

INDEPENDENCE GROUP NL

MACQUARIE AUSTRALIA CONFERENCE 2017

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3 May 2017



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- There are a number of risks specific to IGO and of a general nature which may affect the future operating and financial performance of IGO and the value of an investment in IGO including and not limited to economic conditions, stock market fluctuations, commodity demand and price movements, access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve and resource estimations, native title and title risks, foreign currency fluctuations and mining development, construction and commissioning risk. The production guidance in this presentation is subject to risks specific to IGO and of a general nature which may affect the future operating and financial performance of IGO.
- Any references to IGO Mineral Resource and Ore Reserve estimates, except the Tropicana Mineral Resource and Ore Reserve should be read in conjunction with IGO’s 2016 Mineral Resource and Ore Reserve announcement dated 14 October 2016 and lodged with the ASX, which are available on the IGO website.
- References to Mineral Resource and Ore Reserve estimates at Tropicana should be read in conjunction with IGO’s Tropicana Gold Mine Value Enhancement Update, dated 15 December 2016 and lodged with the ASX, and is available on the IGO website.
- All currency amounts in **Australian Dollars** unless otherwise noted.
- Cash Costs are reported inclusive of Royalties and after by-product credits on per unit of payable metal basis, unless otherwise stated
- IGO reports All-in Sustaining Costs (AISC) per ounce of gold for its 30% interest in the Tropicana Gold Mine using the World Gold Council guidelines for AISC. The World Gold Council guidelines publication was released via press release on 27 June 2013 and is available from the World Gold Council’s website.
- Underlying EBITDA is a non-IFRS measure and comprises net profit or loss after tax, adjusted to exclude tax expense, finance costs, interest income, asset impairments, depreciation and amortisation, and once-off transaction costs.
- Underlying NPAT comprises net profit (loss) after tax adjusted for; post tax effect of acquisition and integration costs, and impairments.

We are a company with purpose



A company with purpose

To create long-term shareholder value



Acquire

Discover

Develop

Operate

Diversified mining company

Quality

Scale

Longevity

Geographical focus

“High quality, long life assets make great mining companies” Bradford

“Long term commitment to exploration of belt scale land positions with the potential to deliver tier one discoveries” Dusci

IGO snapshot

Diversified explorer, developer and miner



Perth based, WA focused

Strong Board and Management

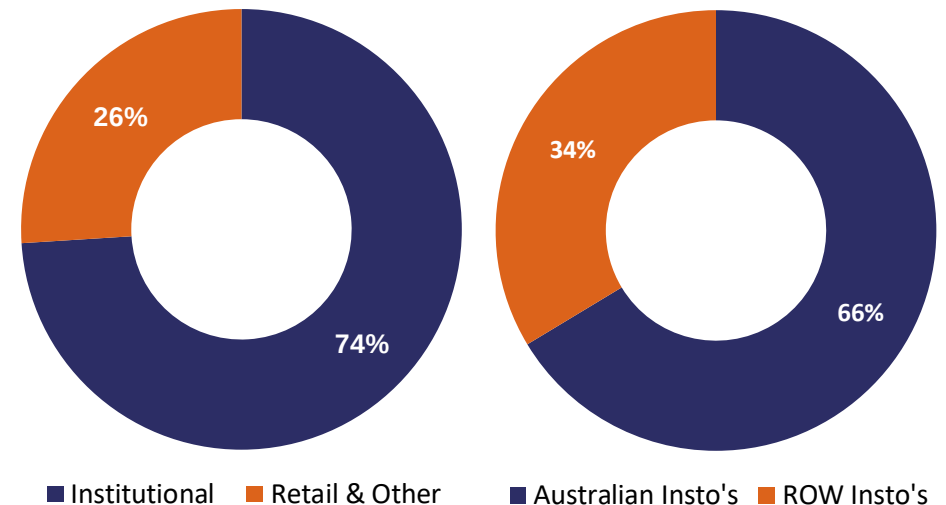
Scale: ~A\$1.9 billion market capitalisation

Liquid: ~5 million shares per day

Robust balance sheet

+30% NPAT as dividend payment

Share Ownership⁽¹⁾



Share Price Performance⁽²⁾



1) As at April 2017
2) As at market close 24 Apr 2017

IGO leadership

Strong Board & Management



Strong & Diverse Board



Peter
Bilbe (Chair)
Mining



Debra
Bakker (NED)
Banking



Peter
Buck (NED)
Geology



Geoff
Clifford (NED)
Finance



Keith
Spence (NED)
Oil & Gas



Neil
Warburton (NED)
Mining

Strong Management Team



Peter
Bradford
MD & CEO



Rob
Dennis
Operations



Scott
Steinkrug
Finance, IT &
Procurement



Matt
Dusci
Growth &
Innovation



Sam
Retallack
People &
Culture



Keith
Ashby
Governance &
Risk



Jo
McDonald
Company
Secretary

Diversified portfolio

Delivering consistent operating margin



Core Assets



Ni/Cu

NOVA⁽¹⁾



Au

TROPICANA⁽²⁾

Other Assets



Zn/Cu

JAGUAR⁽¹⁾



Ni

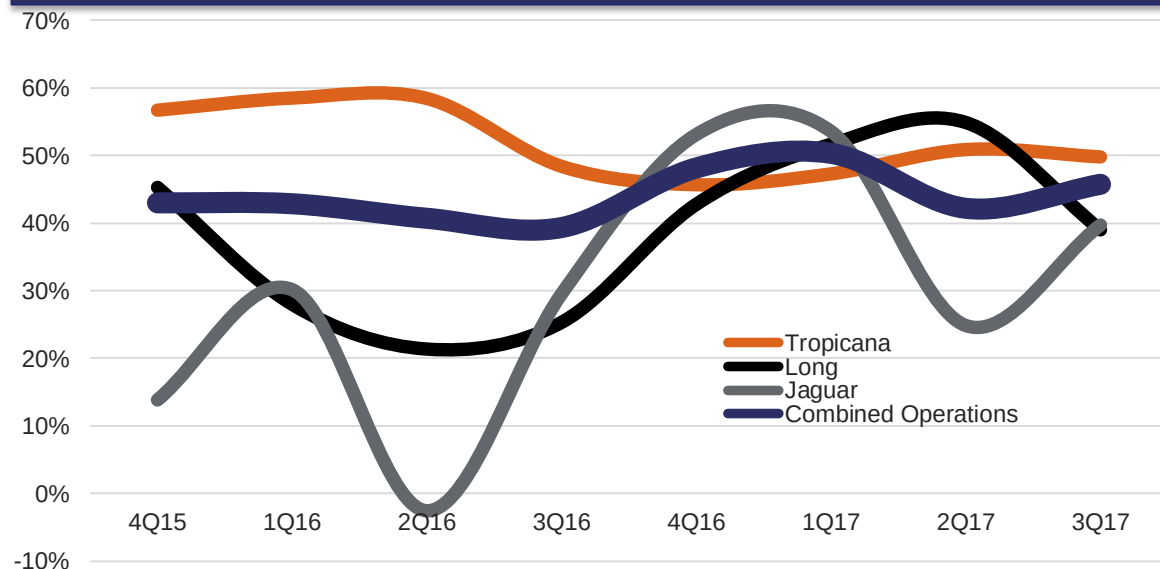
LONG⁽¹⁾



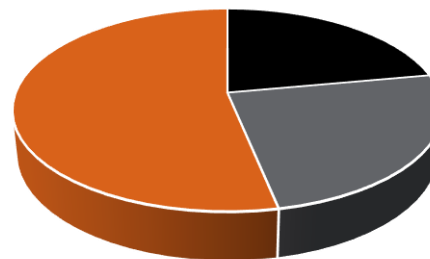
Cu/Zn

STOCKMAN⁽¹⁾

Operating Margin

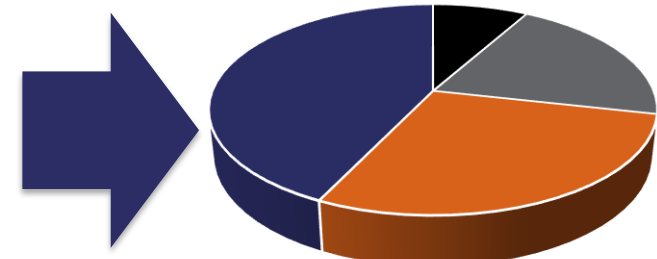


IGO EBITDA FY15⁽³⁾



■ Long ■ Jaguar ■ Tropicana

IGO EBITDA FY18E⁽³⁾



■ Long ■ Jaguar ■ Tropicana ■ Nova

1) 100% IGO owned

2) 30% IGO owned (unincorporated joint venture)

