

Lower cost nickel, gold and PGM optionality

Australian Shareholders Association, Perth Tuesday 7 May 2013

WWW.PANORAMICRESOURCES.COM | ASX: PAN

Forward Looking Statement

vision commitment results



This presentation contains "forward-looking statements". Such forward-looking statements include, without limitation:

- estimates of future earnings, the sensitivity of earnings to metal prices and foreign exchange rate movements;
- estimates of future metal production and sales;
- estimates of future cash flows, the sensitivity of cash flows to metals prices and foreign exchange rate movements;
- statements regarding future debt repayments;
- estimates of future capital expenditures;
- estimates of reserves and statements regarding future exploration results and the replacement of reserves; and
- statements regarding modifications to the Company's hedge position.

Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we operate or sell product to, and governmental regulation and judicial outcomes.

For a more detailed discussion of such risks and other factors, see the Company's Annual Reports, as well as the Company's other filings. The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement" to reflect events or circumstances after the date of this presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.



Panoramic at a glance

Cash

Hedge Book Value

Enterprise Value

vision commitment results



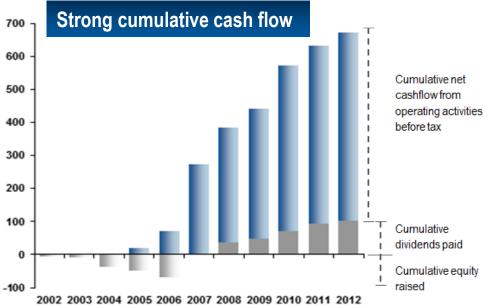
Panoramic Nickel Gold	Panoramic PGMs Exploration	
Market Cap and Enterp	orise Value Pro forma	700 ך
S&P Index	S&P/ASX300	600 -
Shares on issue	256M	500 -
Share Price	~\$0.28 (6 May 2013)	400 -
Market Capitalisation	~A\$72M	300 -

~A\$37M (31 March 2013)

~A\$800K (31 March 2013)

~A\$34M

Significant Resource Base as at 31 Dec 12				
Platinum + Palladium	2.8M oz			
Gold	2.2M oz			
Nickel	193kt			
Copper	42kt			
Cobalt	4kt			



Panoramic Leadership

vision commitment results



Exploration, Resources, Geology

Our Board



Brian Phillips Non Exec. Chairman Over 50 years extensive mining industry experience.



Peter Harold Managing Director Over 26 years corporate experience in the minerals industry.



Christopher Langdon Non Exec. Director Over 25 years of corporate finance and management experience.



John Rowe Non Exec. Director Over 40 years experience as a geologist with extensive mining expertise.



Our Senior Management Team









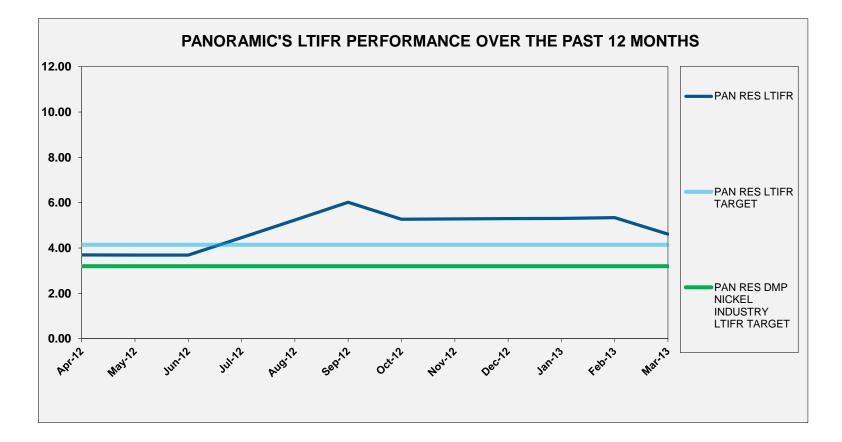
Trevor Eton CFO / Company Secretary Finance and Accounting Over 25 years corporate experience in the minerals industry. **Christopher Williams** Gold **General Manager Project Development & Technical Services** Over 30 years experience as a mining **PGMs** engineer in the mining industry. **Savannah Operations** Terry Strong **General Manager, Nickel Operations** Over 17 years experience as a mining Lanfranchi Operations engineer in the mining industry. Angus Thomson **Business Development Manager Business Development** Over 15 years experience as a geologist and business development in the mining industry. John Hicks

Experienced Board and management team with track record of discovery, development and production

Safety performance



- Focusing on the "basics" at shop floor level
- No Lost Time Injuries reported during the March Quarter
- LTIFR at end of the March 2013 Quarter 4.61 (Internal target 4.14)



Value Created for Shareholders

5.0

7.0

FY2008

Interim Dividend (cents per share)

2.0

FY2009

18

16 14

12 10

8

6

4

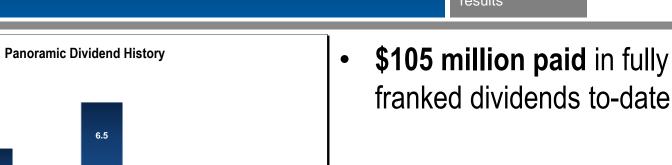
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0

12.0

FY2007

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450 400 350 300 uo 250 ₹ 200 150 100 50 0 2005 2006 2007 2008 2009 2010 2011 2012 Cash flow from operating activities before tax Total liabilities ■ Shareholders equity Total assets

10.0

FY2010

2.0

4.0

FY2011

Final Dividend (cents per share)

2.0

FY2012

10

FY2013

Shareholder equity and total assets continue to grow

PAI

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March 2013 Quarter Highlights



Balance Sheet	 \$54 million in cash, term deposits and current receivables 	
Group Nickel Production	 4,706t Ni, up 8% on previous quarter \$9 million in free cash flow generated in quarter Full year guidance narrowed to 18,500-19,000t Ni 	
Savannah Extension	 Positive results from drilling below the 900 Fault 	
Jury-Metcalfe	 Maiden Resource of ~6,400t Ni reported 	
Gold	 Gidgee - BFS drilling close to completion Mt Henry – BFS drilling completed 	
PGMs	 Thunder Bay North – Laboratory testing utilising the KELL Process returned positive results 	
Corporate	 \$2.5 million in cost savings achieved across the Nickel Division Target remains to reduce Group cost base by \$10-15 million per annum 	



New ventilation fans at Savannah

Our Achievements



Savannah	• Financed, built and commissioned the open pit and underground mines, 1Mtpa concentrator (\$65 million)	
Lanfranchi	 Purchased and commenced underground mining (\$25 million) 	
Resource & Reserves	 Added significant nickel resource and reserves through exploration success (Deacon 70kt Ni, Savannah Lower Zone, Gidgee) 	
Nickel Production	 Grown from 6kt Ni in 2005 to a record of 19,791t Ni in FY12 	
Aggregate Production	Over 114kt Ni contained since 2005	
Dividends	 Paid \$102 million in fully franked dividends (51.5 cents per share) to shareholders to end FY12 	
Diversification	 Added 2.2Moz gold and 2.8Moz PGMs to existing resource base 	



Development expertise - Savannah

vision commitment results



2001 - Core Farm & first drill rig



2002 - Resource drilling



2003 - Process Plant construction



2004 - Process Plant commissioning



Current – Mining from u/g at +700ktpa



History

- 1973 Discovered by Anglo American
- 2001 Acquired by Sally Malay Mining (Panoramic) for \$1.7 million
- 2004 Built and commissioned process plant, open pit mine and associated infrastructure for a cost of \$65 million
- 2008 Extended mine life with addition of Lower Zone Reserve
- **2010** Extended offtake agreement with Jinchuan to 2020
- 2012 Strong mineralisation intersected below the 900 Fault

Development expertise - Lanfranchi

vision commitment results



ANORAMIC

LANFRANCHI VILLAGE

2004 - Purchased from Western Mining Corp

2006 - Commenced mining activities at Winner





2005 - Re-commenced mining



2009 - Renewed offtake with BHP Nickel West to 2019



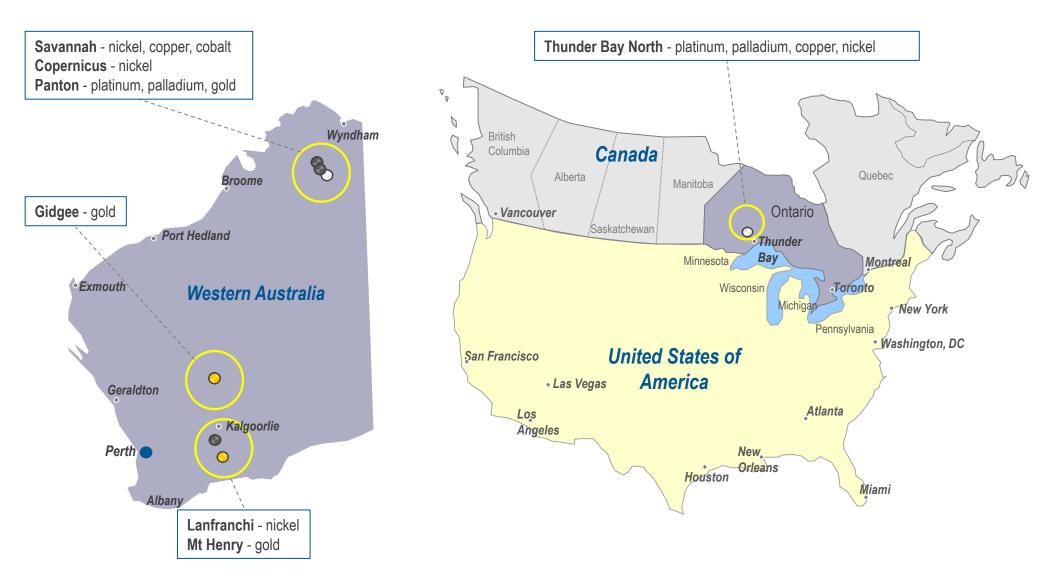


History

- 2004 Purchased from WMC
- 2005 Commenced mining
- 2006 Commenced mining activities at Winner
- 2007 Deacon Orebody discovery
- 2009 Construction of Deacon ventilation shaft
- 2009 Offtake contract extended to 2019
- 2011 Village built and commissioned
- 2012 New mineralised zone discovered at Jury Metcalfe

