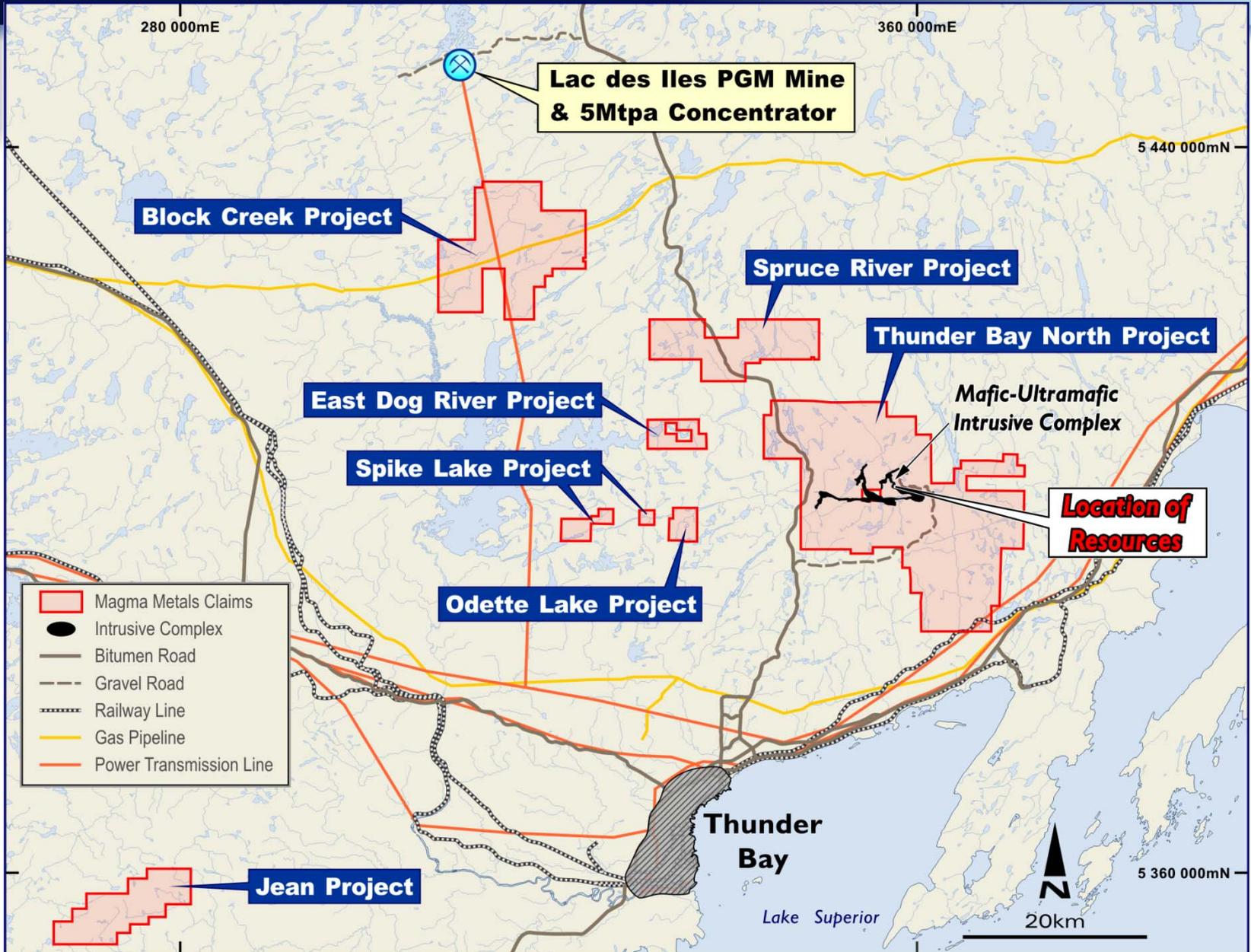
The Midcontinent Rift: An Emergent North American Ni-Cu-PGM Camp



- The right geology for Ni-Cu-PGM: analogous to the giant Noril'sk deposits in Russia
- Known Ni-Cu-PGM Province
- Three significant recent discoveries with higher grades
- Region is under-explored with potential for further large discoveries



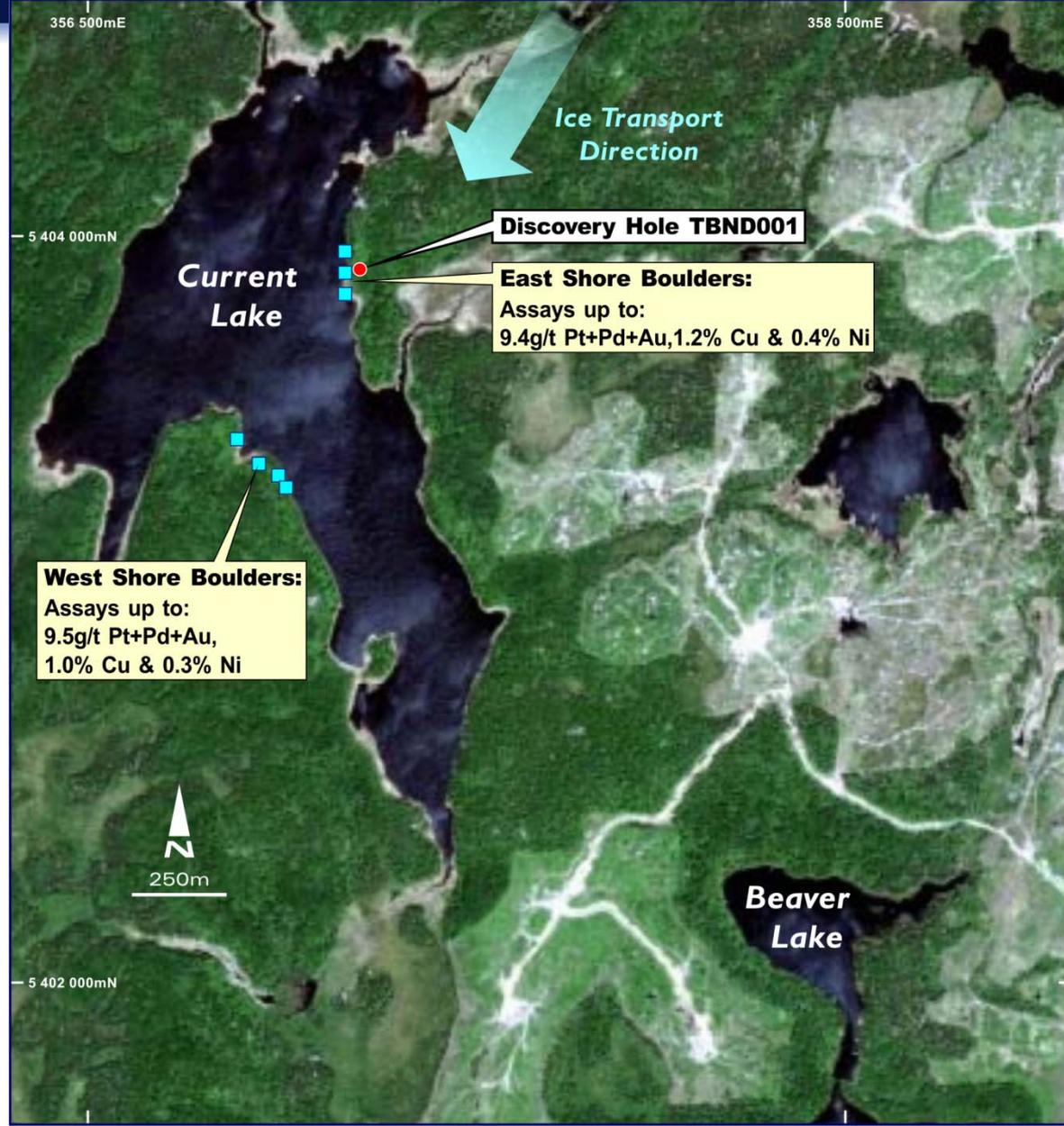
Thunder Bay Projects



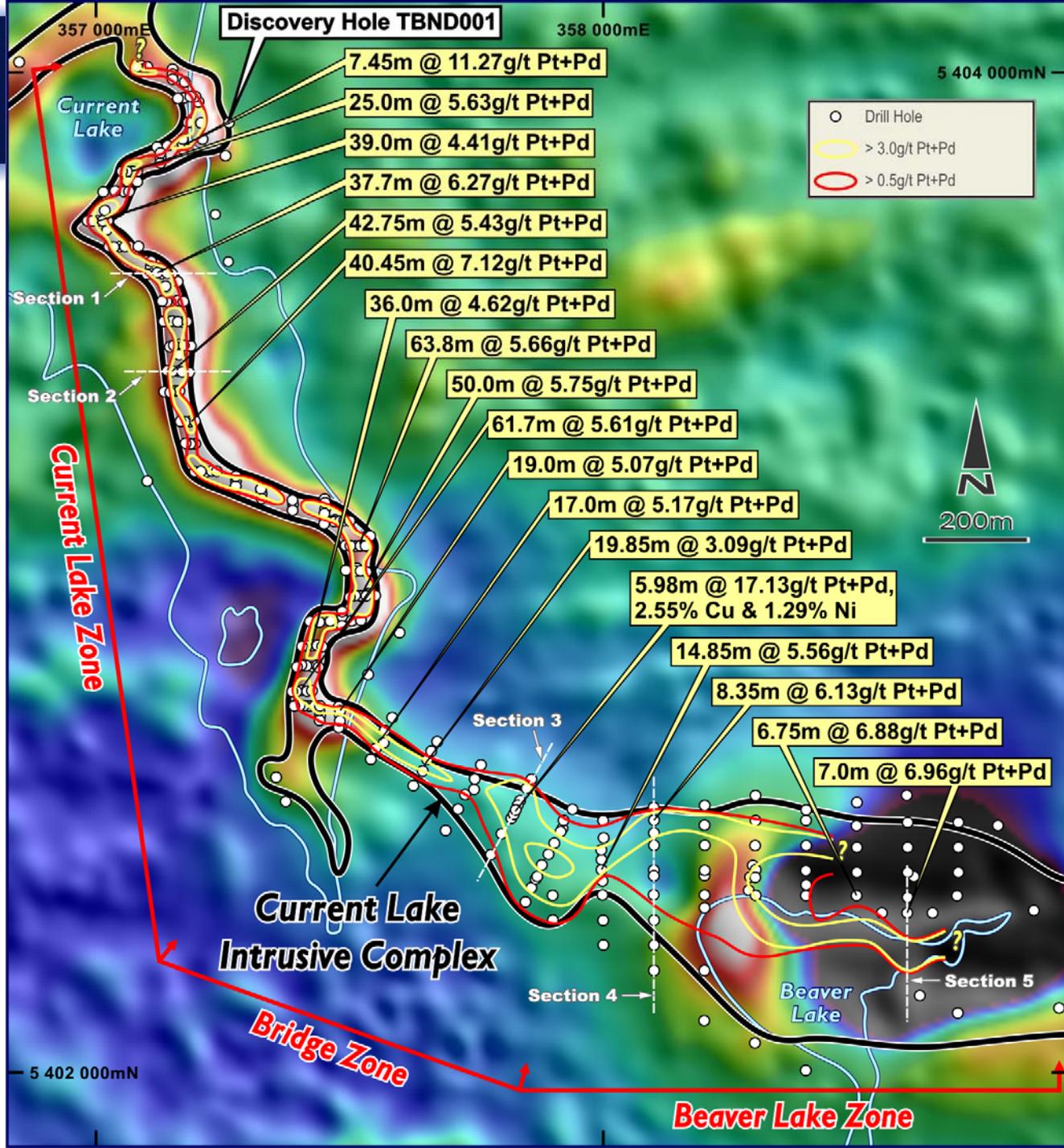
Greenfields Discovery



- PGM-rich transported glacial boulders found on west shore of Current Lake in 2001
- Magma optioned the claims in 2005
- East shore boulder outcrop found in mid-2006
- Discovery hole TBND001 drilled under east shore boulders in December 2006:
10.5m @ 2.8g/t Pt+Pd+Au