3) Source Data: Macquarie Research April 2017

Our flagship Nova nickel-copper mine



Nova

World class, low cost magmatic nickel-copper mine



Quality

- ✓ High grade, thick, flat lying magmatic sulphide orebody

Scale

- ✓ Average +26kt Ni, 11kt Cu & 1kt Co per annum

Longevity

- ✓ Initial 10 year mine life with huge exploration potential

Geographical focus

- ✓ Located in WA on Fraser Range (proximal to Tropicana)



Nova timeline

World class timetable from discovery to production



Discovery

Jul 2012



Construction Start

Jan 2015

Nameplate Production

Sep 17

2012

2013

2014

2015

2016

2017



Feasibility Study

Jul 2014



First Concentrate

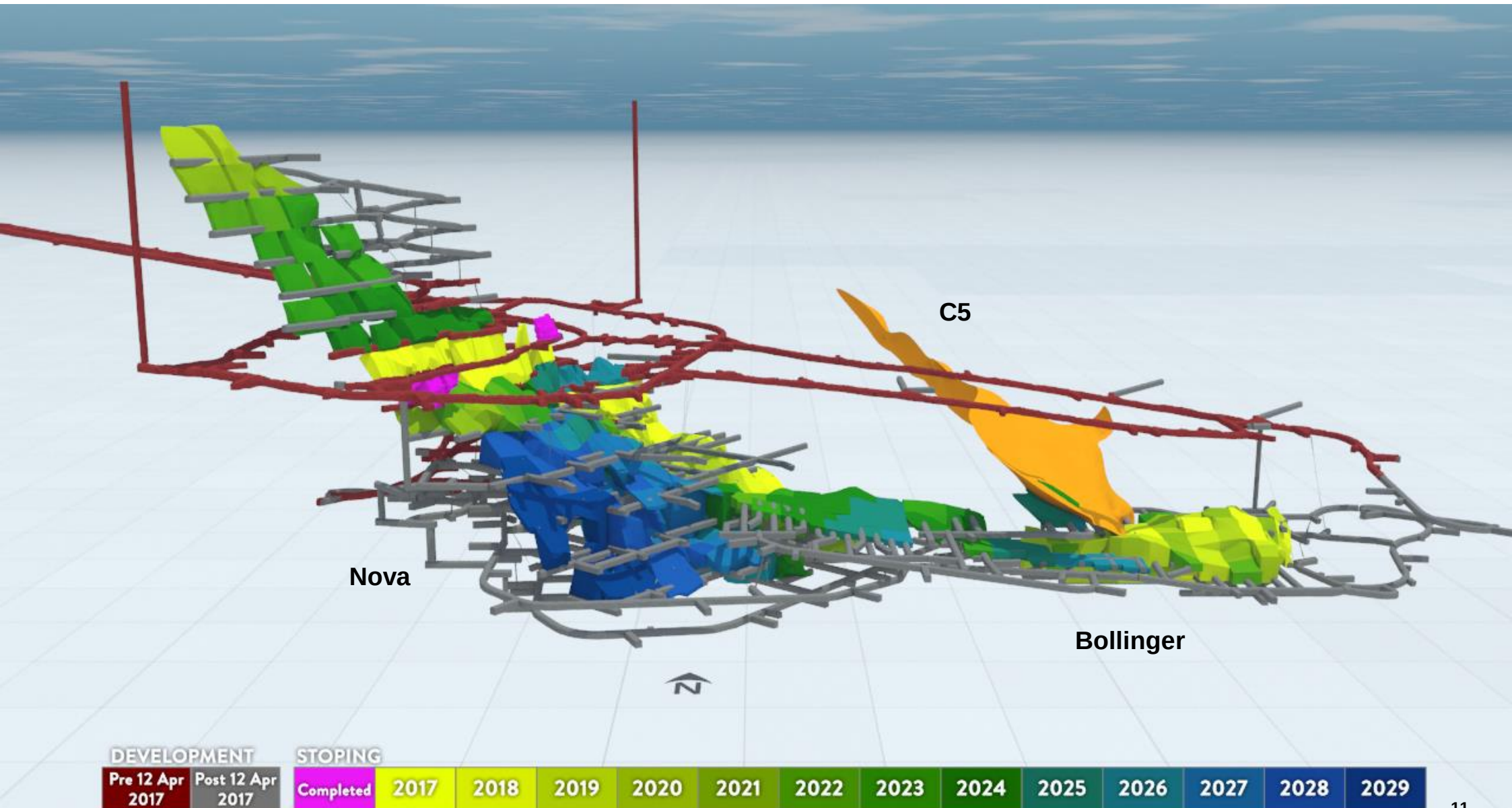
Oct 2016

Nameplate capacity expected to be achieved 12 months earlier than DFS estimate

5 ¼ years from discovery to nameplate = world class

Nova mine design & schedule

Priority (till now) has been underground development

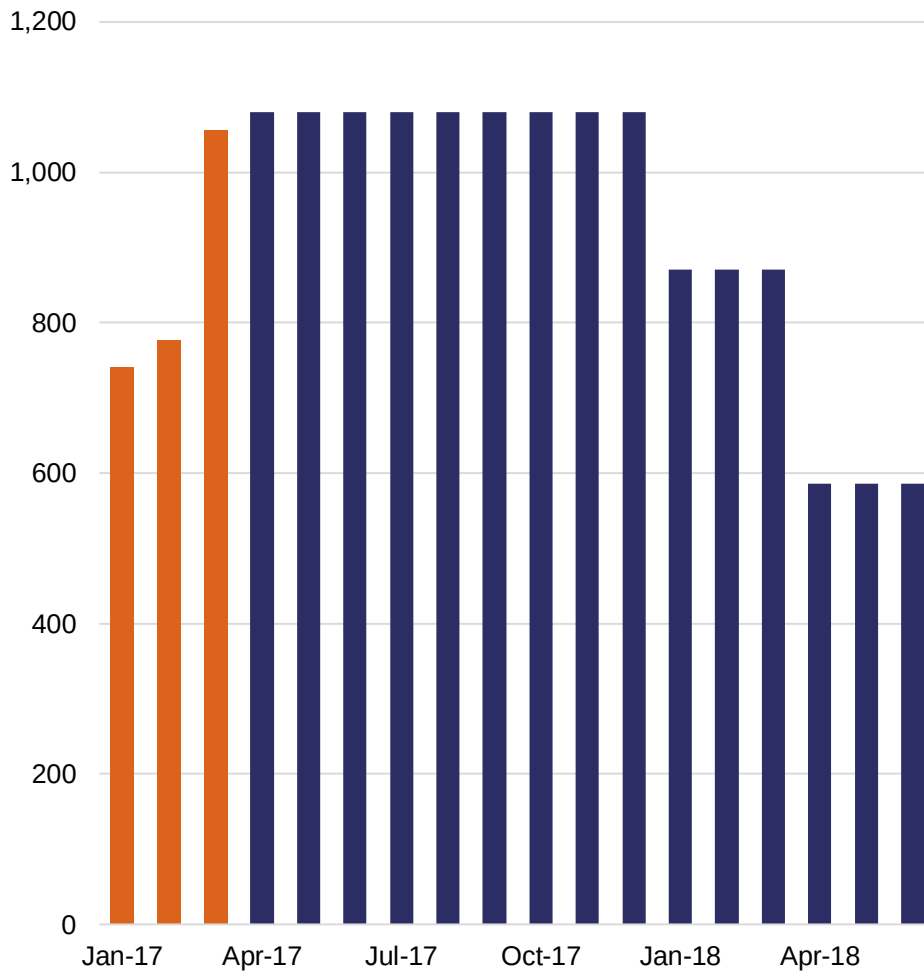


Nova underground mining

Capital development to be substantially completed in 2018



m/month (average)



