



# Forward-Looking Statements and Competent Persons' Statements

#### **Forward-Looking Statements**

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#### **DeGrussa and Monty Mineral Resource and Ore Reserve**

The information in this report that relates to the DeGrussa and Monty Mineral Resource is based on information compiled by Mr Ekow Taylor who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Taylor was a permanent employee of Sandfire Resources NL at the time of Mineral Resource compilation and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserve. Mr Taylor consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the DeGrussa and Monty Ore Reserve is based on information compiled by Mr Neil Hastings who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Hastings is a permanent employee of Sandfire Resources NL and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Hastings consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### **Black Butte Mineral Resource**

The information in this report that relates to Black Butte Mineral Resource is based on information compiled by Mr. Michael J. Lechner who is a Registered Member of SME, a CPG with AIPG, a RPG in Arizona, and a P. Geo. In British Columbia. Mr. Lechner is an independent consultant and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Lechner consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



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#### **Temora Project Mineral Resource**

The information in this report that relates to the Dam, Cullingerai, Estoril, Mandamah, Yiddah and Gidginbung Mineral Resources is based on information compiled by Mr Ross Corben who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Corben is an Independent Consultant and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Corben consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### **Exploration Results Doolgunna**

The information in this report that relates to Exploration Results is based on information compiled by Mr. Shannan Bamforth who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Bamforth is a permanent employee of Sandfire Resources and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bamforth consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### **Exploration Results Temora**

The information in this report that relates to Exploration Results at Temora is based on information compiled by Mr Bruce Hooper who is a Registered Professional Geoscientist (RPGeo) of The Australian Institute of Geoscientists. Mr Hooper is a permanent employee of Sandfire Resources and has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Hooper consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### **Exploration and Resource Targets**

Any discussion in relation to the potential quantity and grade of Exploration Targets is only conceptual in nature. While Sandfire is confident that it will report additional JORC compliant resources for the DeGrussa Project, there has been insufficient exploration to define mineral resources in addition to the current JORC compliant Mineral Resource inventory and it is uncertain if further exploration will result in the determination of additional JORC compliant Mineral Resources.



# Our Vision and Core Values

#### Our Vision

Sandfire's vision is to be a significant, mid-tier mining company that operates in the top quartile of international performance benchmarks for the industry.







### Our Vision and Core Values

#### **Our Core Values**

The Company has implemented a set of Core Values designed to guide the directors and all employees in their day-to-day dealings with each other, customers and the community:

- ► Safety act safely and with care for the environment
- **▶ Communities** work with communities for mutual benefit
- ► Teamwork encourage teamwork, respect and integrity
- ► People attract the best people and reward performance
- Profitability optimise profitability through effective operating practices and cost consciousness
- ► Improvement we value continuous improvement, technical excellence and innovation



























# 2017 Snapshot - Operations, Corporate and Financial



- ► Fifth successive year of consistent, safe and profitable production
- Strong safety performance
- Outstanding financial results62% increase in net profit
- Continued commitment to shareholder returns
- ► Prudent financial management

COPPER AND GOLD PRODUCTION	C1 CASH OPERATING COST		
67,088 tonnes of contained copper  38,623 ounces of contained gold	US\$0.93/lb (2016: US\$0.95/lb)		
TOTAL RECORDABLE INJURY FREQUENCY RATE	NET PROFIT AFTER INCOME TAX		
<b>5.0</b> June 2017 (2016: TRFIR 7.1)	\$75.0M (2016: \$46.4 million)		
SALES REVENUE & PRICE ADJUSTMENT GAINS	CASH FLOW FROM OPERATING ACTIVITIES		
\$532.5M (2016: \$485.8 million)	\$216.1M \$248.3 million prior to payments for exploration & evaluation expenses		
DIVIDENDS	EARNINGS PER SHARE		
18c FY17	49.16 cents (2016: 30.54 cents)		
DEBT	CASH AND DEPOSITS		
\$50 million repaid on 31 January 2017	\$126.7M At 30 June 2017		



# 2017 Snapshot - Development, Exploration and Growth



Strengthened project development pipeline

Development of Monty Copper-Gold Project well progressed following successful DFS

Increased ownership of Black Butte Copper Project, USA to 78.1%, permitting significantly advanced

 Exploration footprint expanded and multipronged programs advancing

Farm-in agreement signed with Enterprise Metals on Doolgunna tenements

Systematic drilling and geophysical programs at Doolgunna, Enterprise JV, Springfield JV

Major base metals exploration program across East Coast portfolio – new deposit at Temora

