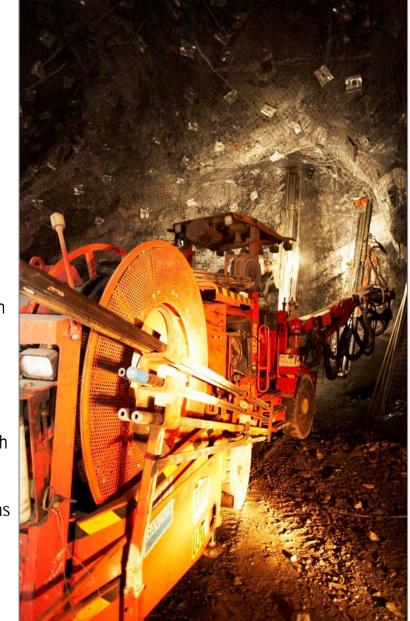


> 11<sup>th</sup> Annual General Meeting Managing Director's Presentation 21 November 2012

## **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.

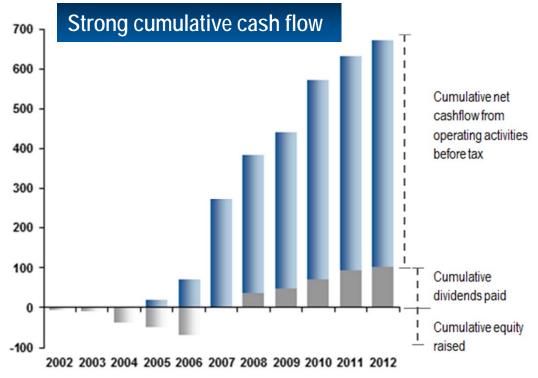
## Panoramic at a glance

vision commitment results



FAR	C Panoramic PGMs Panoramic Exploration	
Market Cap and Enterp	orise Value Pro forma	
S&P Index	S&P/ASX300	
Shares on issue	255.7M	
Share Price	\$0.56 (20 November 2012)	
Market Capitalisation	~A\$143M (20 November 2012)	
Cash	~A\$38M (30 September 2012)	
Hedge Book Value	~A\$3M (30 September 2012)	
Enterprise Value	~A\$102M	ŀ

Significant Resource Base				
Platinum + Palladium	2.8M oz			
Gold	2.2M oz			
Nickel	193kt			
Copper	42kt			
Cobalt	4kt			



## Panoramic Leadership

vision commitment results



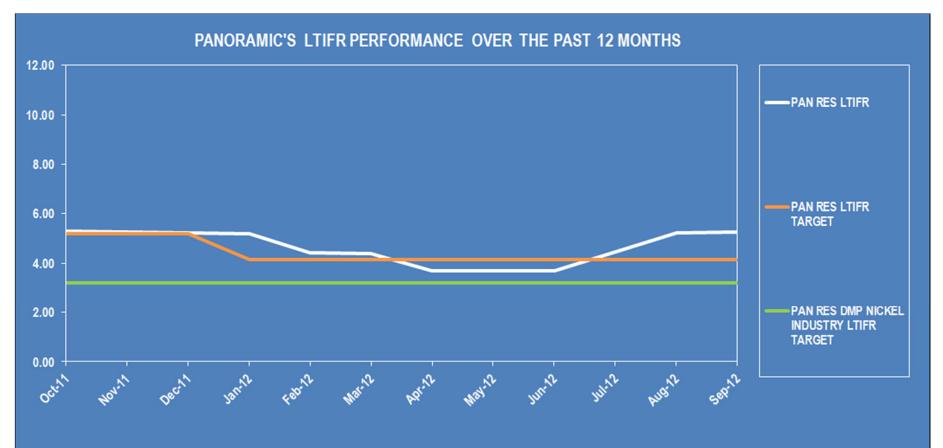


Experienced Board and management team with track record of discovery, development and production

## Continuous improvements in safety performance



- Reduction in Lost Time Injury Frequency Rate (LTIFR) down from 8.21 to 3.69 for FY12 (54% reduction in number of LTI's compared to FY11)
- LTIFR at end of the September 2012 quarter 5.26 two LTI's recorded for the quarter: 1 Back injury sustained after slipping on a grate 2 Mild shoulder injury that became an LTI after later surgery
- Internal target 4.14



## 2012 Highlights

vision commitment results



### Highlights of FY2012

- Cash Flow \$38 million free cash flow FY12
- Group Nickel Costs A\$6.01/lb FY12 avg (incl. royalties)
- Production 19,791t Ni a record
- Dividend a two cent interim dividend paid in March
- Major acquisitions:
  - **PAN Gold** Wilsons orebody (325koz) added to Gidgee resource base Mt Henry (70%) approx. **1.0Moz Au** in Resource
  - PAN PGMs Panton 1.0Moz Pt and 1.1Moz Pd in Resource Thunder Bay North - 377kt Pt and 355kt Pd in Resource

### Highlights of September Quarter 2012

- Strong group nickel production 4,869t Ni, FY2013 forecast is 18-19,000t Ni contained
- Exploration success:
  - Savannah Extension 9.7m at 2.55% Ni below the 900 Fault
  - Lanfranchi Extension mineralisation defined below existing resources
  - Gidgee Resource upgrade to 1.16Moz Au
  - Gidgee Scoping Study ~87,000oz pa Au over initial 7 years
- Cost savings and productivity initiatives targeting \$10-15 million pa