Barminto resolved development rate

Focus moving to stope drilling

Ramp up to nameplate in Sep 2017 qtr

LOM mine infrastructure complete

Capital development complete in 2018

LOM grade control complete Dec 2017

Nova concentrates

Highly marketable concentrates

Nickel concentrates

- Nickel concentrate grading 13.5% Ni
- No Arsenic
- High Fe to MgO ratio preferred by smelters

Copper concentrates

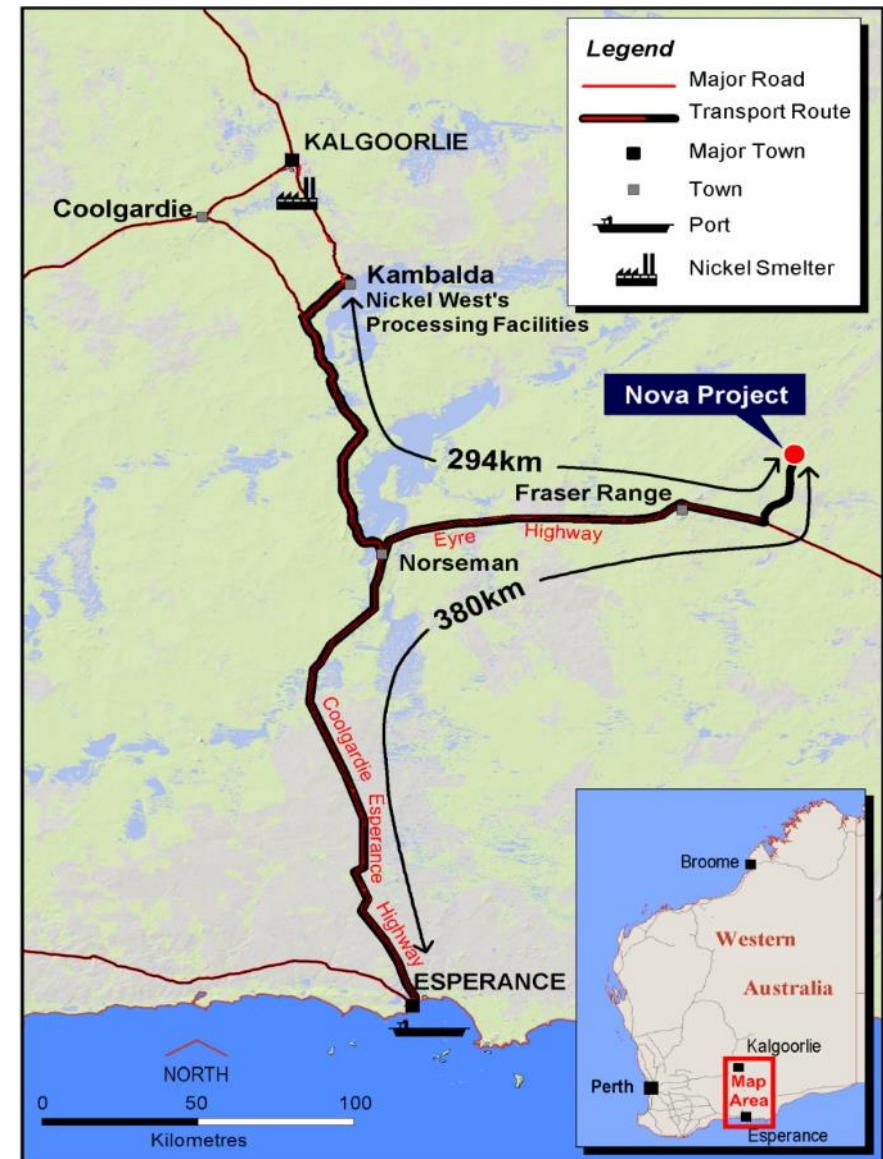
- Copper concentrate grading 29%
- No deleterious elements

Offtake agreements in place for first 3 years

- Nickel contracted 50/50 to BHP Nickel West & Glencore
- Copper contracted Trafigura
- Offshore shipments via Port of Esperance

Current status

- Shipping to BHP Nickel West since Dec 2016
- First offshore shipments expected in 4Q17
- No material issues with concentrate quality



Nova engagement

Aboriginal engagement and employment opportunities



Ngadju are the traditional owners

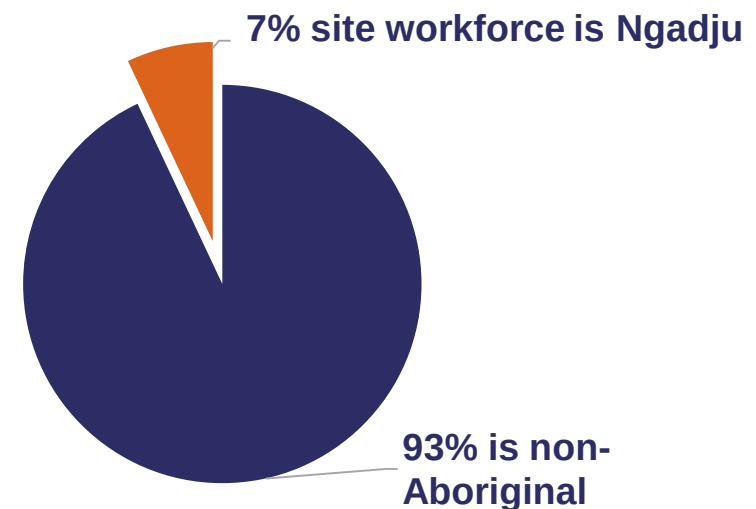
Support for 3 Ngadju owned businesses

IGO actively engages with Ngadju

Traineeship program

Direct and indirect employment

Support for community programs





Tropicana gold mine, a successful JV

Tropicana overview

Making a great asset better through value enhancement

Quality

- ✓ Engineering to bring value forward through grade streaming

Scale

- ✓ +120,000 oz/year (IGO share)

Longevity

- ✓ Initial 11 year mine life being extended by strip mining

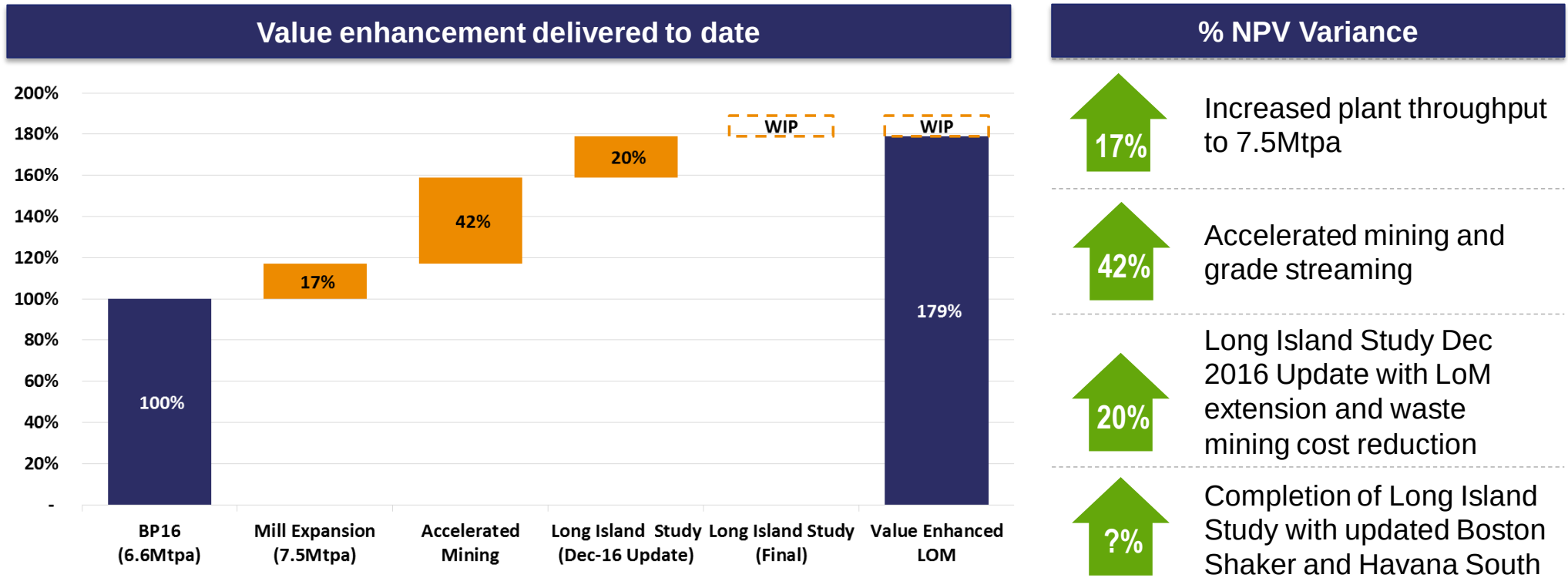
Geographical focus

- ✓ Located in WA proximal to Nova



Tropicana value enhancement

Value enhancement delivers 79% increase in value



Further value enhancement to be unlocked in 2017

Additional mine life increase

Incremental plant expansion

Acceleration of regional exploration

Tropicana plant expansion

Processing plant expansion successfully completed



29% increase in throughput from as built nameplate capacity

7.5Mtpa expansion successfully completed

200 - 400ktpa additional throughput targeted in CY17

A\$6.9M improvement capital estimated in CY17 (100% basis)

