HILLGROVE RESOURCES

ASX RELEASE

Thursday, 23 March 2023

KANMANTOO EXPLORATION TARGET UPDATE

HIGHLIGHTS

- In conjunction with commencing the underground development at the Kanmantoo Mine, Hillgrove has approximated an Exploration Target¹ of between ten and twenty million tonnes with a target grade of 0.9% and 1.3% Cu and 0.1 g/t to 0.3 g/t Au.
- The Exploration Target suggests the potential for material growth of the underground resources at Kanmantoo as announced to the ASX on 11 May 2022 and 26th July 2022
- The Exploration Target and the recent exploration drilling suggests that increases in mine life and in annual production may be possible at Kanmantoo from these exploration targets
- Most exploration targets outside of the 800m deep Kavanagh Cu-Au system have only been drilled to
 <120m depth
- The Exploration Target is based on six of the nine higher grade copper-gold ore zones that have already been mined in the open pit or intersected by Hillgrove's exploration drilling.
- The Exploration Target will benefit from the existing copper-gold processing plant and Tailings Storage Facility at Kanmantoo that, at full capacity, operates at a very efficient \$8.00/tonne milled².

The Board of Hillgrove Resources Ltd (the "Company" or "Hillgrove") is pleased to announce that, as part of the ongoing underground mine development at Kanmantoo, they have updated the magnitude of the opportunity for near-mine growth in the down dip and along strike continuation of the numerous copper systems as evidenced by the successes of their recent extensional drilling³.

Hillgrove's recent drilling at Emily Star and at North Kavanagh³ has confirmed the location of Cu-Au mineralisation proximal to the existing UG mine plan and as anticipated in previous Exploration Target compilations (23/02/2021). The success of the previous Exploration Target to identify Cu-Au mineralisation has given Hillgrove the confidence to continue to identify future UG copper resources with the objective to expand the Company's copper production profile and mine life.

As a result, Hillgrove has recently secured a drill rig to continue to explore the Exploration Target. The drilling will target mine life extensions down dip of the existing mine design at Nugent and Kavanagh and will also target the

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¹ 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 under the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, the JORC Code" (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve.

² Weighted average cost for the last 24 months of milling operation and consistent with Economic Assessment February 2023.

³ ASX 27 February 2023 New Cu-Au zones intersected in Kanmantoo drilling.

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strike extensions and parallel Cu-Au lodes with the aim to increase annual copper production.

Hillgrove has approximated an Exploration Target at the Kanmantoo Copper Mine (Table 1 and Figures 1 and 2) of between ten and twenty million tonnes with a target grade of between 0.9% and 1.3% Cu and 0.1 g/t to 0.3 g/t Δu

The Exploration Target herein replaces the Company's previous Exploration Target releases and does not include the 2022 Mineral Resource Estimates (MRE's) at Nugent and Kavanagh.

Included in this release is an approximation of the Exploration Target at Stella (drill results in ASX release 26 August 2021) and at South Kanmantoo (drill results in ASX release 2 June 2010). Mineralisation has been affirmed at both targets by Hillgrove's exploration drilling. Both targets are located on an Exploration Licence (EL6526) held 100% by Hillgrove and within 500 metres of the Kanmantoo Mine Lease.

The previously reported drill results include:

Stella

- 3m @ 2.76% Cu, 3.53 g/t Au from 343m depth (SLDD001), including
 0.6m @ 10.1% Cu, 16.86 g/t Au from 344m depth
- 6.56m @ 0.77% Cu, 0.84 g/t Au from 173m depth (KAN01), and
 0.9m @ 0.18% Cu, 9.28 g/t Au from 156.4m depth

South Kanmantoo

- 5m @ 2.5% Cu, 0.8 g/t Au from 13m depth (KTRC742)
- 17m @ 0.95% Cu, 0.35 g/t Au from 48m depth (KTRC757)
- 5m @ 2.95% Cu, 0.36 g/t Au from 24m depth (KTRC759)