## Our Achievements

vision commitment results



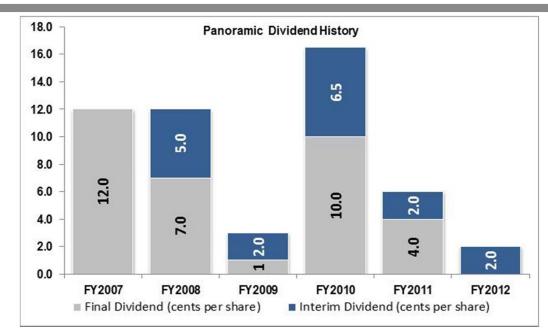
Savannah	<ul> <li>Financed, built and commissioned the open pit and underground mines, 1Mtpa concentrator (\$65M)</li> </ul>
Lanfranchi	<ul> <li>Purchased and commenced underground mining (\$25M)</li> </ul>
Resource & Reserves	<ul> <li>Added significant nickel resource and reserves through exploration success (Deacon 70kt Ni, Savannah Lower Zone, Gidgee)</li> </ul>
Nickel Production	<ul> <li>Grown from 6kt Ni in 2005 to a record of 19,791t Ni in FY12</li> </ul>
Aggregate Production	Over 110kt Ni contained since 2005
Dividends	<ul> <li>Paid \$102 million in fully franked dividends (51.5 cents per share) to shareholders to end FY12</li> </ul>
Diversification	<ul> <li>Added 2.2Moz gold and 2.8Moz PGMs to existing resource base</li> </ul>