Panoramic's project locations





Panoramic Nickel - Overview

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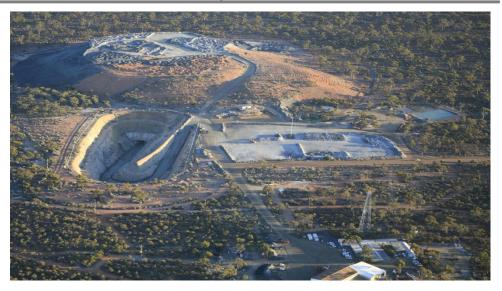
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Savannah Nickel Project



Products	Nickel, Copper, Cobalt in concentrate
Mining	Open stoping with paste fill
Processing	1.0Mtpa, SAG mill, flotation and filtering
Production	7-8,000t Ni pa, 4-5,000t Cu pa & 350-400t Co pa
Life	Ore Reserves to FY2017
Offtake	The Jinchuan Group until 2020
Workforce	~265 employees and contractors
Copernicus	~78% interest in the satellite Copernicus open pit

Lanfranchi Nickel Project

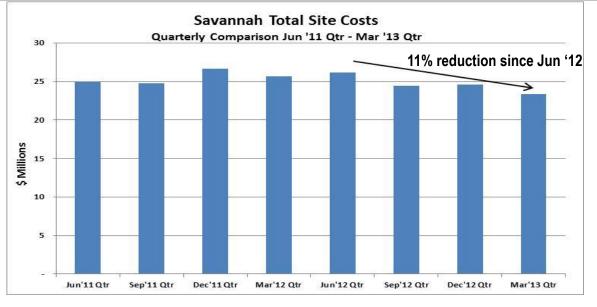


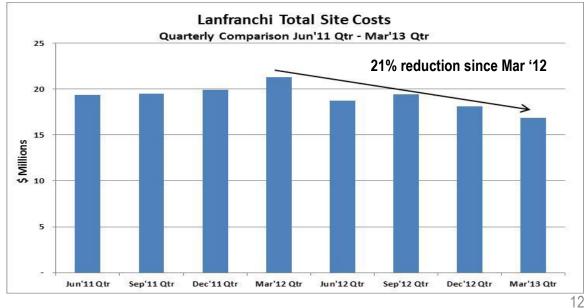
Products	Nickel and Copper in ore
Mining	Open stoping with paste fill
Processing	BHP Billiton Nickel West Kambalda Concentrator
Production	10-12,000t Ni & 1,000t Cu pa
Life	Ore Reserves to FY2016
Offtake	BHP Billiton Nickel West until 2019
Workforce	~240 employees and contractors

Site Costs Reducing



- Overall costs
 - Trending down
 - Cost savings initiatives implemented during Q4 2012 to lower total site costs
- Savannah
 - Total site costs 5% below the previous quarter
- Lanfranchi
 - Total site costs 7% below previous quarter





Savannah – Major projects in FY12

vision commitment results

Vent Shaft Project

- \$20M, ventilation shaft and associated infrastructure
 640m raise bore (two separate holes) +160m horizontal dev
- 680kw centrifugal (dual) fan



Shotcreting vent shaft





Concentrate Storage Shed, Port of Wyndham

- 15,000t concentrate shed \$8M
- Environmentally friendly and efficient
- Closed system, negative pressure
- State of the art facility





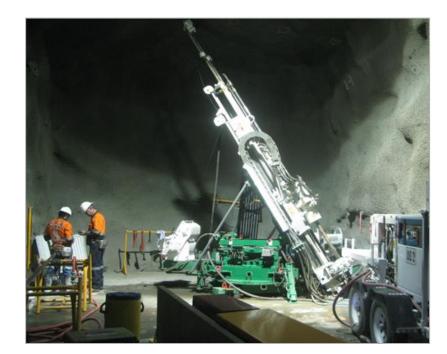
Savannah – Upside

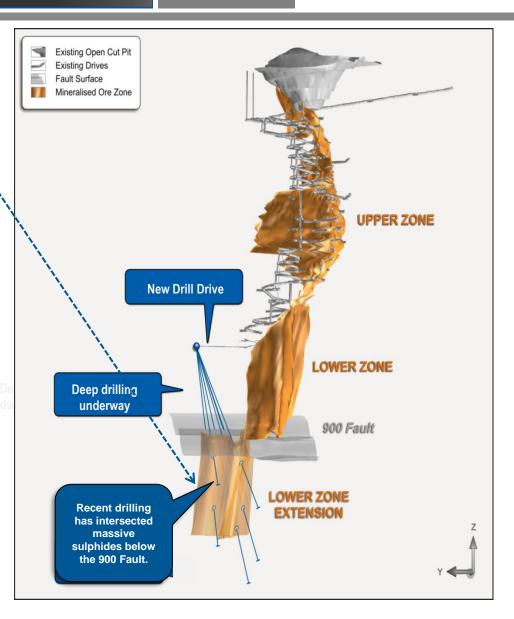
vision commitment results



Lower Zone Extension drilling

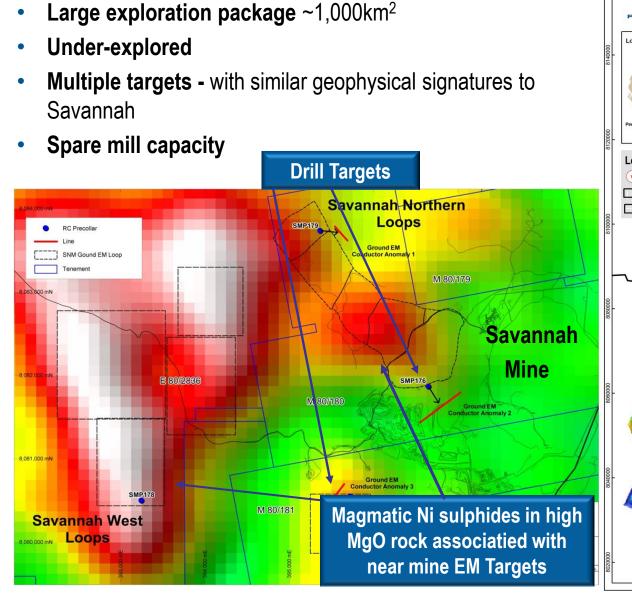
- Positive results
 - KUD1500 9.70m @ 2.55% Ni, 0.52% Cu, 0.16% Co, including 8.00m @ 2.92% Ni, 0.74% Cu, 0.19% Co
 - **KUD1504** 8.46m @ 2.20% Ni, 0.51% Cu, 0.12% Co
 - KUD1517A 8.15m @ 2.67% Ni, 1.00% Cu, 0.16% Co
 - KUD1518A 18.36m @ 2.44% Ni, 1.10% Cu, 0.15% Co

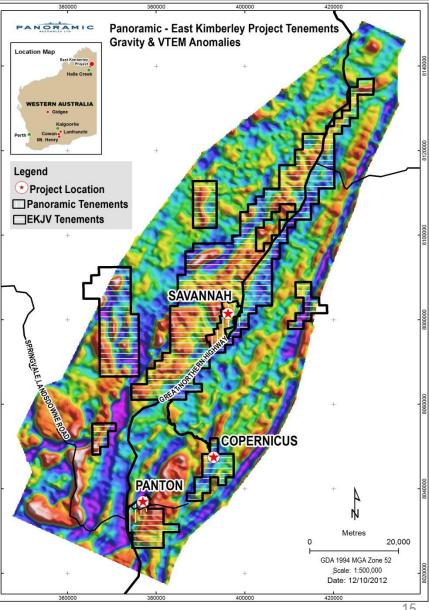




Savannah Regional – Upside



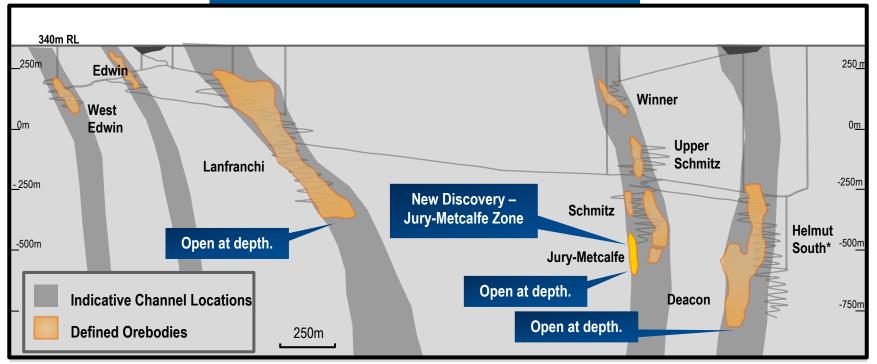






- Production to date >150,000t Ni
- Resources ~120,000t Ni
- Exploration focus on down-plunge & regional, Jury-Metcalfe maiden Resource 6,400t Ni
- Targeting >10 year Mine Life