Tropicana production profile

Accelerated mining and grade streaming

Accelerated mining

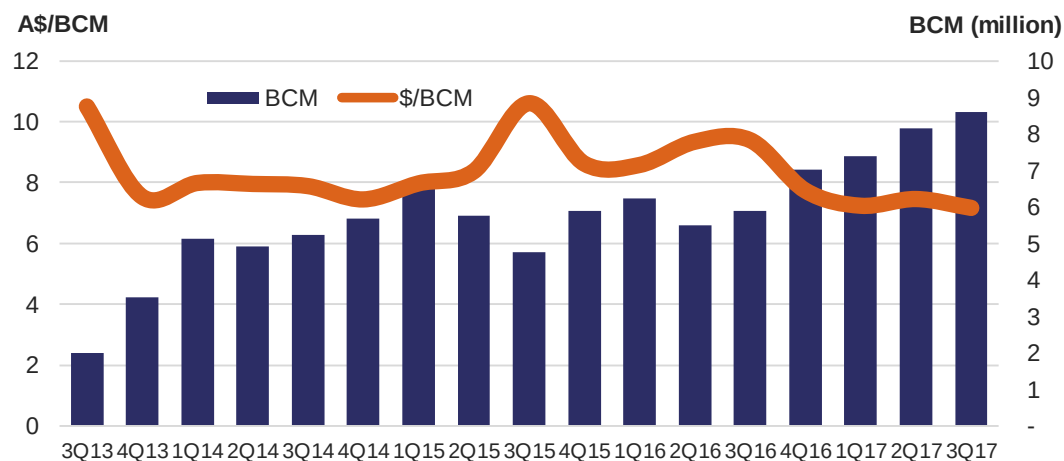
First 600 tonne class hydraulic shovel operational at Tropicana from Nov 2016

Delivers lower waste mining costs and increased mining rates to approximately 80Mtpa

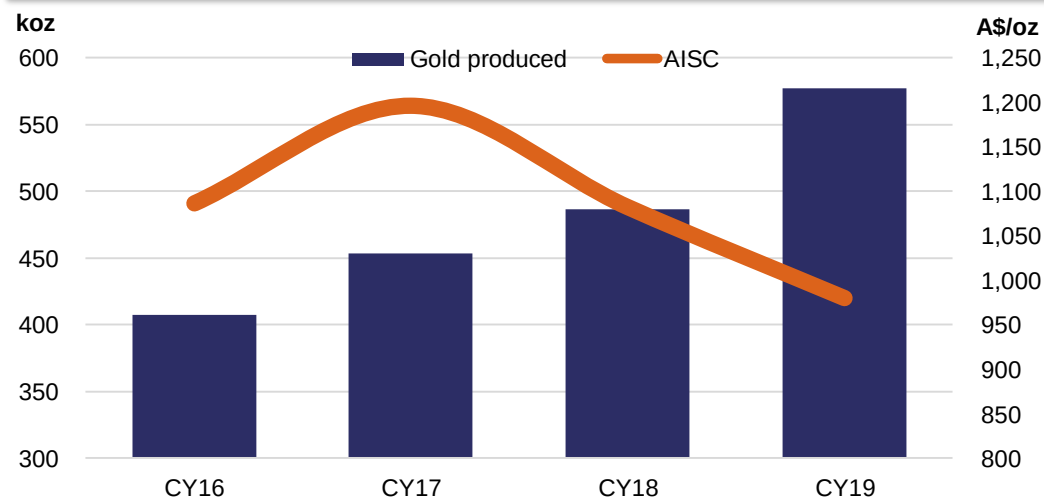
Recommencement of grade streaming

~30% increase in planned processed head-grade from 1.8g/t to 2.3g/t for 2017-2019⁽¹⁾

BCM movement and unit cost



Directional production and AISC⁽¹⁾



¹⁾ Grade streaming and elevated mill head-grades delivered through an accelerated mining rate and stockpiling strategy. This is scheduled for approximately three years.

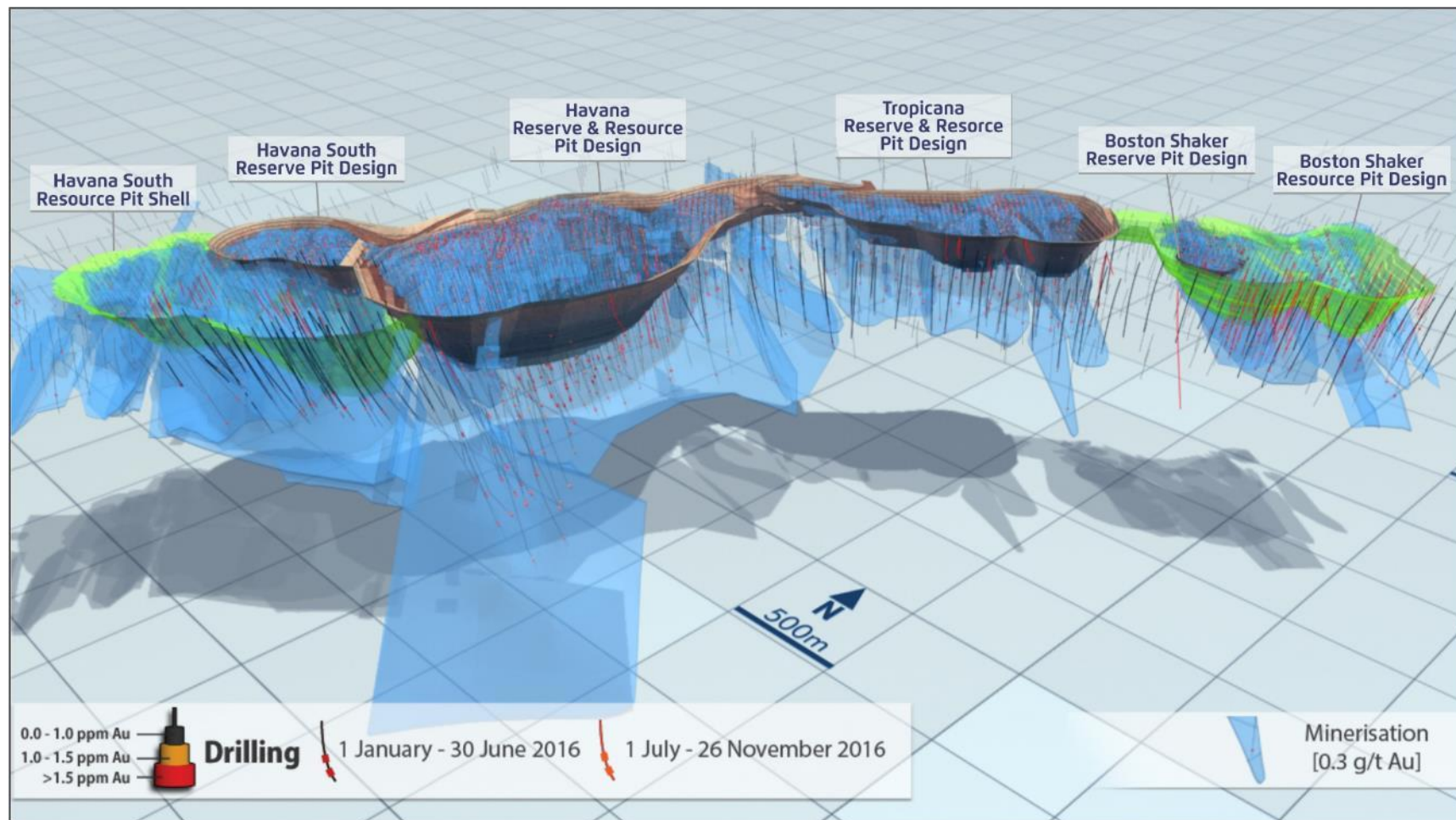
Tropicana resource extension

Framework and resource extension drilling

160,000m of drilling completed as part of Long Island Study

~40,000m at Boston Shaker and Havana South still to be captured in resource model updates

Significant results continued to be returned from Havana South and Boston Shaker



Tropicana LOM extension

Long Island Study – What is it?