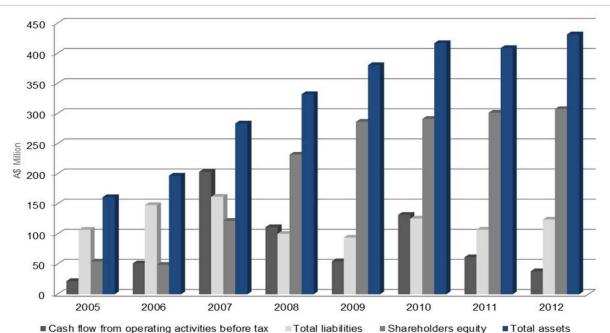
## Value Created for Shareholders

vision commitment results



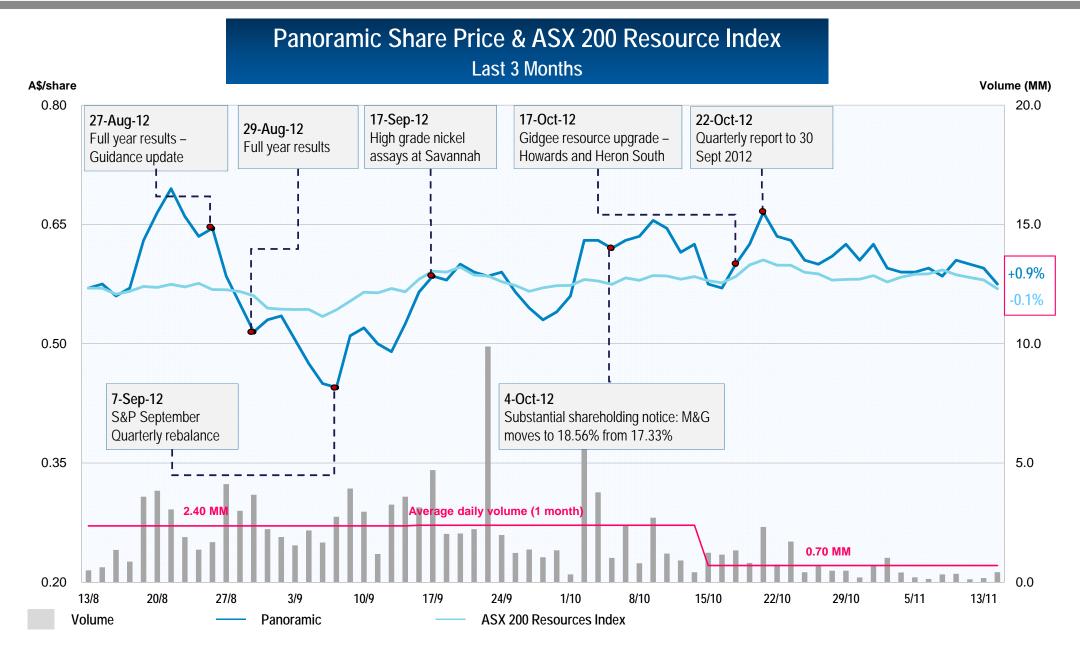


### \$102M PAID IN FULLY FRANKED DIVIDENDS TO-DATE



#### SHAREHOLDER EQUITY & TOTAL ASSETS CONTINUE TO GROW

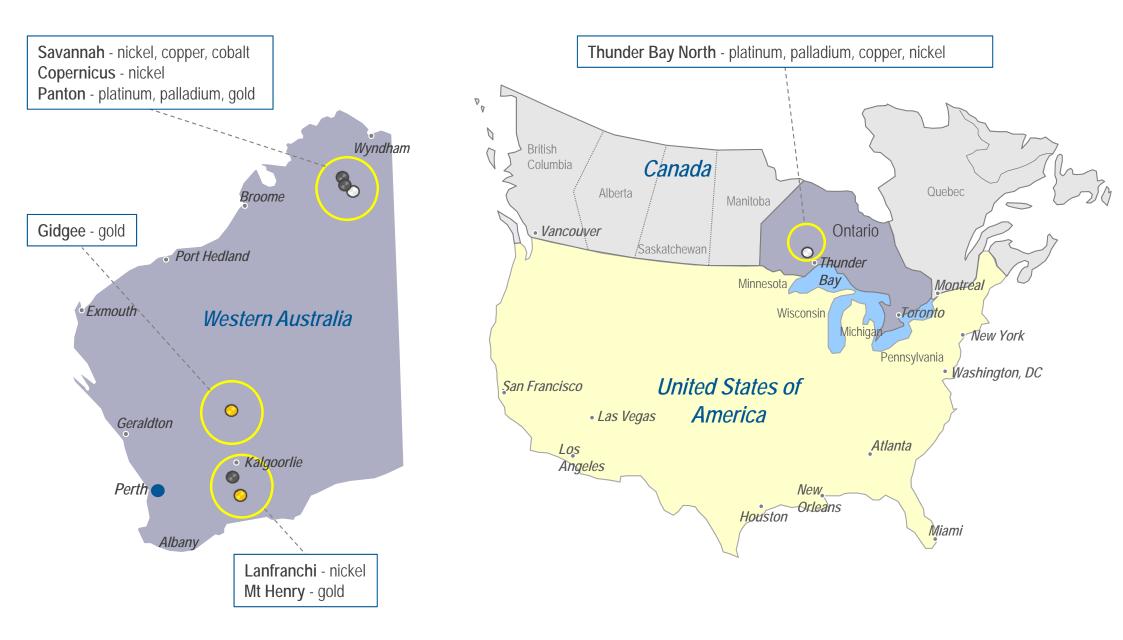




## Panoramic's project locations

vision commitment results





## **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*	80-90,000oz Au pa
Start Date	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	100,000oz Au pa (PAN 70%) Second half 2015
Initial Life*	Seven years

\*Based on Study work undertaken by previous owners

- Refer to Kalgoorlie-Boulder Resources (ASX: KAL) ASX announcement dated 17 April 2008

## Gidgee Scoping Study

vision commitment results



### Key Points\*

- Average Grade 3.15g/t (o/p 2.6g/t, u/g 6g/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 ongoing



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

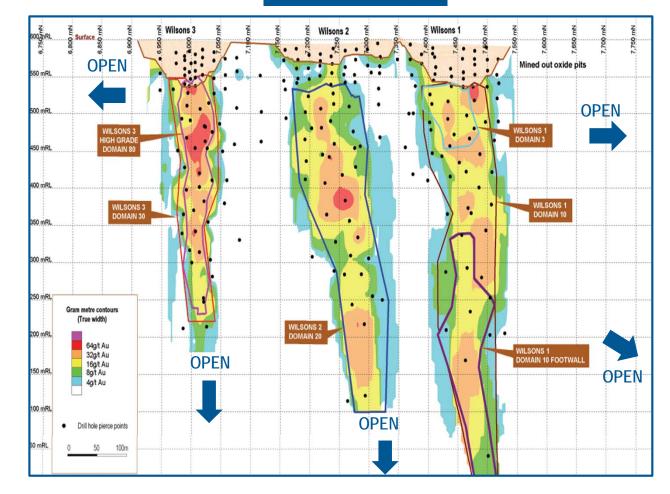
### **Heron South**

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

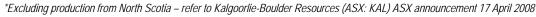
- Location Goldfields-Esperance region of Western Australia, 726kms east of Perth
- Resources 26.4Mt @ 1.72g/t for 1.46Moz of Au
- Equity Interest -1.02Moz Au
- **Previous Work** Scoping Studies undertaken on the Mt Henry, Selene and North Scotia orebodies by the previous owners and indicate robust economics

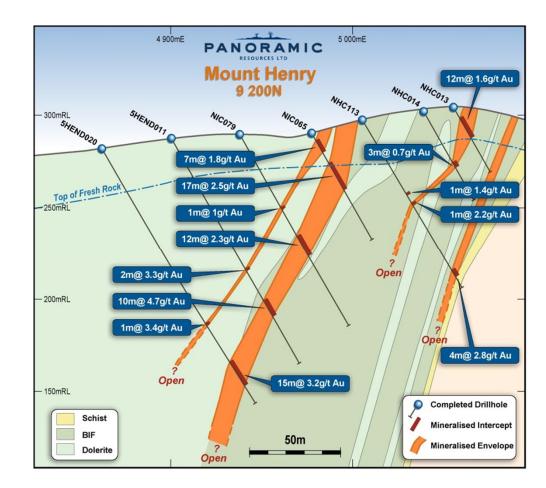
### Work in Progress

Bankable Feasibility Study

### **Investment Rationale**

- Adds significant resource base with exploration upside
- Potential production profile of 100,000oz pa for seven years\*
- Continues to advance Panoramic's stated diversification strategy and aim of building a significant gold business









	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				$\rightarrow$									
Technical Studies, Mine Planning						<b>BFS</b> Delive	ered						
Drilling (resource update, resource extensions, met testing)													
Approvals													
Financing													
Construction													
Production													

