

HILLGROVE Resources

HILLGROVE RESOURCES AGM

STEVEN MCCLARE IIIII CEO & MANAGING DIRECTOR 24 MAY 2018



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Competent Person's Statement

The information in this release that relates to the 2016 Mineral Resource Estimate for Giant is based upon information compiled by Mr Peter Rolley, who is a Member of The Australian Institute of Geoscientists. Mr Rolley is a full-time employee of Hillgrove Resources Limited and has sufficient experience relevant to the styles of mineralisation and type of deposit under consideration 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 (JORC Code)'. Mr Rolley has consented to the inclusion in the release of the matters based on their information in the form and context in which it appears.

The information in this release that relates to the 2013 Mineral Resource not including Giant is based upon information compiled by Ms Michaela Wright, who is a Member of The Australasian Institute of Mining and Metallurgy. Ms Wright is a former full-time employee of Hillgrove Resources Limited and has sufficient experience relevant to the styles of mineralisation and type of deposit under consideration 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 (JORC Code)'. Ms Wright has consented to the inclusion in the release of the matters based on their information in the form and context in which it appears.

The information in this release that relates to Ore Reserves is based upon information compiled by Mr Lachlan Wallace, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Wallace is a full-time employee of Hillgrove Resources Limited and has sufficient experience relevant to the styles of mineralisation and type of deposit under consideration 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 (JORC Code)'. Mr Wallace has consented to the inclusion in the release of the matters based on their information in the form and context in which it appears.

The information in this release that relates to Exploration Results is based on information compiled by Mr Peter Rolley, who is a Member of The Australian Institute of Geoscientists. Mr Rolley is a full-time employee of Hillgrove Resources Limited and has sufficient experience relevant to the styles of mineralisation and type of deposit under consideration 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 (JORC Code)'. Mr Rolley has consented to the inclusion in the release of the matters based on their information in the form and context in which it appears.

Exploration Results Here-In

All exploration drill results, soil sampling images, and rock chip results have previously been reported to the ASX by Competent Person at the time. The results reported herein are reported in the form and context of the original ASX releases of , 15 May 2015, 18 Oct 2016, 25 May 2017, 20 Oct 2017.



HILLGROVE RESOURCES CONTENTS

- 1. Safety, environment and community
- 2. Strategy and direction
- **3. Operational performance**
- 4. The year ahead
- 5. Creating Company transforming mining projects







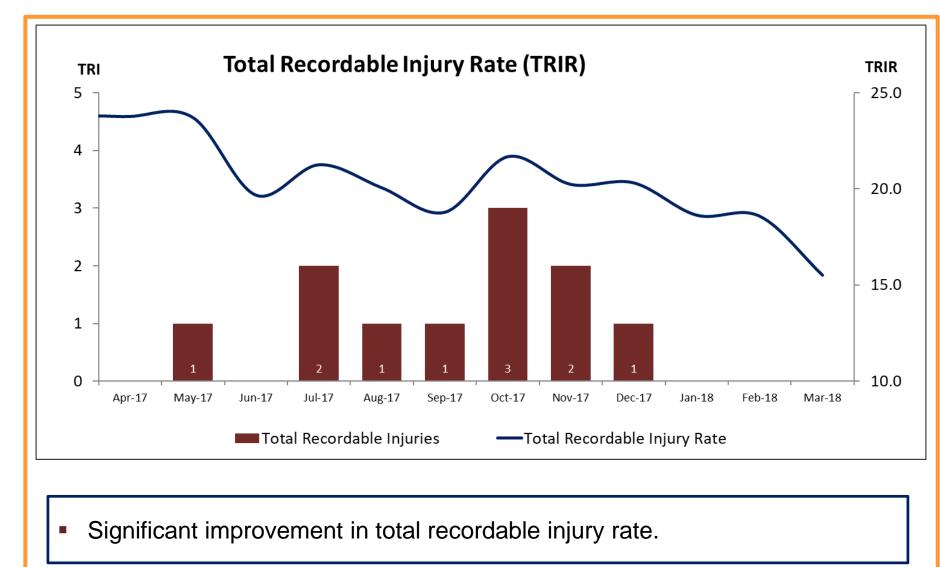
SAFETY, ENVIRONMENT AND COMMUNITY





HILLGROVE HILLGROVE RESOURCES RESOURCES SAFETY







HILLGROVE HILLGROVE RESOURCES PROGRESSIVE REHABILITATION OF NUGENT PIT

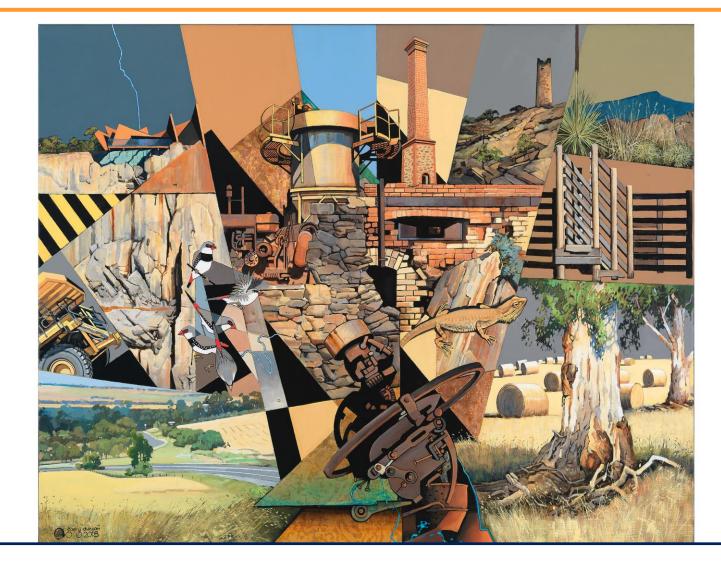




- Nugent Pit mined in 2015/16
- Backfilled 2016
- Rehabilitation commenced 2017

HILLGROVE HILLGROVE RESOURCES RESOURCES COMMUNITY CONSULTATION





- Active community working with the Mine to have a Master Plan for the District
 Depairs includes rehabilitation growth concents and past closure actionality
- Planning includes rehabilitation, growth concepts and post closure optionality