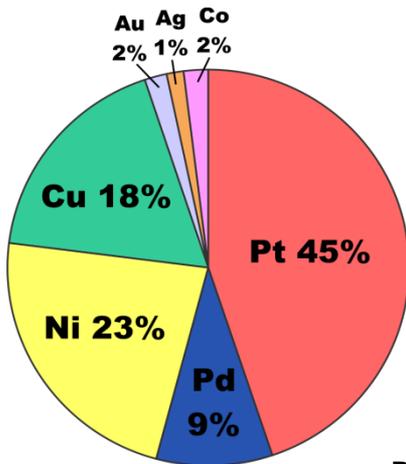
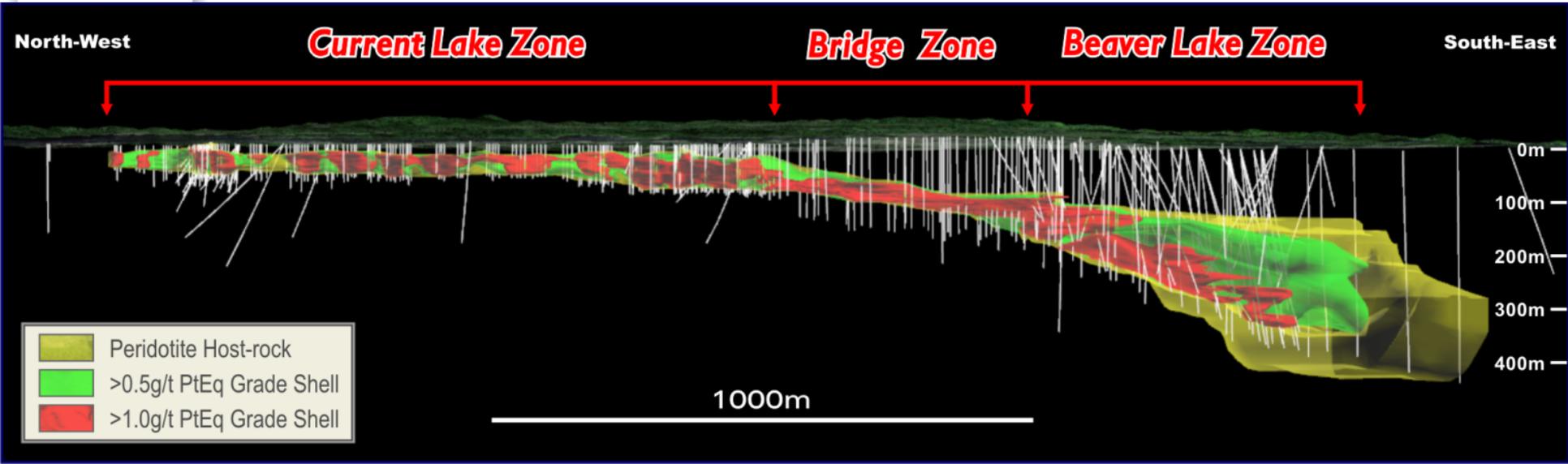


Resource Drilling



- Over 50,000m of diamond drilling between Dec 2006 and June 2009
- 3.4km long magma conduit (tube-like body) hosting Pt-Pd-Cu-Ni-Au-Ag-Co mineralization
- Mineralization open along strike to east and north

Resource Model



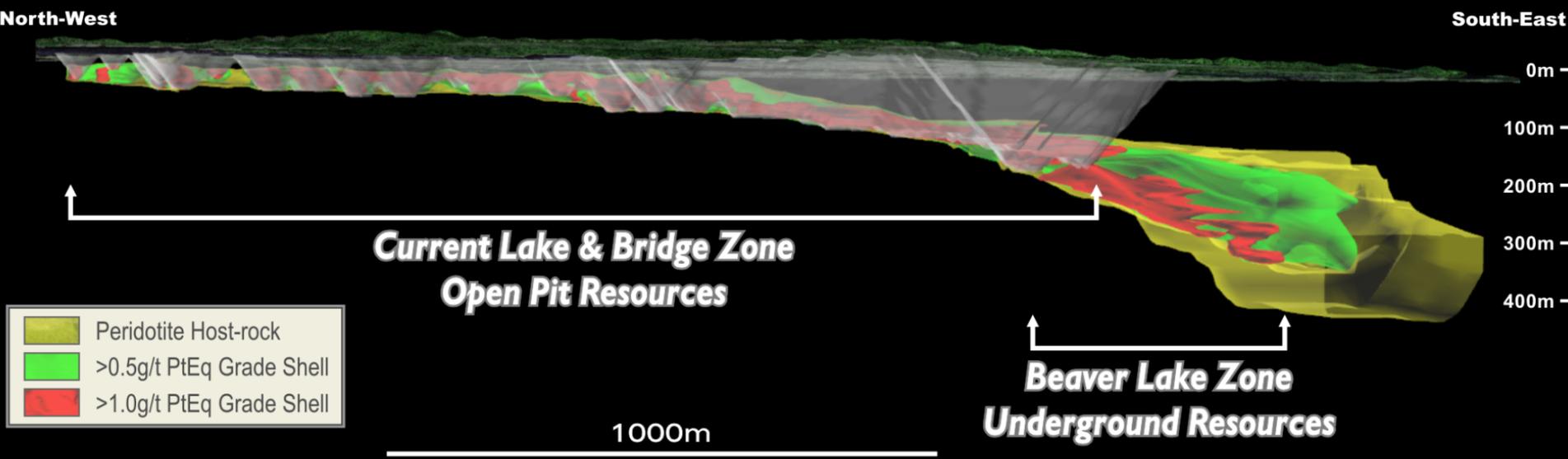
Parameter	Platinum	Palladium	Gold	Silver	Copper	Nickel	Cobalt
Metal price (US\$)	\$1,200/oz	\$250/oz	\$930/oz	\$13/oz	\$2.30/lb	\$7.00/lb	\$15.00/lb
Process Recovery	75%	75%	50%	65%	90%	90% (*)	90% (*)

* Process recoveries for nickel and cobalt are estimated for the sulphide portion of these metals only

$$\begin{aligned}
 \text{PtEq (g/t)} = & \text{Pt (g/t)} + \text{Pd (g/t)} \times 0.21 + \text{Au (g/t)} \times 0.52 + \text{Ag (g/t)} \times 0.01 + \text{Cu (\%)} \times 1.58 \\
 & + [\text{Ni (ppm)}_{\text{total}} - (\text{MgO (\%)} \times 63.49 - 587.2)] \times 0.00048 \\
 & + [\text{Co (ppm)}_{\text{total}} - (\text{MgO (\%)} \times 3.8188 + 23.94)] \times 0.00103
 \end{aligned}$$

Refer to the Company's ASX announcement dated 7th September 2009 for details of the Resource Estimate & Model

Resource Estimate



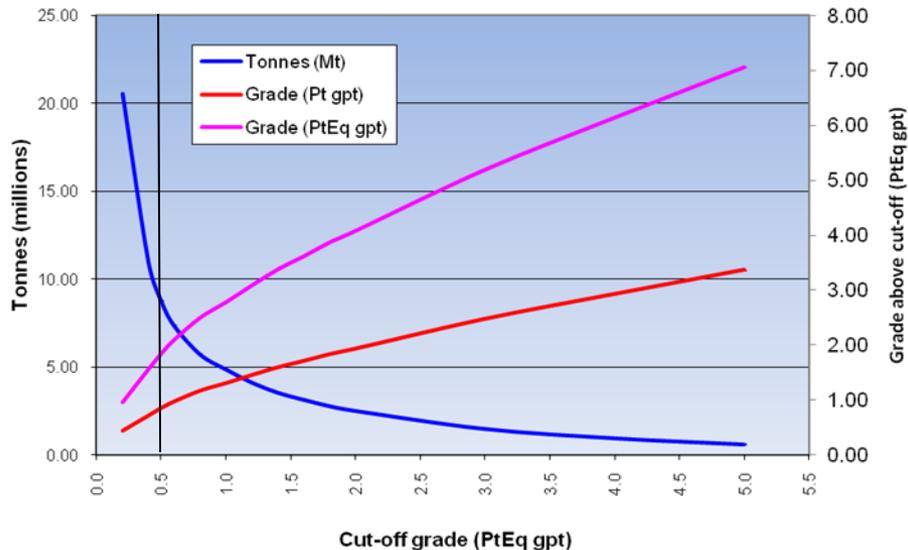
Resource Classification (Au, Ag & Co omitted)	Tonnes Mt	Grade (g/t)			Grade (%)		Metal (000's oz)			Metal (000's t)	
		PtEq	Pt	Pd	Cu	Ni	PtEq	Pt	Pd	Cu	Ni
Open-Pit Indicated (1g/t PtEq cut)	4.3	2.83	1.33	1.26	0.32	0.21	391	184	173	14	9
Open-Pit Inferred (1g/t PtEq cut)	3.0	2.16	0.99	0.94	0.25	0.19	210	97	91	8	6
U'ground Indicated (2g/t PtEq cut)	0.3	3.67	1.66	1.52	0.42	0.28	34	15	14	1	1
U'ground Inferred (2g/t PtEq cut)	0.6	3.02	1.44	1.35	0.32	0.23	55	26	24	2	1
Combined Open-Pit & U'ground: Indicated Resources	4.6	2.88	1.35	1.27	0.32	0.22	425	199	187	15	10
Inferred Resources	3.6	2.29	1.06	1.00	0.26	0.19	265	123	115	9	7



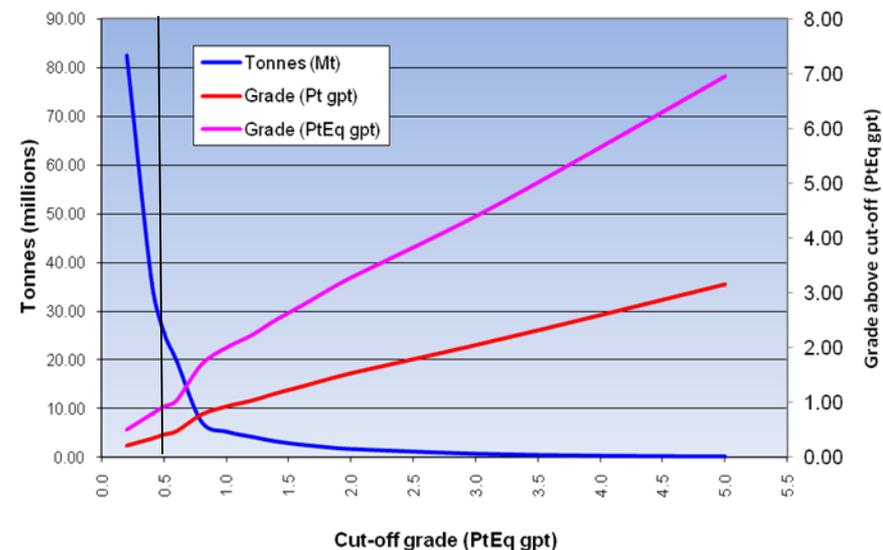
Resource Characteristics

- 90% of resource in Open Pit
- 60% of resource in “Indicated” category
- 40% of resource in “Inferred” category – mainly deeper parts of Open Pit and Underground
- Indicated grade is 25% higher than Inferred grade
- Large tonnage of mineralization at low cut-off grade (e.g 0.5g/t PtEq)
- Infill drilling may increase grade of “Inferred” resource and size of pit