## **Gold Markets Review**

vision commitment results

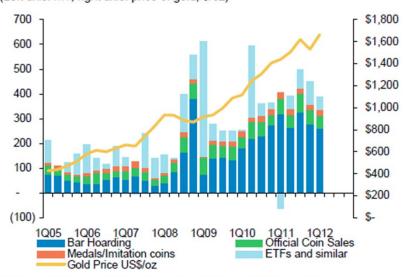
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Gold		Forecast FY13
Investment demand		Up 31%
Bank Sales	1	
Physical Demand (ETF's)	1	Growing demand
Gold Imports		Increased from Hong Kong into China
Price		US\$1,600 - US\$1,850/oz

Key Uses		Supply			
Jewellery	49%	Latin America	17%		
Bar Hoarding	27%	North America	16%		
ETF Investments	5%	China	14%		
Official coins	10%	Australia	9%		
Medals and Imitation Coins	10%	Russia	8%		
Dental	1%	South Africa	8%		
Electronics	8%	Others	28%		

- Positive demand outlook
  - Central banks continue to buy gold
  - Strong physical demand in Asia
    - US\$1,600 US\$1,850/oz FY13 forecast range

#### Gold Investment Demand (Left axis: MT; right axis: price of gold, \$/oz)



Source: WGC, GFMS, Morgan Stanley Commodity Research

#### Gold Price in AUD

(Left axis: price, \$/oz; right axis: AUD/oz)



## Panoramic Nickel - Overview

vision commitment results

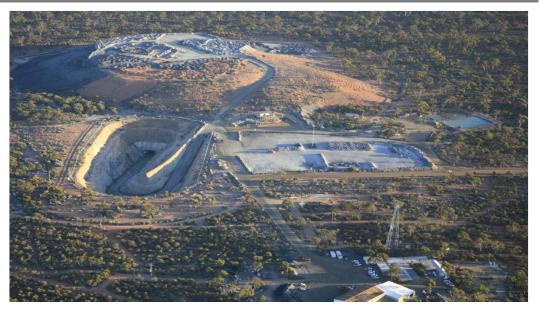
#### 

### 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	~270 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	~250 employees and contractors

## 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

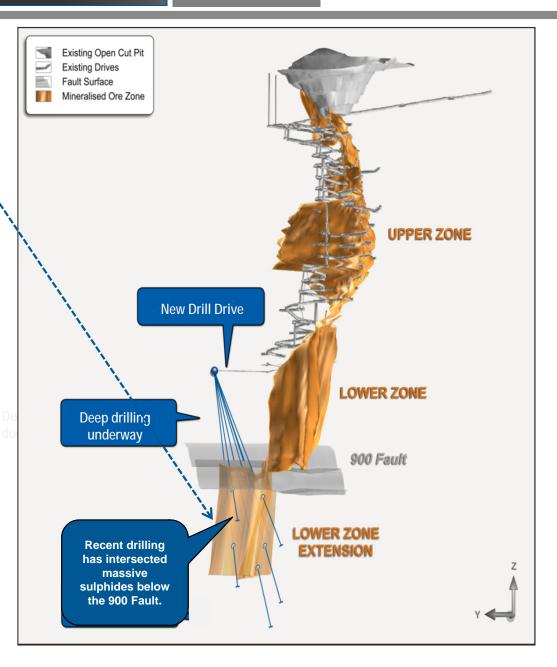
vision commitment results



### Lower Zone Extension drilling

- First 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
  - KUD1518A 506.3 to 523.6m Savannah style contact mineralisation
  - KUD1517A 556.4 to 566.2m Savannah style contact mineralisation