STRATEGY AND DIRECTION





HILLGROVE HILLGROVE RESOURCES RESOURCES STRATEGY AND DIRECTION



Strategy

- Utilise existing infrastructure and assets
- Deliver value at Kanmantoo
 - Mineral Resource Estimate (achieving entire resource in Giant Pit including inferred category)
 - Mining production delivery (cutback completed)
 - Progressive rehabilitation (Nugent and Emily Star backfilled)
 - Assets in good condition (primary crusher repair completed 23/5/18)
 - Stockpile generation to de-risk (5 months mill feed available)
- Depart Indonesia exploration (Project value written off in 2015)
- Continue to enhance Balance Sheet (repay debt & normalise creditors in 2018)
- Utilise existing assets as an enabler to unlock value
- Continue building geological comprehension and exploration capability targeting near region







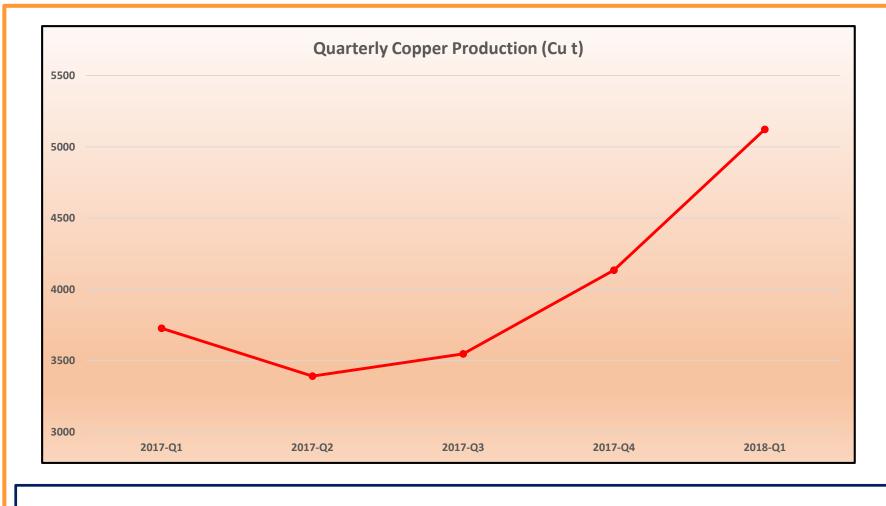
OPERATIONAL PERFORMANCE





HILLGROVE COPPER – GOLD PRODUCER RESOURCES KANMANTOO CASH GENERATIVE ASSET





Copper output progressively climbing towards annual guidance (22-24 kt Cu)



HILLGROVE HILLGROVE RESOURCES RESOURCES GIANT PIT CUTBACK – JAN 2017 COMPARISON TO NOW

















The Year Ahead

- Mining efficiency will continue to taper as working area reduces
- Persist with two excavators then revert to single unit
- Cash expenditure on mining reduces and then ceases in mid 2019
- Continue building stockpiles will increase to an entire years milling
- Increase exploration activity commencing with Kanappa drilling in Q3 2018
- Kanmantoo Deeps
 - Conduct optimisation study
 - Consider trade off to PHES
- Pumped Hydro Energy Storage
 - Refine studies
 - Formal process to unlock value Key Pacific Advisory Partners







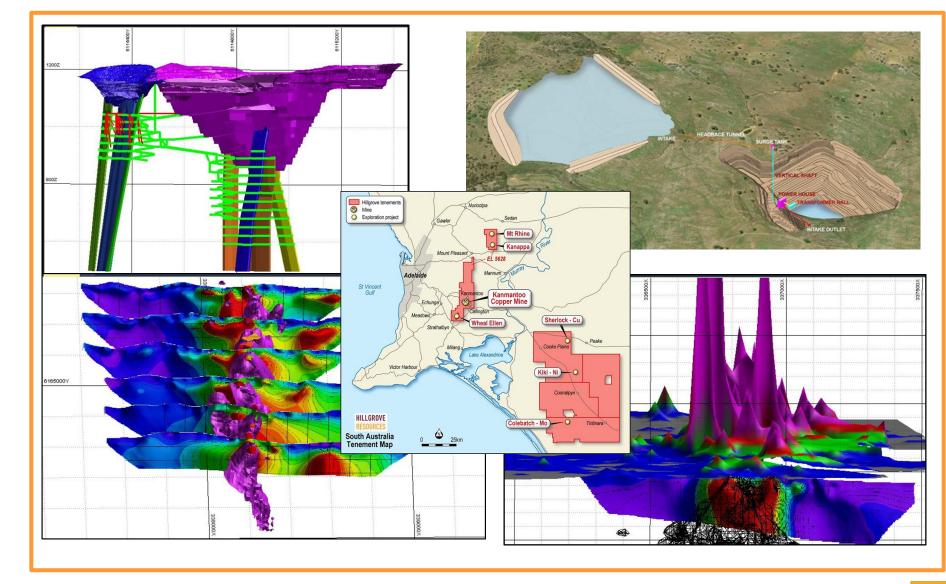
CREATING COMPANY TRANSFORMING MINING PROJECTS





HILLGROVE HILLGROVE RESOURCES RESOURCES 2018 - A VERY IMPORTANT STRATEGIC YEAR TO UNLOCK VALUE









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HILLGROVE Resources

EXPLORATION PRESENTATION

PETER ROLLEY IIIII CHIEF GEOLOGIST 24 MAY 2018













A COPPER – GOLD PRODUCER THE CORNERSTONE





HILLGROVE KANMANTOO – THE CORNERSTONE LOCATION



Hillgrove Resources Ltd (ASX:HGO) operates the Kanmantoo Copper-Gold Open Pit in the south-east of South Australia.