Based on strip mining and in-pit dumping of waste

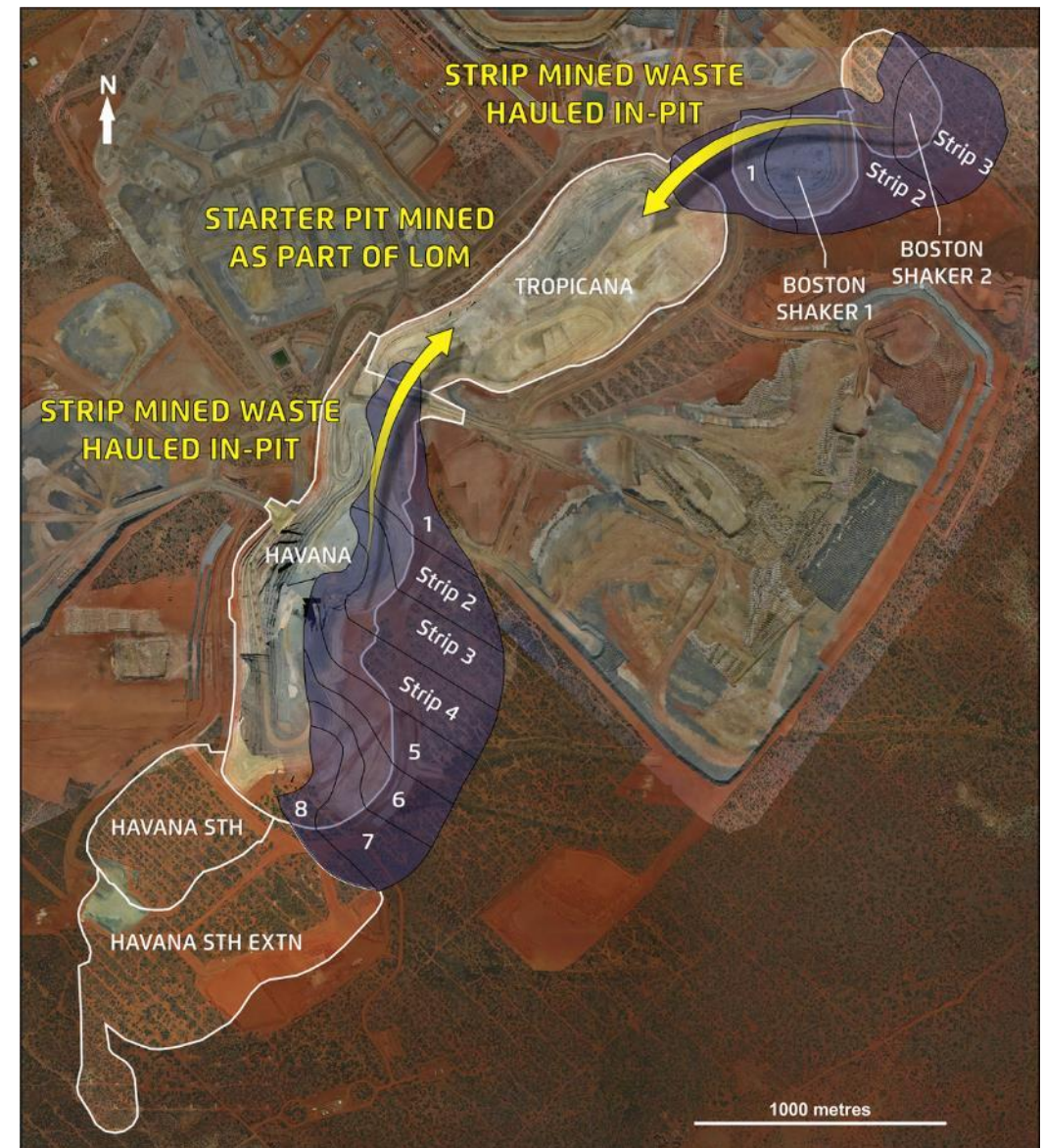
- Commonly used in coal industry
- Suits tabular geometry & strike extent

Purpose is to lower mining costs

- Shorter hauls due to In-pit dumping of waste
- Transition to face shovels
- Mining of bigger benches to reduce drill and blast costs

Unlocks additional down plunge resource

25-30% potential reduction in unit mining costs per tonne through Long Island strategy



Positioning to discover the next big one



Exploration

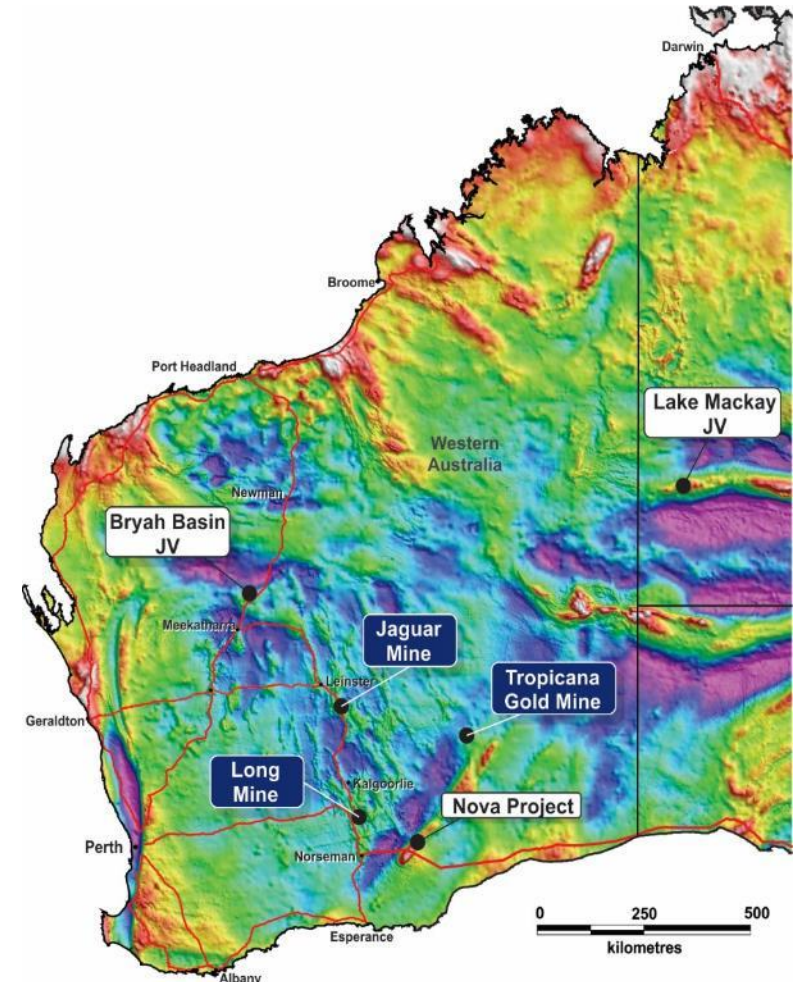
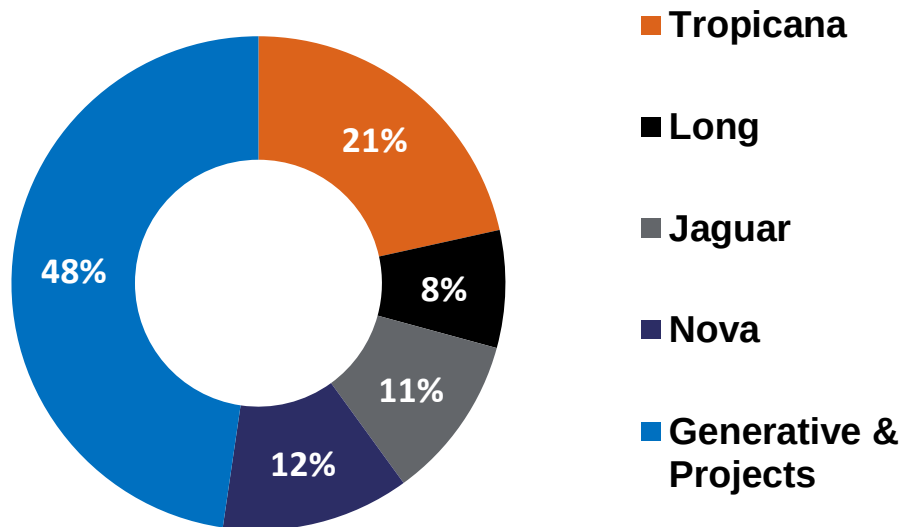
IGO committed to delivering growth through exploration