Three Parallel Mineralised Channels at Lanfranchi



Lanfranchi – Major projects in FY12

vision commitment results



Truck replacement program

- Purchased two 6020 Atlas 60 tonne trucks for \$1.8M each
 - Reduce maintenance and running costs
 - Increase truck availability
 - Improved safety with better traction control
 - Greater ability to tip material underground
 - Deeper tray design allows 60 tonne load consistency



Lanfranchi Village

- \$8M investment
 - 150 rooms all with ensuites
 - Improved employee morale, wellbeing, less fatigue associated with shorter travel time (was 1.5hrs/day, now 10 mins/day)
 - Increase leisure time
 - Overall improved employee wellbeing



Lanfranchi – Upside

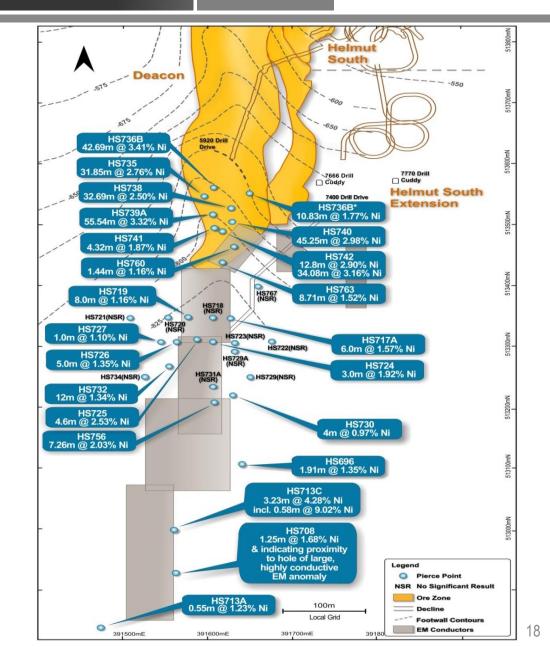
vision commitment results



Deacon/Helmut Channel Extension

- Infill drilling on the lower portion of the Deacon Resource (currently in the Inferred Category) returned exceptional results, including:
 - HS736B 42.69m @ 3.41% Ni, 0.22% Cu
 - HS738 32.69m @ 2.50% Ni, 0.18% Cu
 - HS739A 55.54m @ 3.32% Ni, 0.25% Cu
 - HS742 34.08m @ 3.16% Ni, 0.25% Cu
- Significant EM conductors down-plunge
 - HS735 31.85m @ 2.76%
 - HS719 8.0m @ 1.16%
 - **HS732** 12m @ 1.34%
 - HS756 7.26m @ 12.03%
 - HS692 24.0m @ 1.42% Ni incl. 15.7m @ 1.55% Ni
 - HS713C 3.23m @ 4.28% Ni incl. 0.58m @ 9.02% Ni
 - HS708 1.25m @ 1.68% Ni

large, highly conductive off-hole EM anomaly



Lanfranchi – Upside

vision commitment results

New Jury-Metcalfe Zone Discovery

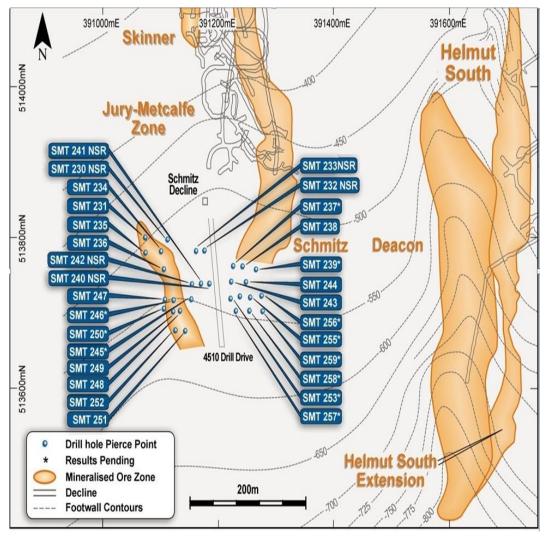
Best results to-date include:

- SMT231 14.39m @ 1.57% Ni, 0.10% Cu
- SMT235 14.63m @ 2.65% Ni, 0.15% Cu
- SMT236 18.65m @ 2.74% Ni, 0.19% Cu
- SMT247 9.00m @ 1.83% Ni, 0.12% Cu
- SMT248 8.04m @ 2.16% Ni, 0.12% Cu
- SMT249 14.44m @ 2.14% Ni, 0.14% Cu and 5.45m
 @ 2.05% Ni, 0.12% Cu
- SMT251 27.46m @ 2.74% Ni, 0.17% Cu; and
- SMT252 14.65m @ 2.35% Ni, 0.15% Cu

Maiden Resource – 323,000t @ 1.98% Ni for ~**6,400t N**i Mineralisation remains open both up and down-plunge

Next steps:

- Planning further drilling
- Drill drive extension



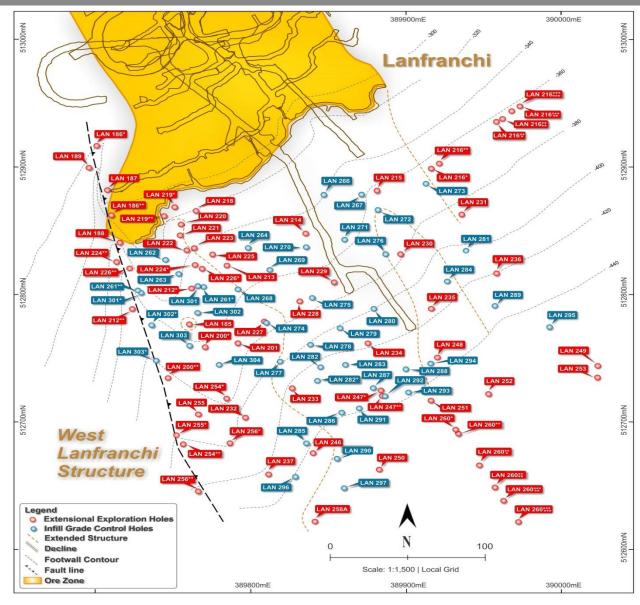
Lanfranchi – Upside

vision commitment results



Lanfranchi Orebody Extension

- Orebody continues down-plunge
- LAN260 10.18m at 3.84%
- LAN267 7.15m at 3.26%
- LAN282 4.39m at 5.74%
- LAN284 2.17m at 7.02%
- LAN289 5.15m @ 3.90%
- LAN271 2.91m @ 5.32%
- LAN273 5.28m @ 4.76%
- LAN278 4.05m @ 5.78%



Panoramic Gold - Overview

vision commitment results



Gidgee Gold Project



Product	Gold
Mining	Open pit and underground
Resources*	11.8Mt @ 3.07g/t for 1.16Moz Au
Processing*	1.05Mtpa
Production* Start Date	80-90,000oz Au pa Second half 2014
Initial Life*	Seven years

*Based on in-house Gidgee Scoping Study (refer PAN ASX announcement 7 August 2012) - See Appendix 3 for detailed resource tables

Mt Henry Gold Project (70% Interest)



Product	Gold
Mining	Open pit
Resources	26.4Mt @ 1.72g/t for 1.46Moz of Au
Processing*	1.8Mtpa
Production* Start Date	116,000oz Au pa (PAN 70%) Second half 2015
Initial Life*	Seven years

*Based on in-house Mt Henry Scoping Study (refer PAN ASX Announcement 18 December 2012) - See Appendix 3 for detailed resource tables

Gidgee Scoping Study

vision commitment results



Key Points*

- Average Grade 3.15g/t (o/p 2.26g/t, u/g 5.78g/t)
- Average Annual Production 87,000oz
- Initial Production 606,000oz
- **Capital Cost** ~A\$127M (mining development, processing & associated infrastructure)
- Initial Life seven years
- Average Cash Costs A\$870/oz
- **Project Economics** cumulative pre-tax free cash flows of:
 - Base Case A\$213M (A\$1,500/oz)
 - Alternative Case A\$516M (A\$2,000/oz)
- Moving into gold production
 targeting Q4 2014
- Upside exploration, studies underway to optimise production, CAPEX and OPEX