Mineral Resource Estimate¹ of Meas+Ind 19.6Mt @ 0.6% Cu, 0.1g/t Au Inf 12.3Mt @ 0.6% Cu, 0.1g/t Au

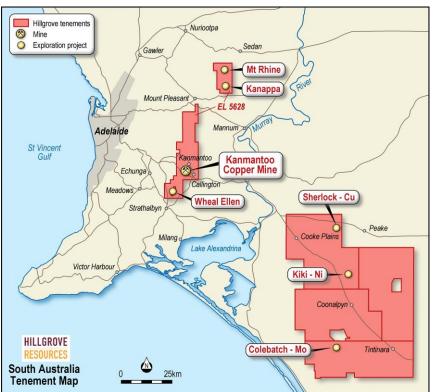
Located approx. 55kms from Adelaide

Grid power, water on site

Local labour force

Awards for Community Consultation

Leader in Environmental Rehabilitation practises



KEY TAKEAWAYS

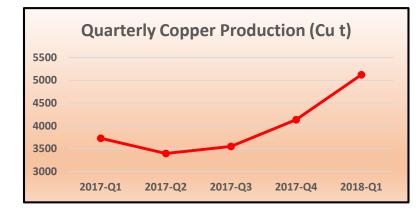
- Infrastructure fully operational and permitted
- Ideal location for services and on-site labour

2017 Annual Report Hillgrove Resources Ltd ASX:15 March 2018



HILLGROVE KANMANTOO – THE CORNERSTONE RESOURCES FUNDING FOR GROWTH PROJECTS







Quarterly copper production at Kanmantoo continues to improve as a significant pit cutback is now completed

Last Quarter C1 cash cost Total costs Milling Costs

US\$1.86/lb Cu US\$2.27/lb Cu A\$7.41/tonne

The production cash-flow is now enabling HGO to advance its growth projects:-

Under and adjacent to the Open Pit Mine

Near the Mine (within 3kms)

Within the Region

- Open Pit now generating significant cash flow
- Low cost milling and strong knowledge of operating conditions







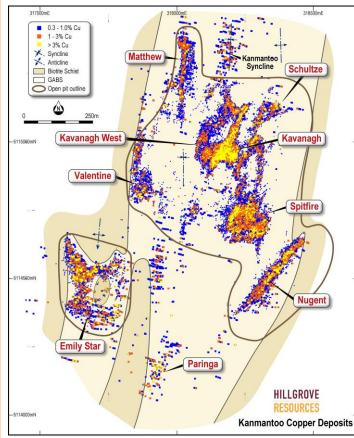
EXPLORATION UNDER AND ADJACENT TO THE MINE





HILLGROVE
RESOURCESEXPLORATION UNDER & ADJACENT TO THE MINE
KANMANTOO – SIGNIFICANT COPPER AND GOLD ENDOWMENT





Kanmantoo is a copper-gold mine with a large number of structurally controlled Cu-Au ore zones

Tenor of Gold can be significant, but varies across lodes. Not previously fully understood

Best copper-gold intercepts below or adjacent to the final pit include

12m @ 2.8% Cu, 0.7g/t Au at 480m below surface KTDD071

16m @ 2.4% Cu, 3.5g/t Au – KTDD133

5m @ 0.3% Cu, 32.3g/t Au – KTDD154

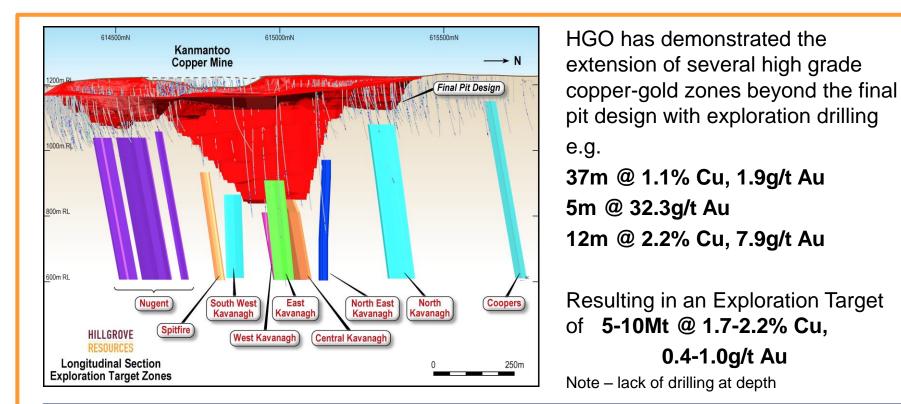
12m @ 2.2% Cu, 7.9g/t Au – KTDD141

Cu grades from blast hole and exploration data

- Continuous high grade Cu-Au zones are targets for UG mining evaluation
- High grade gold zones more common in mining than in DFS drilling
- Cu-Au zones persist over 480m vertically and continue

