



NORTHERN STAR
RESOURCES LIMITED
ASX Code: NST



World Class Financial Returns – From World Class Australian Gold Mines
Full Year 2017 Financial Results - August 2017

Competent Persons Statements

The information in this announcement that relates to exploration results, data quality, geological interpretations and Mineral Resource estimations for the Company's Project areas is based on information compiled by Darren Cooke, a Competent Person who is a Member of the Australian Institute of Geoscientists and a full-time employee of Northern Star Resources Limited. Mr Cooke has sufficient experience that is relevant to the styles of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" for the Company's Project areas. Mr Cooke consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to Ore Reserve estimations for the Company's Project areas is based on information compiled by Jeff Brown, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy and a full-time employee of Northern Star Resources Limited. Mr Brown has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Brown consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to the Central Tanami Gold Project is extracted from the Tanami Gold NL ASX announcement entitled "Quarterly Report for the Period Ending 31 March 2014" released on 1 May 2014 and is available to view on www.tanami.com.au.

The information in this announcement that relates to mineral resource estimations, data quality, geological interpretations and potential for eventual economic extraction for the Groundrush deposit at the Central Tanami Gold Project based on information compiled by Darren Cooke a Competent Person who is a Member of the Australian Institute of Geoscientists and a full-time employee of Northern Star Resources Limited. Mr Cooke has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" for the Group reporting. Mr Cooke consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The Company confirms that it is not aware of any further new information or data that materially affects the information included in the original market announcement entitled "Quarterly Report for the Period Ending 31 March 2014" released on 1 May 2014 and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. To the extent disclosed above, the Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Forward Looking Statements

Northern Star Resources Limited has prepared this announcement based on information available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement. To the maximum extent permitted by law, none of Northern Star Resources Limited, its directors, employees or agents, advisers, nor any other person accepts any liability, including, without limitation, any liability arising from fault or negligence on the part of any of them or any other person, for any loss arising from the use of this announcement or its contents or otherwise arising in connection with it.

This announcement is not an offer, invitation, solicitation or other recommendation with respect to the subscription for, purchase or sale of any security, and neither this announcement nor anything in it shall form the basis of any contract or commitment whatsoever. This announcement may contain forward looking statements that are subject to risk factors associated with gold exploration, mining and production businesses. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including but not limited to price fluctuations, actual demand, currency fluctuations, drilling and production results, Reserve estimations, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory changes, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates.

* *EBITDA is earnings before interest, depreciation, amortisation and impairment and is calculated as follows: Profit before Income tax plus depreciation, amortisation, impairment and finance costs less interest income.*

* *Free Cash Flow is calculated as operating cash flow minus investing cash flow.*

* *Underlying Free Cash Flow is calculated as follows: 30 June 2017 - free cash flow (\$154.3 million) plus bullion awaiting settlement (\$12.1 million), plus stamp duty paid on prior acquisitions (\$1.7 million), plus payments for available-for-sale investments (\$1.0 million), plus FY16 tax (\$33.6 million), plus working capital adjustments (\$1.8 million), less proceeds from sale of Plutonic gold mine (\$18.1 million) less Superior Gold investment sell down (\$9.9 million). 30 June 2016 - free cash flow (\$193.6 million) plus bullion awaiting settlement (\$1.9 million), plus acquisition and development of Central Tanami Project (\$22.8 million), plus stamp duty paid on prior acquisitions (\$4.9 million), plus working capital adjustment (\$1.0 million).*

* *EBITDA, Underlying Free Cash Flow and All-in Sustaining Costs (AISC) are unaudited non IFRS measures*

* *FX rate of 0.75 USD:AUD has been used throughout*

* All Data from Bloomberg referenced sources has had all N.A. and erroneous data points removed in the associated sector comparisons and all GDX data point comparisons have had streaming company data removed for a better reflection of the producing companies within the indices

Key Financial Outcomes

**Record Net Profit after
Tax up 42% to
A\$215.3M**

**Record Earnings per
share up 42% to
A35.9¢**

**Final Dividend up 50%
to A6¢ Fully Franked;
A9¢ payout for FY2017**

Results strength illustrated by

**Record EBITDA of
A\$461.3M; EBITDA
Margin of 52%**

**40% Return on Equity
and 33% Return on
Invested Capital**

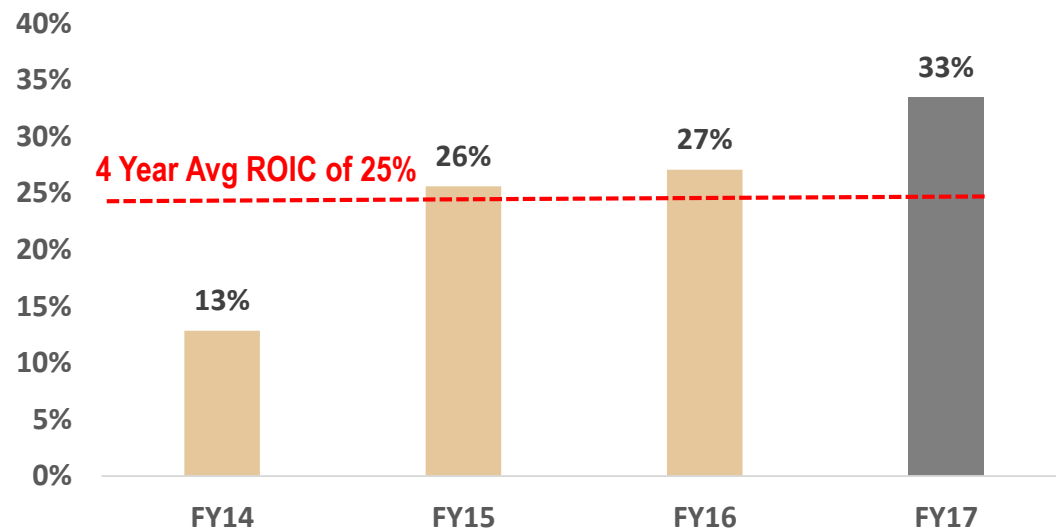
**A\$447M Cash &
Equivalents; no debt**

NST continues to lead the global gold sector in ROE and ROIC

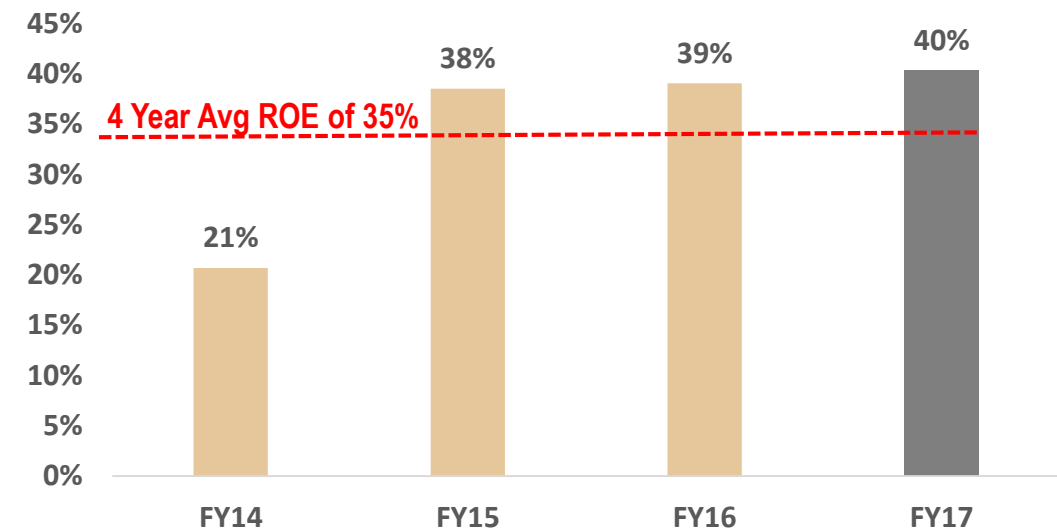


- ✦ NST generated a sector leading annualised underlying return of invested capital of 33% in FY2017 and has averaged 25% since FY2014
- ✦ For the past four years NST has delivered an average return on equity of 35% and an average TSR of 81%
- ✦ Capital is forced to compete internally for project funding to ensure NST continues to generate sector leading returns
- ✦ Whilst NST can generate these type of returns from organic growth it will continue to motivate capital

Underlying Return on Invested Capital



Underlying Return on Equity



FY2017 Highlights - All key financial metrics up



✦ EPS grew by 42% to A35.9cps, EBITDA margins up 16%, ROIC up 24% and ROE up 2%

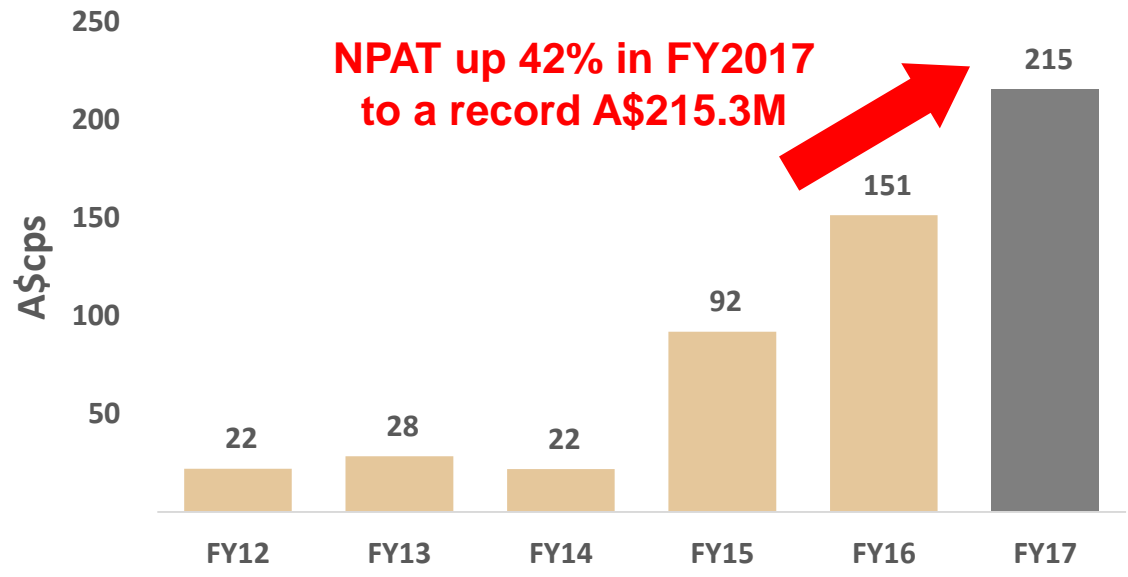
Financial Highlights	Units	FY17	FY16	Change
Net Profit After Tax	A\$M	215.3	151.4	↑ 42%
Earnings per share	cps	35.9	25.2	↑ 42%
EBITDA	A\$M	461.3	397.0	↑ 16%
EBITDA Margin	%	52%	45%	↑ 16%
Return on equity	%	40%	39%	↑ 2%
Return on Invested Capital	%	33%	27%	↑ 24%
Cash and equivalents	A\$M	447.2	326.0	↑ 37%
Final Franked Dividend	cps	6	4	↑ 50%