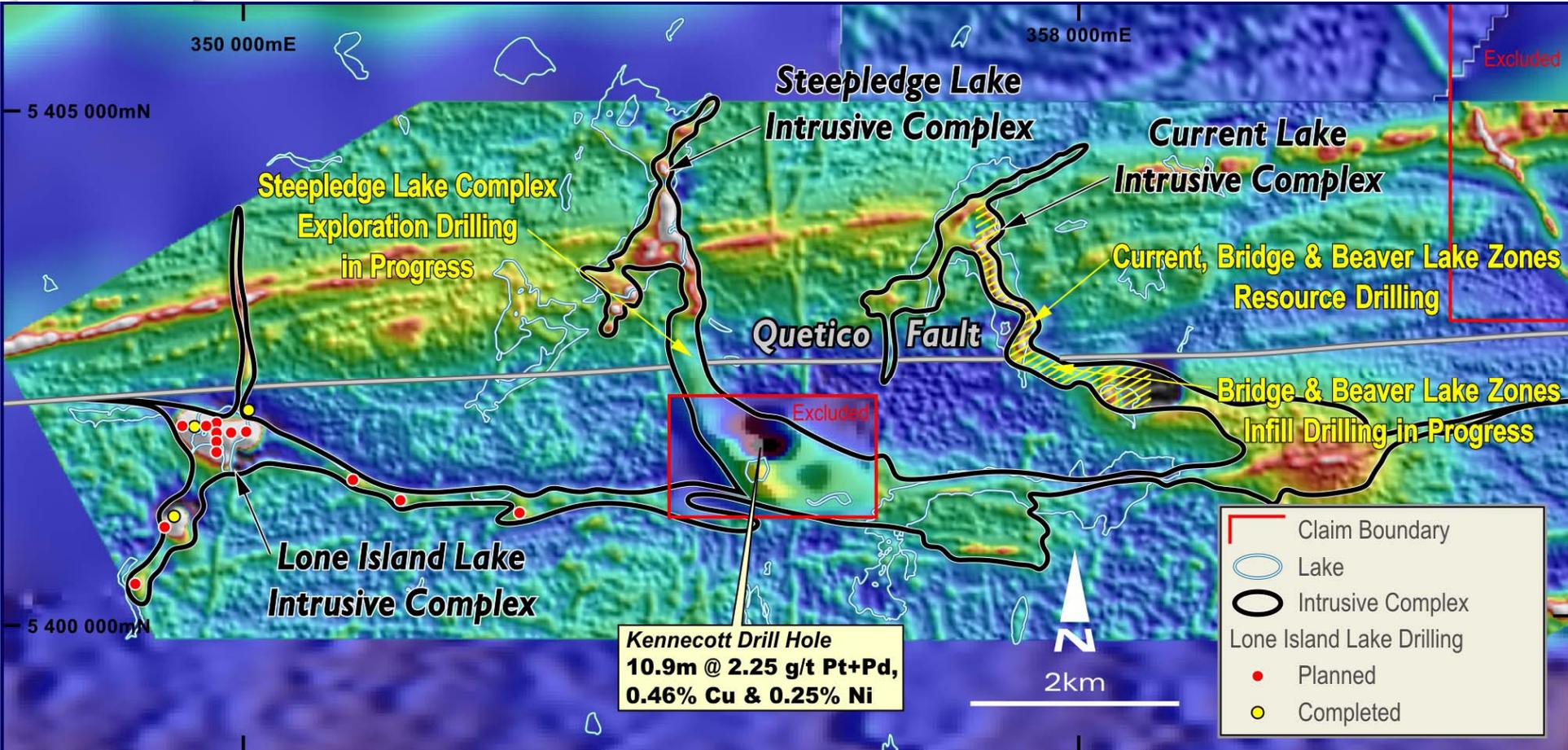
TBN Grade Tonnage Curves
Total Indicated Resources



TBN Grade Tonnage Curves
Total Inferred Resources



Regional Exploration



- Three intrusive complexes form a network of magma-conduits
- Two regional east-west structures may be important controlling features
- Infill & extension drilling at Bridge & Beaver Lake Zones
- Exploration drilling at Steeple Lake & Lone Island Lake

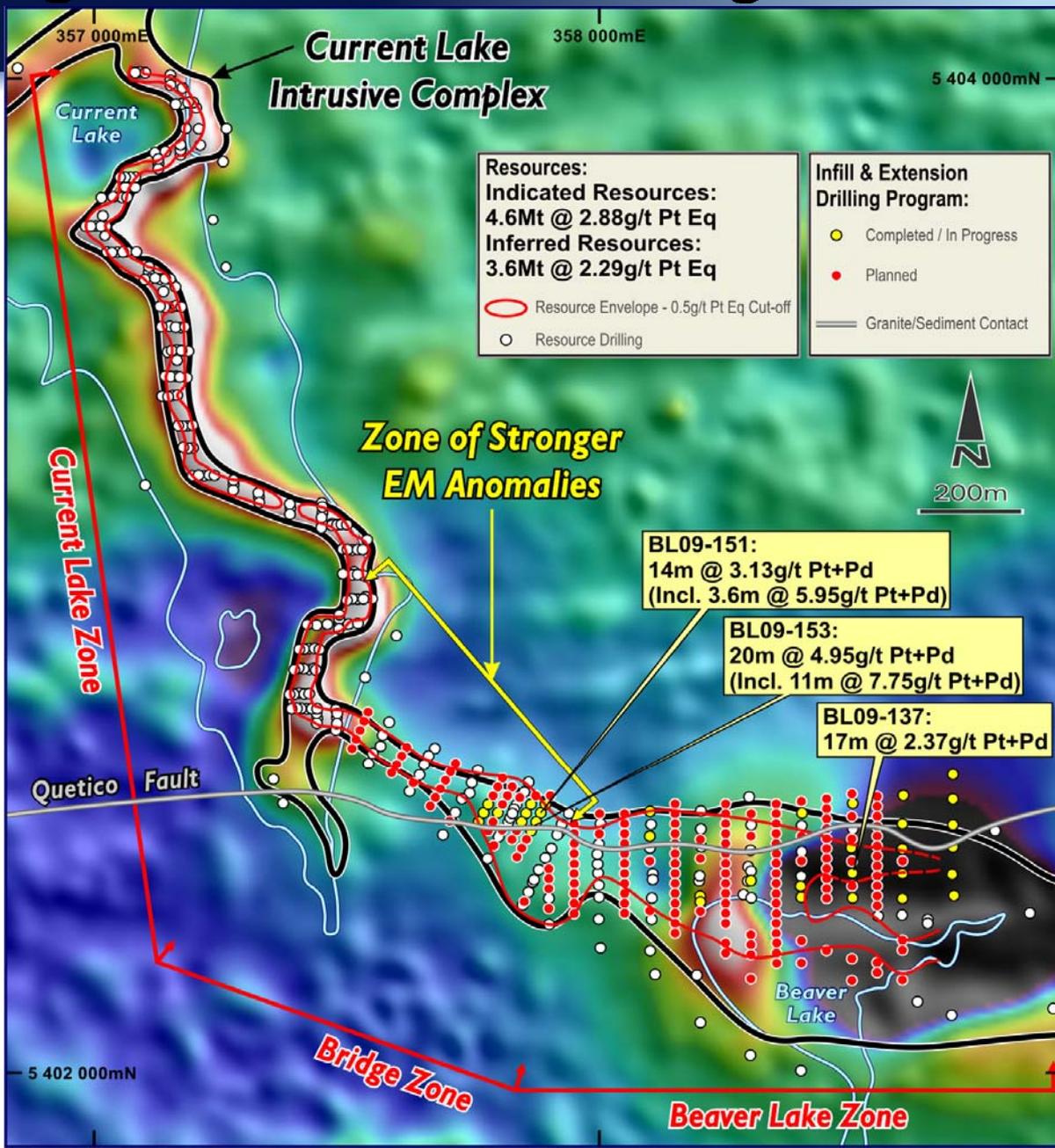
Current Drilling: Beaver Lake & Bridge Zone



Infill & Extension Drilling in progress to:

1. Upgrade Inferred Resources to Indicated status in Bridge & Beaver Lake Zones
2. Extend resources to the east
3. Test EM conductors near the Quetico Fault

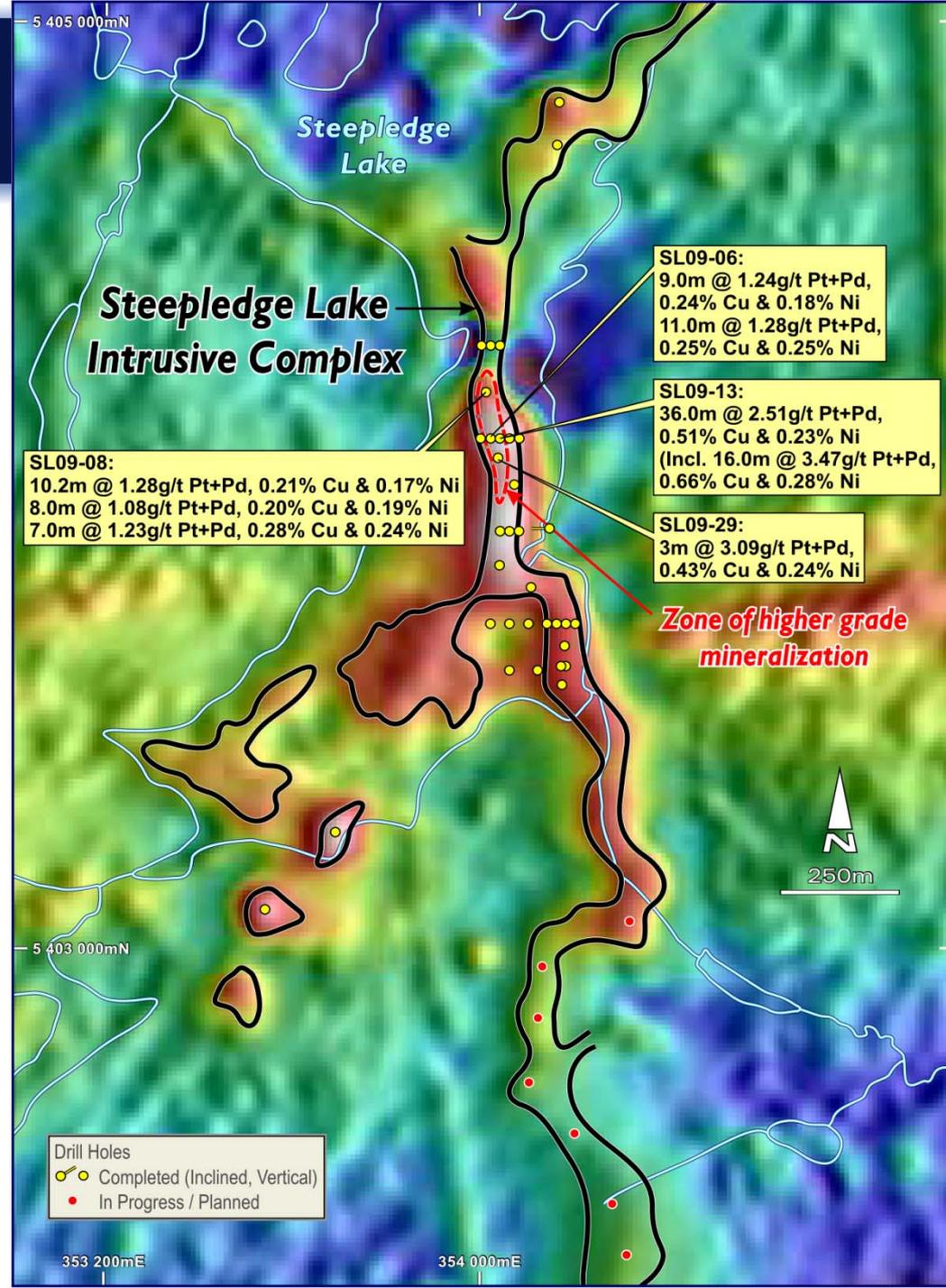
- Approx 12,000m drilling completed
- Approx 40,000m drilling planned