HILLGROVE
RESOURCESEXPLORATION UNDER & ADJACENT TO THE MINE
EXPLORATION TARGETS DOWN-DIP OF KNOWN ORE ZONES





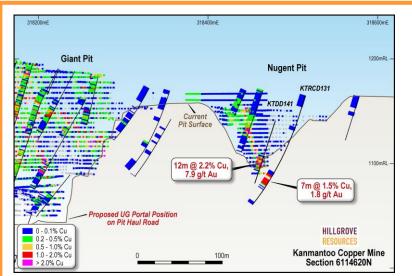
KEY TAKEAWAYS

- An increase in mine life may be possible at Kanmantoo
- The target is based on higher-grade Cu-Au zones that have already been mined in the open pit, and projecting these to depth where supported by exploration drilling
- Development of the targets can utilise existing Haul Road as a decline access

The Exploration Target is conceptual in nature as there has been insufficient exploration to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource. ASX 25 May 2017

HILLGROVE EXPLORATION UNDER & ADJACENT TO THE MINE DOWN-DIP DRILLING TARGETS



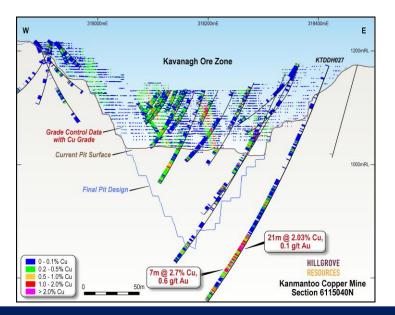


Kavanagh target is only 150m from Haul Road 21m @ 2%Cu, 0.1g/t Au and 7m @ 2.7% Cu, 0.6g/t Au

Other targets within 100m of Haul Rd include Spitfire – KTDD133 16m @ 2.4% Cu, 3.5g/t Au

The first UG target is the Nugent copper-gold zone Located 180m from the Pit Haul Road The Ore zones in Nugent Pit are up-to 20m wide

Nugent 12m @ 2.2% Cu, 7.9g/t Au



- Targets are down-dip of known ore zones, but poorly drilled
- Targets are located near existing Haul Road, which can be used as a quasi-decline



HILLGROVE EXPLORATION UNDER & ADJACENT TO THE MINE EXPLORATION TARGETS ARE PROXIMAL TO EXISTING INFRASTRUCTURE



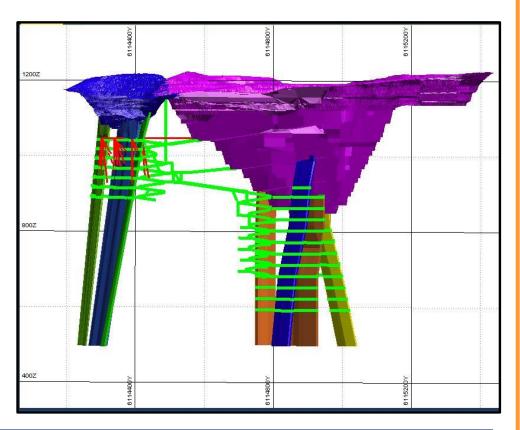
The Exploration Target;

is based on utilising the final in-pit haul road as a quasi-decline that will extend from surface down to 350m depth

Therefore minimal capital will be required to develop the UG

Development of the UG will benefit from the existing low cost milling, Tailings Storage Facility and Mining Lease permits

Is planned to be drilled in Q3 - 2018



- Significant sunk infrastructure
- Low hurdles to bring zones to production through incremental capital development







NEAR MINE EXPLORATION PROJECTS

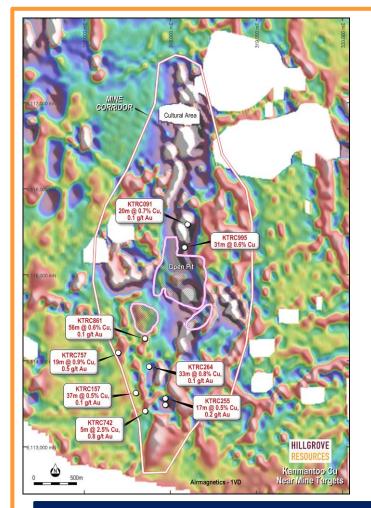
Within 3 kms of processing plant





HILLGROVE
RESOURCESNEAR MINE EXPLORATION PROJECTS
NO SYSTEMATIC EXPLORATION SINCE 2008





The Mine Corridor has not seen any systematic exploration since 2008 when the focus was on permitting the Kanmantoo open pit operations

The Mine Corridor is ~5kms long, owned 100% by HGO

Significant drill intercepts have not been followed up, including KTRC742 5m @ 2.5% Cu, 0.8g/t Au KTRC757 15m @ 1.0% Cu, 0.6g/t Au KTRC264 10m @ 1.7% Cu, 0.1g/t Au

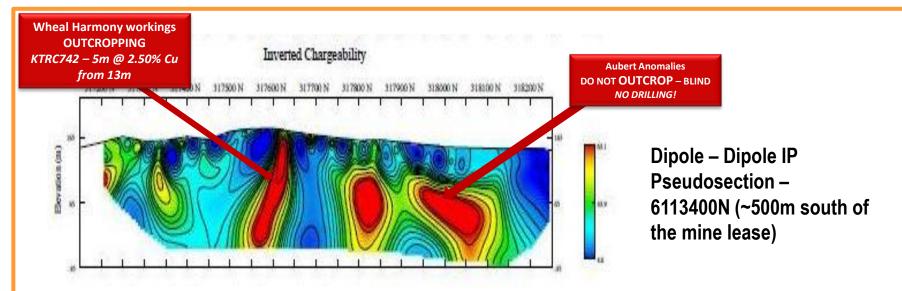
Not previously recognised is the strong structural control on the spatial continuity of the ore zones, opening up new opportunities for exploration within the Mine Corridor