Continued evaluation of BusinessDevelopment opportunities





# DeGrussa - Consistent, Reliable, Low-Cost



PRODUCTION OVERVIEW – Key Figures									
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018 (guidance)			
Production									
Copper (Cu)	64,017t	67,690t	67,154t	68,202t	67,088t	63-66kt			
Gold (Au)	42,679oz	33,893oz	37,386oz	37,612oz	38,623oz	35-38oz			
C1 Cash Operating Costs (US\$/lb)									
	1.24	1.18	1.09	0.95	0.93	1.00 – 1.05			

- ✓ Over 5 successive years of consistent, safe and profitable production
- ✓ Mining and milling rates maintained at 1.6Mtpa
- ✓ Production sourced from all four lenses (DeGrussa, C1, C4, C5)
- ✓ 40km of mine development completed

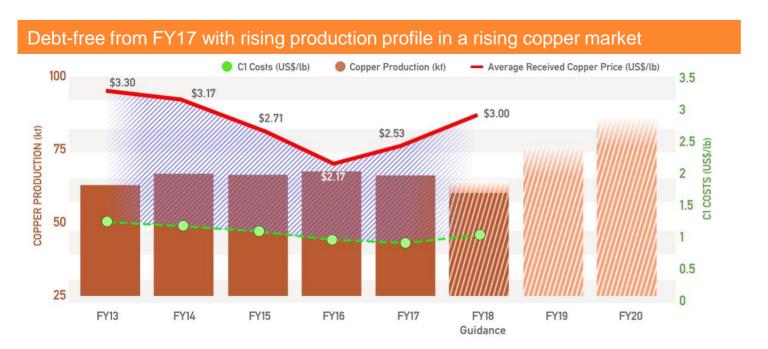


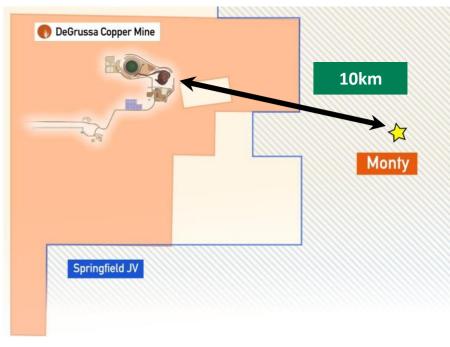


# Rising Production Profile in a Rising Copper Market

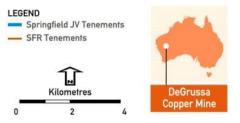


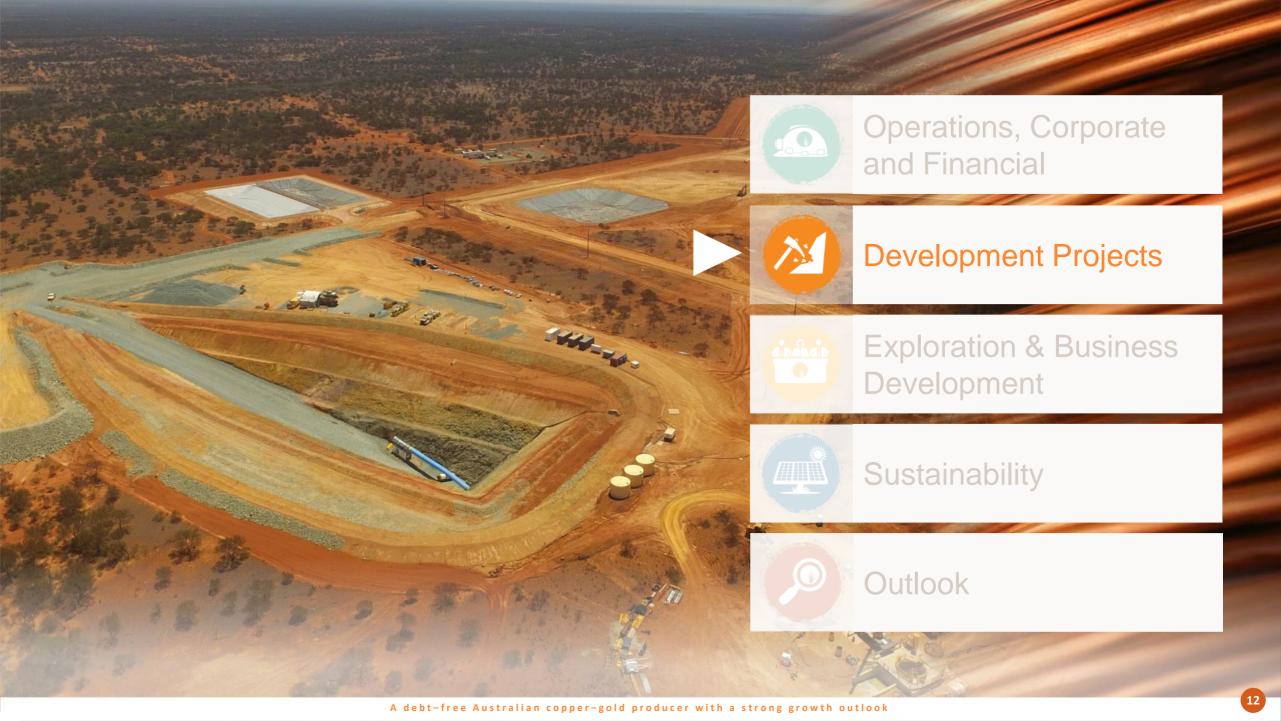
- ▶ Ore from Monty to be introduced from Q2 FY 2019: rising high-grade production profile in strengthening copper market
- ▶ DeGrussa and Monty Mine Plan: 7.0Mt at 5.1% Cu and 1.6g/t Au (359,000t Cu, 368,000oz Au)