Financial Highlights for FY2017

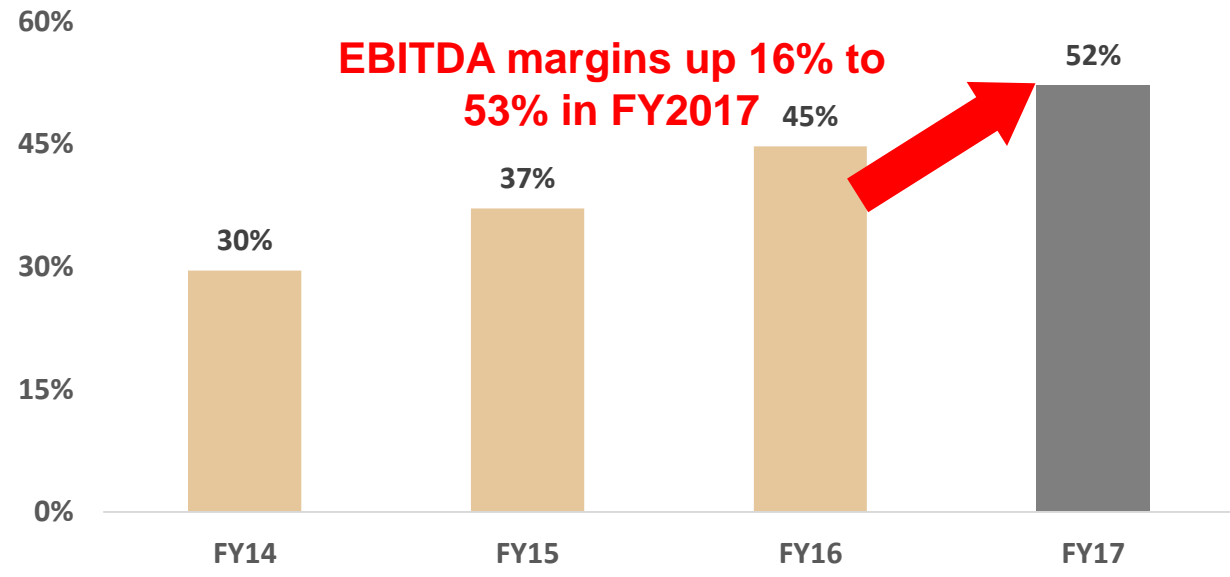


- ✦ Profit up: Record FY2017 net profit after tax of A\$215.3M, up 42% on the previous corresponding period (pcp)
- ✦ Earnings up: Earnings per share growth of 42% to a record of A35.9¢
- ✦ EBITDA up: Record EBITDA of A\$461.3M up 16% on pcp
- ✦ Margins up: EBITDA margin growth of 16% on pcp for group EBITDA margin of 52%
- ✦ Dividend up: final dividend up 50% to A6cps fully franked; full year payout of A9cps fully franked

Profit After Tax



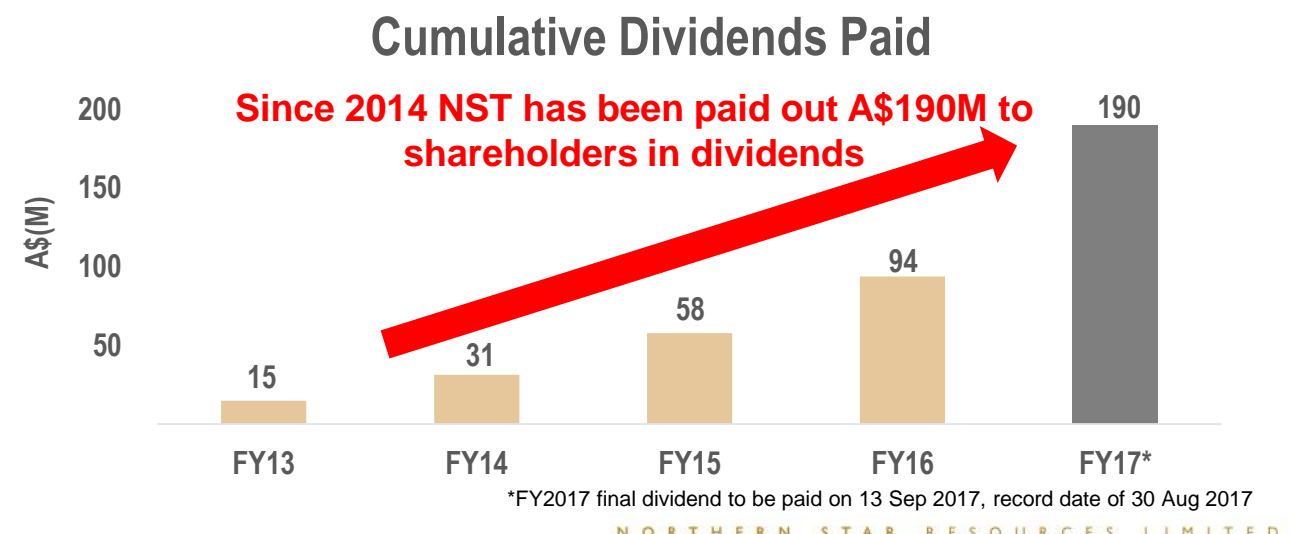
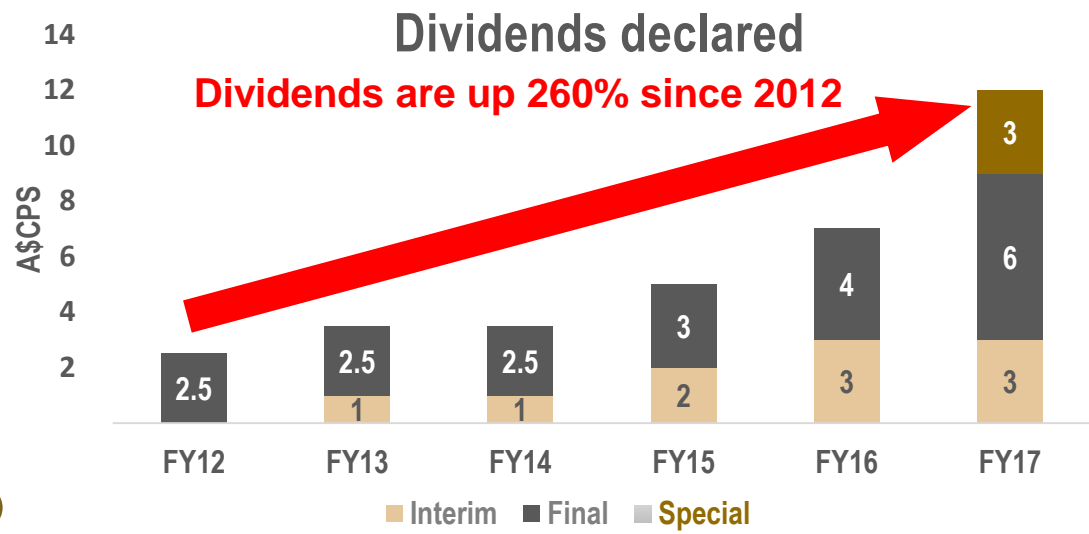
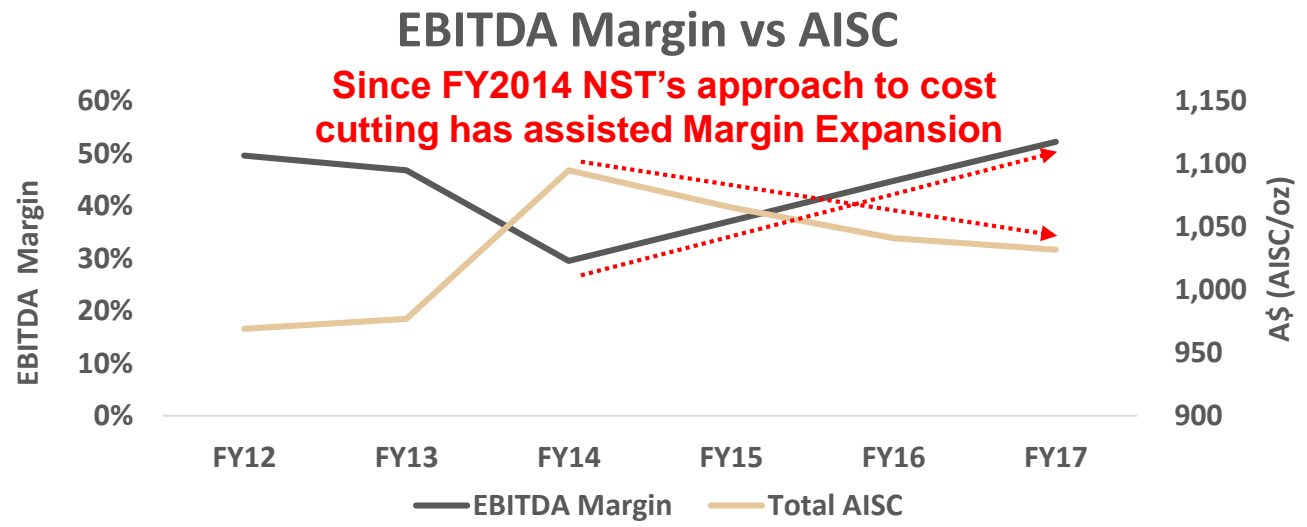
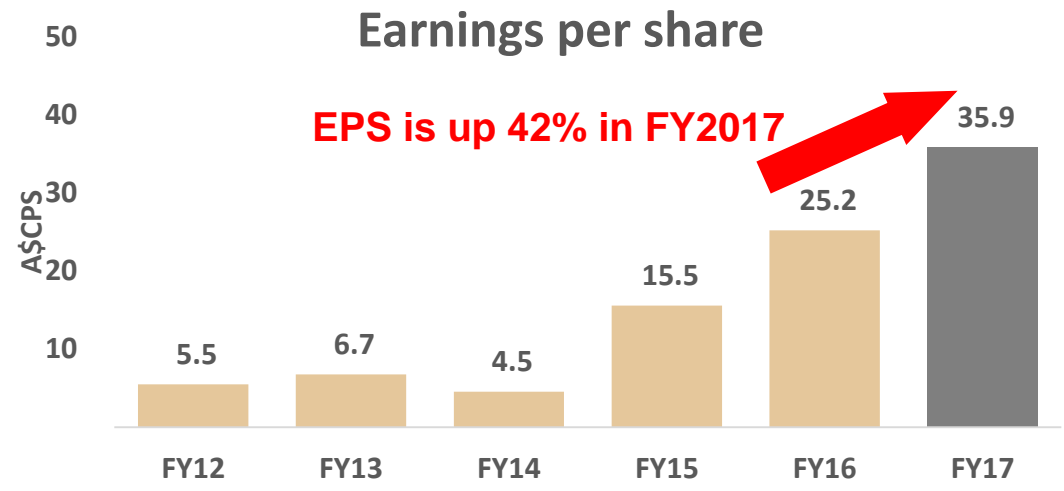
EBITDA Margin