- Targets are prioritised along structural corridors with high Au
- Targets are located near existing infrastructure



HILLGROVE NEAR MINE EXPLORATION PROJECTS UNFINISHED BUSINESS





Near Mine Targets

There are a number of IP and magnetic anomalies that have either not been drilled or only partially drilled within 3 kms of existing processing plant

The recent recognition of high grade gold zones with minimal copper sulphides has resulted in a re-evaluation of past exploration methods and results

- Objective is to define a series of higher grade Cu-Au targets for a cluster of UG mines
- Drill ready targets in Q4 2018







REGIONAL EXPLORATION PROJECTS

Within 100kms of Kanmantoo





HILLGROVE REGIONAL EXPLORATION PROJECTS DELAMERIAN OROGENY

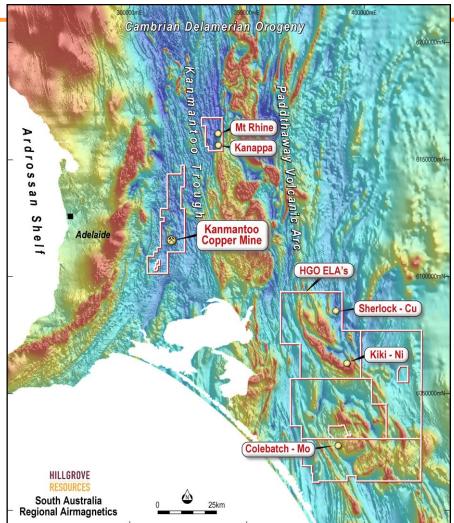


The Kanmantoo Copper-Gold Mine is located in the Delamerian Orogeny of south-east South Australia.

This zone is contiguous with the western Victoria and western Tasmania tectonic zones hosting Stavely, Mt Lyell, Roseberry, Hellyer and Henty copper-gold and basemetal deposits

Significant projects for Hillgrove to date include

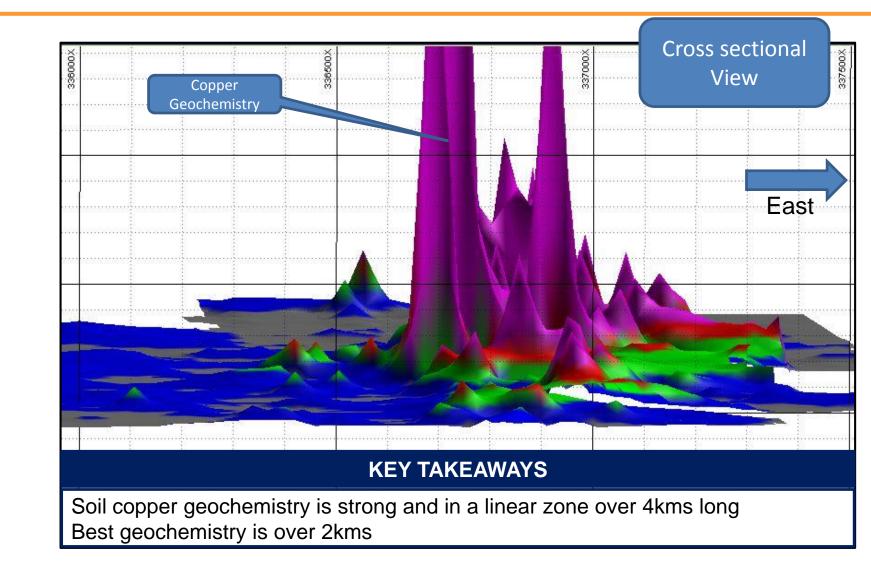
Kanappa Cu - Au Mt Rhine Cu - Au



- Targets large scale anomalies and geologic models
- Exploration to utilise low overhead mine base and services

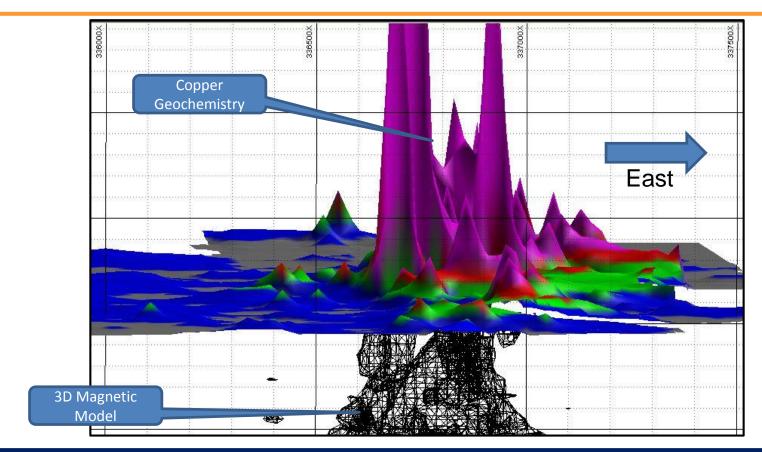
HILLGROVE REGIONAL EXPLORATION PROJECTS HILLGROVE 0.9% Cu, 0.1 g/t Au RESOURCES KANAPPA Cu-Au Kanappa Project Cu Soil Geochemistry The Kanappa Cu-Au zone is 50kms from Kanmantoo 6.6% Cu, 0.2 g/t Au A series of pegmatites and aplites intrude into a sequence 0.4% Cu, 0.3 W of potassic altered schists and carbonates 2.4% Cu, 0.8 g/t Au 0.2% Cu, 0.1 g/t Au Soil copper zone 4.4kms long 0.6% Cu 6.2% Cu 0.8 g/t A KPDDH01 Geochem zoning from west to east Cu-Zn => Cu-Bi => Cu-Au => Au - 6157000mN Alteration over 1km width from west to east Carbonates+/- magnetite, to white mica 4.4% Cu schists, to Fe-Ox schists, to quartz-carbonate veins 11.9% Cu 4.0 g/t Au 34% Cu 2.1 g/t Au 3.5% Cu Peak rock chips of 34% Cu 4.0g/t Au (separate samples) 1.5 g/t Au 1.8% Cu 2.3 g/t Au 4.0 g/t Au **KEY TAKEAWAYS** Large hydrothermal alteration and Cu-Au mineralised system <35ppm Cu <50ppm Cu <80ppm Cu >80ppm Cu 0.4% Cu 6155000mN Diamond Drill Hole 0 CuOx Sites 33 34% Cu Rock Chip Results