Table 1 Summary of the Exploration Target by zone

Exploration Target					
Donosit	Max RL	Tonnage Range	Grade Range	Grade Range	
Deposit	Depth	(Mt)	(Cu %)	(Au g/t)	
Kavanagh	400	4 - 6	1.0 - 1.4	0.1 - 0.3	
Nugent	600	2 - 4	0.8 - 1.3	0.3 - 0.5	
Emily Star	600	1 - 4	0.8 - 1.2	0.1 - 0.2	
Paringa	600	1 - 2	0.8 - 1.2	0.2 - 0.3	
North Kavanagh	600	1 - 2	0.8 - 1.2	0.1 - 0.2	
Coopers	600	1 - 2	0.8 - 1.2	0.1 - 0.2	
TOTAL MINE LEASE		10 - 20	0.9 - 1.3	0.1 - 0.3	
South Kanmantoo (EL6526)	600	2 - 4	0.8 - 1.2	0.1 - 0.3	
Stella (EL 6526)	600	2 - 4	0.8 - 1.2	0.1 - 0.3	

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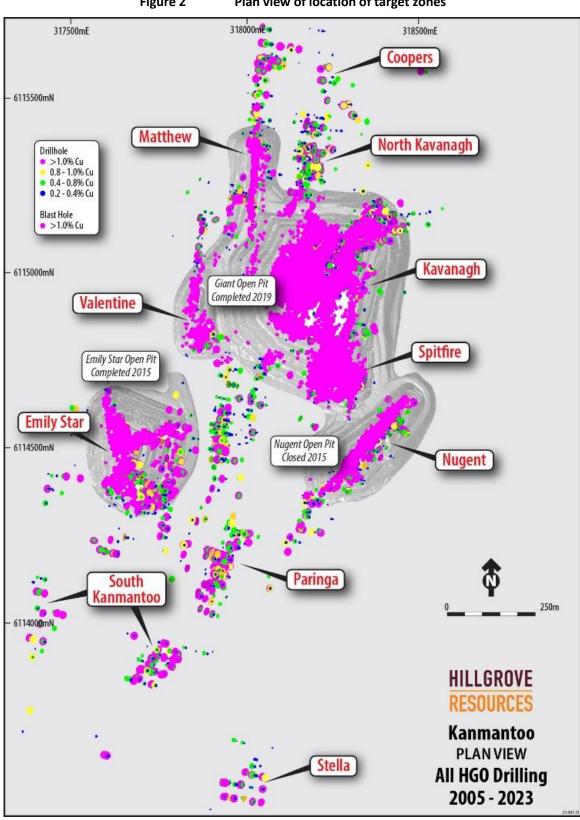
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6114000mN SOUTH NORTH 1200mRI Nugent 2022 MRE Coopers South Kanmantoo **Emily Star** North Kavanagh Paringa Nugent Kavanagh 2022 MRE Kavanagh 600mRL 400mRL Drill Hole
-> 1.0% Cu
-0.8 - 1.0% Cu
-0.4 - 0.8% Cu
-0.2 - 0.4% Cu HILLGROVE 200mRt Blast Hole RESOURCES - > 1.0% Cu **Kanmantoo Long Section** MRE Measured
MRE Indicated
MRE Inferred **2023 Exploration Targets** 0mRt 500m Looking West

Figure 1 Longitudinal section of the Exploration Targets by zone

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Plan view of location of target zones Figure 2

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Method of Assessment

Over the region of the Kanmantoo Copper Mine that falls outside of the current final pit design, nine potential higher-grade Cu-Au target zones have been identified which will be the focus for future exploration efforts. The identification and location of the target zones is predominantly based upon depth and strike extensions of coppergold zones that have been mined within the open pit or intersected by diamond drilling undertaken by Hillgrove.

An analysis of the large drill hole database of the Company, in conjunction with the open pit production data and geologic knowledge gained from mining of over 300 vertical metres of the main orebodies at Kanmantoo, and the exploration drilling undertaken by Hillgrove over the past 15 years down to a depth of 800 metres below surface shows that several higher-grade copper-gold zones do extend to depth beneath or along strike from the Giant, Nugent and Emily Star open pits. The analysis of the drill hole database also shows there is a lack of drilling below and along strike of the open pits to assess these higher-grade zones (Figure 1). Outside of these open pits the average depth of drilling is <120m below surface.