Growing profitability and returns to Shareholders since 2012



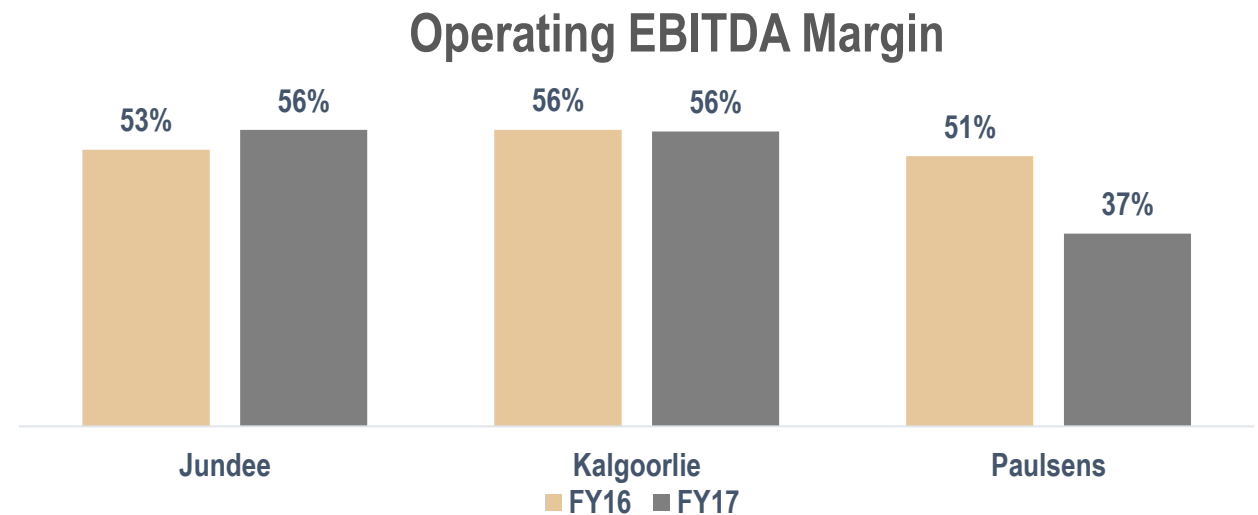
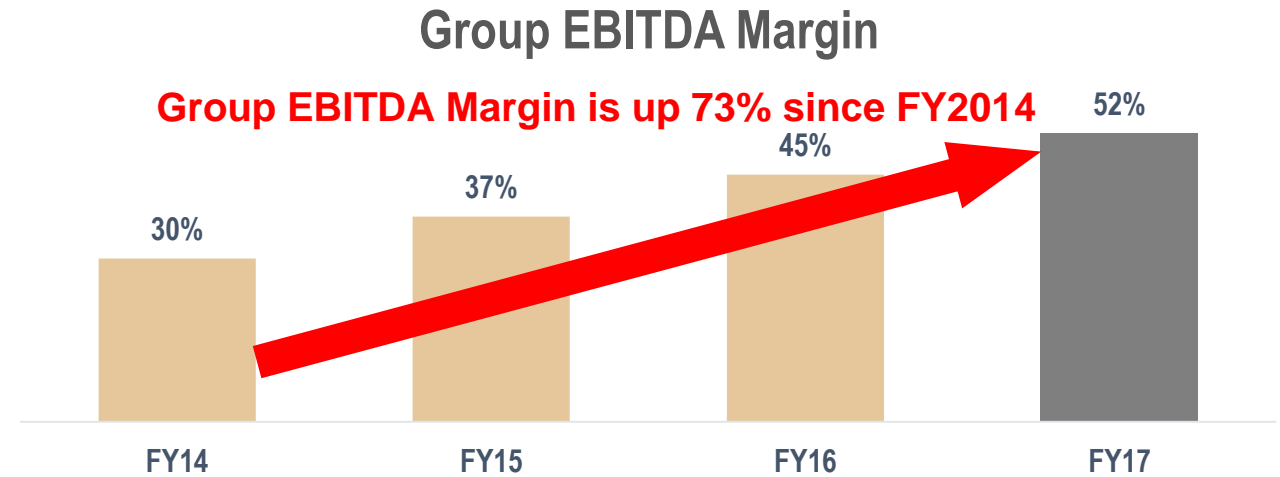
- ✦ Since 2014 NST has been able to consistently grow earnings, profit margins and payouts to Shareholders
- ✦ Dividends to Shareholders have grown by over 260% since 2012; FY2017 sees a full year payout of A9¢



*FY2017 final dividend to be paid on 13 Sep 2017, record date of 30 Aug 2017

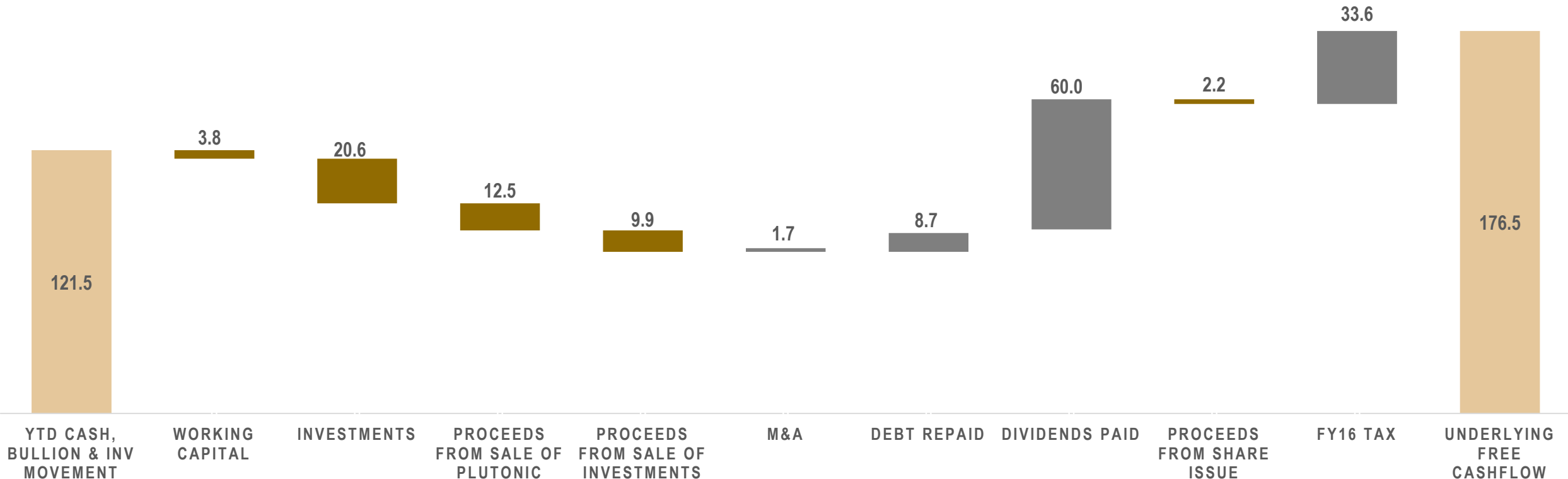
Robust operating margins grow again in FY2017

- ✦ NST has grown group EBITDA margins again by 16% in FY2017 and by 73% since FY2014
- ✦ 56% EBITDA margins at Jundee and Kalgoorlie continue to be very strong; with a continued focus on cost management and a favourable gold price environment
- ✦ Group EBITDA margin has increased 16% in FY2017 from the rebalancing of the Group's asset portfolio via the successful sale of the Plutonic operations
- ✦ EBITDA margins at Paulsens have stepped down aligned with the revitalisation process being undertaken at the operation