Current Drilling: Steepledge Lake



- 3km-long poorly known magma conduit.
- Approx 6,000m of initial wide-spaced drilling has identified at least one mineralized zone - further results pending.
- Additional 2,500m reconnaissance drilling in progress to south.
- Early results are very encouraging.





Mineralization Styles



Disseminated Sulphide
(~3-5g/t PGM, ~0.4% Cu & ~0.3% Ni)



Net-Textured (Semi-Massive) Sulphide
(~10-20g/t PGM, ~1-2% Cu & ~0.6% Ni)

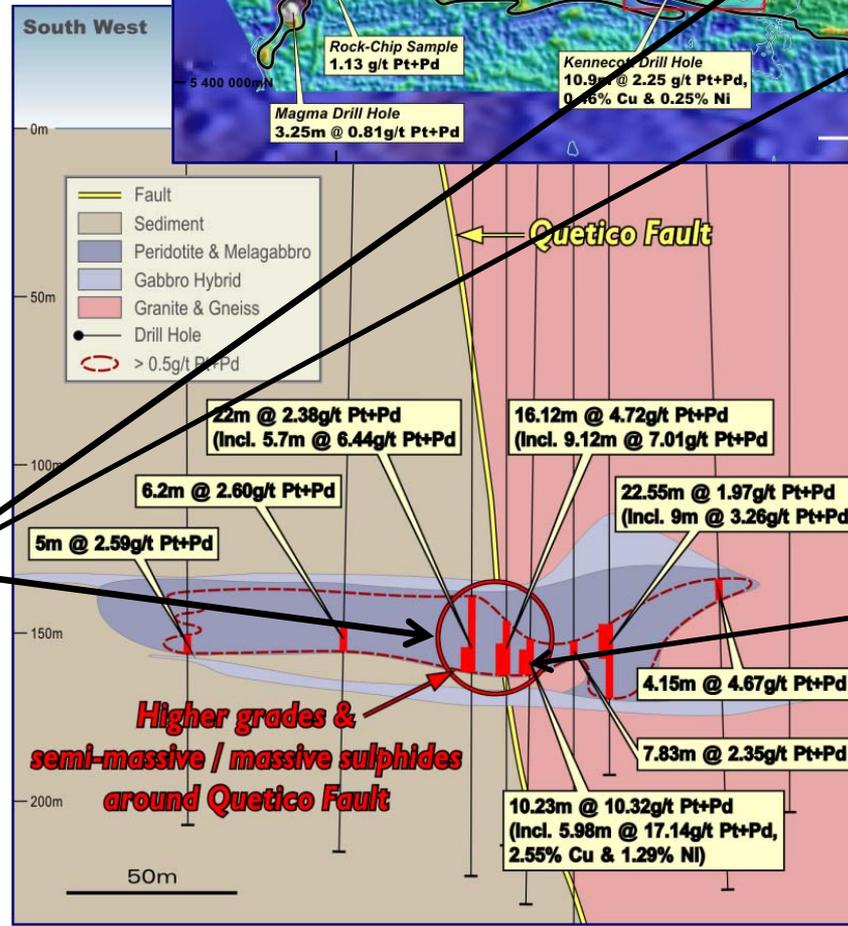
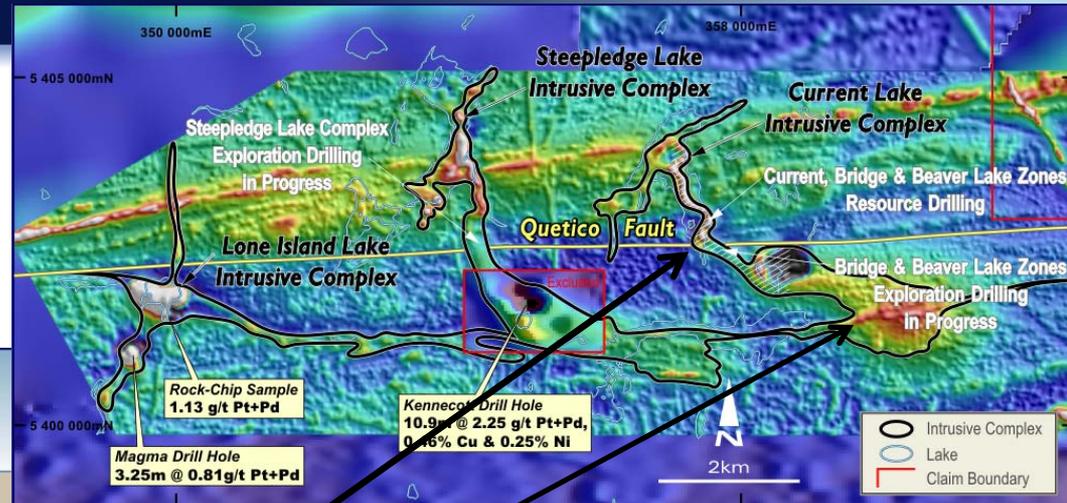


Massive-Sulphide
(~30-50g/t PGM, ~4-8% Cu & ~1-3% Ni)