HILLGROVE REGIONAL EXPLORATION PROJECTS RESOURCES KANAPPA – ISOMETRIC VIEW OF COPPER GEOCHEMISTRY





HILLGROVE REGIONAL EXPLORATION PROJECTS RESOURCES KANAPPA – ISOMETRIC VIEW OF COPPER GEOCHEMISTRY & MAGS

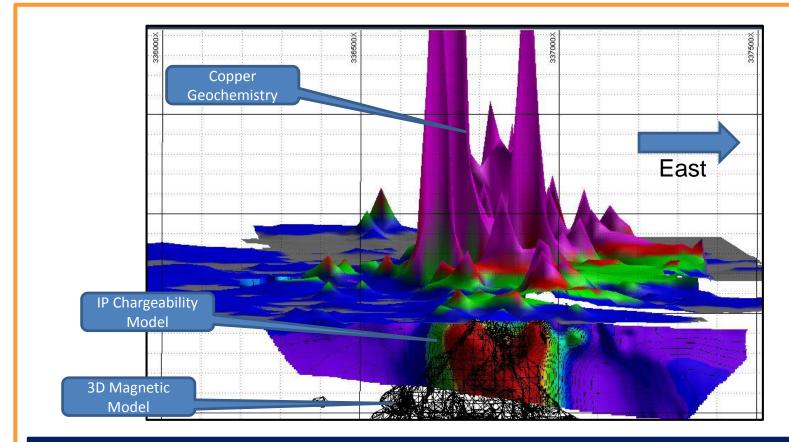


KEY TAKEAWAYS

Magnetic anomalism is strong and not related to rock types, implying it is alteration related Best magnetic zones are correlated with the best geochemistry over 2km strike length



HILLGROVE RESOURCES REGIONAL EXPLORATION PROJECTS KANAPPA – ISOMETRIC VIEW OF COPPER GEOCHEMISTRY & MAGS & IP



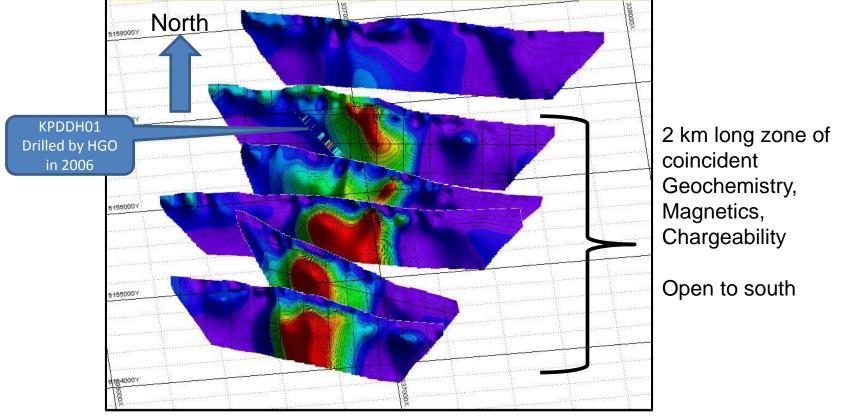
KEY TAKEAWAYS

The IP chargeability zone is discrete and strong over a 250m width Best Chargeable zones are correlated with best magnetic and Cu geochemistry over 2kms



SOUTH

HILLGROVE REGIONAL EXPLORATION PROJECTS RESOURCES KANAPPA – ISOMETRIC VIEW OF ALL IP & 2006 HGO DRILL HOLE



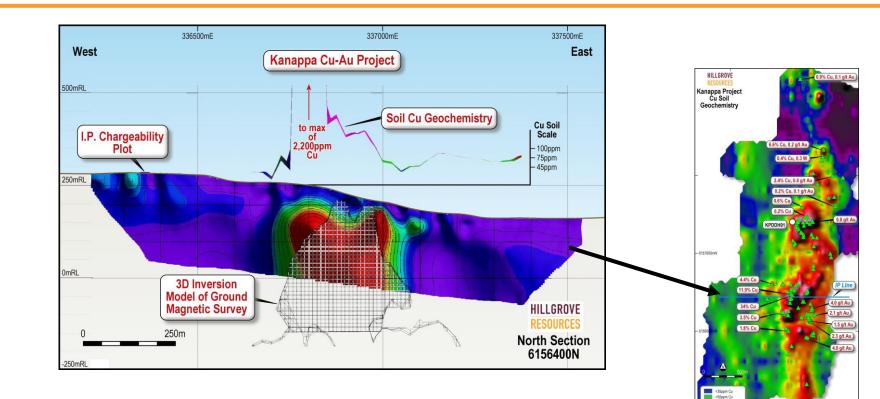
KEY TAKEAWAYS

This isometric view of all IP lines shows strong continuity of the IP chargeability zone Note that the location of the single HGO drill hole, drilled in 2006 before the magnetics and IP surveys were undertaken, has not tested the IP, magnetics, Cu geochemistry target