Gidgee Open-Pits – Aerial View

Gidgee – Upside

vision commitment results



Upgraded gold resource

 Increase in total Resources to 11.8Mt at 3.07g/t Au for 1.16Moz* Au

Acquisition of Wilsons

- **325,400koz Au** in Resource at Wilsons
- Study by previous owners in 2008 indicated potential for an underground operation
- 14km from the existing infrastructure

Recent Resource Upgrades*

Howards

3.5Mt at 1.61g/t Au for 182,500oz Au

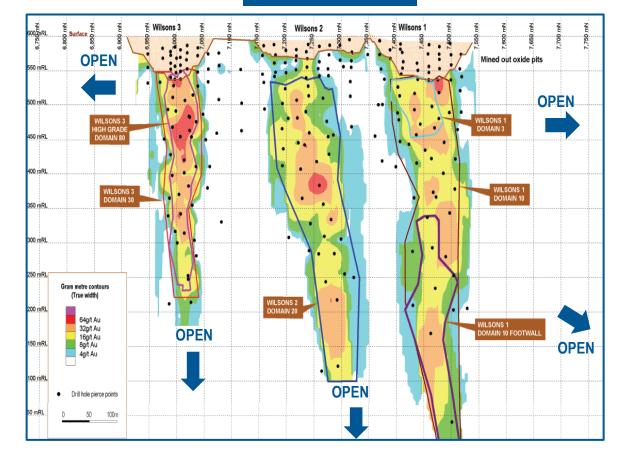
Heron South

1.1Mt at 2.20g/t Au for 80,300oz Au

Swan Bitter

4.1Mt at 3.01g/t Au for 392,800oz Au





Mt Henry Project (70% Interest)

vision commitment results



Overview

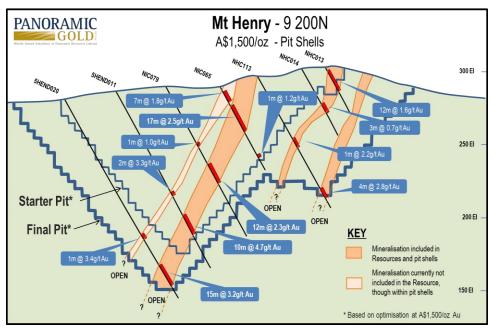
- Location Goldfields-Esperance region of Western Australia, 726kms east of Perth
- Resources 26.4Mt @ 1.72g/t for 1.46Moz of Au
- Equity Interest -1.02Moz Au
- **Previous Work** Scoping Studies undertaken on the Mt Henry, Selene and North Scotia orebodies by the previous owners and indicate robust economics

Work in Progress

Bankable Feasibility Study

Investment Rationale

- Adds significant resource base with exploration upside
- Potential production profile of 116,000oz pa for >seven years
- Continues to advance Panoramic's stated diversification strategy and aim of building a significant gold business



Mt Henry Orebody & Conceptual Pit Shell at A\$1,500/oz gold price

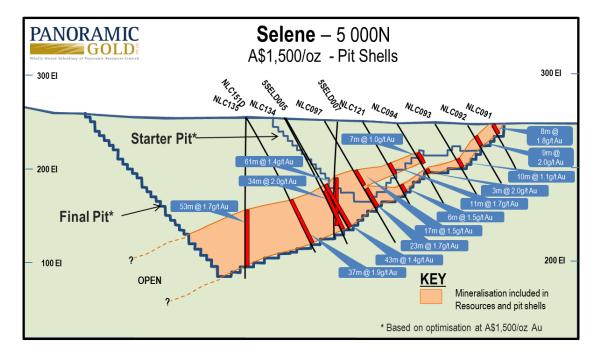
Mt Henry Scoping Study

Key Points*

- Average Grade 1.74g/t
- Average Annual Production 116,000oz
- Initial Production 840,000oz
- **Capital Cost** ~A\$195M (mining development, processing & associated infrastructure)
- Initial Life 7.25 years
- Average Cash Costs A\$930/oz
- **Project Economics** cumulative pre-tax free cash flows of:
 - Base Case A\$215M (A\$1,500/oz)
 - Spot case A\$425M (A\$1,750/oz)
 - Alternative Case A\$635M (A\$2,000/oz)
- Moving into gold production
 targeting Q3 2015
- **Upside** met. recovery to 94.5%, lower capex & opex via optimisation, increase resource base

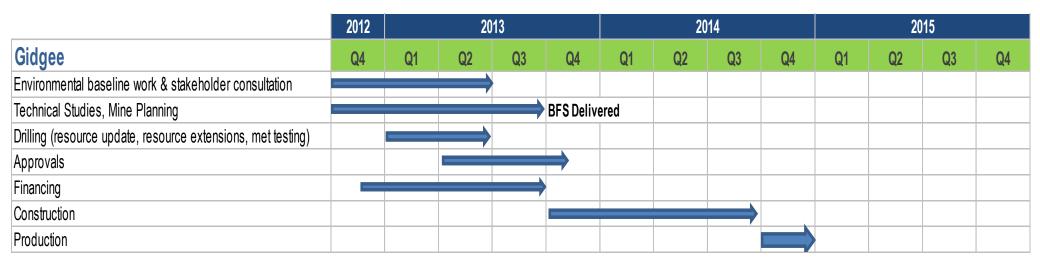






Selene Orebody & Conceptual Pit Shell at A\$1,500/oz gold price





	2012		20	13			20)14			20	15	
Mt Henry	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Environmental baseline work & stakeholder consultation													
Technical Studies, Mine Planning					\rightarrow	BFS Delive	ered						
Drilling (resource update, resource extensions, met testing)													
Approvals													
Financing													
Construction											$ \rightarrow $		
Production													

Panoramic PGMs - Overview

vision commitment results



Thunder Bay North PGM Project



Thunder Bay North accommodation village and core farm

Products	Platinum, Palladium	
Mining*	Open cut and underground	
Resources*	10.4Mt @ 1.13g/t Pt and 1.07g/t Pd	
Processing*	1.5Mtpa	
Production* Start Date	~65,000oz pa Pt+Pd 2016+	
	2010+	
Initial Life*	Eight years	

* Based on Magma Metals (ASX: MMW) Preliminary Economic Assessment for Thunder Bay North Project (Feb 2011)

Panton PGM Project



Panton Aerial View.

Products	Platinum, Palladium, Gold		
Mining*	Open cut and underground		
Resources*	1.0M oz Pt and 1.1M oz Pd		
Processing*	600,000tpa		
Production* Start Date	~83,000oz pa Pt+Pd+Au 2016+		
Initial Life*	Ten years		

* Based on Platinum Australia (ASX: PLA) March 2012 BFS Review

Thunder Bay North

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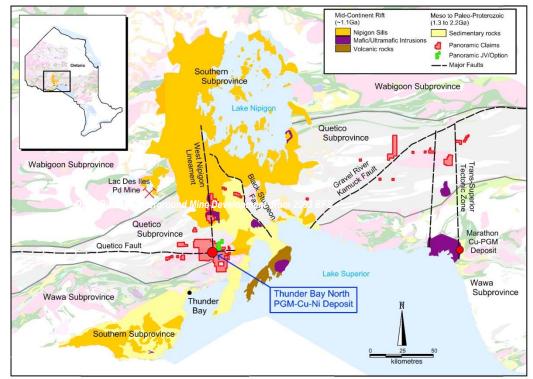


Overview

- Large regional ground position 1,100km²
- Excellent infrastructure road, rail, power within 20km
- Exploration Potential
 - resource open at depth and to the south east
 - right geology for large Ni-Cu-PGM deposits analogous to the giant Norilsk camp in Russia
 - emerging province with majors actively exploring in the area

Progress Since 2011 Preliminary Economic Assessment*

- Resource Base grown by 71koz Pt-Eq
- Engineering Studies undertaken to reduce CAPEX & OPEX
- Various new processing options considered
- Underground feasibility considered



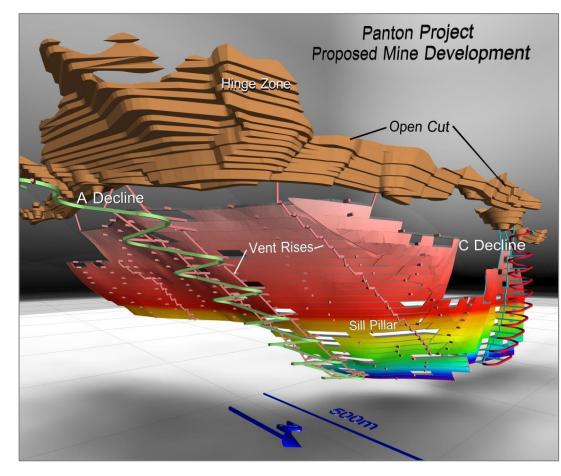
Panton PGM Project

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Overview

- Location 60km south of Savannah Mine on granted mining leases
- Significant Resource Panton is one of Australia's largest, highest grade undeveloped PGMs deposit
- **Proposed Processing Route** standard crush, grind and float to produce a concentrate which is beneficiated by the 'Panton Process' (a patented calcine leach metals recovery process)
- Previous Work
 - 2003 Bankable Feasibility Study
 - 2012 updated BFS (2012 BFS Review)
 - Panoramic has previously undertaken mining and metallurgy trials on Panton ore