Potential for Ni-Cu-PGM Massive Sulphides

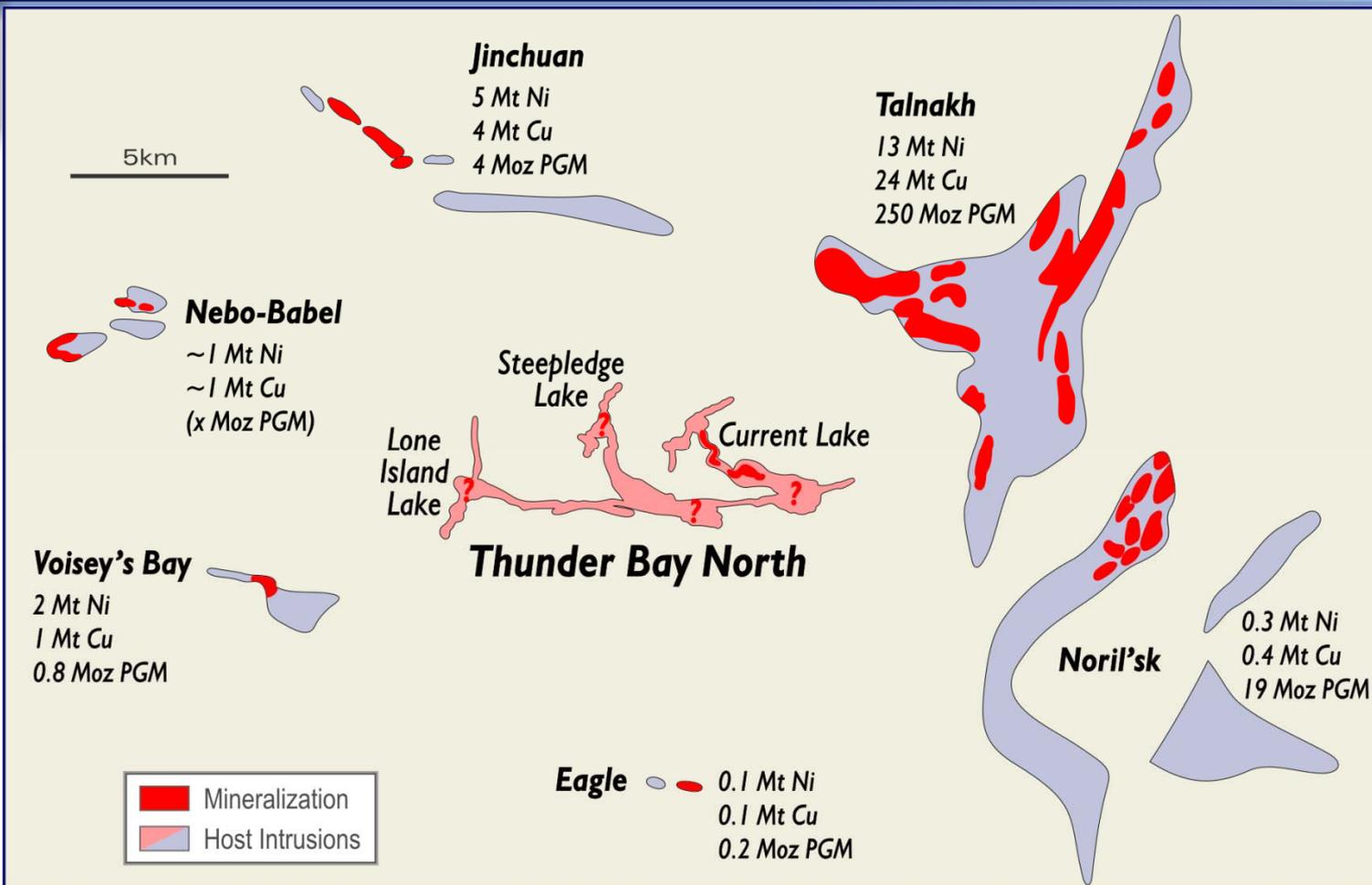


US\$2,000/t rock



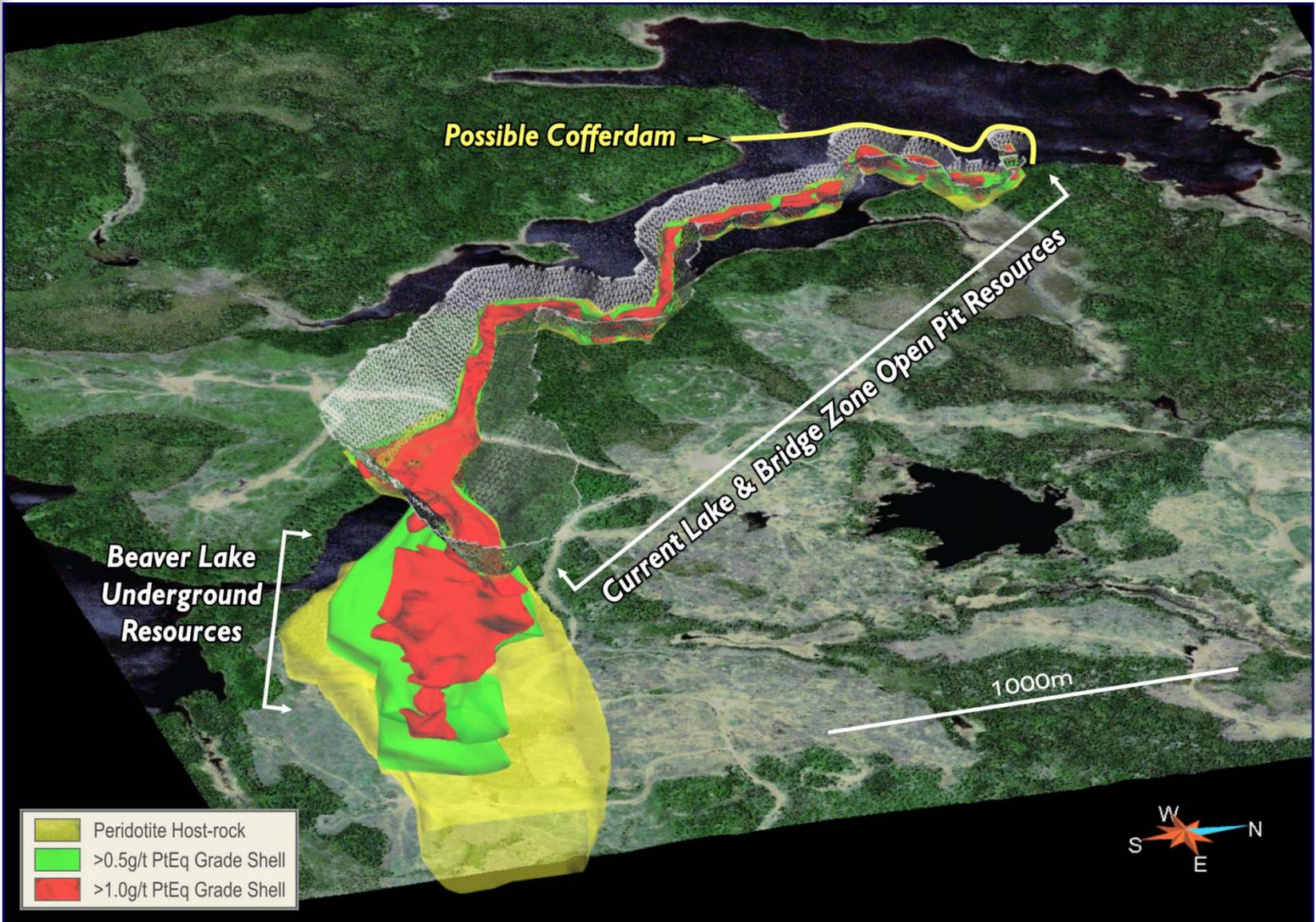
- The right geology: other magma conduits contain massive sulphides
- The Current Lake Complex can generate massive sulphides: e.g BL09-89: **0.81m @ 42.6g/t Pt+Pd, 6.6% Cu & 3.2% Ni**
- Potential Target Areas:
 - Intersection of east-west structures with the magma conduits
 - Zone of EM anomalism between South Current Lake and East Bridge Zone

World Class Ni-Cu-PGM Magma Conduits



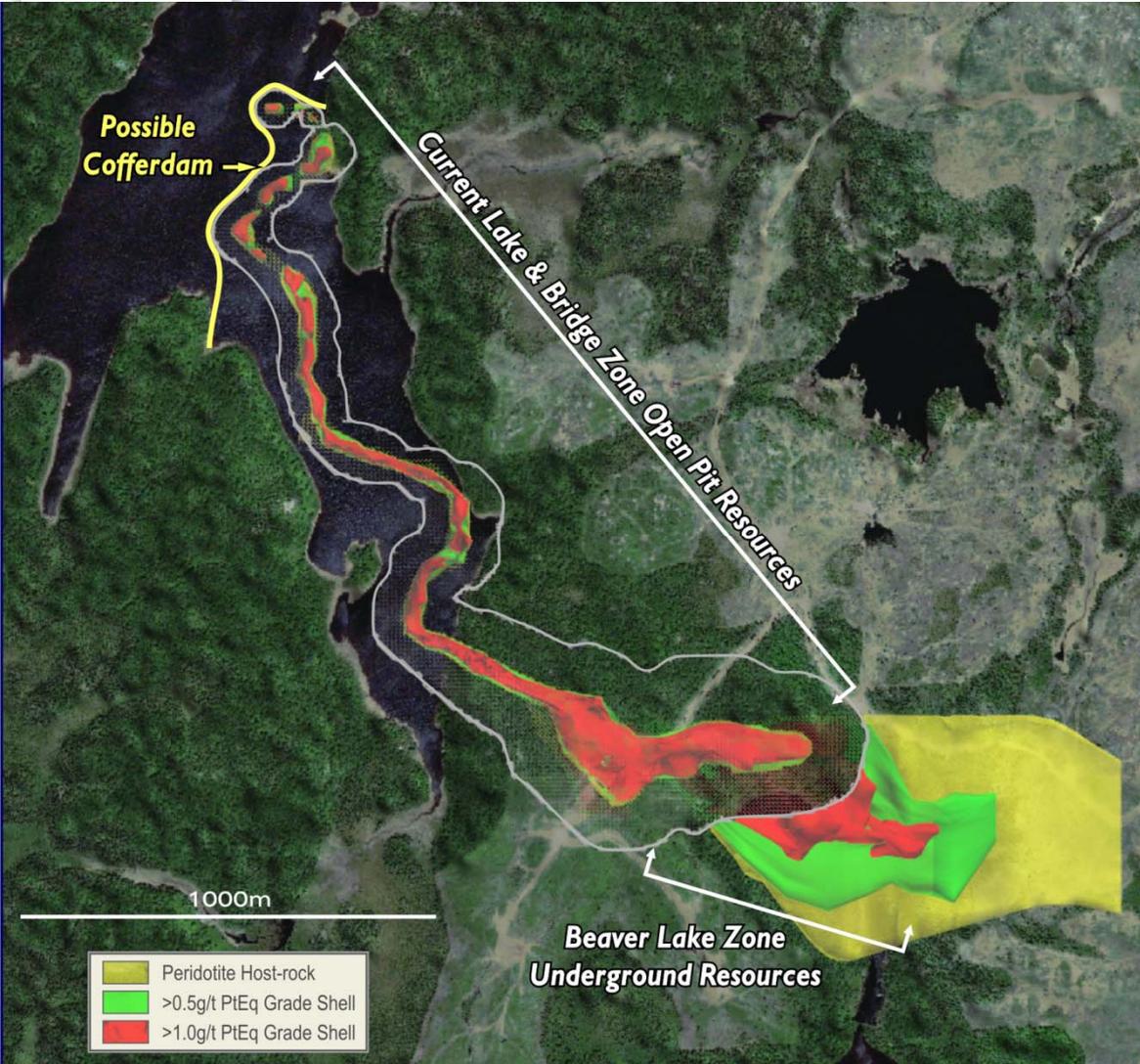
- Footprints of magma conduits hosting “world class” Ni-Cu-PGM deposits
- Thunder Bay North of comparable size
- Only 15% of Thunder Bay North explored by drilling

Mining Concept – Perspective View



-  Peridotite Host-rock
-  >0.5g/t PtEq Grade Shell
-  >1.0g/t PtEq Grade Shell

Mining Concept – Plan View



Cofferdam at Diavik diamond mine, NWT, Canada



Cofferdam construction at Meadowbank Gold project, Nunavut, Canada



Thunder Bay North 2010 Program

2010 Work Program	March Qtr	June Qtr	Sept Qtr	Dec Qtr
Regional Exploration for PGMs & Ni-Cu Massive Sulphides	[Red bar spanning all quarters]			
Infill & Extension Resource Drilling Bridge & Beaver Lake Zones	[Blue bar spanning March and June]			
Updated JORC/NI43-101 Resource Estimate			[Dark blue bar in Sept]	[Dark blue bar in Dec]
Engineering/Economic Studies: PEA: [Purple bar] PFS: [Yellow bar]	[Purple bar spanning March and June]		[Yellow bar in Sept]	[Yellow bar in Dec]
Environmental & Permitting Program	[Green bar spanning all quarters]			



Highlights Summary

Magma Metals Limited

- Precious & Base Metals focus in Canada & Australia
- 164m shares @ C\$0.65 (at 30 October 2009)
- Market Capitalization C\$107m
- ASX listed
- TSX listing anticipated late-2009

Thunder Bay North Platinum Project, Ontario

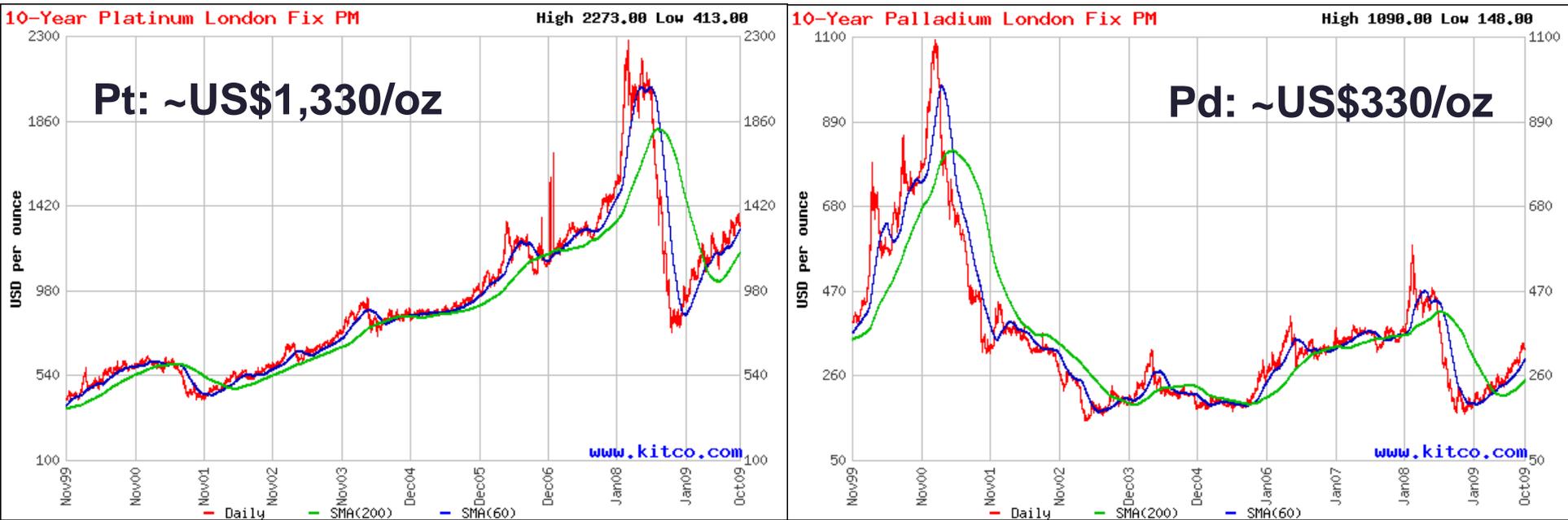
- Initial resource of 690,000oz Pt equivalent with potential for substantial growth – drilling in progress
- Potential for discoveries of additional PGM and massive sulphide Ni-Cu deposits – drilling in progress
- Scoping Study (Preliminary Economic Assessment) commencing December Quarter 2009