A\$33M exploration budgeted across portfolio

- Targeting provinces that can deliver multiple gold and base metals projects
- Increasing focus on generative and greenfields projects
- Expect to grow exploration spend to A\$50M in FY18

FY17 Exploration Budget



Nova exploration



Multiple exploration activities underway in CY17

Nova resource extension

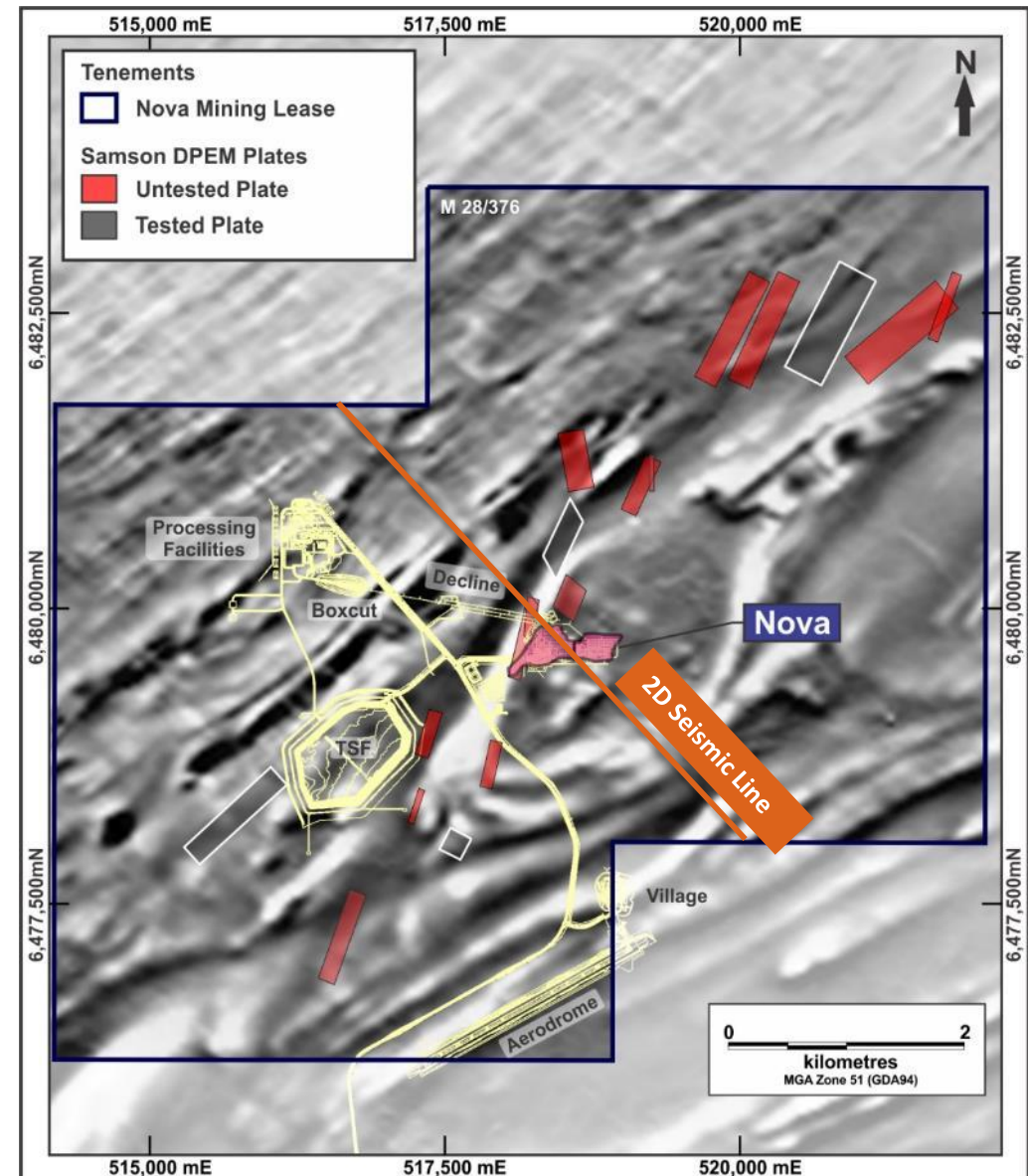
- Resource extension drilling underway at C5 and Bollinger East

Nova mining lease

- Reprocessing EM complete and drill testing of EM targets on Nova mining lease commences in 4Q17
- Successful 2D seismic data acquisition completed
- Progressing towards 3D seismic surveying of Nova mining lease

R&D at Nova to deliver competitive advantage

- R&D completed to date is leading to enhanced geological understanding and target generation opportunities in the Fraser Range



Fraser Range consolidation

Positioning for discovery



12,000km² over Fraser Range

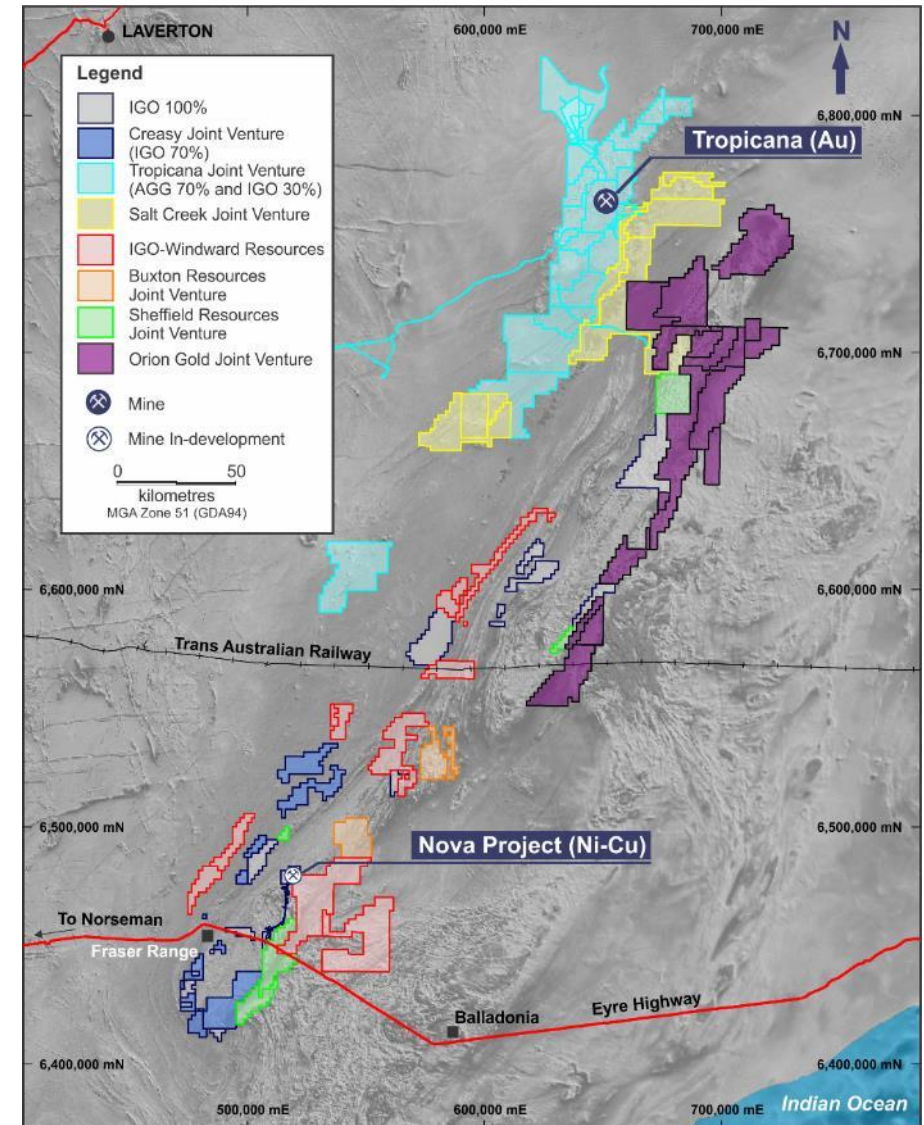
Fraser Range is under-explored

Multiple programs kicking off in CY17

Regional geochem & geophysics

Deeper drilling on advanced targets

Apply learnings from R&D at Nova



Leveraging R&D and innovation

Data driven exploration



- Unique Core Scanner Technology – first mover
- XRF, RQD, Hi Res Photography, SG, Structural
- Target Generation, Geometallurgy, Resource / Geotechnical Domainning