The copper and gold grade profiles for the Exploration Target have been defined based upon average grades of exploration diamond drilling within the target copper-gold zones, or the average grade of the appropriate MRE for the relevant zone.

The Nugent and Kavanagh targets have been updated to account for the recent Hillgrove drilling (ASX release 3 September 2020) and the 2022 MRE's. The West Kavanagh, Central Kavanagh, East Kavanagh, and Spitfire targets have been combined as "Kavanagh".

Invested Infrastructure

The importance of the existing infrastructure at the Kanmantoo Copper Mine cannot be over-emphasised in assessing the economic materiality of this Exploration Target. In particular:

The existing copper-gold processing plant at Kanmantoo that operates at a very efficient \$8.00/tonne milled at full capacity.

The risks associated with understanding copper and gold recovery and processing costs have been largely mitigated through the past 8 years of operation on the same ore types,

The in-pit haul road that extends from surface to over 350 metres below surface enables access to a majority of the Exploration Target without the need for extensive capital and time invested in underground decline advance and ventilation costs,

The extensive geotechnical database resulting from open pit mining since 2011,

The existing fully constructed and permitted Tailings Storage Facility, and

The existing granted Mining Lease and Environmental Permits

Exploration Activities

Drill testing of the Exploration Target is expected to commence in late March 2023 (ASX release 14 March 2023). The initial objective of the drilling will be to target both mine life extension opportunities down dip of the existing mine design, and additional lodes which may enable increased annual production.



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Authorised for release by the Board of Hillgrove Resources Limited.

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Competent Person's Statement

The information in this report that relates to Exploration Target and Exploration Results is based on and fairly represents information and supporting documentation compiled by Peter Rolley, a Competent Person, a full-time employee of Hillgrove Resources Limited, and a member of the Australian Institute of Geoscientists. Mr Rolley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves'. Mr Rolley consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Further information on the Kanmantoo UG Mineral Resources was released to the ASX on 11 May 2022 and 26 July 2022, which is also available on the Hillgrove Resources website at www.hillgroveresources.com.au

Hillgrove Resources confirms that it is not aware of any new information or data that materially affects the information included in that market announcement and, in the case of estimates of Mineral Resources and 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. Hillgrove Resources confirms that the form and context in which the findings of the Competent Persons (Peter Rolley in relation to the Exploration Target and to the Mineral Resource Estimates and Lachlan Wallace in relation to the Ore Reserve Estimates) are presented, have not been materially modified from the original market announcement.

APPENDIX A – JORC Table 1

Section 1 Sampling Techniques and Data

Criteria	Commentary						
Sampling		ation (RC) and dia and estimation.	mond drill hole (DD) samples collected by Hillgrov	e Resources personne	I have been used for the geo	ological	
techniques	Drill hole samp	oling was conduct	ed as per the Hillgrove Resources procedures and	QAQC protocols.			
	 Prilling: 2004 to 2007 drilling: A rig mounted 75/25 splitter was used to collect a bulk sample and smaller split sample (3-4kg) directly off the drill rig at 1m intervals. The split sample was then split down manually if required using a cone or riffle splitter to generate a sample of ~3kg. 1m intervals were assayed with samples being prepared by Genalysis Laboratories in Adelaide. Each sample was pulverised to ~95% passing -75μm and the remaining pulp shipped to Genalysis Perth for analysis. 2011 – 2012 drilling: 1m bulk samples were collected during drilling with smaller split samples (3-4kg) for assay being collected primarily using a cone or riffle splitter directly off the rig. Specific target intervals and/or samples exhibiting visible mineralisation were assayed at 1m intervals. All other sample intervals were composited (using spear sampling) to 4m intervals for assaying. On return of assay results, the 4m composite results were examined and any 4m composites returning an economic copper grade (>0.2%) were re-assayed using the original 1m samples (collected from original bulk sample using spear sampling to produce a representative 1.5kg to 3kg sample). Samples were prepared by ALS Adelaide with each sample being riffle split to a maximum size of 3kg then pulverised split to 85% passing 75μm or better and then shipped to ALS Perth for assay. 						
	Diamond core						
	 2004 – 2010 drilling: Core samples were sawn in half using a diamond core saw. A small percentage of core samples were sawn in quarters. Sampling was undertaken at 1m intervals or to geological boundaries as determined by the supervising geologist. Half or quarter core samples were sent for assay and the remaining core kept in core trays for future reference. Samples were prepared by Genalysis Laboratories in Adelaide using a jaw crusher to ~2mm. Each sample was then pulverised to ~95% passing -75 µm and the remaining pulp shipped to Genalysis Perth for assaying. 						
Drilling techniques	Drillhole Type	Drill Date	Bit Size	% Oriented	Orientation Method		
	Diamond	All	HQ from surface to fresh, then NQ to end of hole	97%	Spear		