Additional Information



- 1. Pt – Pd Fundamentals**
- 2. Resource Cross-Sections**
- 3. Key Australian Projects**
- 4. Director and Management Profiles**
- 5. Magma Metals Contact Details**

Pt & Pd: 10 Year Price History



- Pt & Pd have shown ~100% price increases off late-2008 lows
- Pd price history more volatile than Pt

(Prices at 30 October 2009)

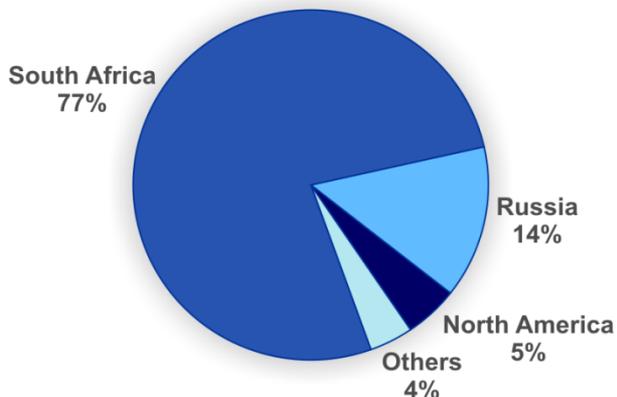


Pt & Pd – Supply & Demand 2008

PLATINUM

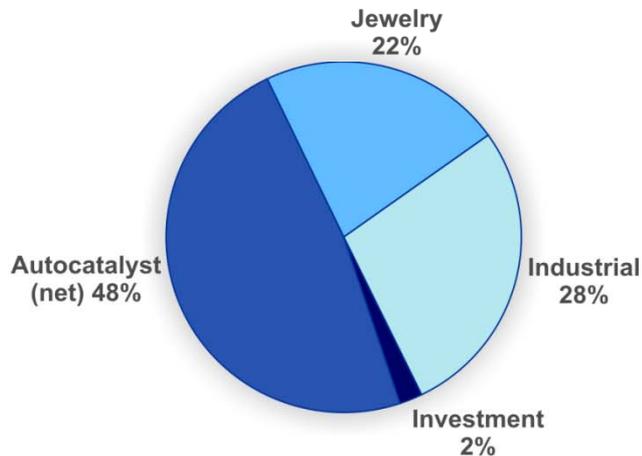
Supply by Region 2008

6.60Moz



Demand by Application 2008

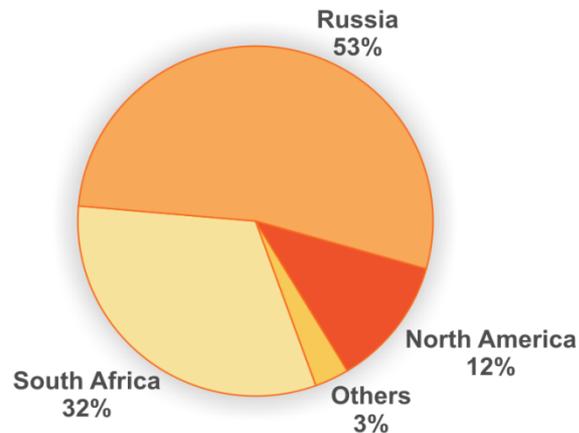
6.68Moz



PALLADIUM

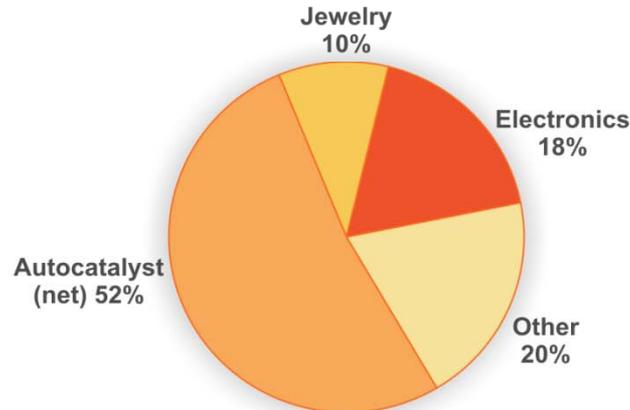
Supply by Region 2008

8.58Moz



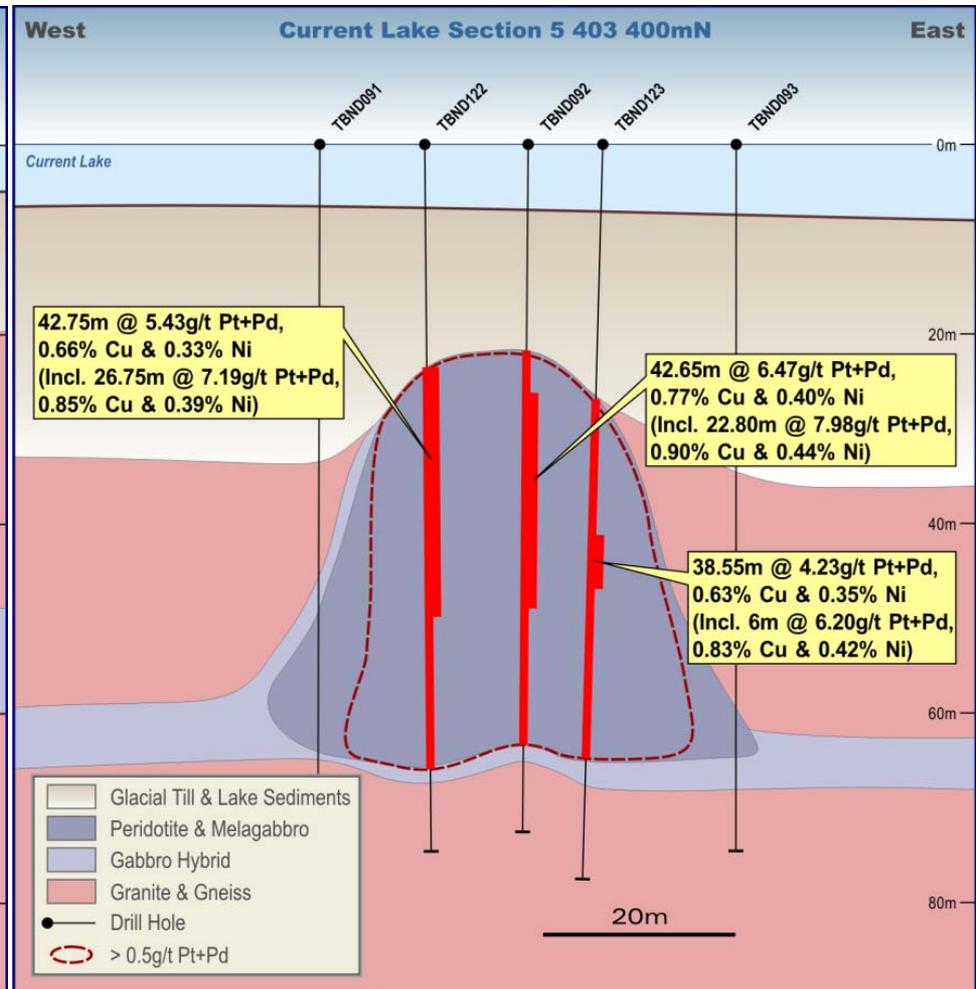
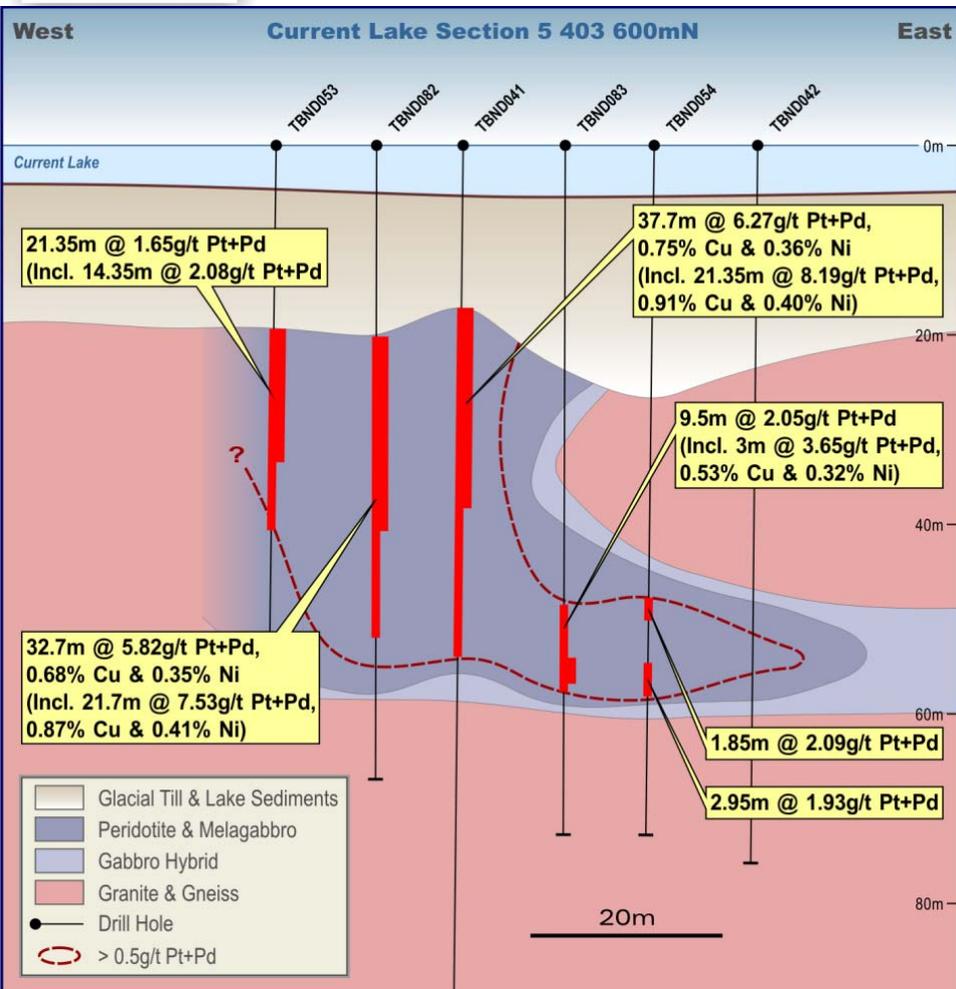
Demand by Application 2008