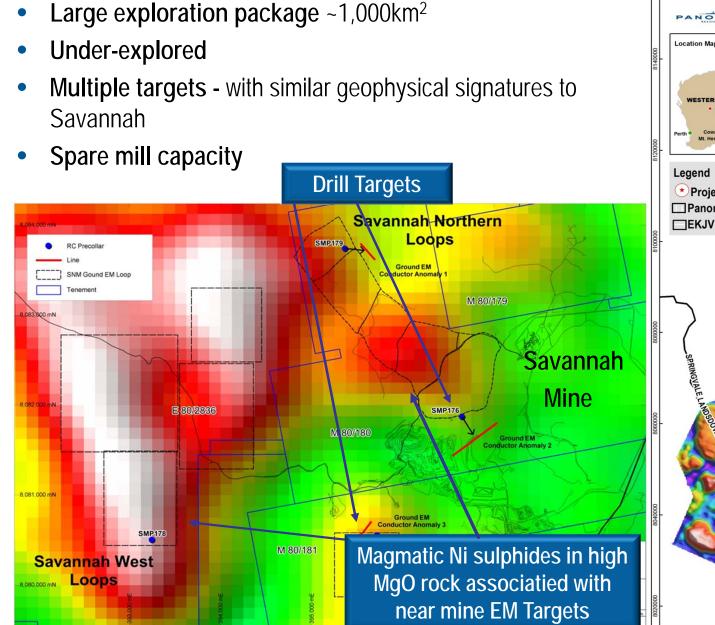


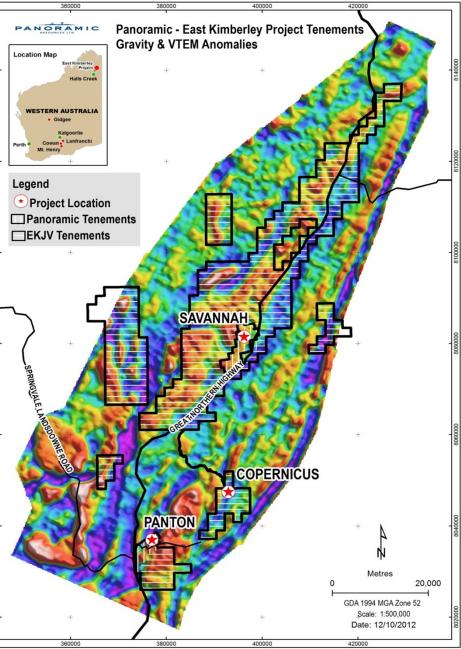


## Savannah Regional – Upside

vision commitment results





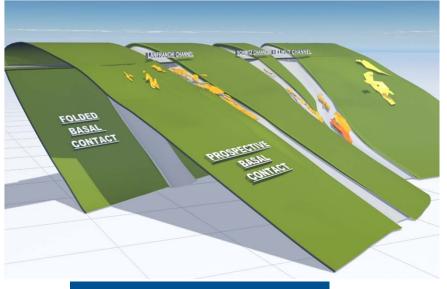




- Production to date >150,000t Ni
- Resources ~120,000t Ni
- **Exploration** focus on down-plunge & regional
- Targeting >10 year Mine Life

#### Three Parallel Mineralised Channels at Lanfranchi





Lanfranchi Overturned Dome

## 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

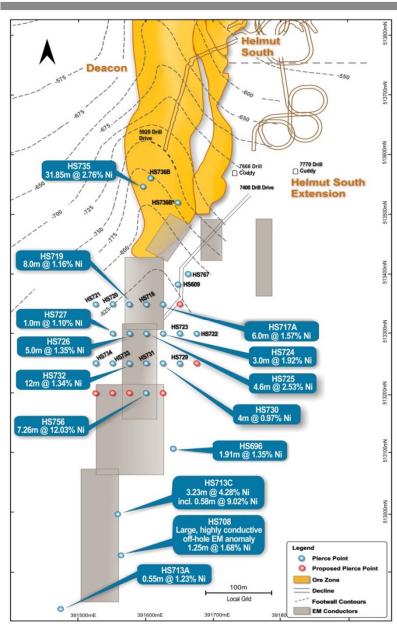
- \$8M investment
  - 150 rooms all with ensuites
  - Improved employee morale, well being, less fatigue associated with shorter travel time (was 1.5hrs/day, now 10 mins/day)
  - Increase leisure time
  - Overall improved employee wellbeing



## Lanfranchi – Upside

vision commitment results

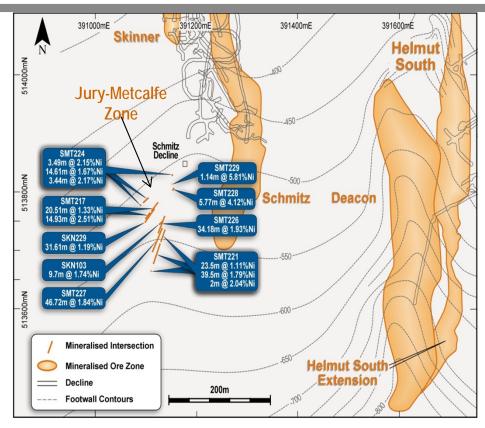






- Significant EM conductors
   down-plunge
- HS73531.85m @ 2.76%HS7198.0m @ 1.16%HS73212m @ 1.34%HS7567.26m @ 12.03%HS69224.0m @ 1.42% Niincl.15.7m @ 1.55% NiHS713C3.23m @ 4.28% Niincl.0.58m @ 9.02% NiHS7081.25m @ 1.68% Ni

large, highly conductive offhole EM anomaly



#### Jury-Metcalfe Discovery

Six holes intersected disseminated & matrix style Ni sulphides

Best results include: SMT221 39.5m @ 1.79% Ni

SMT226 34.2m @ 1.93% Ni

SMT227 46.7m @ 1.84% Ni

#### Next steps:

- Planning further drilling
- Drill drive extension

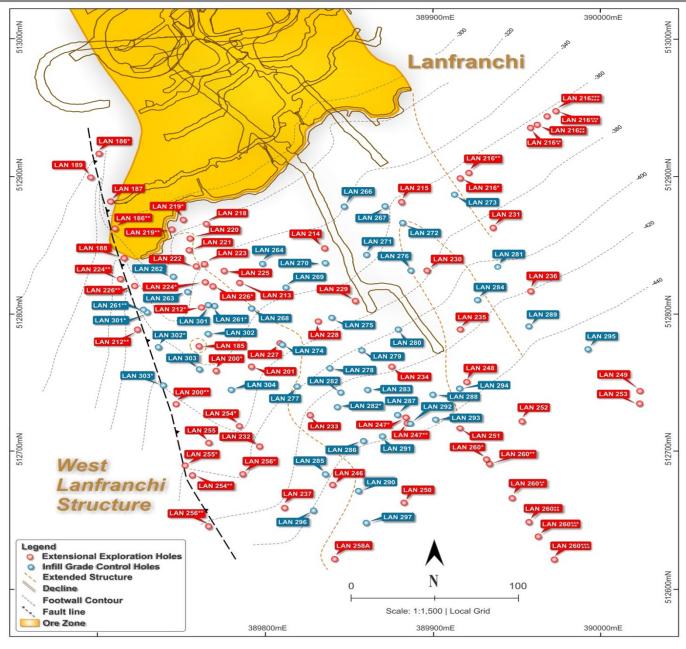
## Lanfranchi – Upside

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%



## Nickel Markets Review

vision commitment results



### Catalysts for improved Ni prices

- Improved stainless steel demand, volatile but uptrend intact
- Supply side issues associated with delays in new laterite projects should balance out lower demand growth
- Risk on new projects ramp ups
- Macquarie Bank forecasting US\$11-13/lb going forward