HILLGROVE REGIONAL EXPLORATION PROJECTS RESOURCES KANAPPA Cu-Au – BEST CROSS SECTION





Kanappa is a large and strong zone of alteration and copper-gold anomalism

It is the highest ranked Cu-Au exploration project for Hillgrove

KEY TAKEAWAYS

- Large scale coincident Cu-Au geochem, magnetics, and IP anomaly
- Drilling to commence as soon as Gov't permit granted (2 months)



0.4% Cu

HILLGROVE REGIONAL EXPLORATION PROJECTS RESOURCES MT RHINE Cu-Au



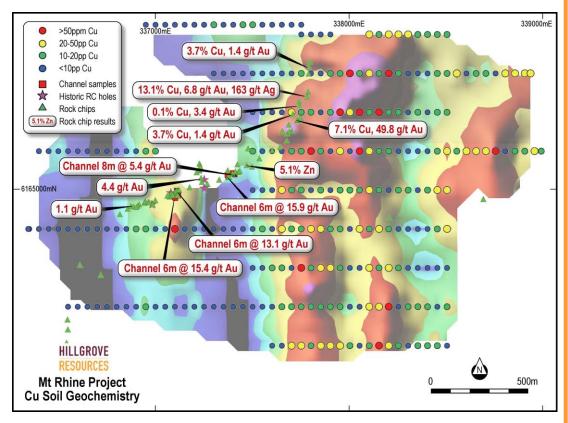
The Mt Rhine copper-gold zone is 10kms from Kanappa

Soil copper zone 1.7kms long

Peak rock chips of 13% Cu 49.8g/t Au (separate samples)

Peak Channel Sampling of 6m @ 15.9g/t Au

Much higher gold tenor cf Kanappa



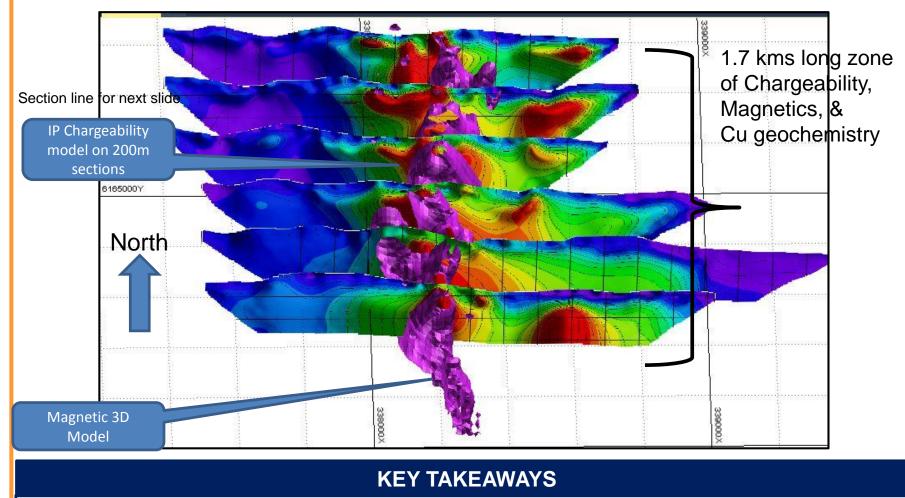
KEY TAKEAWAYS

- Large scale alteration system with
- Zone of Cu, IP and magnetic anomalism over 1.7kms long and 500m wide



HILLGROVE REGIONAL EXPLORATION PROJECTS MT RHINE Cu-Au

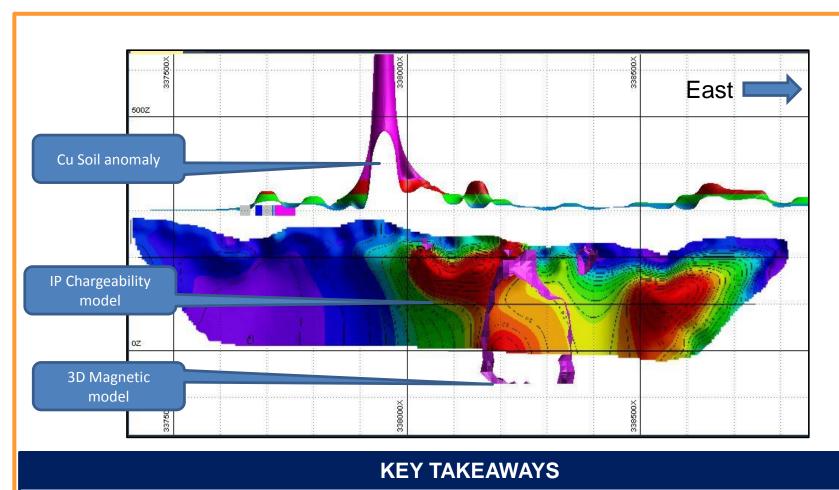




Stacked sections of IP chargeable model, with 3D magnetic model superimposed Continuous zone of IP and magnetic anomalism



HILLGROVE
RESOURCESREGIONAL EXPLORATION PROJECTS
MT RHINE Cu-Au – BEST CROSS SECTION



Mt Rhine has a strong zone of Cu geochemistry, magnetic and IP Chargeability anomalism Over a 1.7km long, 500m wide zone More work required to define the drill targets







UNDER MINE COPPER-GOLD EXPLORATION TARGETS

- Utilising the Open Pit Haul Road as a quasi-decline in potential UG development
- Exploring ore zones already known from open pit mining
- Projections supported by diamond drilling under & adjacent to the Pit including
 - 37m @ 1.1% Cu, 1.9g/t Au
 - 5m @ 32.3g/t Au
 - 12m @ 2.2% Cu, 7.9g/t Au