6.84Moz

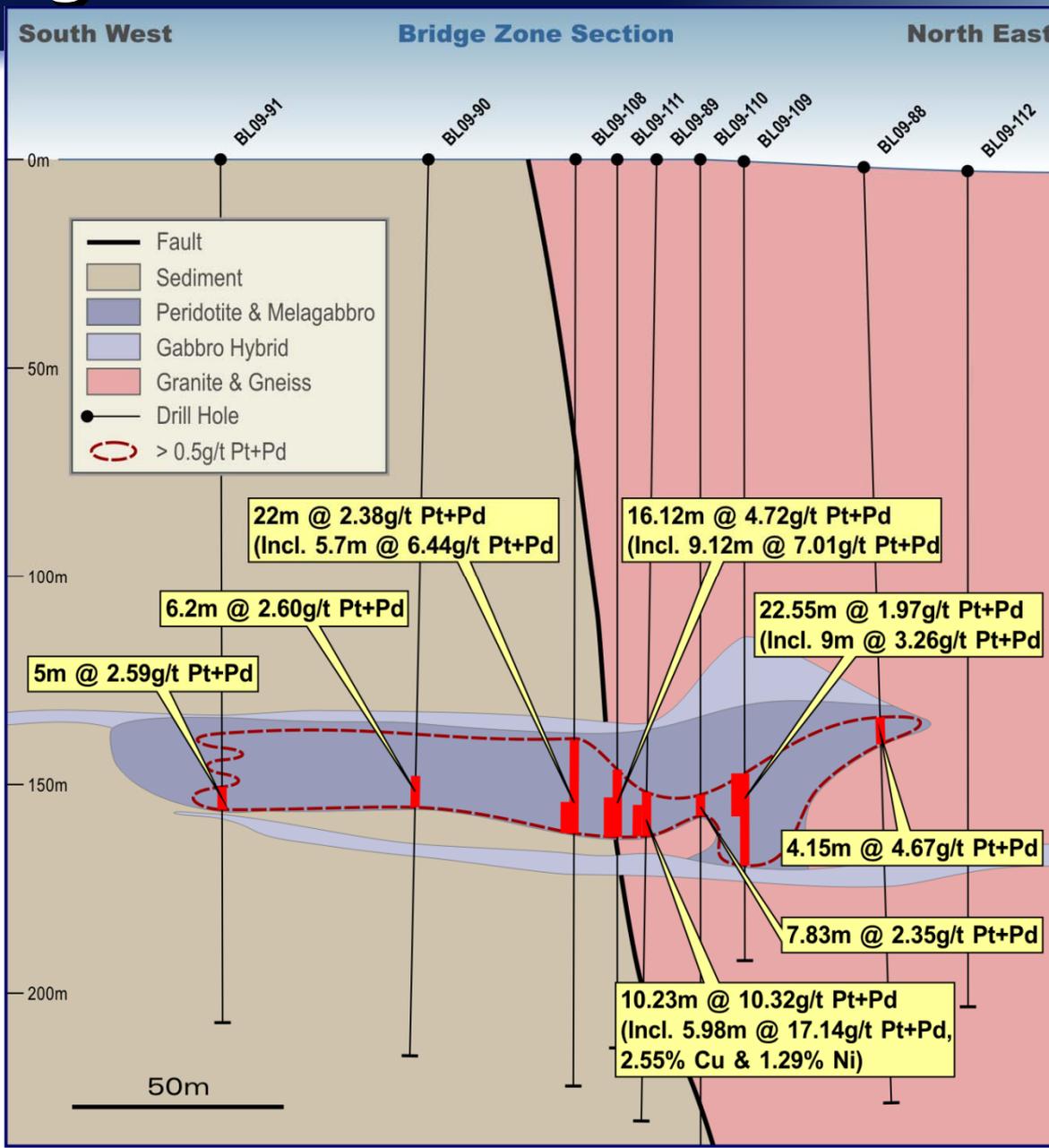




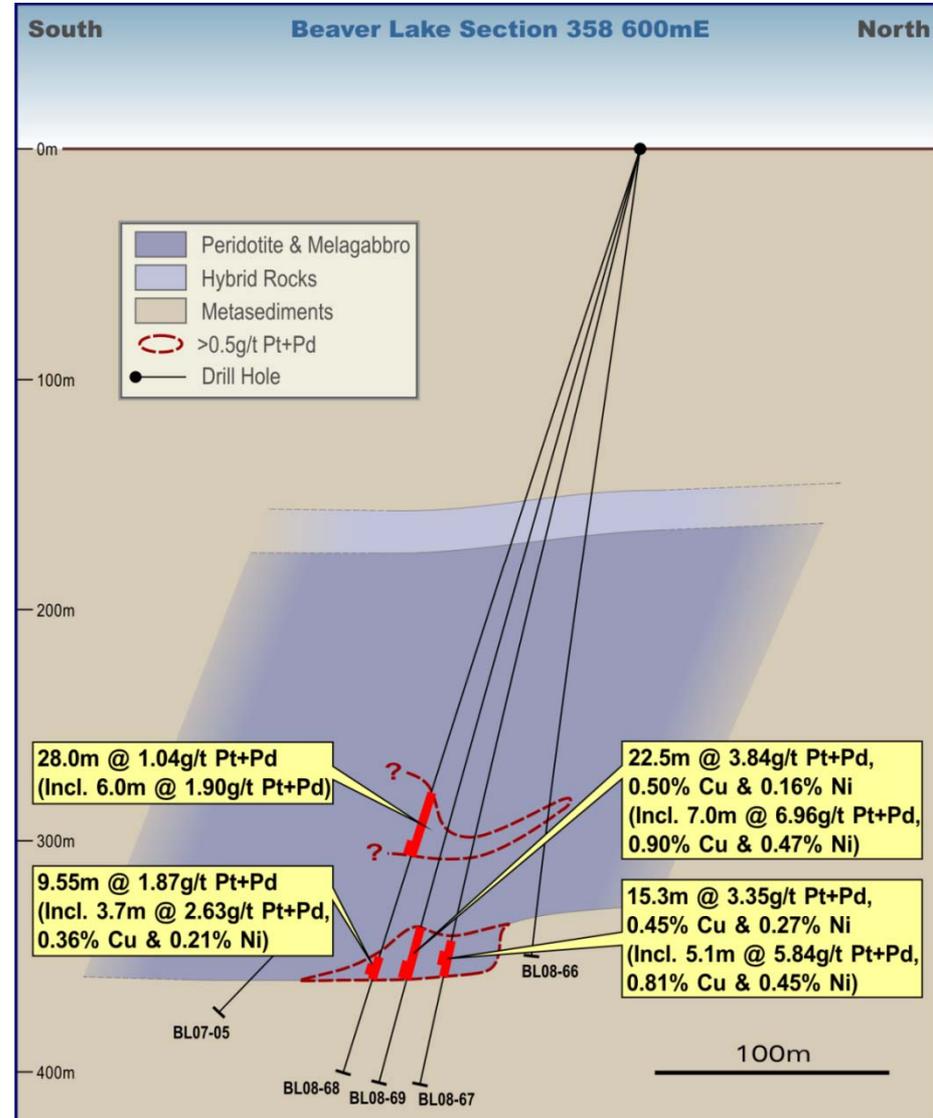
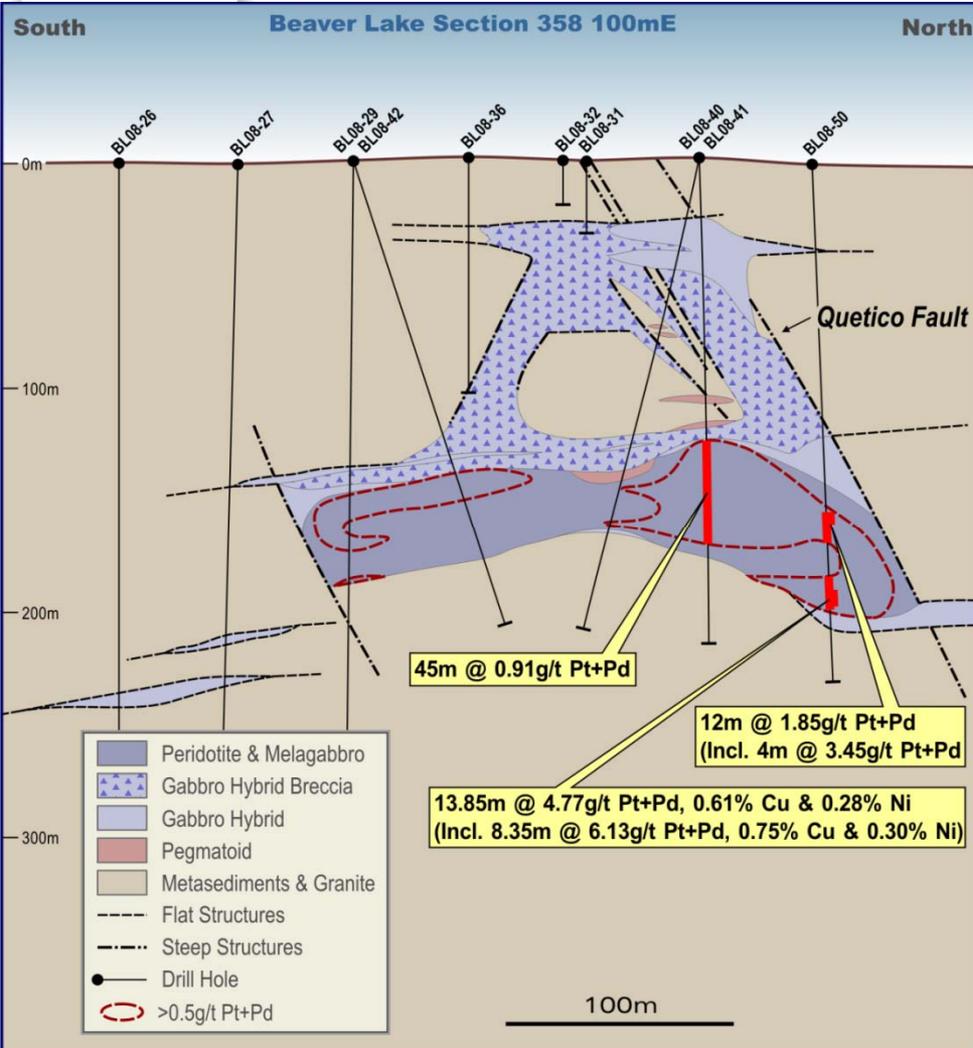
Current Lake Cross-Sections 1 & 2