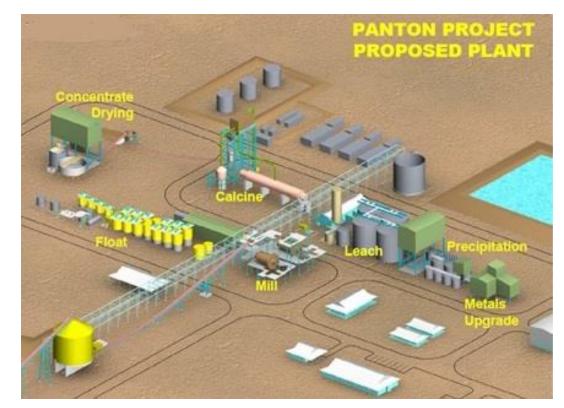
Panton – 2012 BFS Review Results*

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Key Parameters

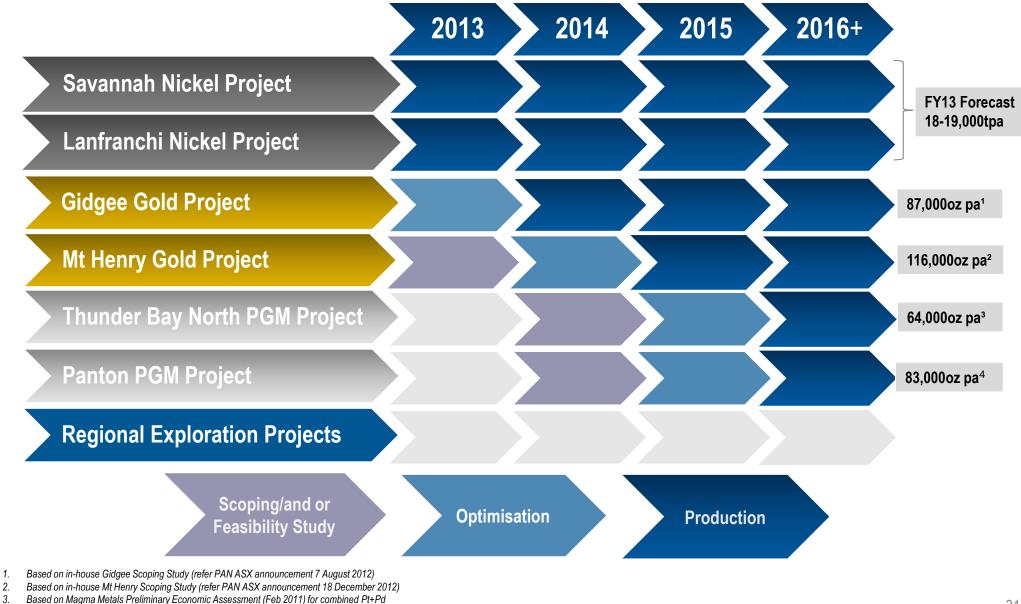
- Initial Production 600,000tpa
- Average Annual Production 83,000oz 3E pa
- Initial Life Ten years
- Average Cash Costs US\$830/oz on the Base Case and US\$790/oz on the Alternate Case
- Project Economics pre-tax NPV (10% discount rate)
 - US\$15 million on the Base Case; and
 - US\$41 million on the Alternative Case;
- Internal Rate of Return:
 - Base Case 13%
 - Alternative Case 18%
- **Upside** Optimisation and redesign of the open pit and underground using higher metal prices and updated operating costs has the potential to significantly increase the size of the open pit and the underground resources further enhancing project economics





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4. Based on Platinum Australia 2012 BFS Review (March 2012) for combined Pt+Pd+Au

Regional Exploration

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- Significant and diverse exploration portfolio
- Panoramic budget FY2013 \$15M

Lake Grace & Griffins Find

- 10,500km² exploration package with historic Gold production
- Historic drilling has identified three key zones for follow up
- 19 April 2013 Farmedout projects to Auzex Exploration Limited

Northern Dome

 Exploration model north of Lanfranchi testing "overturned dome" theory

Gidgee Regional

- Large tenement package of 1,200km²
- Gold exploration away from known Resources and historical production areas

Exploration team on site

Laura River

- Historic drilling indicates precious and base metal potential
- A number of Gold deposits
 exist along strike

Cowan

- Large exploration holding south of Lanfranchi
- Geophysical surveys indicate a number of sulphide targets for followup

Laverton

- JV with Poseidon Nickel
- Ni-Cu-PGM targets identified



Savannah Regional

- Recent geophysical surveys indicate a number of targets for follow up
- Opportunity to utilise spare capacity at Savannah Mill

Roe

- Prospective for Gold, nickel and copper
- 900m long discontinuity with Ni-Cu mineralisation identified

Mt Jewel

- 20km Komatiite sequence identified
- Along strike from Silver Swan and Black Swan deposits

East Kimberley JV

- Large land holding 1,000km² around Savannah Nickel Mine
- Base metal targets identified with similar geophysical signatures to Savannah

INTERNATIONAL

Thunder Bay Regional

 Exploration around existing PGM Resources

Scandinavia JV

- JV with Drake Resources
- Base Metal prospects in Norway and Sweden

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 The Company is actively looking at various cost savings and productivity initiatives to reduce costs across the business by \$10 to \$15 million per annum

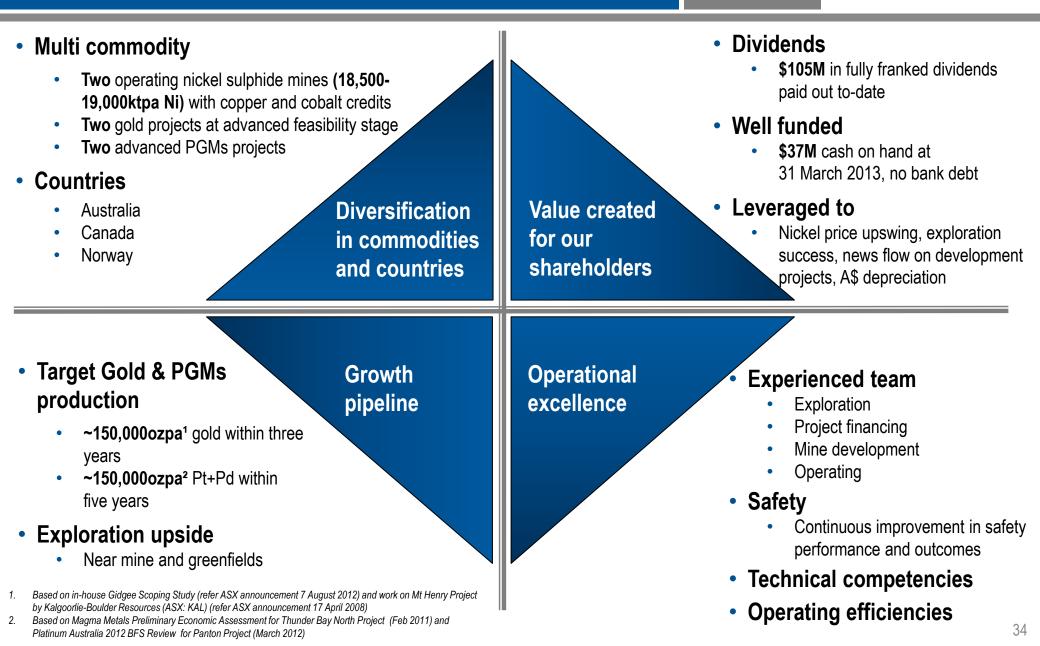
A Collective Team Effort



Cost cutting measures					
Power consumption	Reduce				
Equipment damage	Minimise				
Contractors and consultants	Reduce				
Exploration expenditure	Review and defer where possible				
Corporate expenses	Targeting a reduction in all corporate expenditure				
Suppliers	Seeking cost reductions 5-10%				
Savings Target	\$10 - \$15 million pa				

Investment Rationale





12 month plan



Improved Share Price	 Nickel price recovery, softening A\$, further cost reductions, exploration success and market recognition for our gold and PGM assets
Exploration	 Resource drilling at Gidgee Savannah Deeps Lanfranchi channel extensions
Corporate	• Reduce costs
PGMs	 Thunder Bay North - continue optimisation studies, finalise flow sheet, continue exploration Panton - review BFS reports, identify synergies with Savannah
Gold	 Gidgee - complete Bankable Feasibility Study Mt Henry - complete Bankable Feasibility Study
Nickel	 Implement cost savings and productivity initiatives Grow existing resource and reserve base to extend the mine life of our operations
Safety	 Improve our safety performance Maintain focus on safety to ensure <i>safely home every day</i>



A unique investment opportunity

vision commitment results



Existing nickel operations

Operated with high safety standards, generating free cash and paying shareholder dividends

V

Low political and environmental risk

Operations and development projects located in politically stable jurisdictions, with good local infrastructure and skilled workforces

Strong economics for growth in gold and PGM production

Scoping and Feasibility study work has confirmed the technical viability and positive economics of the development projects