Significant free cash flow generation

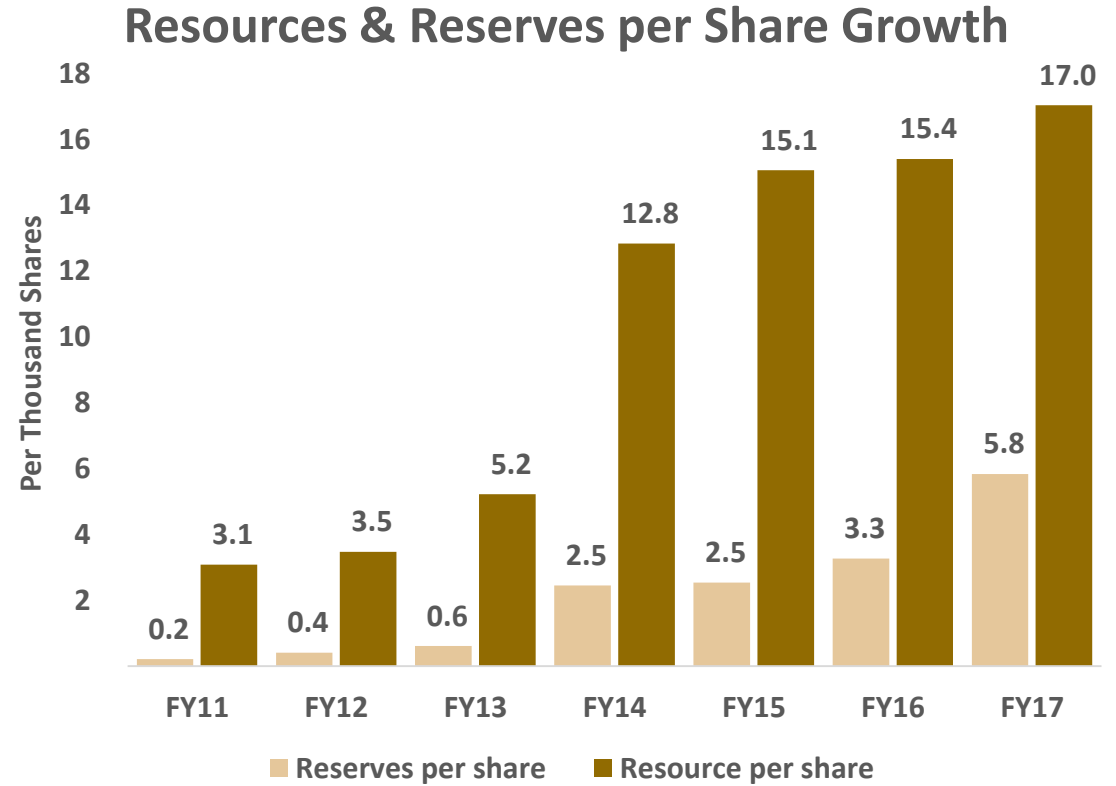
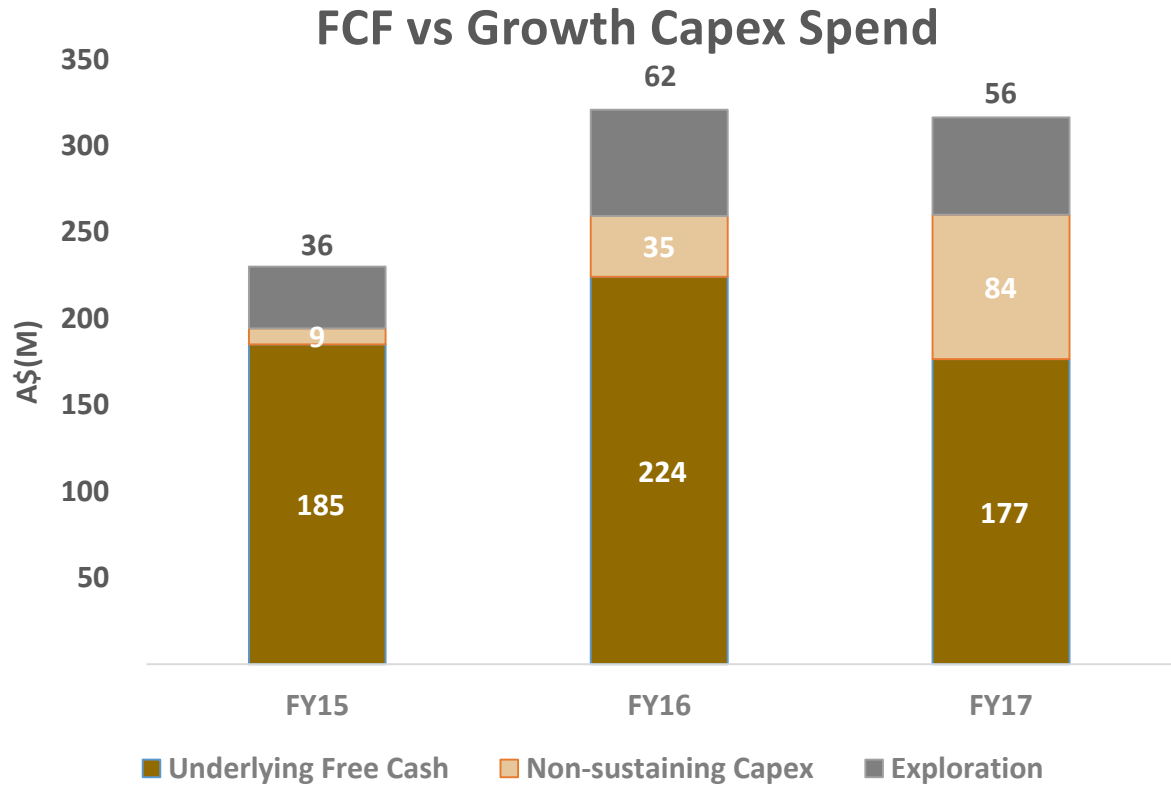
- ✦ Operating cash flows before tax increased by 10% to A\$432 million
- ✦ NST generated underlying free cash flow of A\$177 million at an average gold price of A\$1,675/oz
- ✦ During FY2017 A\$140M was invested in exploration and expansionary capital to build the resource and reserve inventory and grow production profile in the coming years



Investing back in the business to grow Resources and Reserves



- During FY2017 A\$130M was invested in exploration and expansionary capital to build the Resource and Reserve inventory and grow production in the coming years
- Since 2011 NST has been able to grow Reserves and Resources on a per share basis consistently through value accretive M&A and investing in exploration across its Tier-1 portfolio of assets



Strong operational performance



✦ NST has organically grown production and cash flow at its world class operations in FY2017

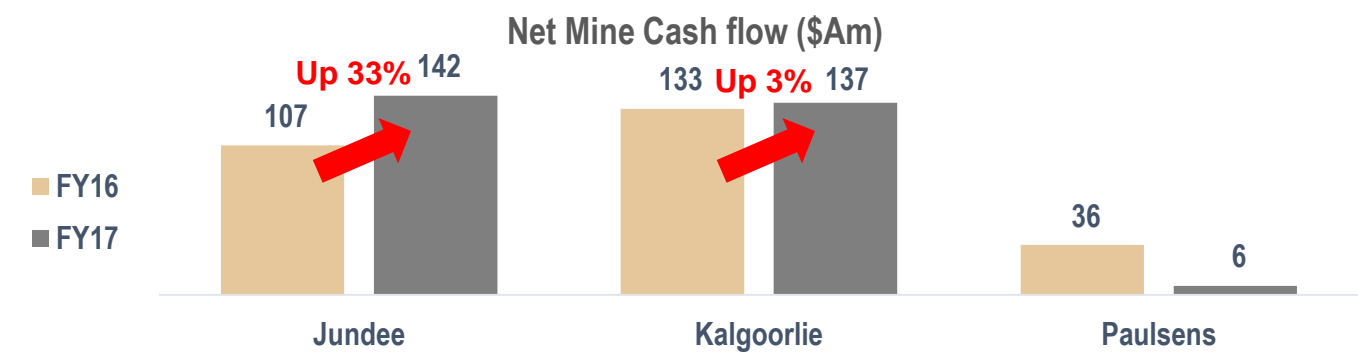
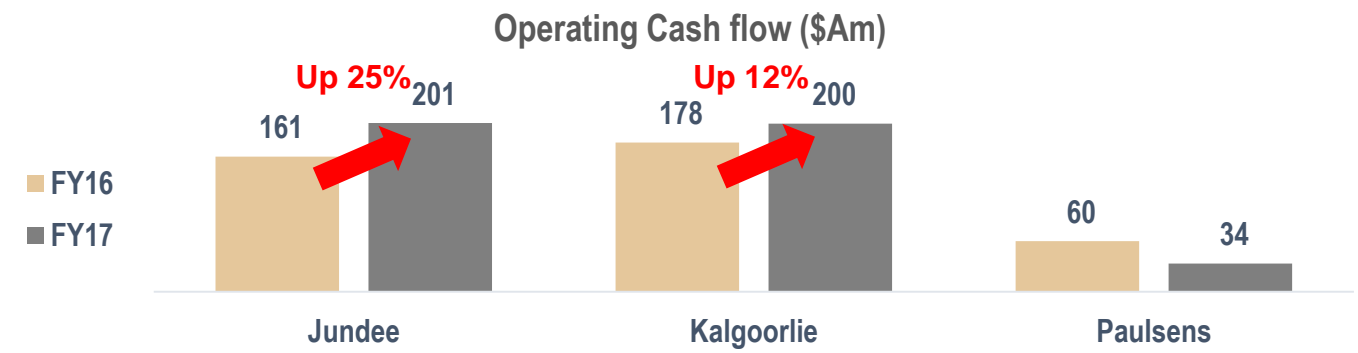
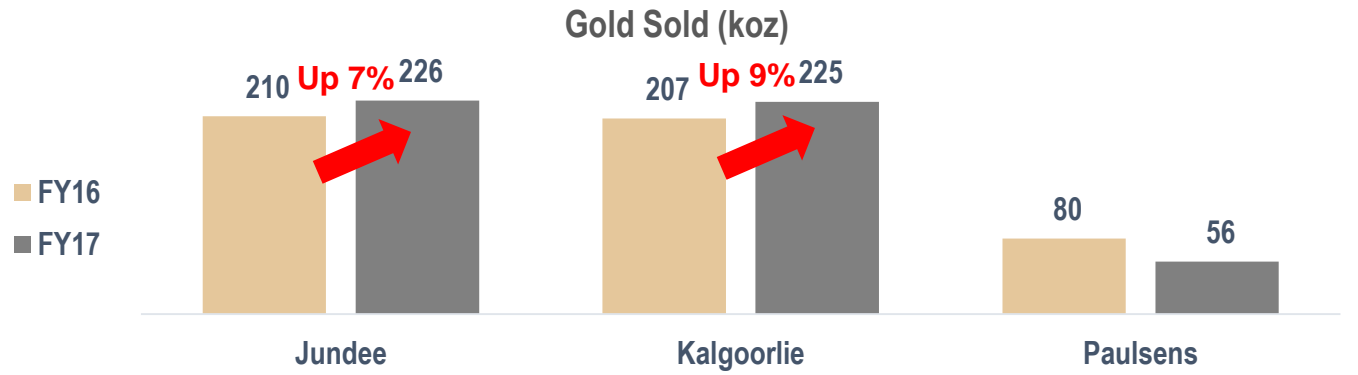
✦ Operating cashflow and net mine cash flows up YoY at Jundee and Kalgoorlie operations

✦ FY2017 gold sold 506,894oz at an AISC of A\$1,013/oz (US\$760/oz)

✦ Kalgoorlie operations: 224,800oz sold at AISC of A\$968/oz (US\$726/oz)

✦ Jundee: 226,310oz sold at AISC of A\$948/oz (US\$711/oz)

✦ Paulsens: 55,784oz sold at AISC of A\$1,455/oz (US\$1,091/oz)