DeGrussa and Monty Underground Mines	Tonnes (Mt)	Copper (%)	Gold (g/t)	Contained Copper (t)	Contained Gold (oz)	Monty basis
Mine Plan	7.0	5.1	1.6	359,000	368,000	100%
Ore Reserve	6.8	5.0	1.6	337,000	355,000	70%
Mineral Resource	7.2	6.0	1.9	434,000	450,000	70%

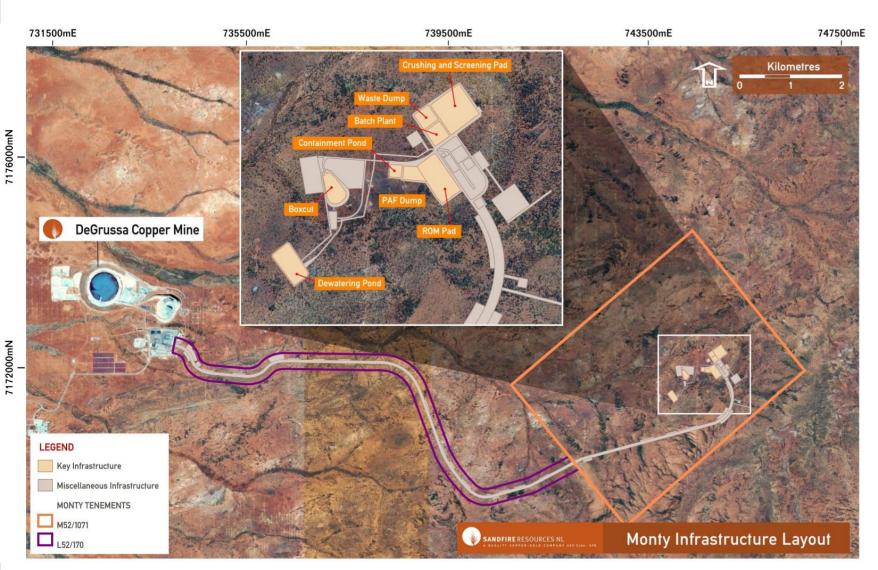






# Development Pipeline – Monty Project





- Satellite high-grade copper-gold deposit located 10km east of DeGrussa
- One of highest grade VMS deposits discovered anywhere in the world in past 3 decades
- ► First VMS discovery outside of the DeGrussa Complex
- Positive DFS completed April 2017: Maiden Ore Reserve of 0.92Mt at 8.7% Cu, 1.4 g/t Au
- Mining by underground method to 400m below surface
- ► Talisman 30% share of ore will be sold to Sandfire for processing at DeGrussa



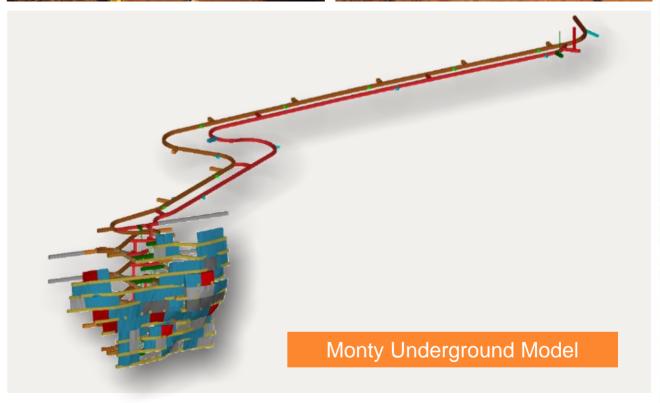
# Development Pipeline – Monty Deposit



- Mining contract awarded to Byrnecut (combined operations between DeGrussa and Monty JV)
- ► Civil works awarded to Yagahong alliance:
  - Haulage and access roads
  - Stockpile and laydown area pads
  - Infrastructure works and drainage
- ▶ Project development commenced July 2017 with excavation of box-cut for underground access
- ► First cut into the portal to establish the new underground mine in early October 2017 on time and on budget
- ▶ Underground development now well underway and on track to intersect first ore in Q2 FY 2019