Commodity diversification

Nickel, copper, cobalt, gold, platinum and palladium

Operational track record

Nickel operations have generated strong cumulative cash flow over last 8 years

Management team with development track record

Direct experience in exploration, financing, developing and operating mining assets







vision commitment results

ASX : PAN www.panoramicresources.com

Mission Statement

We strive to achieve excellence in all aspects of our business to provide long term capital growth and dividend return to our shareholders, a safe and rewarding work environment for our employees, and opportunities and benefits to the people in the communities we operate in.

vision commitment results



Savannah, Copernicus, Lanfranchi Resources Table

Resource Equity Metal Document Tonnes Ni (%) Tonn	Resource	Equity	Metal	Date of	Meas	ured	Indica	ited	Infe	rred	Tot	al	Metal Tonnes
Nickel Jul-12 1,064,000 1.57 3,558,000 1.49 - - 4,622,000 1.51 69,700 Copper 0.73 0.81 - 0.79 36,600 Coperricus -78% - 0.81 - 0.08 3,700 Coperricus -78% - 0.66 0.99 0.08 1.01 64,000 1.23 7,900 Coper 0.66 0.99 0.70 0.82 5,300 Cobert O.04 0.05 0.03 0.04 300 Lanfrachi Project 100% Nickel - - - 4,62,000 1.28 3,800 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 38,000 Giganus Jul-12 45,000 2.95 - - - 452,000 2.95 1,300 Helmut South Jul-12 35,000 2.68 62,000 <t< th=""><th colspan="2">Equity</th><th>metai</th><th>Resource</th><th>Tonnes</th><th>Ni (%)</th><th>Tonnes</th><th>Ni (%)</th><th>Tonnes</th><th>Ni (%)</th><th>Tonnes</th><th>Ni (%)</th><th>wietar ronnes</th></t<>	Equity		metai	Resource	Tonnes	Ni (%)	Tonnes	Ni (%)	Tonnes	Ni (%)	Tonnes	Ni (%)	wietar ronnes
Copper O 0.73 0.81 - 0.79 36,600 Cobalt 0.08 0.08 0.08 0.08 - 0.79 36,600 Copernicus -78% 0.08 0.08 0.08 - 0.08 3,700 Coper O 0.66 0.99 0.70 641,000 1.23 7,900 Copper O.04 0.04 0.05 0.03 0.04 300 Lanfranchi Project 100% Nickel Apr-11 - - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55.00 2.48 1,297,000 2.70 35,000 Giganus Jul-17 - - - - 45,000 2.95 1.70 - - 45,000 2.95 1,300 John Jul-12 45,000 2.95 - - - 45,000<	Savannah Project	100%											
Cobait 0.08 0.08 - 0.08 3,700 Copernicus -78% Mickel Jul-10 307,000 1.08 316,000 1.38 18,000 1.01 641,000 1.23 7,900 Coper 0.66 0.99 0.70 0.82 5,300 Cohait 0.04 0.05 0.03 0.04 300 Lanfranchi Project 100% Nickel Apr-11 - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1.297,000 2.70 35,000 Gigantus Jul-07 - - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 John Jul-12 17,000 6.08 62,000 5.38 7			Nickel	Jul-12	1,064,000	1.57	3,558,000	1.49	-	-	4,622,000	1.51	69,700
Copernicus -78% Nickel Jul-10 307,000 1.08 316,000 1.38 18,000 1.01 641,000 1.23 7,900 Copper 0.66 0.99 0.70 0.82 5,300 Cobalt 0.04 0.05 0.03 0.04 300 Lanfranchi Project 100% Nickel - - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 1.83 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,330 John Jul-12 35,000 4.65 125,000 3.68 15,000 1.42 41,000 Lanfranchi Jul-07 - - - 291,000 1.42 4,100 Lanfranchi Jul-07 - - - 920			Copper			0.73		0.81		-		0.79	36,600
Nickel Jul-10 307,000 1.08 316,000 1.38 18,000 1.01 641,000 1.23 7,900 Copper O.666 0.99 O.70 O.82 5,300 Lanfranchi Project 100% Nickel O.04 0.05 0.03 0.04 300 Lanfranchi Project 100% Nickel Apr-11 - - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 38,000 Gigantus Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 John Jul-12 35,000 4.65 125,000 3.68 15,000 1.42 291,000 1.42 41,000 John <td></td> <td></td> <td>Cobalt</td> <td></td> <td></td> <td>0.08</td> <td></td> <td>0.08</td> <td></td> <td>-</td> <td></td> <td>0.08</td> <td>3,700</td>			Cobalt			0.08		0.08		-		0.08	3,700
Copper Copper 0.66 0.99 0.70 0.82 5,300 Lanfranchi Project 100% Nickel Cruikshank Apr-11 - - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 35,000 Gigantus Jul-12 854,000 2.95 - - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 John Jul-12 35,000 4.65 125,000 3.68 15,000 1.77 175,000 3.71 6,500 John Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Lanfranchi Jul-12 17,000 6.08 62,000<	Copernicus	~78%											
Cobalt O.04 O.05 O.03 O.04 300 Lanfranchi Project 100% Nickel Cruikshank Apr-11 - - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 35,000 Gigantus Jul-07 - - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 Helmut South Ext Jun-12 35,000 4.65 125,000 3.68 15,000 1.42 291,000 1.42 4,100 Lanfranchi Jul-07 - - - 291,000 1.42 4,100 Lanfranchi Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,70			Nickel	Jul-10	307,000	1.08	316,000	1.38	18,000	1.01	641,000	1.23	7,900
Lanfranchi Project 100% Nickel Cruikshank Apr-11 - - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 35,000 Gigantus Jul-07 - - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 John Jul-12 35,000 4.65 125,000 3.68 15,000 1.77 175,000 3.71 6,500 John Jul-07 - - - - 291,000 1.42 4,100 Lanfranchi Jul-07 - - - 291,000 1.42 4,100 Lanfranchi Jul-07 - - 71,000 3.10 7,000 5.44 86,000			Copper			0.66		0.99		0.70		0.82	5,300
Cruikshank Apr-11 - 2,018,000 1.42 611,000 0.79 2,629,000 1.28 33,600 Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 35,000 Gigantus Jul-07 - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - 45,000 2.95 1,300 John Jul-12 35,000 4.65 125,000 3.68 15,000 1.42 291,000 1.42 4,100 Lanfranchi Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 <td></td> <td></td> <td>Cobalt</td> <td></td> <td></td> <td>0.04</td> <td></td> <td>0.05</td> <td></td> <td>0.03</td> <td></td> <td>0.04</td> <td>300</td>			Cobalt			0.04		0.05		0.03		0.04	300
Deacon Jul-12 854,000 2.70 388,000 2.73 55,000 2.48 1,297,000 2.70 35,000 Gigantus Jul-07 - - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 John Jun-12 35,000 4.65 125,000 3.68 15,000 1.77 175,000 3.71 6,500 John Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Lanfranchi Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-07 - - - 992,000 1.49 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000	Lanfranchi Project	100%	Nickel										
Gigantus Jul-07 - - - 652,000 1.63 652,000 1.63 10,600 Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 Helmut South Ext Jun-12 35,000 4.65 125,000 3.68 15,000 1.77 175,000 3.71 6,500 John Jul-07 - - - 291,000 1.42 291,000 1.42 4,100 Lanfranchi Jul-07 - - - 291,000 1.42 4,100 Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) </td <td>Cruikshank</td> <td></td> <td></td> <td>Apr-11</td> <td>-</td> <td>-</td> <td>2,018,000</td> <td>1.42</td> <td>611,000</td> <td>0.79</td> <td>2,629,000</td> <td>1.28</td> <td>33,600</td>	Cruikshank			Apr-11	-	-	2,018,000	1.42	611,000	0.79	2,629,000	1.28	33,600
Helmut South Jul-12 45,000 2.95 - - - 45,000 2.95 1,300 Helmut South Ext Jun-12 35,000 4.65 125,000 3.68 15,000 1.77 175,000 3.71 6,500 John Jul-07 - - - 291,000 1.42 291,000 1.42 4,100 Lanfranchi Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-07 - - - 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 <t< td=""><td>Deacon</td><td></td><td></td><td>Jul-12</td><td>854,000</td><td>2.70</td><td>388,000</td><td>2.73</td><td>55,000</td><td>2.48</td><td>1,297,000</td><td>2.70</td><td>35,000</td></t<>	Deacon			Jul-12	854,000	2.70	388,000	2.73	55,000	2.48	1,297,000	2.70	35,000
Helmut South Ext Jun-12 35,000 4.65 125,000 3.68 15,000 1.77 175,000 3.71 6,500 John Jul-07 - - - 291,000 1.42 291,000 1.42 4,100 Lanfranchi Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-07 - - - 992,000 1.49 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel E E E 14,900 4.40 - 14,90	Gigantus			Jul-07	-	-	-	-	652,000	1.63	652,000	1.63	10,600
John Jul-07 - - - 291,000 1.42 291,000 1.42 4,100 Lanfranchi Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-07 - - - 992,000 1.49 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel Use Use Use Use Use Use Use Use Copper Vickel Use Use Use Use Use Use Use Use Use	Helmut South			Jul-12	45,000	2.95	-	-	-	-	45,000	2.95	1,300
Lanfranchi Jul-12 17,000 6.08 62,000 5.38 7,000 5.44 86,000 5.52 4,700 Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-07 - - - 992,000 1.49 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel - - 14,000 4.40 - - 14,000 4.40 600	Helmut South Ext			Jun-12	35,000	4.65	125,000	3.68	15,000	1.77	175,000	3.71	6,500
Martin Jul-07 - - 71,000 3.10 7,000 2.48 79,000 3.04 2,400 McComish Jul-07 - - - 992,000 1.49 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel Copper Vingen Vingen Vingen Vingen Vingen	John			Jul-07	-	-	-	-	291,000	1.42	291,000	1.42	4,100
McComish Jul-07 - - - 992,000 1.49 992,000 1.49 14,800 Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel Copper Vickel	Lanfranchi			Jul-12	17,000	6.08	62,000	5.38	7,000	5.44	86,000	5.52	4,700
Schmitz Jul-12 7,000 7.07 41,000 3.85 5,000 4.31 52,000 4.30 2,300 Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel	Martin			Jul-07	-	-	71,000	3.10	7,000	2.48	79,000	3.04	2,400
Winner Jul-11 - - 14,000 4.40 - - 14,000 4.40 600 Total (Equity) Nickel - - 14,000 4.40 600 Copper - - 14,000 4.40 - - 14,000 4.40 600	McComish			Jul-07	-	-	-	-	992,000	1.49	992,000	1.49	14,800
Nickel 193,500 Copper 41,900	Schmitz			Jul-12	7,000	7.07	41,000	3.85	5,000	4.31	52,000	4.30	2,300
Copper 41,900	Winner			Jul-11	-	-	14,000	4.40	-	-	14,000	4.40	600
	Total (Equity)		Nickel										193,500
Cobalt 4,000			Copper										41,900
			Cobalt										4,000