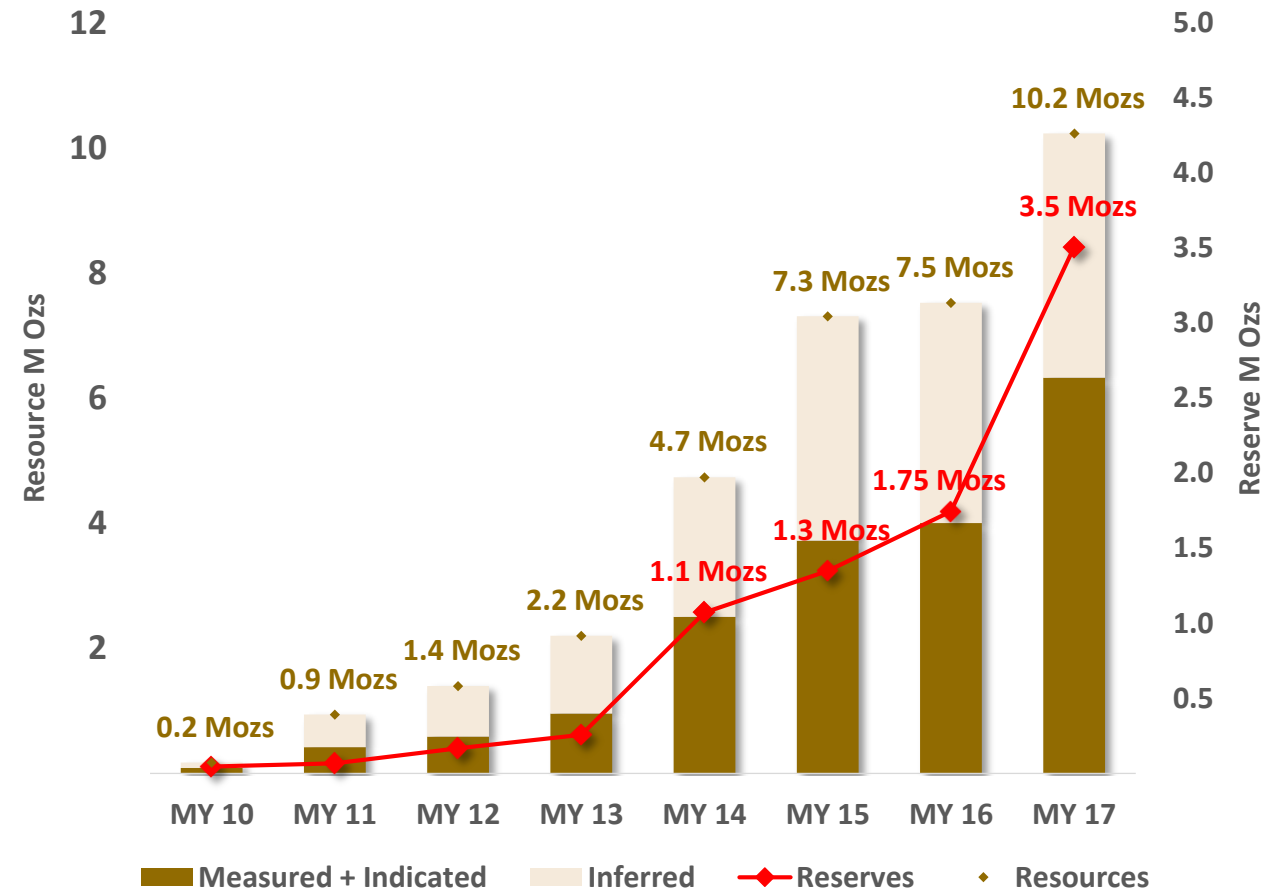


FY2017: The year Northern Star became a long-life gold miner



- ✦ NST's A\$250M investment over the past three years had added a 10 year horizon to its portfolio of assets
- ✦ Group Reserves increased by 2.3Moz to 3.5Moz
- ✦ Reserves added at a cost of just A\$24/oz
- ✦ Group Resources increased by 2.7Moz to 10.2Moz
- ✦ 10-year mine life visibility at our Tier-1 Jundee and Kalgoorlie Operations, restored to their "world-class" status
- ✦ Facilitates production growth FY2018 guidance of 525-575koz at an AISC of A\$1,000-A\$1,050/oz

NST Resource and Reserve Growth

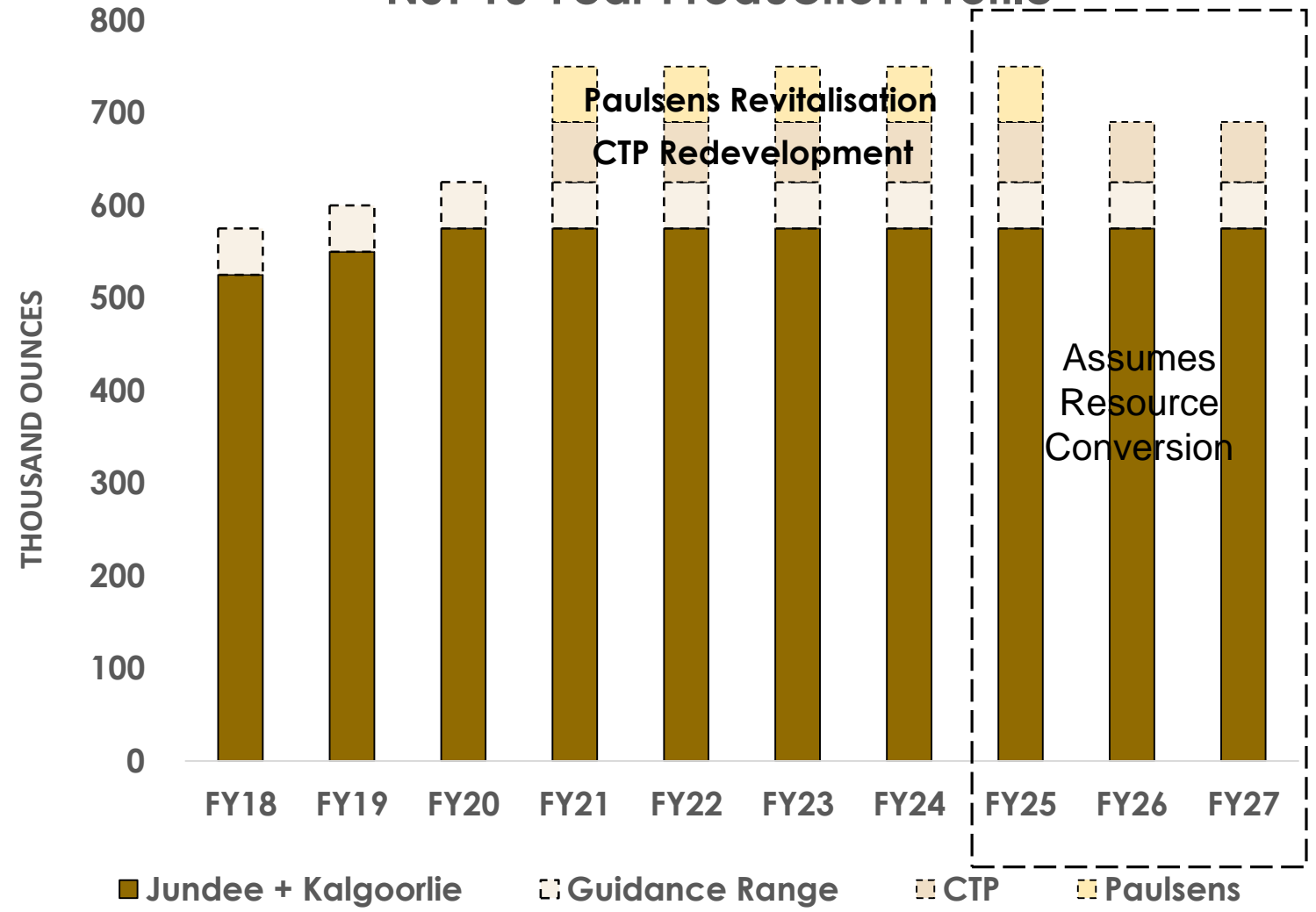


Organic growth strategy: CAPEX falling and financial benefits rising



- * A\$250M invested in expansionary capital and exploration over past three years; now CAPEX is falling and financial benefits are rising
- * During FY2017, CAPEX peaked with the expansions at Jundee and Kalgoorlie; CAPEX reduces in FY2018 to A\$65M, A\$60M in FY2019 and A\$40M in FY2020
- * FY2018: Guidance 525,000-575,000oz at an AISC of A\$1,000-A\$1,050/oz
- * Production rising to 600,000ozpa within 2 years from Jundee and Kalgoorlie
- * Further opportunity to grow production beyond 600,000oz per annum through Central Tanami re-development and Paulsens revitalisation

NST 10 Year Production Profile





NORTHERN STAR
RESOURCES LIMITED

ASX Code: NST



Northern Star Resources

An Australian Mid Cap gold miner – for global investors



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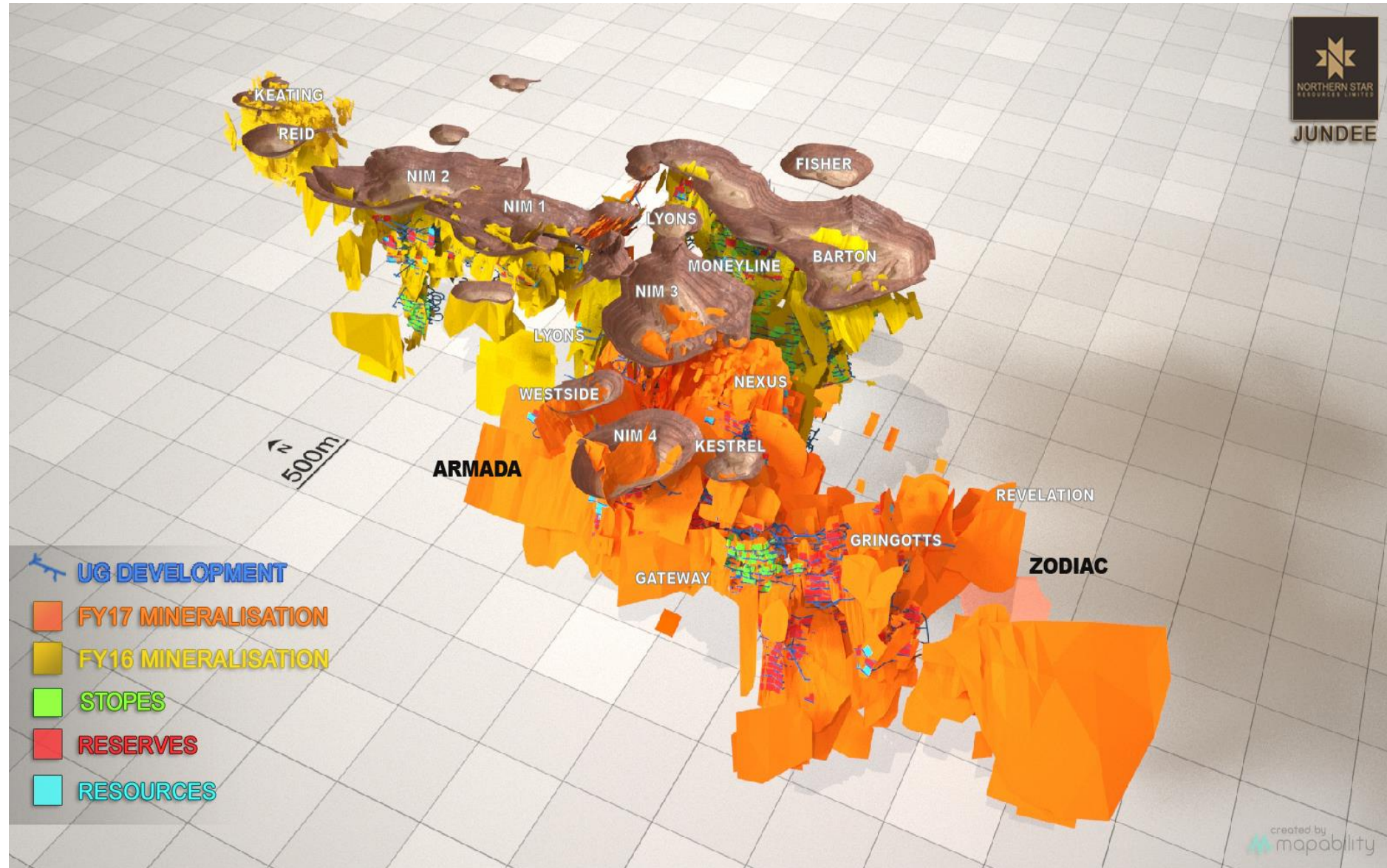
Appendix