`000t	<u>2010</u>	<u>2011</u>	<u>2012f</u>	<u>2013f</u>	<u>2014f</u>	<u>2015f</u>	<u>2016f</u>	2017
Total SS Production	32148	34041	35297	37212	39675	41754	43809	4561
% Change	23.6%	5.9%	3.7%	5.4%	6.6%	5.2%	4.9%	4.19
Ni-containing SS Prod.	23410	25524	26458	27718	29707	31136	32633	3405
% Change	23.6%	9.0%	3.7%	4.8%	7.2%	4.8%	4.8%	4.4
Nickel Consumption	1502	1611	1664	1763	1889	1973	2055	214
% Change	18.8%	7.3%	3.3%	5.9%	7.2%	4.5%	4.2%	4.1
Nickel Supply	1450	1620	1717	1832	1959	2020	2091	209
% Change	6.7%	11.7%	6.0%	6.7%	7.0%	3.1%	3.5%	0.4
(of which NPI)	(159)	(273)	(300)	(330)	(300)	(300)	(300)	(29)
World Market Balance	-52	8	53	69	70	47	35	-4
LME/Producer stocks	228	181	234	303	373	420	455	41
Weeks' world demand	7.7	5.7	7.2	8.8	10.1	10.9	11.3	9
LME Cash Price (cents/lb)	989	1036	791	828	958	1100	1200	130
LME Cash Price (\$/tonne)	21810	22831	17436	18250	21124	24251	26455	2866

Source: Macquarie Bank Commodities Research - presentation, Nov 2012

## 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*	~65,000oz pa Pt+Pd
Start Date	2016+
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*	~83,000oz pa Pt+Pd+Au
Start Date	2016+
Initial Life*	Ten years

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

## **Thunder Bay North**

vision commitment results

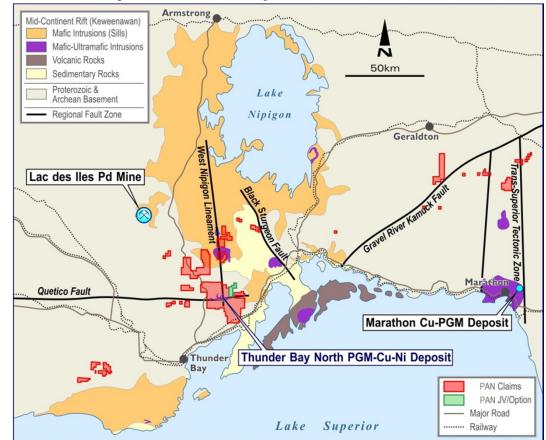


#### **Overview**

- Large regional ground position 1,100km<sup>2</sup>
- 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



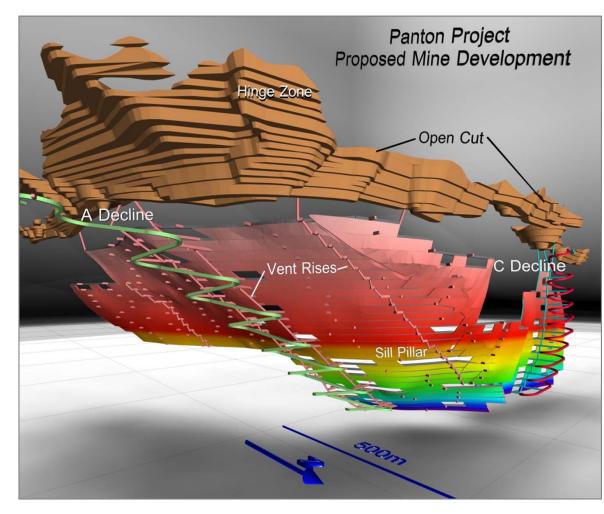
## Panton PGM Project

vision commitment results



### 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\*

vision commitment results

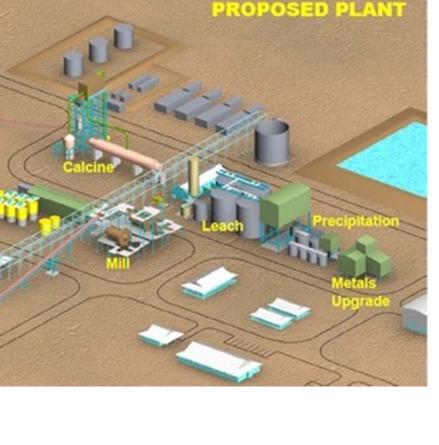


PANTON PROJECT

### **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





## **PGMs Market Review**

Source: "Platinum 2012 Interim Review" Johnson Matthey PLC

vision
commitmer
results



Platinum		Forecast FY12
World platinum production		10% to 5.84moz
Platinum recycling		11% to 1.83moz
World platinum demand	_	8.07moz
Autocatalyst demand	-	3.07moz
Jewellery demand		2.725moz
Industrial demand	₽	13% yoy to 1.785moz
Investment demand		490,000oz inflow
Price forecasts FY12*		US\$1,400-1,800/oz