	Commentary				
	D.C.	2004 & 2007	5.75"	NA	NA
	RC	2011 & 2012	4.5"	NA	NA
	Diamond core				
	2017 - 2023 drillir	ng:			
			half using a diamond core saw. A small percentag		
			or to geological boundaries as determined by the	e supervising geologist.	. Half or quarter core sam
	•	•	core kept in core trays for future reference.		
	-		ALS Laboratories in Adelaide using a jaw crusher t	-	was then pulverised to ~9
			llp shipped to ALS Perth for 4-acid digest ICP-MS		
	Drillhole Type	Drill Date	Bit Size	% Oriented	Orientation Method
	Diamond	2017 - 2023	HQ pre-collar from surface to 200m depth	97%	ACE Tool
			NQ from pre-collar to EOH		
			Up to 12 wedges per parent hole		
Drill sample	RC Drilling:				
recovery	Sample recovery or the occurrence of wet samples is not recorded in the drill hole database although communications with Exploration				
	Personne	el and field observa	tions indicate that sample recovery or wet samp	les were rarely a probl	em.
	Diamond Core:				
	Diamond Core:				
	Diamond Core: • Diamond	core recovery is re	ecorded by Hillgrove Field Technicians during me	tre marking and orient	ration of all holes. Results
	• Diamond	•	ecorded by Hillgrove Field Technicians during me erage recovery rate of 99%. Core loss generally o	_	
	 Diamond good rec 	overies with an ave	ecorded by Hillgrove Field Technicians during me grage recovery rate of 99%. Core loss generally of ore loss at depth is generally associated with a lo	ccurs in the upper sect	ions of holes throughout t
	 Diamond good recand trans 	overies with an ave	erage recovery rate of 99%. Core loss generally or ore loss at depth is generally associated with a lo	ccurs in the upper sect	ions of holes throughout t
	 Diamond good rec and trans interval r 	overies with an avestitional material. Corepresents a shear	erage recovery rate of 99%. Core loss generally or ore loss at depth is generally associated with a lo or fault zone.	ccurs in the upper sect w Rock Quality Design	ions of holes throughout tation (RQD) value, sugges
Logging	 Diamond good rec and transinterval r All RC chips an 	overies with an ave sitional material. Co epresents a shear d diamond core we	erage recovery rate of 99%. Core loss generally or ore loss at depth is generally associated with a lo or fault zone. ere logged for lithology, alteration, weathering an	ccurs in the upper sect w Rock Quality Design nd mineralisation by H	ions of holes throughout to ation (RQD) value, sugges illgrove Geologists in acco
Logging	 Diamond good rec and transinterval r All RC chips an Hillgrove's Cor 	overies with an aversitional material. Corepresents a shear of diamond core were Logging Procedu	erage recovery rate of 99%. Core loss generally of ore loss at depth is generally associated with a lo or fault zone. ere logged for lithology, alteration, weathering ar re. Colour and any additional qualitative commer	ccurs in the upper sect w Rock Quality Design nd mineralisation by H nts were also recorded	ions of holes throughout ation (RQD) value, sugges illgrove Geologists in acco
Logging	 Diamond good rec and transinterval r All RC chips an Hillgrove's Cor 99% of all dian 	overies with an avestitional material. Corepresents a shear of diamond core we be Logging Proceduriond holes have be	erage recovery rate of 99%. Core loss generally of ore loss at depth is generally associated with a lo or fault zone. ere logged for lithology, alteration, weathering ar re. Colour and any additional qualitative commer ten geotechnically logged and the majority also h	ccurs in the upper sect w Rock Quality Design and mineralisation by H ants were also recorded have magnetic susception	ions of holes throughout ation (RQD) value, sugges illgrove Geologists in accol.
Logging	 Diamond good rec and transinterval r All RC chips an Hillgrove's Cor 99% of all diam All diamond co 	overies with an aversitional material. Corepresents a shear of diamond core we be Logging Procedumond holes have be ore trays were photographs.	erage recovery rate of 99%. Core loss generally of ore loss at depth is generally associated with a loor fault zone. ere logged for lithology, alteration, weathering are. Colour and any additional qualitative commercen geotechnically logged and the majority also hographed before sampling and these photograples.	ccurs in the upper sect w Rock Quality Design and mineralisation by H ants were also recorded have magnetic susception	ions of holes throughout ation (RQD) value, sugges illgrove Geologists in accol.
Logging	 Diamond good recand transinterval r All RC chips an Hillgrove's Cor 99% of all diam All diamond co Both drill core 	overies with an aversitional material. Corepresents a shear of diamond core were Logging Proceduriond holes have before trays were photoand RC chip trays a	erage recovery rate of 99%. Core loss generally of ore loss at depth is generally associated with a loor fault zone. ere logged for lithology, alteration, weathering are. Colour and any additional qualitative commercen geotechnically logged and the majority also hographed before sampling and these photographere stored on site in a core yard facility.	nd mineralisation by Honts were also recorded have magnetic susceptions are stored on the Honts are st	ions of holes throughout ation (RQD) value, sugges illgrove Geologists in accol. bility readings at 1m inte illgrove server.
Logging	 Diamond good rec and transinterval r All RC chips an Hillgrove's Cor 99% of all diam All diamond co Both drill core All geological I 	overies with an aversitional material. Corepresents a shear of diamond core we be Logging Procedurion holes have be ore trays were photoand RC chip trays a logging and magnetic strong and magnetic strong to the core trays were photoand RC chip trays a logging and magnetic strong trays and RC chip trays a logging and magnetic strong trays and magnetic strong trays and magnetic strong trays and RC chip trays a logging and magnetic strong trays and magnetic strong trays and magnetic strong trays are strong trays and magnetic strong trays and magnetic strong trays are strong trays.	erage recovery rate of 99%. Core loss generally of ore loss at depth is generally associated with a loor fault zone. ere logged for lithology, alteration, weathering are. Colour and any additional qualitative commercen geotechnically logged and the majority also hographed before sampling and these photograples.	ccurs in the upper sectors Rock Quality Design and mineralisation by Honts were also recorded have magnetic susceptions are stored on the Hill displayed manually using a page	ions of holes throughout ation (RQD) value, sugges illgrove Geologists in accol. bility readings at 1m integrove server.