### Development Pipeline – DeGrussa Growth Projects



Growth projects currently under evaluation against the backdrop of an improved copper price environment



#### **Near-Mine Opportunities**

- ► UG Mineral Resource not in Mine Plan, in zones located close to existing development
- ► C5 barrier pillar area around Shiraz and Merlot Fault – to be drilled out at end of CY 2017



#### **Oxide Copper Project**

- ► ~2.8Mt oxide stockpiles at 1.2% Cu and 1.0g/t Au (35,000t Cu, 84,000oz Au)
- ► New processing concept developed and currently being further evaluated
- ► PFS planned following successful testwork



#### **Thaduna Copper Projects**

- ► 2 structurally controlled copper deposits: Green Dragon and Thaduna
- ► Oxide resources with upside potential
- ► Development pathways under evaluation









# Development Pipeline - Black Butte Copper Project, USA



- ➤ 78% stake in copper development company Tintina Resources (TSX-V: TAU) ~A\$40M invested to date
- Developing the Black Butte Copper Project, central Montana, USA
- ► Advanced, high quality copper project in stable jurisdiction:

Mineral Resource: 18Mt at 3.3% Cu, 14g/t Ag, 0.10% Co for 597,000t of copper, 7,980,000oz of silver and 18,000t of cobalt (JORC)\*

- ▶ One of the top-10 undeveloped copper projects worldwide by copper grade
- Outstanding near-mine and district-wide exploration potential
- ► Draft Mine Operating Permit (MOP) for Johnny Lee copper deposit approved after being found to be "Complete and Compliant" by Montana Department of Environmental Quality (DEQ)
- Environmental Impact Study (EIS) underway and expected to take around 12 months – final stage of permitting process



<sup>•</sup> Refer SFR:ASX Release - "Sandfire Group JORC Mineral Resource and Ore Reserve Statement, 19 October 2017 "



### Development Pipeline - Black Butte Copper Project, USA



- Upfront capital expenditure of ~US\$220M \*
- ▶ 2 year construction period with operations over 11-14 years \*
- ▶ Very small surface footprint will be 100% reclaimed
- ► Highly engineered, state-of-theart underground mine
- Mine design, layout and geology ensures that water quality and quantity will be protected
- Stringent monitoring and approval process
- Reclamation bond to be posted with the State of Montana



Modern mining restores the site to original land uses and water flows, fully protecting our water and landscapes long term.

 NI 43-101 M&I and I Mineral Resources – Refer TSXV Announcement "Preliminary Economic Assessment Black Butte Project", 12 July 2013" http://www.tintinaresources.com/assets/docs/ppt/TAU-UpdatedPEA 07-12-2013.pdf



# Black Butte Copper Project, USA – Community Engagement



- ► We are **committed to expanding our business in North America** by developing the Black Butte Copper Project
- We are a committed, long-term investor in the State of Montana with a desire to become a productive part of the community
- We believe passionately in our ability to balance development and economic progress with the best possible environmental management
- We believe passionately in the ability to develop new mining projects such as Black Butte to make a substantial and positive long-term contribution to the economy and the community
- We will continue to work closely with the State Government, regulators and other stakeholders to ensure that our project is permitted properly as we go through the Environmental Impact Study (EIS) process