Northern Star Resources
An Australian gold miner – for global investors

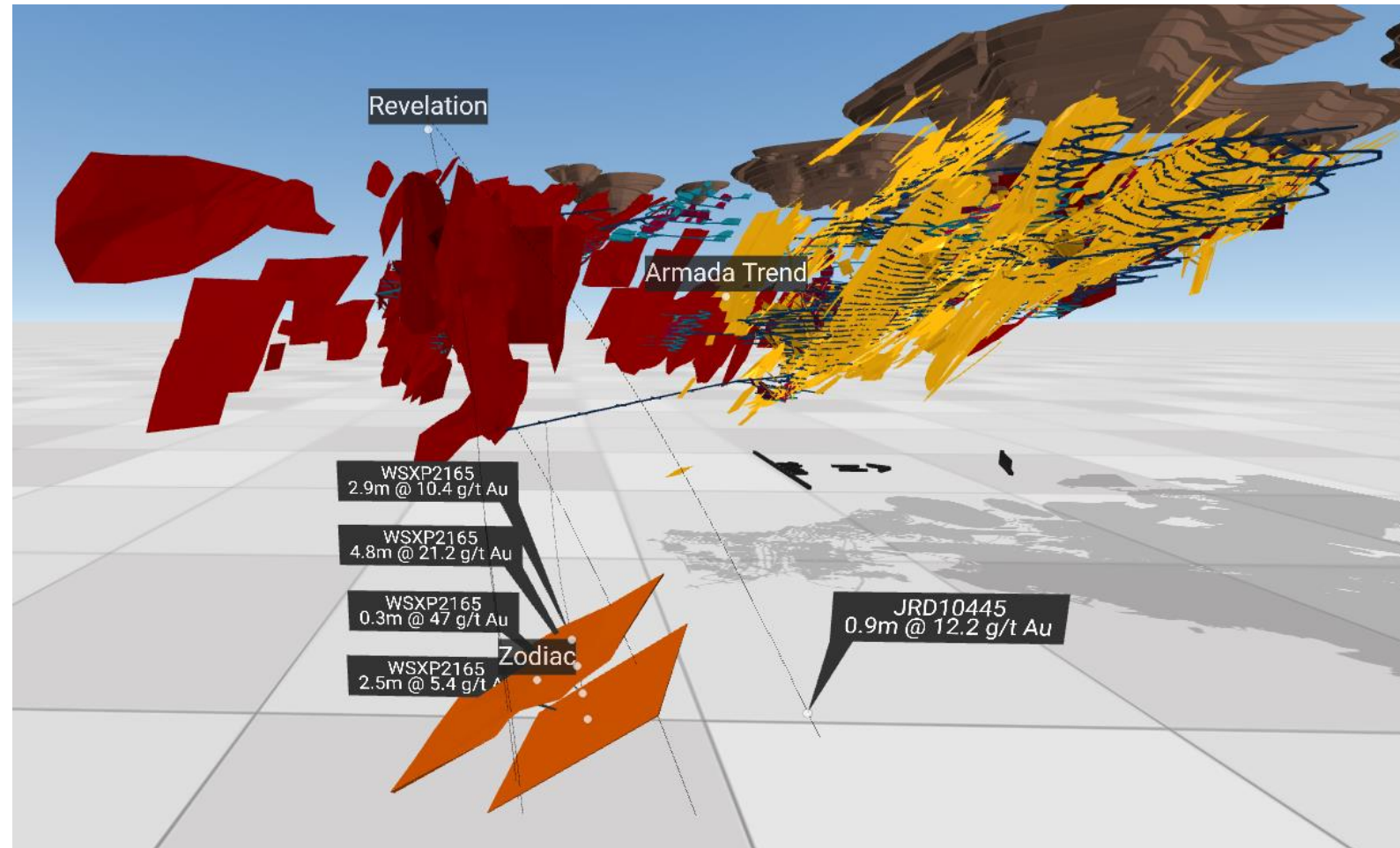
Jundee: Restored to world class status

- ✦ 7Moz of continuous production, life of mine average of 320kozpa with a peak year of 410koz
- ✦ FY2017 Resource of 3.2Moz, up 155% and Reserves of 1.45Moz, up 100% despite depletion of 259koz
- ✦ FY2018 Guidance 245,000-265,000oz at an AISC of A\$950-A\$1,000/oz
- ✦ Growing production to a 300,000ozpa within the next two years



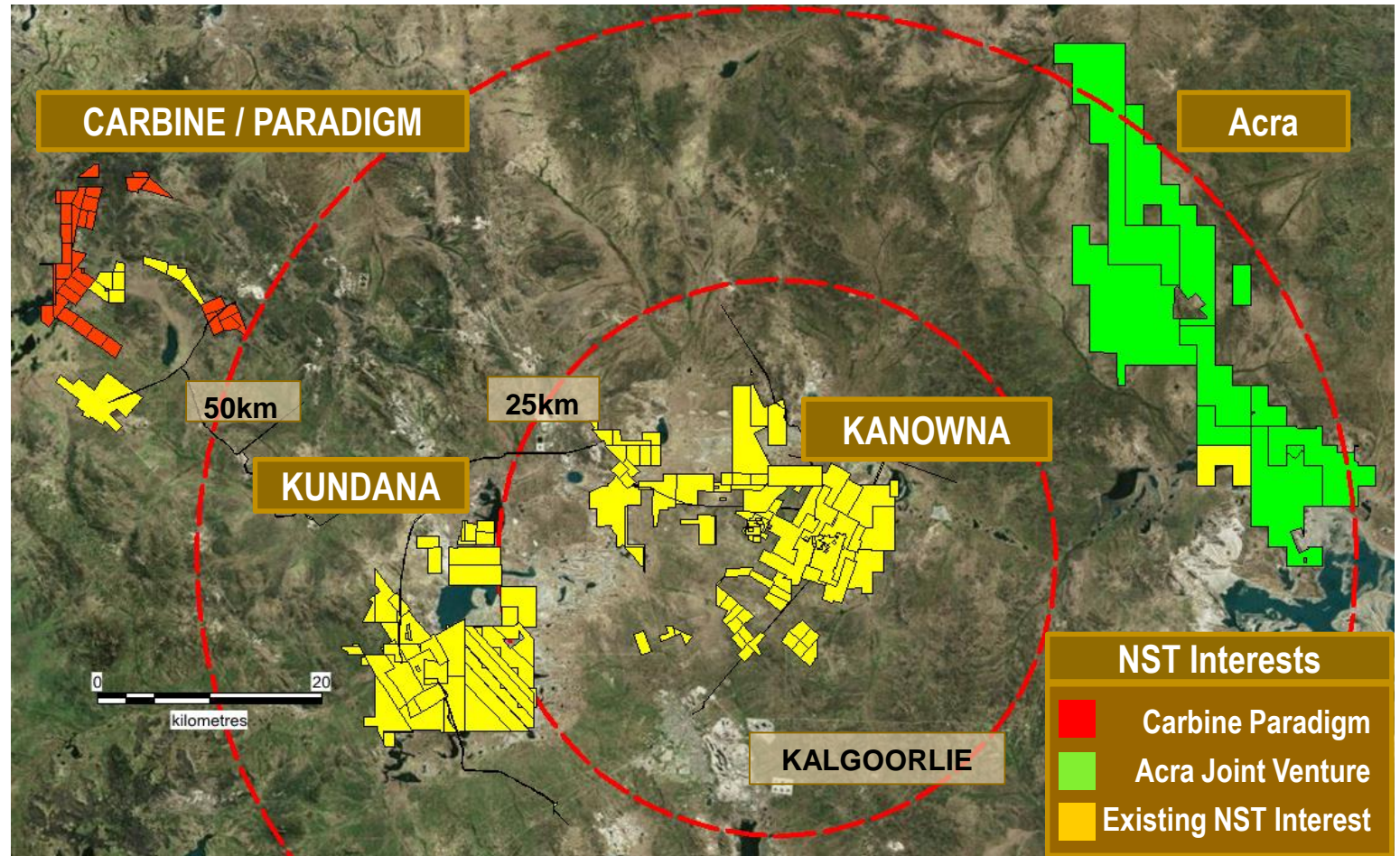


- ✦ The Zodiac high-grade discovery at Jundee was announced last week and is not included in the latest update
- ✦ Initial assays from Zodiac show multiple mineralised intercepts over a 200m single downhole interval
- ✦ Results in discovery hole include: 4.8m at 21.2gpt, 2.9m at 10.4gpt, 0.3m at 47gpt, 3.6m at 4gpt, 3.1m at 4.3gpt & 2.5m at 5.4gpt (all true width)
- ✦ Target was generated from a 3D Seismic survey performed over 10km² which will continue to enhance the geological understanding of Jundee