Criteria	Commentary
Sub-sampling techniques and sample preparation	 Sub-sampling as described in the "Sampling Techniques" section above. Diamond holes Sub-sampling as described in the "Sampling Techniques" section above. Field Duplicates were collected via manual splitting of the bulk sample with a riffle or cone splitter if available or by spear sampling. All field duplicates for drilling from 2011 onwards were collected using spear sampling. Analysis of the field duplicate results indicates that this method of duplicate sample collection is satisfactory. Hillgrove have detailed sampling and QAQC procedures in place to ensure sample collection is carried out to maximise representivity of the samples and minimise contamination.
Quality of assay data and laboratory tests	 Pre 2011, all samples were submitted to Genalysis for analysis. Gold was determined by fire assay by flame AAS (FA50) and copper analysed via a mixed acid digest (method AT) with determination by Optical Emission Spectrometry (OES). If the copper result was greater than 1%, the analysis was repeated using a slightly modified mixed acid digestion technique (method AX). Post 2011 samples were submitted to ALS Perth for assaying by four acid digest with Atomic Absorption Spectroscopy (AAS) and gold was analysed via fire assay and Atomic Absorption Spectroscopy (AAS). Approximately 20% of the total samples used for this estimation were assayed using a double acid aqua regia digest with an ICPOES finish (a method which does not guarantee complete dissolution of sample). A re-assay program was undertaken in 2011 which detected no bias between the results of the double acid aqua regia digest and the mixed acid digestion results. The QAQC of sample preparation and analysis processes were via the following samples: Certified reference materials (CRMS) inserted into the sample sequence at a frequency of one in 20. Field duplicates inserted at a rate of one in every 20 samples. Blanks inserted at a rate of one in every 20 samples. Laboratory QAQC samples were inserted with a minimum of two standards and one blank for every batch of 40 samples. Hillgrove's Quality policy is that at a minimum of 5% of all samples are CRM's, 5% of samples submitted are blanks and 5% of samples submitted are field duplicates thus ensuring that as a minimum, 15% of all samples submitted for analysis are QAQC samples. Results from all returned QAQC samples provide reasonable confidence as to the accuracy of the assay results used in the estimation. Field duplicates show a good correlation with original sample results and in general most CRM results fall within the expected ranges.
Verification of sampling and assaying	 Umpire laboratory checks were undertaken during 2008 and 2011 with no significant issues identified. There have been no twinned holes drilled for the Kanmantoo Copper Mineral Resource. Primary sample data is captured in the field onto paper templates and then entered electronically into Excel templates and stored on the Hillgrove server. The Excel templates were then imported into the SQL database using data entry procedures and database import tools. Data was visually checked by the Geologist prior to import and additional validation was carried out by the database upon import.