- Completed NW-SE oriented line across lease
- Sonic and VSP logging of holes planned
- Assess 2D results for decision on 3D survey



- Internal Stratigraphy of Intrusions
- Metamorphic Petrology
- Origins of ore emplacement
- Controls on mineralisation
- Tectonic mobilisation of sulphides



Protecting and developing our people

Safety first

We are focused on improving outcomes for our people



Focus on continuous improvement

Lag metrics significantly improved

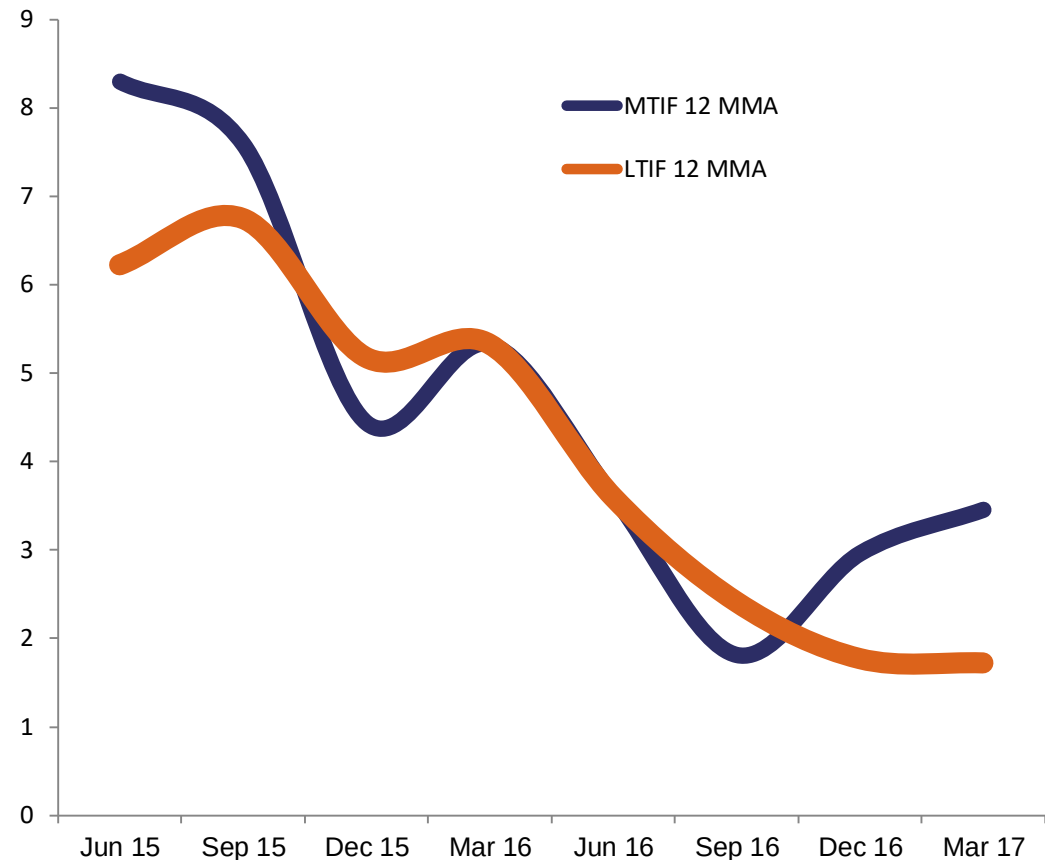
Still harm people in the business

More work to do

Safety systems improved

Focus on visual safety leadership

Consistent improvement in key lag metrics



- 1) MTIFR – Medically Treated Injury Frequency Rate: calculated as the number of medically treated injuries x 1,000,000 divided by the total number of hours worked.
- 2) LTIFR – Lost Time Injury Frequency Rate: calculated as the number of Lost Time injuries x 1,000,000 divided by the total number of hours worked.

Supporting & challenging our people

Developing tomorrow's industry leaders



**Right people in
the right place at
the right time**

**Early engagement
with high school
and tertiary
students**

**Active, structured
graduate program**

**In-house front line
supervisors
program (Cert IV)**

**Challenging our
high performers**

**Engagement
Empowerment
Recognition**

End of shift: summing it up



Value delivery and growth

Multiple catalysts across the portfolio



Nova	Tropicana	Jaguar	Long
• Commercial production declaration • Ramp up to full production • Drill testing of EM and geological targets on Nova ML • Underground drilling as EM platforms • 3D seismic data collection and processing	• Delivery of Long Island Study • CY18 & CY19 grade streaming • Incremental process plant rates increase • Regional exploration program	• Triumph Mineral Resource and PFS • Bentley Depth Extension drilling • Anomaly definition drilling on Heather Bore gold prospect • Copper enhancement project	• Completion of Seismic interpretation and target generation • Surface EM program
Fraser Range			
• Systematic AC drilling program • Drill testing of EM and geological targets • Application of Nova geological understanding			

Concluding comments

Diversified mining company delivering cash flow and growth



Good progress to improve safety culture across business

Nova on track to ramp up to nameplate in Sept 2017 quarter

Tropicana & Long at or better than guidance on all metrics YTD

Jaguar production soft but outlook is positive

Significant value enhancement & growth catalysts in pipeline

Balance sheet remains robust with no need for new funding

Appendix

Nova Project

World class Ni-Cu-Co project in construction



Overview	IGO 100% magmatic Ni – Cu 1.5Mtpa underground mine Ramp-up expected September 2017 quarter
Resource ⁽¹⁾ Reserve ⁽¹⁾	325,000t Ni, 134,000t Cu 275,000t Ni, 112,000t Cu
Production Guidance FY17	5,000 to 6,000t Ni, 1,900 to 2,300t Cu

Key developments and potential

- Ramp-up to nameplate capacity in September 2017 quarter



1) For further information on Mineral Resources and Ore Reserves please refer to ASX release on 14th Oct 2016

Tropicana Gold Mine

One of Australia's leading open-pit gold mines

Overview	JV IGO 30% with AngloGold Ashanti 70% Open pit with potential for expansion 7+ years current LOM		
Resource⁽¹⁾	8.02Moz (100%)	2.4Moz (30%)	
Reserve⁽¹⁾	3.80Moz (100%)	1.1Moz (30%)	
Production Guidance FY17	(100%) 390 to 430koz pa	(30%) 117 to 129koz pa	
Operating cost Guidance FY17	Cash cost A\$850 to 950/oz	All-in Sustaining cost A\$1,150 to 1,250/oz	
Capital Guidance FY17	Sustaining A\$2 to 3M	Improvement A\$2 to 3M	Waste Stripping A\$29 to 36M
Exploration Budget Guidance FY17	A\$6 to 8M (30%)		

Key developments and potential

- 3Q17 average annualised processing rate was maintained at 7.6Mtpa
- Advancement of the Long Island Study to deliver further Mineral Resource growth in CY17⁽²⁾

1) For further information on Mineral Resources and Ore Reserves please refer to ASX release on 15th Dec 2016

2) For further detailed information on Tropicana value enhancement refer to ASX release dated 15th Dec 2016