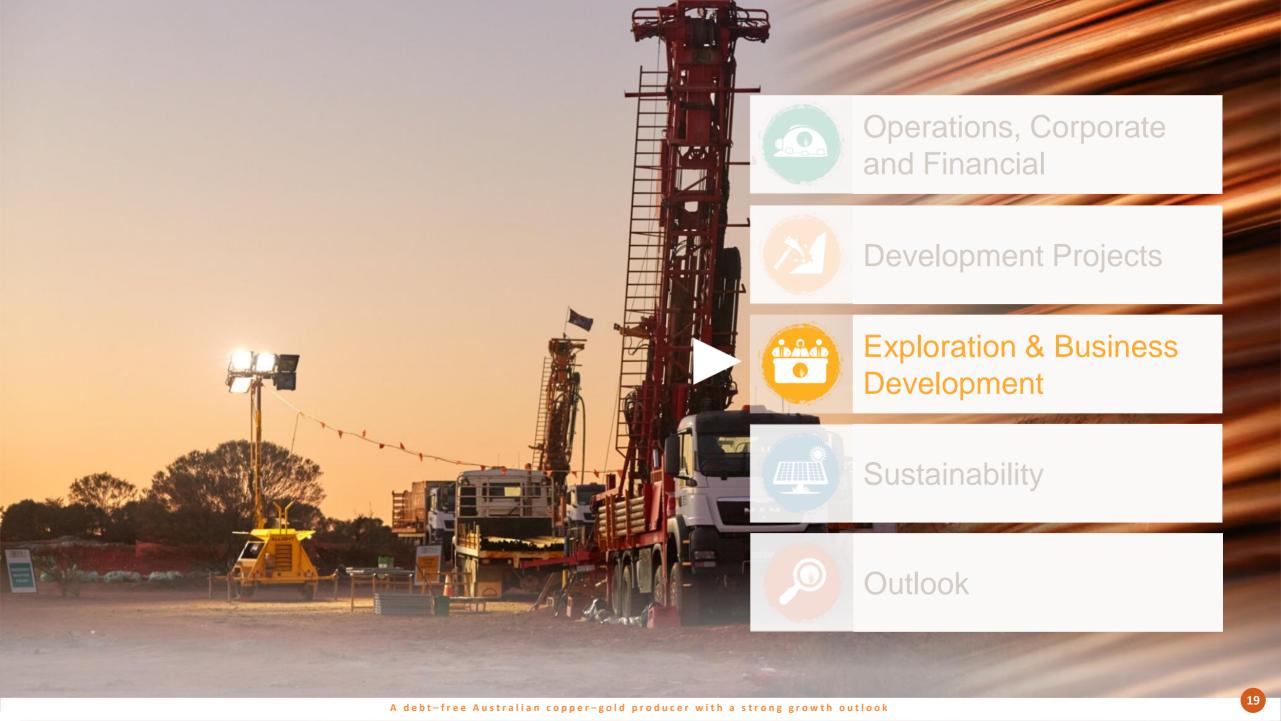






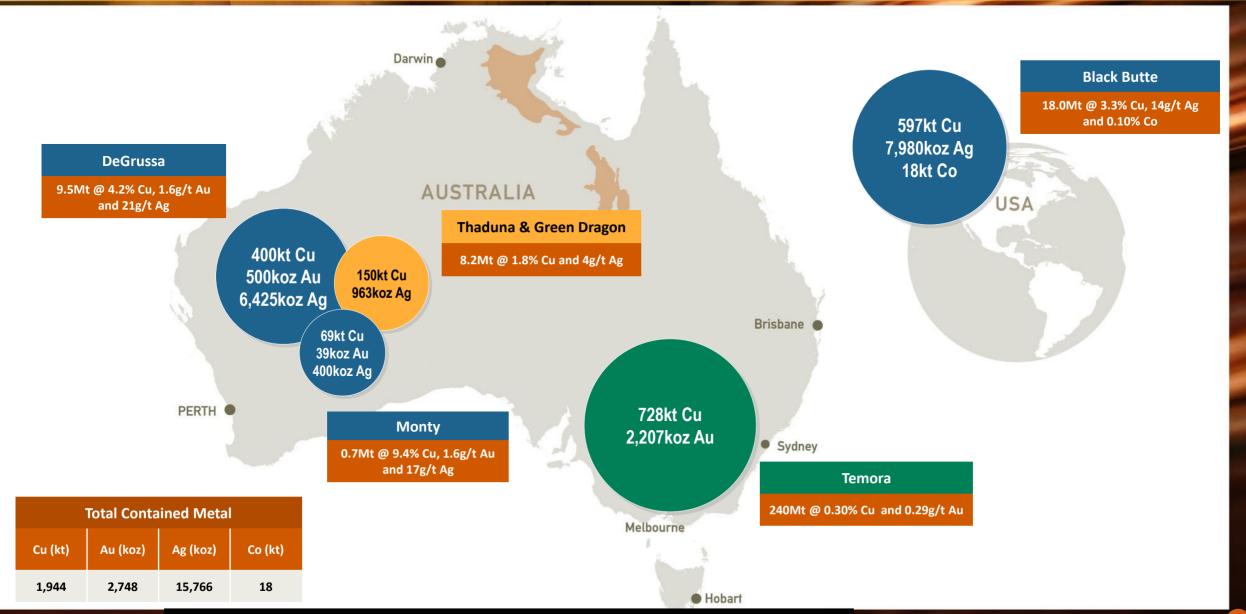








### Exploration and Business Development – Group Mineral Resource

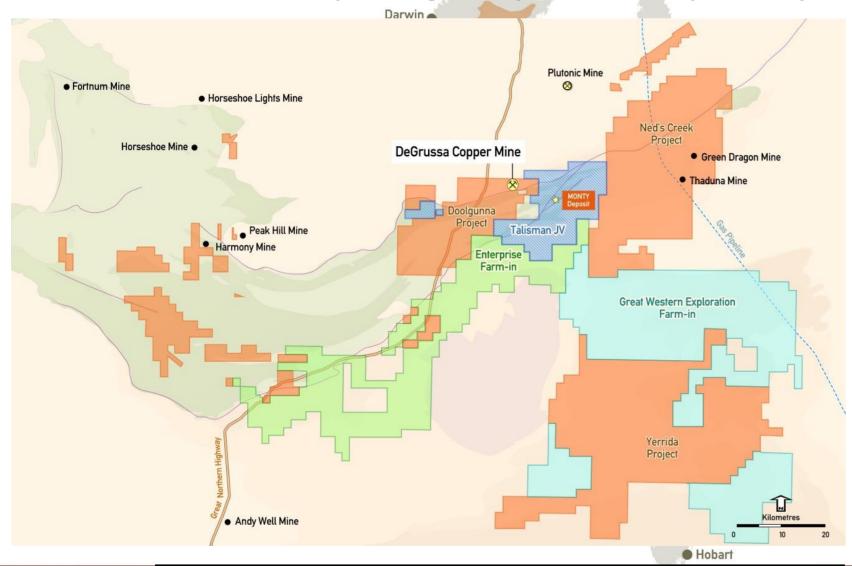




### Doolgunna - Dominant Position in a World-Class VMS Province



► Sandfire has more than tripled its ground position in the past two years



- Greater Doolgunna region:
   5,846km² including 65km strike length of prospective VMS lithologies
- Recent farm-in deals:
  - ► Enterprise Metals (ASX: ENT) to earn up to 75% interest in tenements to the south
  - ► Great Western Exploration (ASX: GTE) at North Yerrida





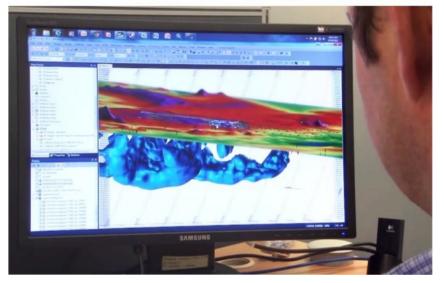
## Exploration – New Technology, New Ground = Fresh Impetus



- ► Aggressive push into new areas Enterprise JV, Great Western JV and Yerrida
- ► Revisiting "old" areas using cutting-edge new technologies, e.g. ultra-high powered MLEM (~15% more powerful than previous systems)
- ► Major new airborne EM survey completed using latest Heli-borne (EXCITE) technology over expanded tenement holding
- ► Extensive airborne EM survey planned using Fixed Wing (SPECTREM) technology, designed to detect discrete EM targets for drill testing
- ► New MLEM technology being deployed along DeGrussa Mine Corridor and then extending to new JV areas
- ▶ DHEM coverage to be expanded into areas not yet covered
- ► Significant new target areas to be tested, e.g. Turtle prospect (North Robinson Range)