Appendix 2: Panoramic - Nickel Reserves (Ni,Cu,Co)

vision commitment results



Savannah, Copernicus, Lanfranchi Reserves Table

Decemus	Envite	Matal	Date of	Prov	/en	Proba	ıble	Tota	al	Metal
Reserve	Equity	Metal	Reserve	Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	Tonnes
Savannah Project										
Upper Zone	100%	Nickel	Jul-12	-	-	862,000	1.34	862,000	1.34	11,600
		Copper			-		0.63		0.63	5,400
		Cobalt			-		0.07		0.07	600
Lower Zone	100%	Nickel	Jul-12	-	-	2,608,000	1.32	2,608,000	1.32	34,400
		Copper			-		0.68		0.68	17,800
		Cobalt			-		0.06		0.06	1,700
Copernicus Open Pit	~78%			-						
		Nickel	Jul-12	-	-	288,000	1.03	288,000	1.03	3,000
		Copper			-		0.63		0.63	1,800
		Cobalt			-		0.04		0.04	100
Lanfranchi Project	100%	Nickel								
Deacon			Jul-12	-	-	1,375,000	2.01	1,375,000	2.01	27,600
Helmut South			Jul-12	-	-	48,000	2.24	48,000	2.24	1,100
Lanfranchi			Jul-12	-	-	43,000	3.08	43,000	3.08	1,300
Schmitz			Jul-12	-	-	21,000	3.04	21,000	3.04	600
Helmut Sth Ext			Jul-12	-	-	233,000	2.30	233,000	2.30	5,300
Total (Equity)		Nickel								85,000
		Copper								25,100
		Cobalt								2,400

Qualifying Statement and Notes

• Savannah Project Resource cutoff grade at 0.50% Ni • Copernicus Project Resource cutoff grade at 0.50% Ni • Savannah Project Reserve cutoff grade is 0.98% Ni • Copernicus Project Reserve cutoff grade is 0.50% Ni

• Lanfranchi Project Resource cutoff grades at 1.00% Ni • Lanfranchi Project Reserve cutoff grade is 1.00% Ni except the Deacon Orebody longhole stopes which are 0.80% Ni. All resources are inclusive of reserves. Individual project resources and reserves are stated on an equity basis.

The information in this report that relates to Mineral Resources is based on information compiled by or reviewed by Paul Hetherington (MAusIMM) for the Savannah Project Resource and John Hicks (MAusIMM) for the Lanfranchi Project and Copernicus Project Resources. The aforementioned are full-time employees of Panoramic Resources Limited. The aforementioned have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The aforementioned consents to the inclusion in the report of the matters based on their information in the form and context in which it appears. Information in this report relating to Ore Reserves has been completed by or reviewed by Rob Thorburn (MAusIMM) for the Lanfranchi Project. Lilong Chen (MAusIMM) for the Savannah Project and Jonathon Bayley (MAusIMM) for the Copernicus project. The aforementioned are full-time employees of Panoramic Resources Limited. The aforementioned have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to gualify as a Competent Person as defined in the 2004 Edition of the Australian Code for Reporting of Exploration Results. Mineral Resources and Ore Reserves. The aforementioned consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix 3 : Panoramic – Gold Project(s) Resources (Au)



Resource	Equity	Metal	Date of	Meas	ured	Indica	ted	Infer	red	Tota	al	Metal (Au oz)
Resource	Equity	Wieldi	Resource	Tonnes	Au (g/t)	Tonnes	Au (g/t)	Tonnes	Au (g/t)	Tonnes	Au (g/t)	Metal (Au 02)
Gidgee Project	100%	Gold										
Swan Bitter Open Pit			Jun-12	-	-	3,399,000	2.40	327,000	3.51	3,726,000	2.49	298,600
Heron South Open Pit			Oct-12	-	-	1,000,000	2.31	136,000	1.41	1,136,000	2.20	80,300
How ards Open Pit			Oct-12	-	-	2,557,000	1.43	975,000	2.08	3,532,000	1.61	182,500
Specimen Well Open Pit			Jun-12	-	-	289,000	2.06	72,000	1.79	361,000	2.00	23,200
Toedter Open Pit			Jun-12	-	-	-	-	661,000	1.62	661,000	1.62	34,400
Eagles Peak Open Pit			Mar-06	-	-	13,000	3.46	-	-	13,000	3.46	1,400
Orion Open Pit			Mar-06	-	-	22,000	3.04	-	-	22,000	3.04	2,200
Deep South Open Pit			Mar-06	-	-	20,000	3.02	-	-	20,000	3.02	1,900
Swan Bitter Underground			Jun-12	-	-	207,000	8.71	125,000	9.02	332,000	8.83	94,200
Swift Underground			Jun-12	-	-	-	-	72,000	9.23	72,000	9.23	21,400
Omega Underground			Mar-06	-	-	31,000	9.20	-	-	31,000	9.20	9,200
Kingfisher Underground			Mar-06	-	-	390,000	6.80	-	-	390,000	6.80	85,300
Wilsons Underground			Apr-08	-	-	921,000	7.25	535,000	6.42	1,457,000	6.95	325,400
Mt Henry Project	70%	Gold										
Selene			Feb-08	-	-	8,243,000	1.59	2,183,000	1.44	10,426,000	1.56	522,500
Mt Henry			Sep-09	-	-	4,112,000	1.93	3,569,000	1.76	7,680,000	1.85	457,100
North Scotia			Feb-09	-	-	150,000	5.20	241,000	2.17	391,000	3.33	42,000
Total (Equity)		Gold										2,181,700

vision commitment results



Gidgee Project

Swan Bitter Open Pit Resource cutoff grade is 0.7 g/t
 Eagles Peak Resource cutoff grade is 1.2 g/t
 Orion Resource cutoff grade is 1.3 g/t
 Deep South Resource cutoff grade is 1.2 g/t
 Swan Bitter Underground Resource cutoff grade is 4.0 g/t for Indicated Resources and 5.0 g/t for Inferred Resources
 Swift Underground Resource cutoff grade is 5.0 g/t
 Omega Underground Resource cutoff grade is 3.0 g/t
 Kingfisher Underground Resource cutoff grade is 3.0 g/t
 Individual project resources and reserves are stated on an equity basis.

The information in this report that relates to the Swan Bitter Open Pit, Eagles Peak, Orion, Deep South, Swan Bitter Underground, Swift Underground, Omega, and Kingfisher Mineral Resources is based on information compiled by or reviewed by Dr Spero Carras (FAusIMM). Dr Carras is the Executive Director of Carras Mining Pty Ltd and was acting as a consultant to Legend Mining Ltd in 2006 and Panoramic Resources Ltd in 2012. Dr Carras has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Carras consents to the inclusion in the presentation of the matters based on their information in the form and context in which it appears.

• Heron South Resource cutoff grade is 0.5 g/t • Howards Resource cutoff grade is 0.5 g/t • Specimen Well Resource cutoff grade is 0.5 g/t • Toedter Resource cutoff grade is 0.5 g/t • Individual project resources and reserves are stated on an equity basis

The information in this report that relates to the Heron South, Howards, Specimen Well, and Toedter Mineral Resources is based on information compiled by or reviewed by John Hicks (MAusIMM). John Hicks is a full time employee of Panoramic Resources Ltd. John Hicks has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. John Hicks consents to the inclusion in the presentation of the matters based on their information in the form and context in which it appears.