Bridge Zone Cross-Section 3



Beaver Lake Cross-Sections 4 & 5



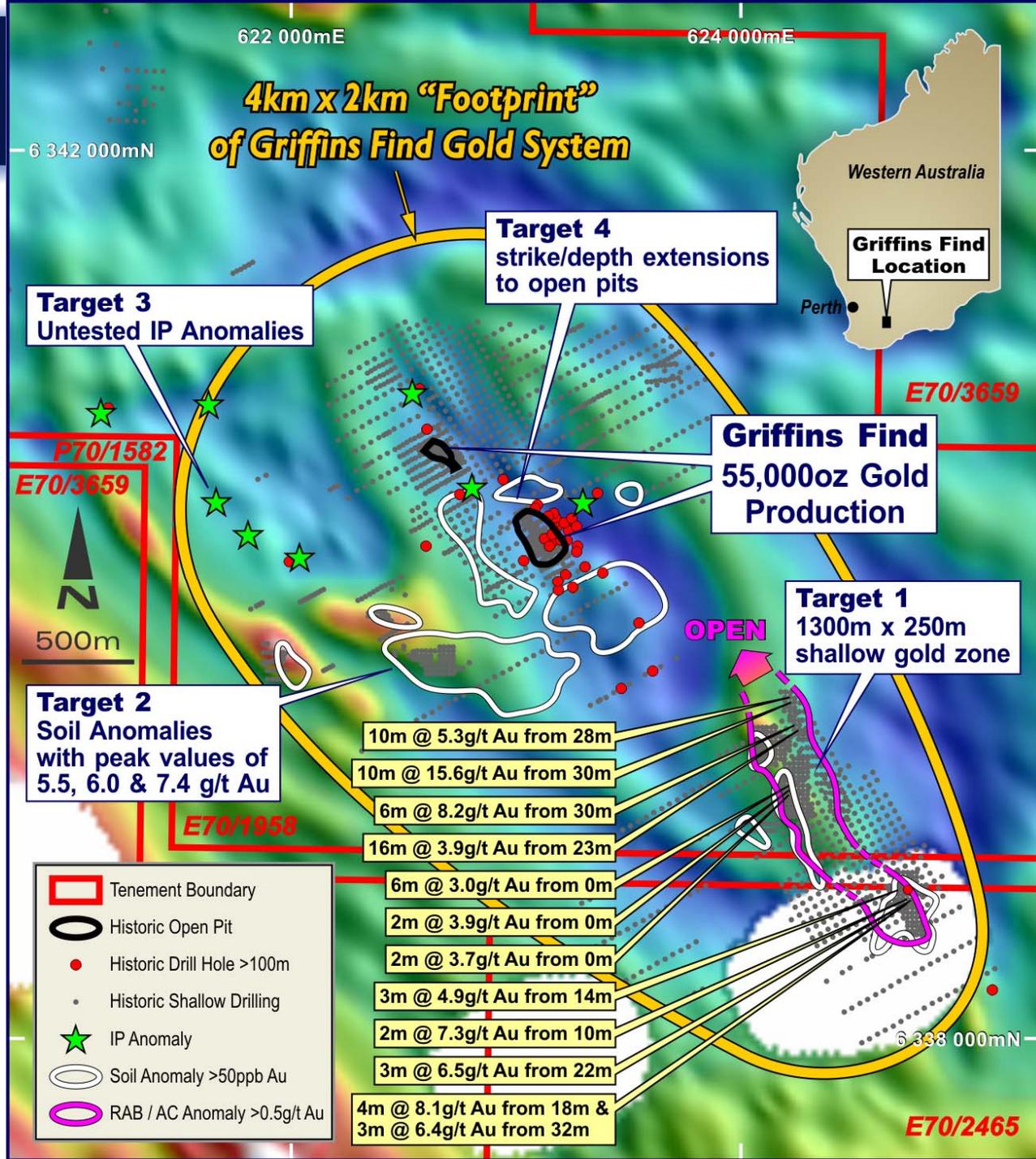
Western Australia Projects



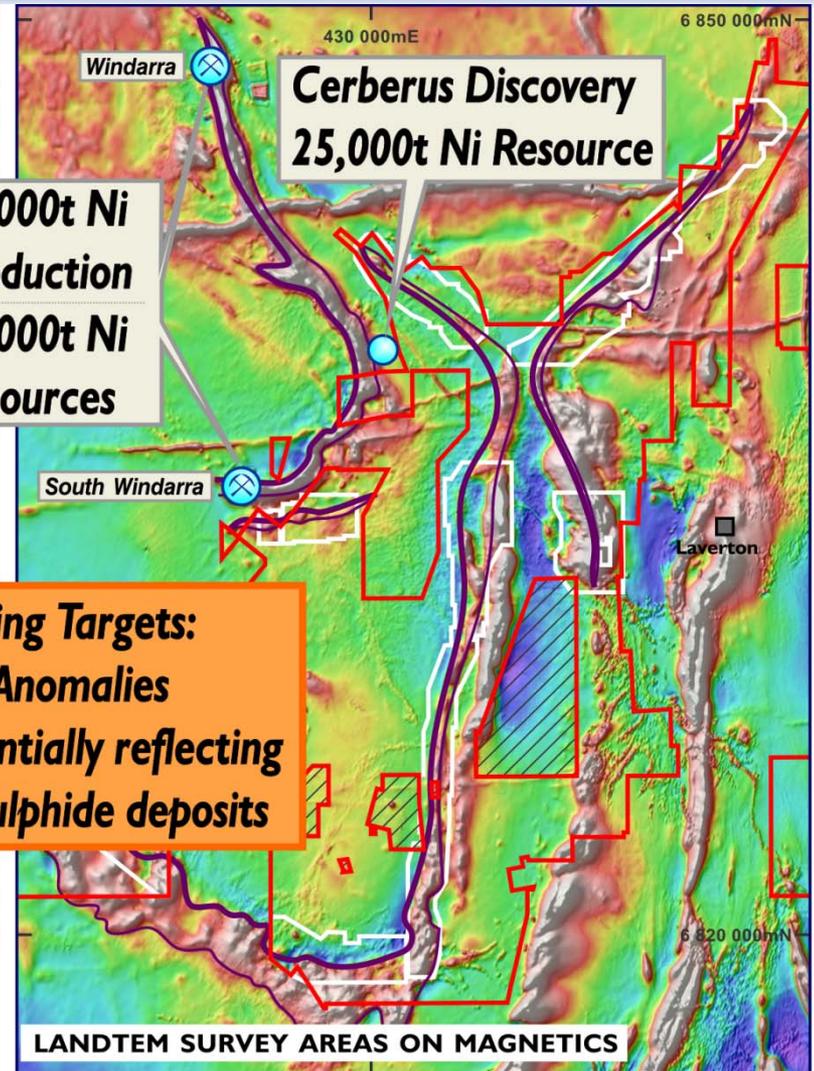
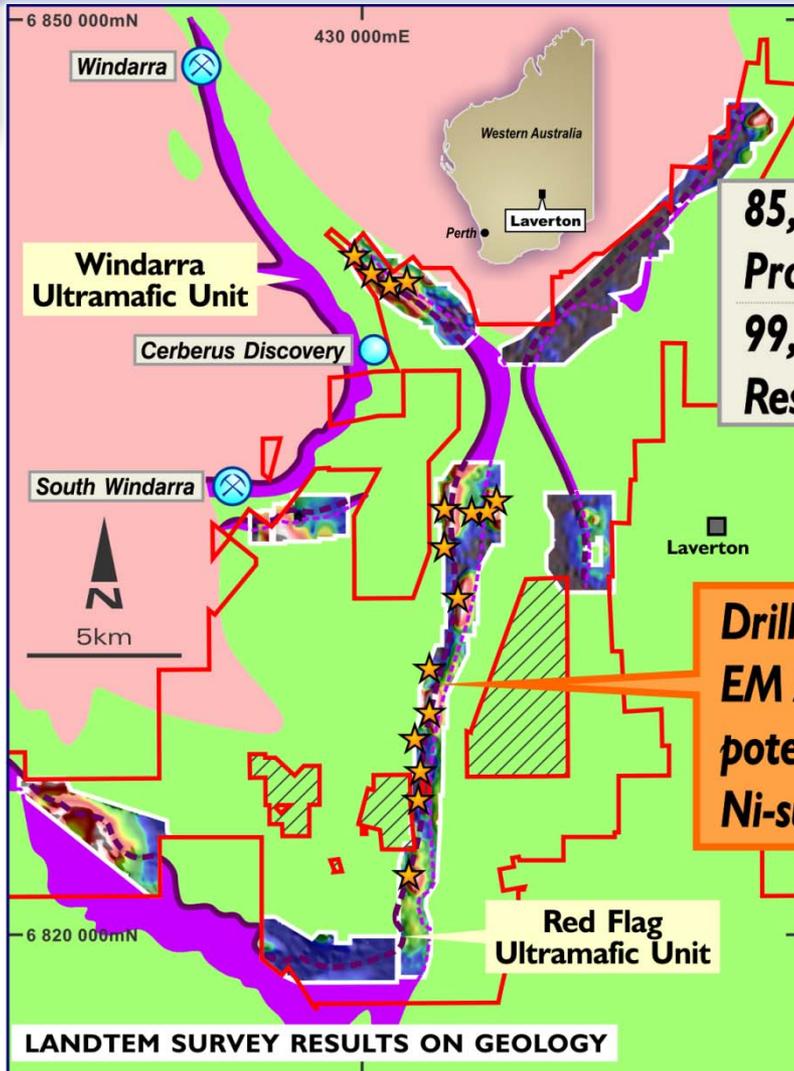
Griffins Find Au



- Large gold footprint around small open pits
- Little exploration below 100m depth
- Potential for large scale gold system
- Drilling planned in March Quarter 2010



Laverton Ni



- | | | | | |
|----------------------|----------------------|----------------------------------|---------------|--------------------|
| Historic Nickel Mine | Granite | Ultramafics | EM Anomaly | Tenement Outline |
| Nickel Discovery | Greenstone Undivided | Basal Contact of Ultramafic Unit | Surveyed Area | Excluded Tenements |



Executive Director & Management Profiles

EXECUTIVE DIRECTORS

Dr Keith Watkins, BSc (Hons), PhD – Executive Chairman & CEO

Geologist: 30 years' global experience in exploration and mine/business development. Former Head of Exploration with Goldfields and Sons of Gwalia. Founding Director.

Ralph Porter, BSc, MSc – Executive Director - Exploration, Australia

Geologist: 30 years' global experience in exploration and development. Several senior management positions, including Manager New Projects, Sons of Gwalia. Founding Director.

Max Cozijn, BCom, ASA – Executive Director - Corporate

Accountant: Extensive experience in junior mining and exploration sector. Chairman of Oilex & Malagasy Minerals and Non-Executive Director of Carbon Energy (all ASX-listed). Founding Director.

SENIOR MANAGEMENT

Graeme Scott, FCCA – CFO & Company Secretary

Accountant: Extensive UK and Australia experience; formerly Group Accountant & Company Secretary with Carbon Energy.

Dr Bill Stone, BSc (Hons), PhD (P.Geo) – VP Exploration – Canada (from 30 Nov '09)

Geologist: 25 years' research & exploration experience in Canada, USA & Australia. Former VP Exploration Goldbrook Ventures & North American Palladium. Ni-Cu-PGM specialist.

Al MacTavish, BSc(Hons), MSc (P.Geo) – Exploration Manager, Thunder Bay Projects

Geologist: 30 years' exploration experience in Canada. Extensive Ontario experience including periods with the Ontario Geological Survey. Ni-Cu-PGM specialist.

Jennifer Abols, BSc (Hons), MBA (P.Eng) – Project Development Manager

Metallurgist: Extensive experience with mining & engineering companies in Canada and Australia.



Non-Executive Director Profiles

Terry Burgess, BSc (Hons), ACMA – Non-Executive Director

Metallurgist: Former CEO of Delta Gold & Aurion Gold, Global Head Metals & Mining ABN AMRO & Head of Business Development Anglo Base Metals, a division of Anglo American. Currently Managing Director & CEO of Oz Minerals Ltd based in Melbourne.

Peter Whitcutt, BCom (Hons), MBA – Non-Executive Director

Accountant: 20 years with Anglo American in various positions, including Head of Finance. Currently Group Director Strategy & Business Development with Anglo American based in London.

Neil Fearis, LLB (Hons) – Non-Executive Director

Lawyer: 30 years' experience as a commercial lawyer, mainly in resources. Consultant to national law firm Minter Ellison. Non-Executive Director of Perseus Mining Ltd, Carnarvon Petroleum Ltd and Non-Executive Chairman of Kresta Holdings Ltd (all ASX-listed). Based in Perth



Magma Metals Limited (ASX: MMB)

www.magmametals.com.au

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