Kalgoorlie Operations: Rapid, low-cost production growth

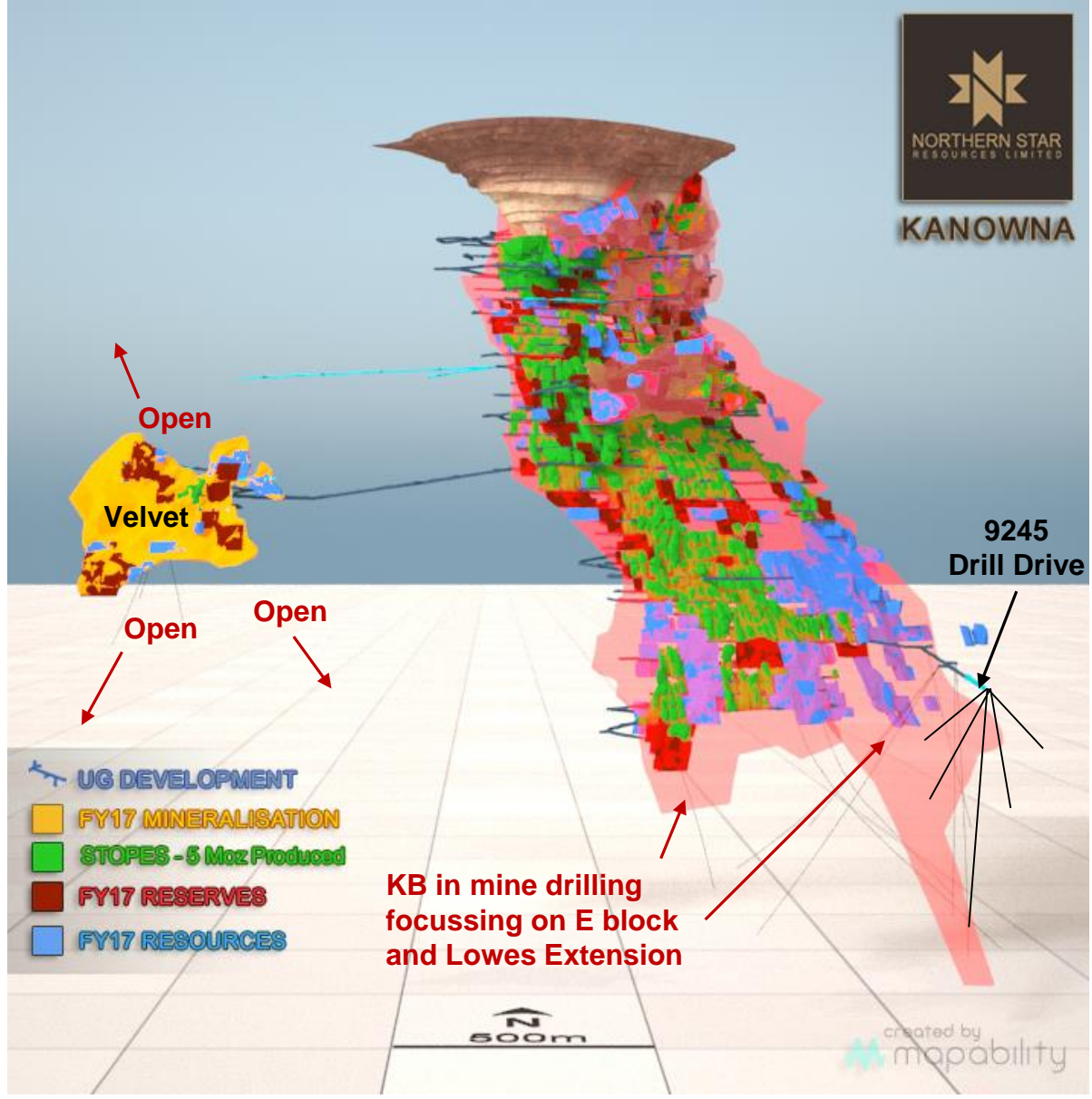
- ✦ Resources of 4.5Moz up 25% and Reserves of 2Moz up 117%, despite depletion of 229koz
- ✦ FY2018: Guidance 245,000-265,000oz at an AISC of A\$1,000-A\$1,050/oz
- ✦ Growing to a 300,000ozpa producer in the next two years
- ✦ Significant opportunities to expand production from known sources on 100% owned Kundana, Paradigm and Kanowna satellite pits



Kalgoorlie Operations - Kanowna Belle (100% NST)



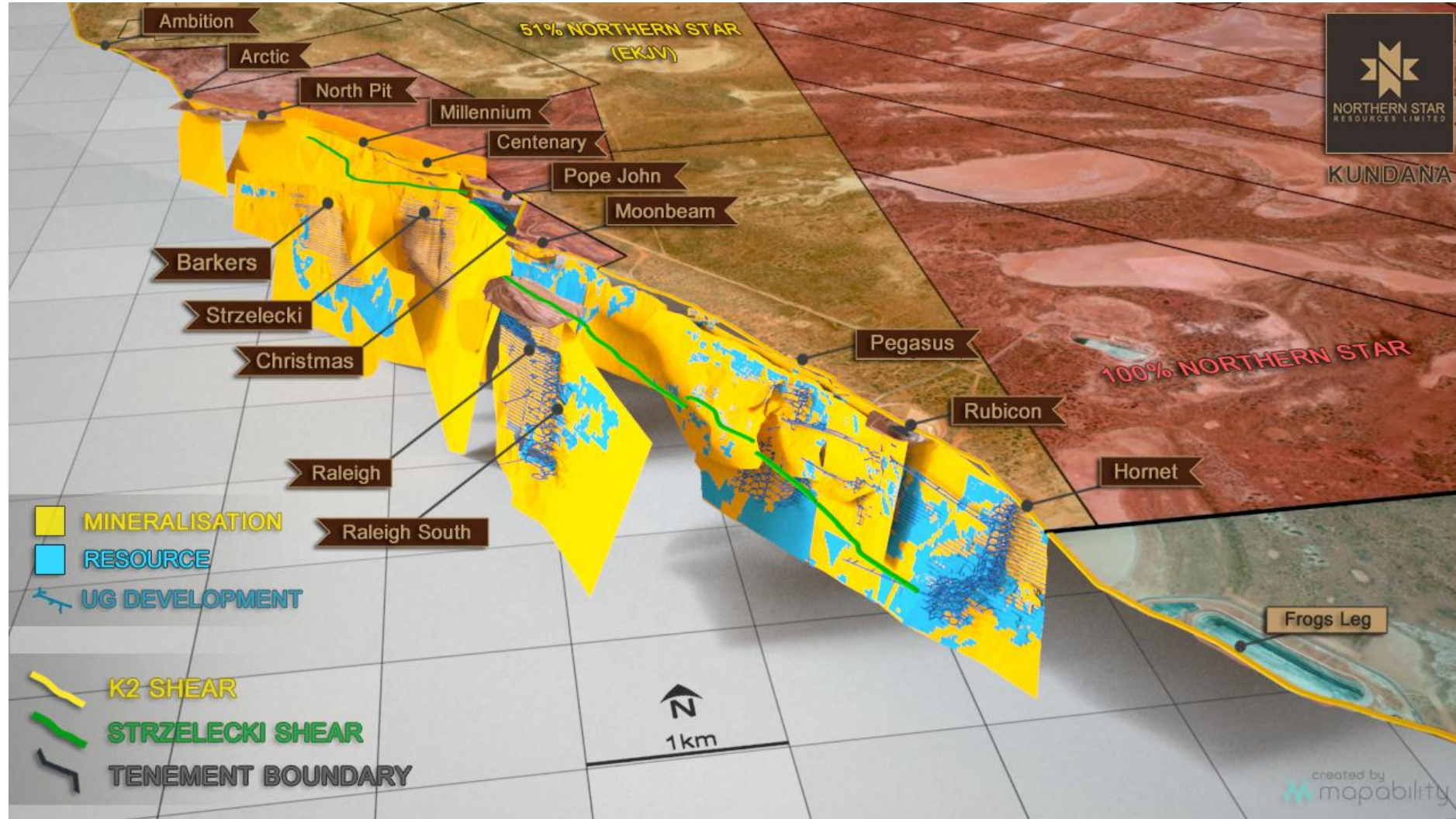
- ✦ Kanowna Belle is a +5Moz orebody, averaging 4,000oz per vertical metre, with limited exploration at depth and along strike of the major gold bearing structures
- ✦ Reserves have increased 120% to 0.5Moz and Resources are 1.4Moz which underpins a long mine life and now allows the opportunity to drill depth extensions
- ✦ Exploration at depth is underway from the recently excavated 9245mRL drill drive which subject to success has the potential to provide substantial life beyond current Reserves
- ✦ The Velvet deposit remains open up dip, along strike and down plunge back towards the main Kanowna orebody



Kalgoorlie Operations - Kundana EKJV (51% NST)

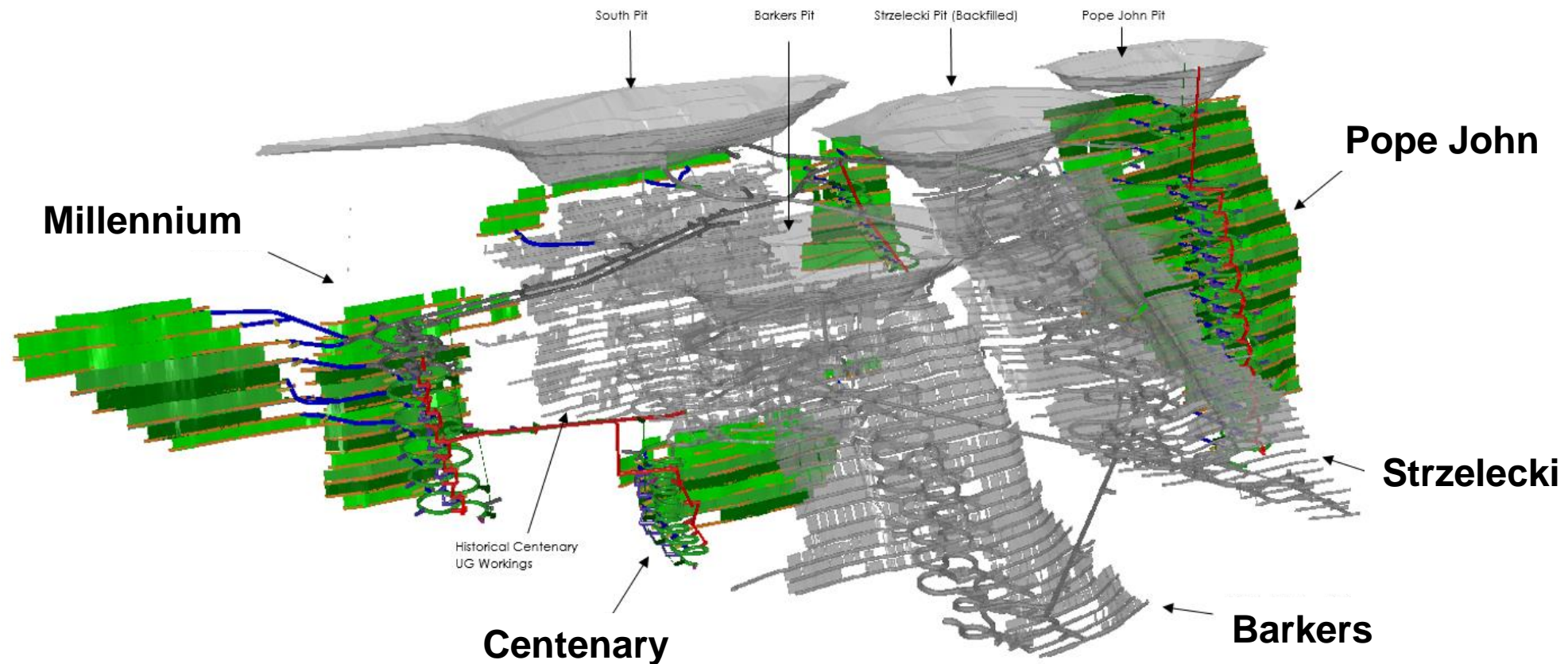


- ✦ NST attributable Reserves increased 36% to 0.6Moz, Resources increased 35% to 1.3Moz
- ✦ Primary production is from Rubicon, Hornet, Pegasus and Raleigh
- ✦ The new 2.1km drill drive from Hornet to Pegasus is now ~50% complete, providing the next long term drill platform to explore the depth potential of all lodes