Palladium		Forecast FY12
World palladium output	↓	11% to 6.57moz
World gross palladium demand	1	15% to 9.725moz
Autocatalyst demand		7% to 6.48moz
Jewellery demand	↓	11% to 0.45moz
Industrial demand	₽	3% to 2.41moz
Investment demand	1	385,000oz inflow
Price forecasts FY12*		US\$550-750/oz

#### Platinum

- Forecasting record deficit of a 400,000oz for FY12 (FY11: 430,000 surplus)
- Supply challenged by labour disruptions in South Africa, declining recycling



### Palladium

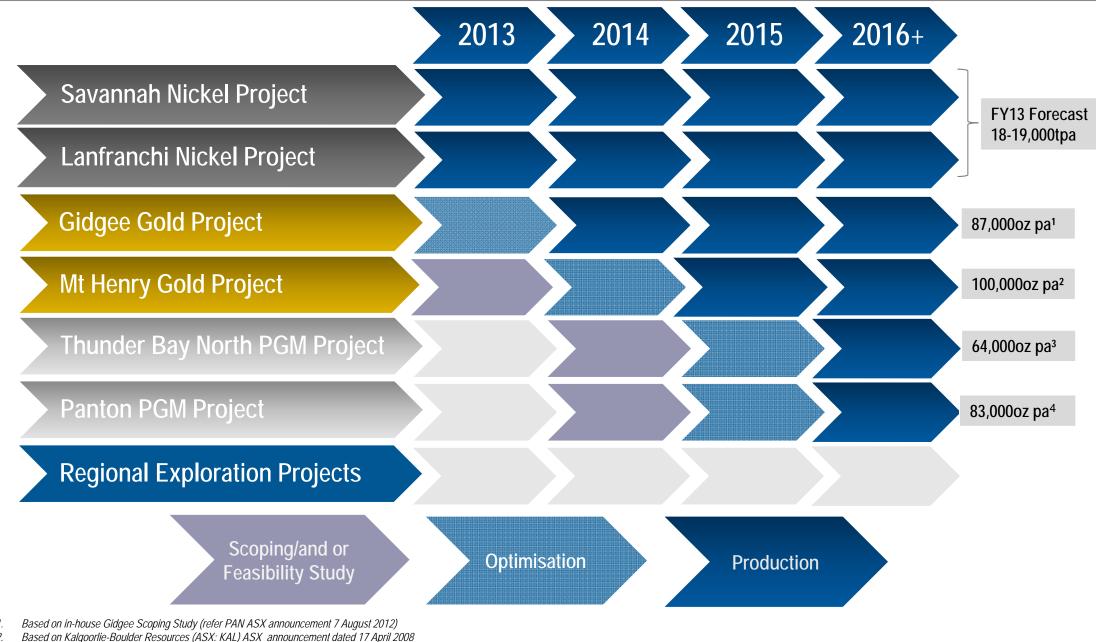
- Forecasting a deficit of 915,000oz for FY12 (FY11: 1,255,000oz surplus)
- Lower sales of Russian state stocks, stronger gross demand and less recycling



## Project timelines

vision commitment results





Based on Kalgoorlie-Boulder Resources (ASX: KAL) ASX announcement dated 17 April 2008
 Based on Magma Metals Preliminary Economic Assessment (Feb 2011) for combined Pt+Pd

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

## **Regional Exploration**

vision commitment results



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

#### Lake Grace

- 10,500km<sup>2</sup> exploration package with historic Gold production
- Historic drilling has identified three key zones for follow up

#### Northern Dome

 Exploration model north of Lanfranchi testing "overturned dome" theory

#### **Gidgee Regional**

- Large tenement package of 1,200km<sup>2</sup>
- 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

#### е

• Large exploration holding south of Lanfranchi

Cowan

 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

Western

Australia

Perth

- 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 1,000km<sup>2</sup> 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