• Wilsons Resource cutoff grade is 4.5 g/t. Individual project resources and reserves are stated on an equity basis

The information in this report that relates to the Wilsons Mineral Resource is based on information compiled by or reviewed by Andrew Thomson (MAusIMM). Andrew Thomson was a fulltime employee of Apex Mining NL in 2009 and is currently a full-time employee of Corazon Mining Ltd. Andrew Thomson has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Andrew Thomson consents to the inclusion in the presentation of the matters based on their information in the form and context in which it appears.

Mt Henry Project

• Mt Henry Project Resource cutoff grades are 1.0 g/t. Individual project resources and reserves are stated on an equity basis.

The information in this report that relates to the Mt Henry Project Mineral Resources is based on information compiled by or reviewed by Richard Breyley (MAusIMM). Richard Breyley is a full-time employee of Matsa Resources Ltd. Richard Breyley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Richard Breyley consents to the inclusion in the presentation of the matters based on their information in the form and context in which it appears.

vision commitment results



Panton PGM Project - Resources

					Meta	ıl (oz)				
Resource	Equity	Date of	Toppago	Pt	Pd	Au	Cu	Ni	Pt	Pd
Resource	Equity	Resource	Tonnage	(g/t)	(g/t)	(g/t)	(%)	(%)	(oz ,000)	(oz ,000)
Top Reef	1 00%	Mar-12								
Measured			4,400,000	2.46	2.83	0.42	0.28	0.08	348	400
Indicated			4,130,000	2.73	3.21	0.38	0.31	0.09	363	426
			1,560,000	2.10	2.35	0.38	0.36	0.13	105	118
Middle Reef	1 00%	Mar-12								
Measured			2,130,000	1.36	1.09	0.10	0.18	0.03	93	75
Indicated			1,500,000	1.56	1.28	0.10	0.19	0.04	75	62
			600,000	1.22	1.07	0.01	0.19	0.05	24	21
Total (Equity)			14,320,000						984	1,081

The information in this report that relates to the Panton Mineral Resource is based on a resources estimate compiled by Mr Ted Copeland who is a Director of Cube Consulting Pty Ltd and is a Member of the Australian Institute of Mining and Metallurgy. Mr Copeland has more than ten years experience which is relevant to the style of mineralisation and type of deposit under consideration and in the activity which he is undertaking and qualifies as a Competent Person, as defined in the 2004 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Copeland consents to the inclusion in the release of the matters based on his information in the form and context in which they appear.

Appendix 5: Thunder Bay North Project Resources

vision commitment results



				Grade									Metal (oz)		
Resource	Equity	Date of	Tonnage	Pt	Pd	Rh	Au	Ag	Cu	Ni	Со	Pt-Eq	Pt	Pd	
	Equity	Resource	Tonnage	(g/t)	(g/t)	(g/t)	(g/t)	(g/t)	(%)	(%)	%	(g/t)	(oz ,000)	(oz ,000)	
Open Pit	100%	Jan-11													
Indicated			8,460,000	1.04	0.98	0.04	0.07	1.50	0.25	0.18	0.014	2.13	283	267	
Inferred			53,000	0.96	0.89	0.04	0.07	1.60	0.22	0.18	0.014	2.00	2	2	
Underground	100%	Feb-12													
Indicated			1,369,000	1.65	1.54	0.08	0.11	2.60	0.43	0.24	0.016	3.67	73	68	
Inferred			472,000	1.32	1.25	0.06	0.09	2.10	0.36	0.19	0.011	2.97	20	19	
Total (Equity)			10,354,000										377	355	

Thunder Bay North Open Pit Mineral Resource

The effective date of this estimate is 11 January 2011, which represents the cut-off date for the most recent scientific and technical information used in the report. The Mineral Resource categories under the JORC Code (2004) are the same as the equivalent categories under the CIM Definition Standards for Mineral Resources and Mineral Reserves (2010). The portion of the Mineral Resource underlying Current Lake is assumed to be accessible and that necessary permission and permitting will be acquired. All figures have been rounded; summations within the tables may not agree due to rounding.

The open pit Mineral Resource is reported at a cut-off grade of 0.59 g/t Pt-Eq within a Lerchs-Grossman resource pit shell optimised on Pt-Eq. The strip ratio (waste:ore) of this pit is 9.5:1. The contained metal figures shown are in situ. No assurance can be given that the estimated quantities will be produced. The platinum-equivalency formula is based on assumed metal prices and overall recoveries. The Pt-Eq formula is: Pt-Eq g/t = Pt g/t + Pd g/t x 0.3204 + Au g/t x 0.6379 + Ag g/t x 0.00012 + Cu g/t x 0.00011 + Total Ni g/t x 0.000195 + Total Co g/t x 0.000124 + Rh g/t x 2.1816. The conversion factor shown in the formula for each metal represents the conversion from each metal to platinum on a recovered value basis. The assumed metal prices used in the Pt-Eq formula are: Pt US\$1,595/oz, Pd US\$512/oz, Au US\$1,015/oz, Ag US\$15.74/oz, Cu US\$2.20/lb, Ni US\$7.71/lb and Rh US\$3,479/oz. The assumed combined flotation and PlatsoITM process recoveries used in the Pt-Eq formula are: Pt 76%, Pd 75%, Au 76%, Ag 55%, Cu 86%, Ni 44%, Co 28% and Rh 76%. The assumed refinery payables are: Pt 98%, Pd 98%, Au 97%, Ag 85%, Cu 100%, Ni 100%, Co 100% and Rh 98%.

The updated resources do not include drilling conducted since May 31, 2010.

The information in this report that relates to Mineral Resources compiled by AMEC Americas Limited was prepared by Greg Kulla P.Geo (APOG #1752, APEGBC #23492) and David Thomas, P.Geo, MAusIMM (APEGBC #149114, MAusIMM #225250), both full time employees of AMEC Americas Limited. Mr. Kulla and Mr. Thomas have sufficient experience, which is relevant to the style of mineralisation 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) and independent qualified persons as this term is defined in National Instrument 43-101.

Thunder Bay North Underground Mineral Resource

Underground Mineral Resource Estimates: The internal mineral resource estimate for the East Beaver Lake extension was made by ordinary kriging methods using the same technical and financial parameters as those used by AMEC Americas Limited for the Underground Mineral Resource estimate reported by the Company on 6 September 2010. The Underground Mineral Resource is reported at a cut-off grade of 1.94g/t Pt-Eq. The contained metal figures shown are in situ. The platinum equivalency formula is based on assumed metal prices and recoveries and therefore represents Pt-Eq metal in situ. The Pt-Eq formula is: Pt-Eq g/t = Pt g/t + Pd g/t x 0.2721 + Au g/t x 0.3968 + Ag g/t x 0.000118 + Sulphide Ni g/t x 0.000433 + Sulphide Co g/t x 0.000428 + Rh g/t x 2.7211. The assumed metal prices used in the Pt-Eq formula are: Pt US\$1,470/oz, Pd US\$400/oz, Rh US\$4,000/oz, Au US\$875/oz, Ag US\$14.30/oz, Cu US\$2.10/lb, Ni US\$7.30/lb and Co US\$13.00/lb. The assumed process recoveries used in the Pt-Eq formula are: Pt 75%, Rh 75%, Rh 75%, Rh 50%, Cu 90%, and Ni and Co in sulphide 90%.

The assumed smelter recoveries used in the Pt-Eq formula are Pt 85%, Pd 85%, Rh 85%, Au 85%, Ag 85%, Cu 85%, Ni 90% and Co 50%. To account for a portion of the Ni and Co occurring as silicate minerals, Ni and Co in sulphide were estimated by linear regression of MgO to total Ni and total Co respectively. The regression formula for Ni in sulphide (NiSx) is: NiSx = Ni - (MgO% x 60.35 - 551.43). The regression formula for Co in sulphide (CoSx) is: CoSx = Co - (MgO% x 4.45 - 9.25). All figures have been rounded. Summations within the tables may not agree due to rounding. Magma undertook quality assurance and quality control studies on the mineral resource data and concluded that the collar, assay and lithology data are adequate to support resource estimation. The Mineral Resource categories under JORC are the same as the equivalent categories under CIM Definition Standards (2005). The Mineral Resource has been estimated in conformity with both generally accepted CIM "Estimation of Mineral Resources and Mineral Resources and Mineral Resources and the JORC Code (2004). Mineral resources are not mineral reserves and do not have demonstrated economic viability.

The information in this report that relates to Mineral Resources compiled internally by Magma was prepared by Mr. Guoliang Leon Ma P.Geo and Mr. Allan MacTavish P.Geo, both full time employees of Magma Metals (Canada) Limited, a wholly owned subsidiary Panoramic Resources Pty Ltd. Both Mr. Ma and Mr. MacTavish have sufficient experience, which is relevant to the style of mineralisation 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) and qualified persons as this term is defined in National Instrument 43-101. Mr. Ma and Mr. MacTavish consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.