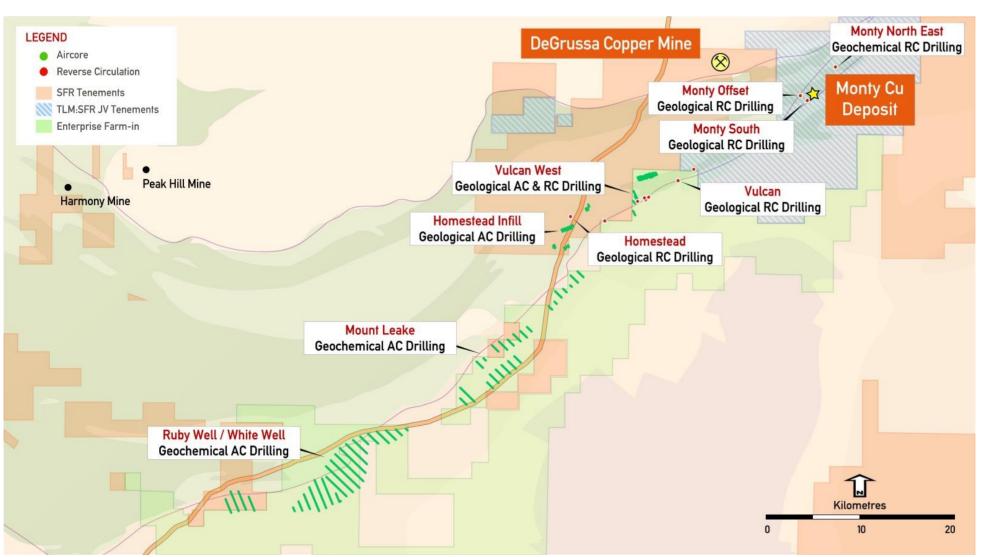






### Exploration – New Technology, New Ground = Fresh Impetus





- Exploration continuing as priority along prospective VMS corridor hosting DeGrussa and Monty
- RC drilling along strike from Monty
- RC drilling withinVulcan and VulcanWest prospects
- 600-hole initial aircore program at Enterprise
   Metal farm-in to test
   50 strike kilometres
- ► In-fill aircore drilling at Homestead



#### Australian East Coast – Base Metal Exploration Initiative



#### Targeting world-class discoveries in Australia's premier exploration provinces



Strategy: acquire the best ground with potential for a significant discovery that can be quickly developed. Increased focus on gold.

#### **Northern Territory**

► Active drilling by JV partners in Borroloola tenements

#### **Queensland Base Metals**

- ► 2,400km² in Mt Isa-Cloncurry province including 100km strike length with potential for Broken Hill/Cannington-style and IOCG mineralisation
- ► Key targets include 100%-owned, Strathfield, Breena Plains and Cannington West projects
- ▶ Drilling underway as part of 2017 field season

#### **NSW Base Metals**

- ▶ 2,100km² in Lachlan Fold Belt with outstanding potential for porphyry mineralisation
- New porphyry deposit at 100%-owned Temora Project − drilling underway at Donnington
- ► Number of priority gold and base metal targets







#### Improved safety performance

- ▶ Increased focus on risk management and assurance processes implemented
- ► Governance enhanced
- ▶ Ongoing initiatives have included further development of safety systems, improved safety leadership and enhancement of safety culture

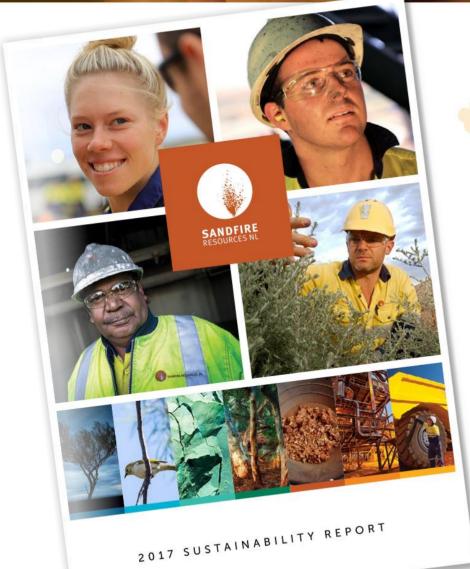






### 2017 Sustainability Report





#### **OPERATING RESPONSIBLY**







We are striving to bring SOLAR POWER online & achieve nameplate power



to the environment

#### MontyMining Proposal

approved by Department of Mines and Petroleum



#### SUPPORTING ECONOMIC DEVELOPMENT

\$272.5M

on payments to contractors & suppliers

96%

of total spend on goods and services dedicated to Australian suppliers and contractors 77%

of total spend on goods and services procurement to suppliers in Western Australia Committed to local procurement in Midwest region

\$8.2M

contract awarded to **Yagahong Alliance** for Monty civil & earthworks which will create job opportunities for Yugunga-Nya people

**SPENT \$46.1M** 





Signed additional partnership agreements which support bridging the education gap in

REMOTE COMMUNITIES

\$495K

total community
INVESTMENT

1 267% on FY2016



# Supporting Regional Economic Development



# Supporting regional economic development is a key focus area of our Sustainability Strategy

We acknowledge that our success supports the economic development of individuals and communities and we aim to maximise benefits and minimise negative impacts of our economic influence. Our vision is to create sustainable, enduring value for our communities.

#### ▶ Our targets are:

- ► 5% of our total workforce, including contractor personnel, to be Aboriginal people
- ► 8% of our total procurement spend to be spent in regional areas of Australia
- ▶ Donate \$500k to projects which will have a long term positive and sustainable effect in the communities in which we operate







<sup>\*</sup> Figures for FY2017, as referenced in Sandfire's 2017 Sustainability Report



### **Supporting Local Businesses**



- ▶ Joint Venture in place between local Native Title Group and Centrals Earthmoving for provision of ROM pad and Site Services contract
- ► This Joint Venture recently won the bulk earthworks contract for the new Monty copper-gold mine
- ► Supporting local engagement programs, e.g. Meekatharra Counsellor, Teach Learn Grow, Shooting Stars and Meekatharra Skills Development Project