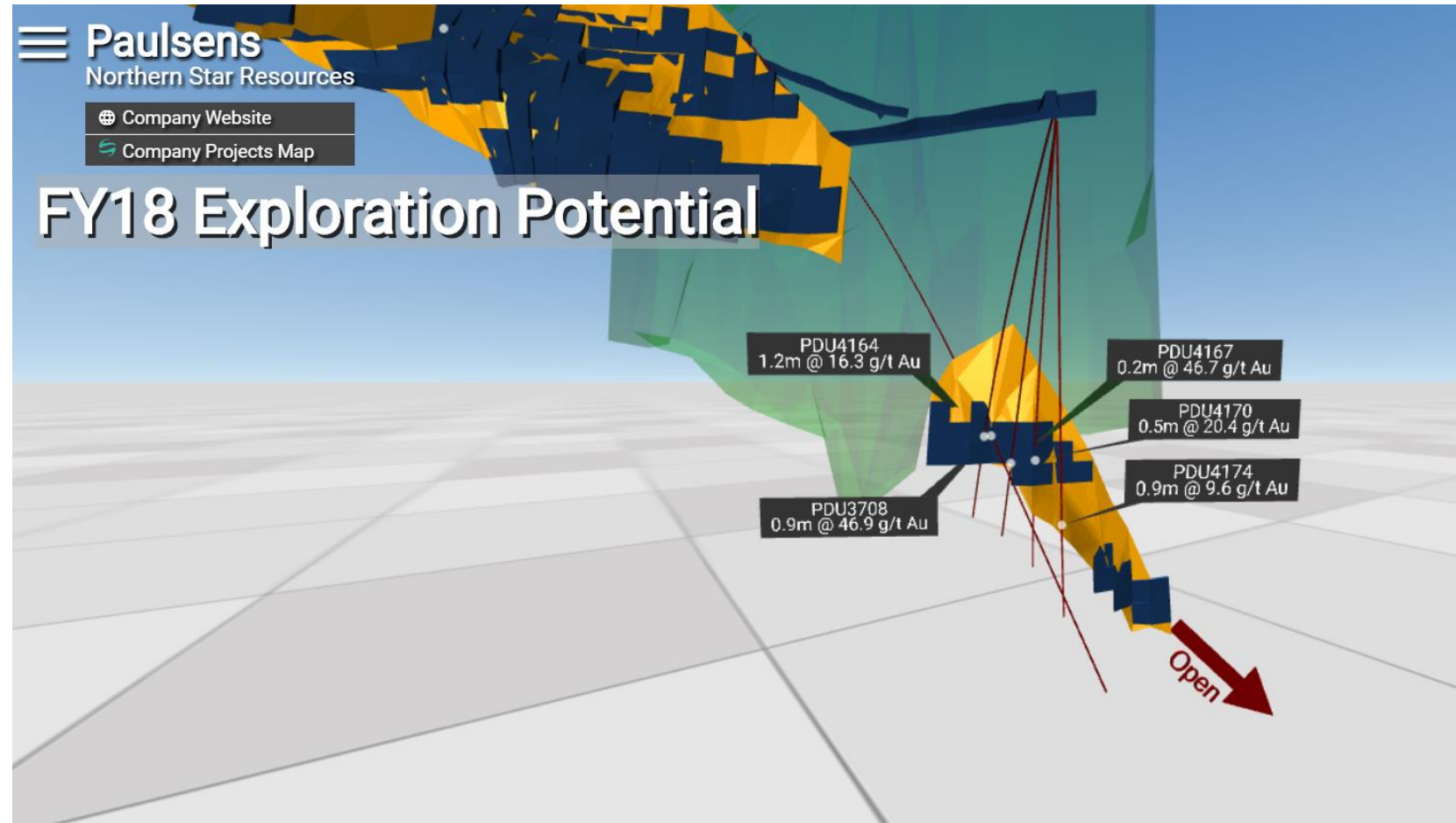
Kalgoorlie Operations: This is where the production growth is coming

- ✦ Past production on the 100% NST ground has yielded 1.25Moz at 6gpt between 1990-2004
- ✦ Current development to 50kozpa Millennium is ahead of schedule; first production ore due in December quarter
- ✦ Further production growth to come from: Barkers, Strzelecki, Pope John, Moonbeam and Paradigm; each of these ore surfaces has historically produced 50-60kozpa





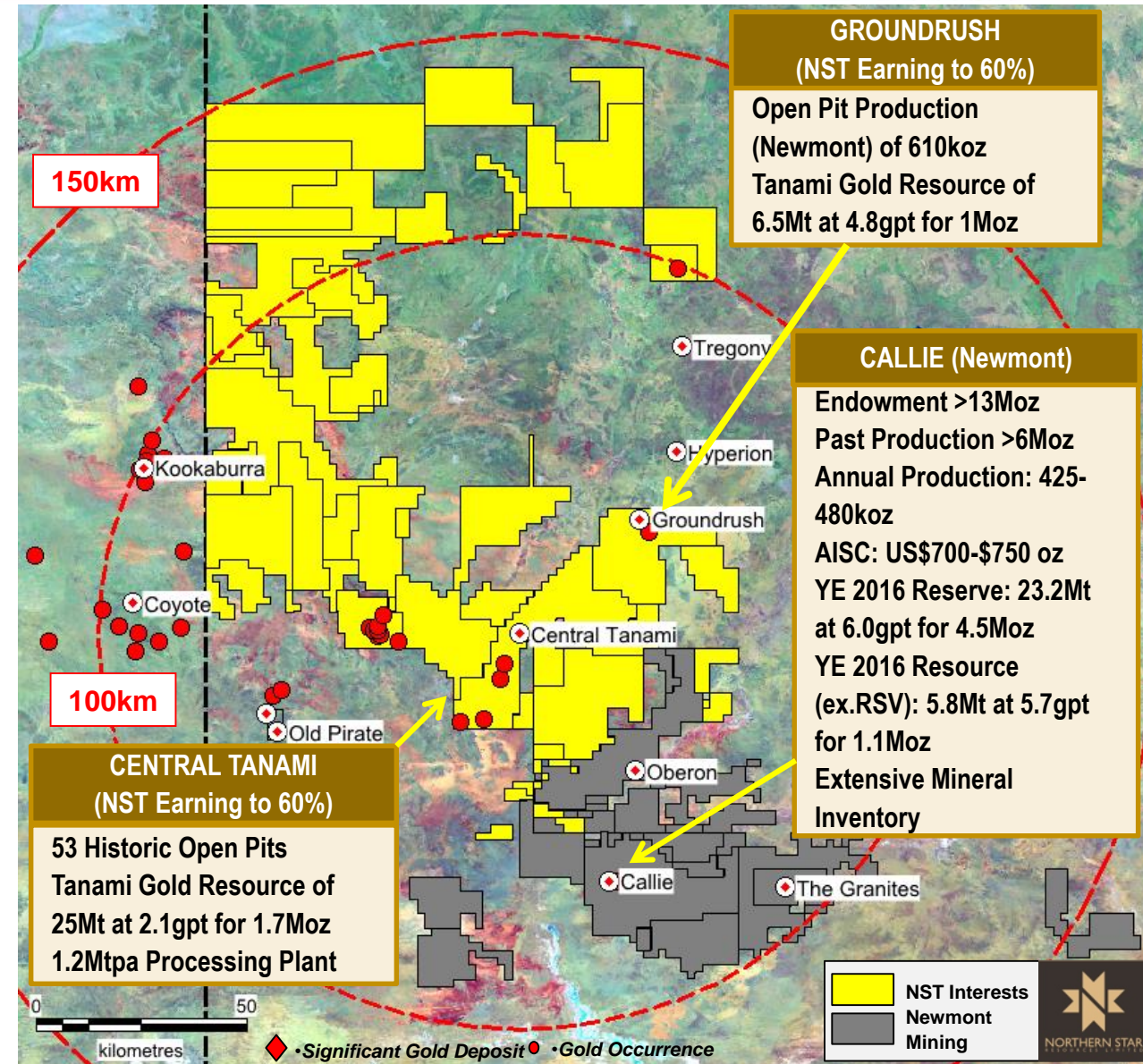
- ✦ FY2018: Guidance 35,000-45,000oz at an AISC of A\$1,300-A\$1,400/oz
- ✦ 1Moz at +7gpt has been mined continuously over the past 12 years, at an average of 75kozpa
- ✦ NST has committed to invest approximately A\$10 million in exploration at Paulsens over the next two years to revitalise the operation
- ✦ Subject to success; Paulsens is due to come back into the production profile in FY2021



Central Tanami Project “CTP”: Emerging Growth Region



- ✦ The Tanami region is an exciting new area that is rapidly developing a reputation for major gold discoveries
- ✦ CTP has produced 2.1Moz, an average of 120kozpa, from open pit mining to a depth of <125m
- ✦ Production ceased after mining the 610koz Groundrush pit over a 4 year period
- ✦ Past 5 years has seen A\$40M invested at Groundrush current Resource of 1.1Moz
- ✦ NST recently acquired a substantial strategic land position to complement existing operations
- ✦ CTP has the potential to be a 120-150kozpa producer (on a 100% basis)



Source: * Newmont May 2017 investor presentation - Mid-point of company guidance