 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									

## Sustainability

vision commitment results

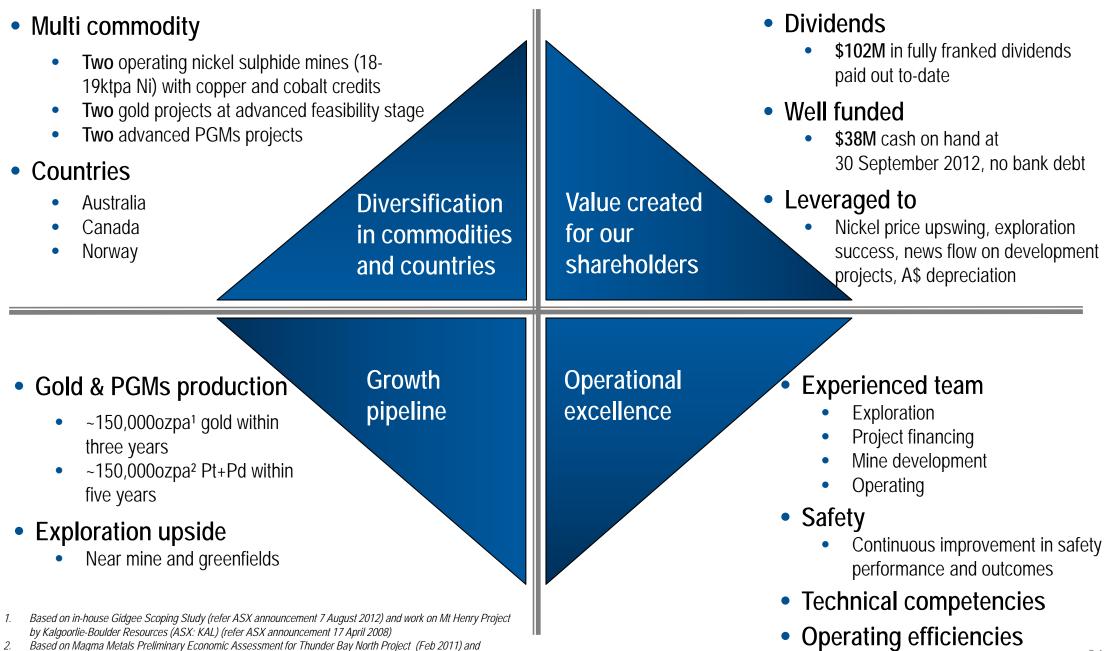


Performance Area	Material Issues in 2012/13
Our Business	Business Growth & Diversification Strategy
Our Busiliess	Commodity Prices
	Mine Life of our Projects
	US\$/A\$ exchange rate
Workforce	Attraction & Retention
	Competitive Employment Package
·	Diversity & Equal Opportunity
Occupational Health	Hazard & Risk Management
& Safety	Contractor Management
& Salety	Safety Culture & Leadership
Environment	Tailings Storage Management (Savannah)
	Water Management
Economic	Impact of Exchange Rates on Revenue
	Nickel Price Outlook
	Cost Pressures
Community	Indigenous Employment & Training
	Community Engagement & Development
Supply Chain	Supporting Local Suppliers

## **Investment Rationale**

vision commitment results





Platinum Australia 2012 BFS Review for Panton Project (March 2012)

## Well Positioned and Committed to Growth

vision commitment results



12 month plan	
Safety	<ul> <li>Improve our safety performance</li> <li>Maintain focus on safety to ensure all staff return "<i>safely home every day"</i></li> </ul>
Gold Projects	<ul> <li>Gidgee - complete Feasibility, finance and commence development</li> <li>Mt Henry - complete Bankable Feasibility Study</li> </ul>
Nickel Operations	<ul> <li>Implement cost savings and productivity initiatives</li> <li>Grow existing resource and reserve base to extend the mine life of our operations</li> </ul>
PGMs	<ul> <li>Thunder Bay North - continue optimisation studies, settle on preferred flow sheet, continue exploration</li> <li>Panton - review BFS reports, identify synergies with Savannah</li> </ul>
Corporate	<ul><li>Reduce costs</li><li>Finance Gidgee</li></ul>
Exploration	<ul> <li>Resource drilling at Gidgee</li> <li>Savannah Deeps</li> <li>Lanfranchi channel extensions</li> </ul>
Capital Growth	<ul> <li>Nickel price recovery, market recognition as our diversification strategy is implemented through the advancement of our gold and PGM assets</li> </ul>





## 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.



#### Savannah, Copernicus, Lanfranchi Resources Table

Resource	Equity	Metal	Date of	Measured		Indicated		Inferred		Total		Metal Tonnes
	Equity	metar	Resource	Tonnes	Ni (%)	Tonnes	Ni (%)	Tonnes	Ni (%)	Tonnes	Ni (%)	
Savannah Project	100%											
		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
		Cobalt			0.08		0.08		-		0.08	3,700
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										
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	1.77	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										193,500
		Copper										41,900
		Cobalt										4,000



#### Savannah, Copernicus, Lanfranchi Reserves Table

Decerve	Faulty	Motol	Date of	Prov	/e <b>n</b>	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 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 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.



Resource	Equity	Metal	Date of	Measured		Indicated		Inferred		Total		Metal (Au oz)
Resource	Lquity	WELA	Resource	Tonnes	Au (g/t)	Tonnes	Au (g/t)	Tonnes	Au (g/t)	Tonnes	Au (g/t)	
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



#### **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 full-time 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.



#### Grade Metal (oz) Cu Ni Date of Pt Pd Au Pt Pd Equity Resource Tonnage Resource (%) (%) (g/t)(g/t) (g/t)(oz ,000) (000, zo) **Top Reef** 100% Mar-12 Measured 4,400,000 2.46 2.83 0.42 0.28 0.08 348 400 4,130,000 2.73 3.21 0.38 0.31 0.09 363 426 Indicated 1,560,000 2.10 2.35 0.38 0.36 0.13 105 118 **Middle Reef** 100% Mar-12 2,130,000 75 Measured 1.36 1.09 0.10 0.18 0.03 93 0.04 75 62 Indicated 1,500,000 1.56 1.28 0.10 0.19 600,000 1.22 1.07 0.01 0.19 0.05 24 21 **Total (Equity)** 984 1.081 14,320,000

#### **Panton PGM Project - Resources**

The information is 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 Eq	Equity	Date of	Tonnage	Pt	Pd	Rh	Au	Ag	Cu	Ni	Со	Pt-Eq	Pt	Pd	
	Equity	Resource	Resource	Resource	Tonnage	(g/t)	(g/t)	(g/t)	(g/t)	(g/t)	(%)	(%)	%	(g/t)	(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 Resources (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 0.0062 + 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, Co 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 0.000418 + 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\$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%, Pd 75%, Rh 75%, Au 50%, Ag 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%, 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 Reserves Best Practice" (2003) guidelines 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.