# The Weekend West

#### Yagahong wins contract

Stuart McKinnon

the Doolgunna region north of and power supply. Meekatharra

The Yagahong Alliance — a already provides joint venture between Geraldton's earthmoving and Central Earthmoving Company and services for Sandfire under a traditional owners group, the contract it secured in July 2015. Yugunga-Nya people — has been awarded an \$8.2 million civil and Aboriginal people. earthworks contract on the project, which is a joint venture between director Karl Simich said Monty Sandfire Resources (70 per cent) would be the first new copper mine and Talisman Mining (30 per cent) in the Bryah Basin since the

The contract involves development of DeGrussa six construction of a 14km haul road years ago. from Monty to Sandfire's existing DeGrussa operations, local access Yagahong and an elder of the roads, stockpile and lavdown area Yugunga-Nya people, said the pads, a box-cut for the contract was "a big thing" for the underground portal infrastructure earthworks and drainage. Work on the box-cut is employment opportunities for our expected to begin in the fourth mob and it enables the Yagahong quarter of this calendar year.

The Monty joint venture

An indigenous joint venture partners are yet to secure the last company has won the first contract remaining statutory approvals for to be awarded for the new \$90 the project and will soon announce million Monty coppergold mine in contracts for underground mining

> The Yagahong Alliance site-based contracting

> Its aim is employing

Sandfire's managing

Ron Shay, a director of and Yugunga-Nya People.

> "It will provide training and business to keep growing strongly," he said.













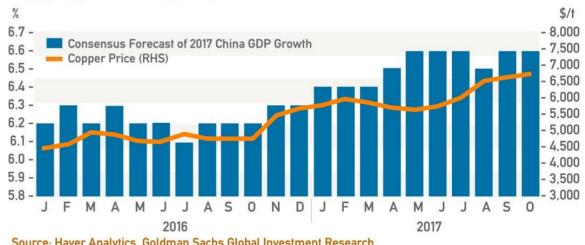
# Copper - An Upbeat Outlook for 2018 and Beyond



- ► Copper price up more than 20 per cent this year, driven by strong and synchronous global growth, depreciating US Dollar and repeated supply disruptions
- ▶ Recent rally in line with fundamental economic indicators, including Chinese PMI and economic growth forecasts
- ► Goldman Sachs recently upgraded its 12 month price forecast to US\$7,050/tonne with market forecast to be in deficit in 2018 to the tune of 130,000t
- ► Previously anticipated "wall of supply" has not materialized – in many cases due to labor and contract disputes at major global copper mines

"Combining our supply and demand balance forecast with our forward views on growth and currencies, we believe the 2011-2016 surplus market is over and copper is poised to go higher, with the potential to surpass US\$8,000/tonne by 2022." - Goldman Sachs Commodities, 23 October 2017

#### Copper prices caught up to fundamentals in recent months



Source: Haver Analytics, Goldman Sachs Global Investment Research

#### Copper prices could exceed \$8,000/t by 2022

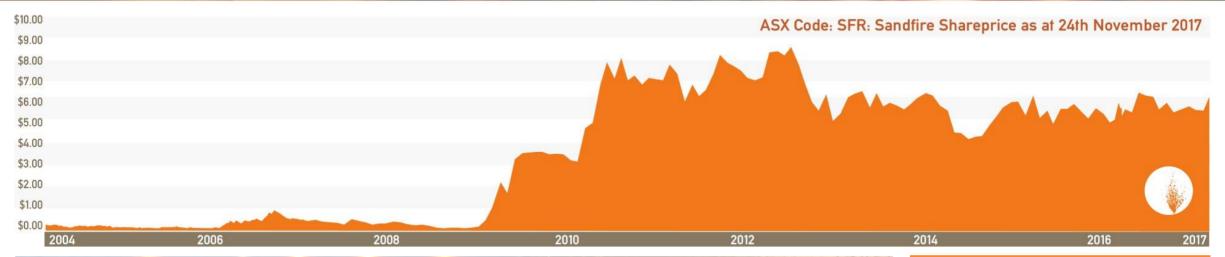


Source: Wood Mackenzie, Goldman Sachs Global Investment Research



# Corporate – Positioned for Growth and Success







#### Current broker coverage

































### Summary - Positioned for Growth and Success

- Consistent low-cost production
- Strong balance sheet
- Growing free cash-flows
- ► Committed to organic growth via exploration
- Unlocking the potential at Doolgunna
- ▶ **Developing** a growth pipeline for the future

Sandfire is a high-margin, low-cost Australian copper-gold producer, ideally positioned for its next chapter of growth.