NEAR MINE COPPER-GOLD EXPLORATION OPPORTUNITIES

- Significant copper and gold targets for drilling
- All within 3 kms of existing processing plant

REGIONAL COPPER-GOLD PROJECTS

- Magmatic copper-gold zones with high tenor copper gold
- Large scale targets for drilling
- Kanappa drill ready and to commence in 2 months



Utilising existing infrastructure and cash flow at Kanmantoo to create Company transforming mining projects





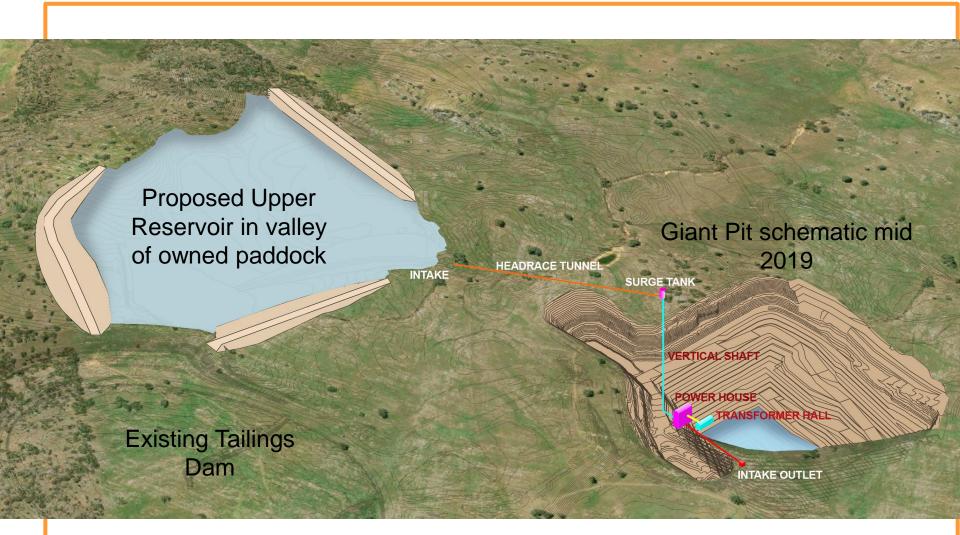
PUMPED HYDRO ENERGY STORAGE

(CEO & MD – CONT'D)

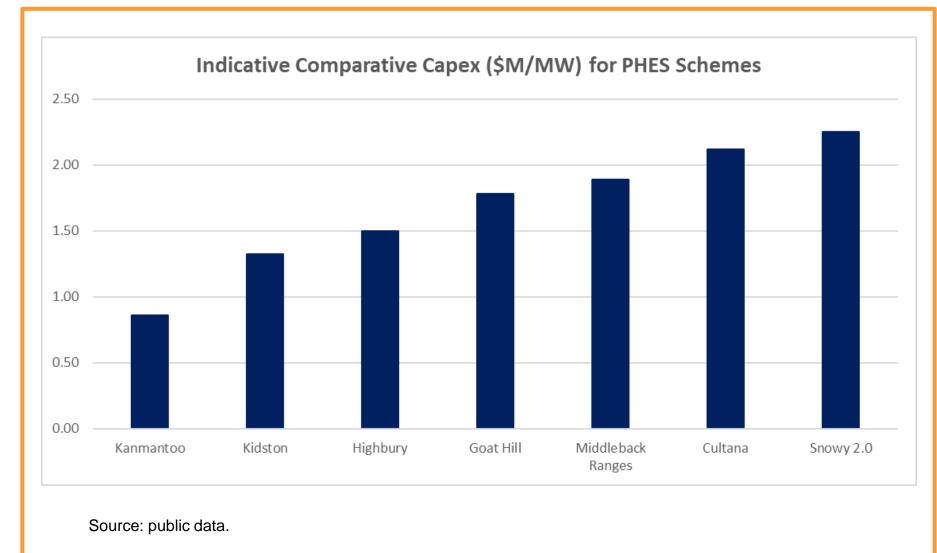








HILLGROVE RESOURCES HILLGROVE RESOURCES ONE OF THE LOWEST CAPITAL \$/MW STORAGE PROJECTS IN AUSTRALIA





One of the best sites for Pumped Hydro Energy Storage in Australia;

- Very low capital cost at < \$0.9M / MW and < \$140 / kWh.</p>
- Potential to be first to market; commissioned by end 2021.
- Infrastructure already in place (lower pond, water, buildings, roads, power).
- Proximity to grid and proposed renewable energy projects.
- Existing studies and knowledge (environmental, geotechnical, geology, hydrogeology).
- Long established social licence to operate.
- Project site 100% owned freehold land.
- Responsiveness to provide spot market arbitrage and FCAS opportunities.
- Low technology risk.

Not core business for Hillgrove, Key Pacific Advisory Partners appointed to conduct a formal evaluation process.







SUMMARY

Utilising existing infrastructure and cash flow at Kanmantoo to create Company transforming mining projects







KANMANTOO ENABLING NEW GROWTH

- Cash flow from operations
- Increased Geologic understanding of ore controls from production
- Owned, permitted and operating site
 - Quasi decline (haul road)
 - Processing and Tailings Facilities
 - Infrastructure suitable for further mining and/or processing
- Potential to pay fully franked dividends
- Able to use tax losses to offset future profits

GROWTH OPPORTUNITIES

- Copper and gold underground exploration targets
- Near mine copper and gold exploration opportunities
- Prospective region for copper and gold
- Pumped hydro cash injection or revenue stream





Utilising existing infrastructure and cash flow at Kanmantoo to create Company transforming mining projects