Jaguar Mine

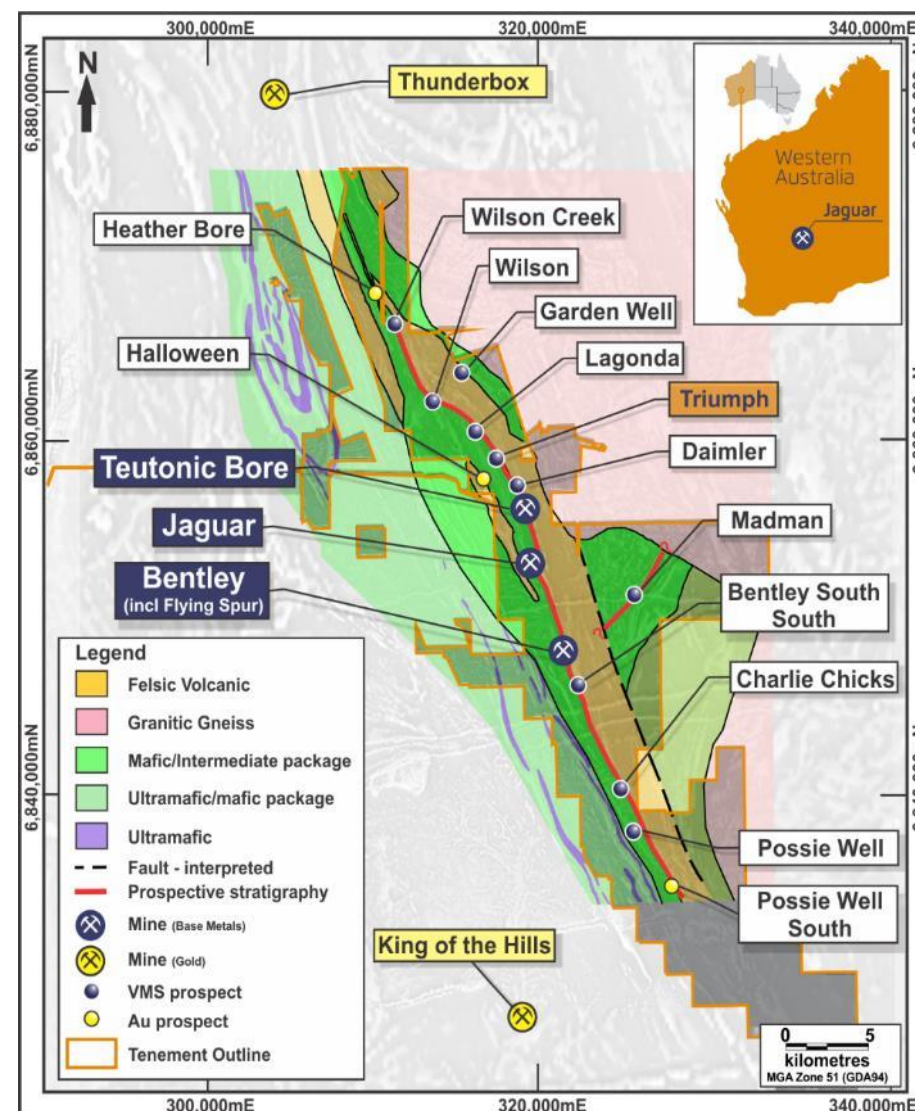
VMS Corridor with cluster of orebodies



Overview	IGO 100% High grade Underground Cu – Zn VMS	
Resource⁽¹⁾	51,000t Cu, 256,000t Zn & 13.1Moz Ag	
Reserve⁽¹⁾	16,000t Cu, 137,000t Zn & 6.7Moz Ag	
Production Guidance FY17	39,000 to 43,000t Zn in concentrate 4,600 to 5,100t Cu in concentrate	
Operating cost Guidance FY17	Payable Cash cost A\$0.70 to 0.80/lb Zn	
Capital Guidance FY17	Sustaining A\$8 to 9M	Development A\$12 to 13M
Exploration Budget Guidance FY17	A\$3 to 4M	

Key developments and potential

- Delivery of maiden resource estimate and pre-feasibility study for the Triumph deposit expected mid CY17
- Process plant study to investigate potential for High Precious Metals concentrate by mid CY17
- Bentley in-mine exploration drilling will continue into 4Q17 to define the potential geometry and extent of mineralisation intersected to-date
- Although 4Q17 production is expected to be stronger, unlikely to achieve full year zinc production guidance



1) For further information on Mineral Resources and Ore Reserves please refer to ASX release on 14th Oct 2016

Long Mine

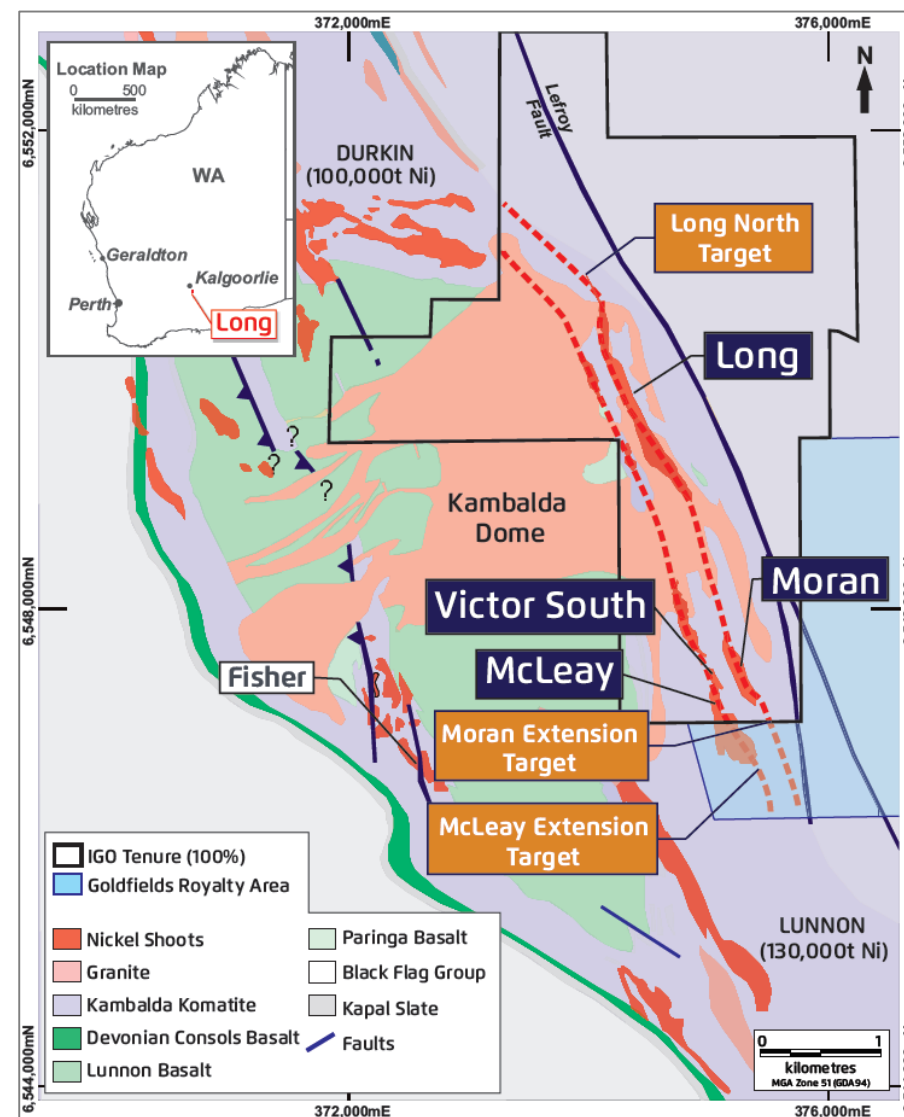
High grade underground nickel on the Kambalda dome



Overview	IGO 100% high-margin underground nickel Average grade project to date of 3.8% Ni Consistent low cost producer
Resource⁽¹⁾ Reserve⁽¹⁾	66,000 Ni t 22,000 Ni t
Production Guidance FY17	7,400 to 8,200 Ni t
Operating cost Guidance FY17	A\$3.50 to 3.90/lb
Capital Guidance FY17	A\$1M
Exploration Budget Guidance FY17	A\$2 to 3M

Key developments and potential

- Consistent high margin production
- 3Q17 and YTD production and cash costs all better than guidance
- Interpretation of the reprocessed seismic data to identify near infrastructure exploration targets is ongoing





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