Criteria	Commentary
	Copper results were reported in ppm units from the laboratories and then converted to a % value within the database.
Location of data points	 The map projection of Map Grid of Australia 1994 - Zone 54, (MGA94-54) was used all work undertaken for this Mineral Resource. Hillgrove drilling was planned and set-out using the local Kanmantoo Mine Grid and then transformed to MGA94-54 for the Resource estimation. The Kanmantoo local grid is oriented at +10° to MGA94_Zone 54 – (i.e. local grid North equates to 010° MGA94_Zone 54). Within the database the relative level (RL) has been calculated as RL+1000m to ensure no negative RL values within the dataset. The topographic surfaces used in the estimation have accuracy in the z direction of approximately +/-1m for the majority of the block model area due to the use of lower resolution contours outside the direct mine areas. The source of the contours used outside of the Mining area was sourced from a mix of 2008 flyover data and other Surveys performed prior to Nov 2008. The Kanmantoo Mine area and immediate surrounds have +/-20mm accuracy as this area is updated by the Hillgrove Surveyors regularly using a DGPS (Trimble R8 GNSS Model 3 using kinematic option). Pre-2011, all drill hole collars were surveyed by Engineering Surveys Pty Ltd (Adelaide) using DGPS. All pick-ups were reported in MGA94-54 coordinate system and converted to local grid. Post-2011, all drill hole collars surveyed using DGPS (Trimble R8 GNSS Model 3 - kinematic option) by onsite Hillgrove Surveyors. The accuracy of this instrument is 10mm in the horizontal plane and 20mm in the vertical. All pick-ups were reported in MGA94-54 coordinate system and converted to local grid. Downhole surveys were determined using a variety of methods including Gyro tool, Camteq, Digital downhole cameras, Eastman single shot camera and Compass Clinometers. For all pre-2010 holes initial surveys were completed with either a conventional Eastman single shot camera or digital down hole survey tools and then the majority of drill holes were re-surveyed using a Gyro tool. A
Data spacing and distribution	 Drilling was completed throughout the deposit on a variable section spacing of between 15 m to 40m and an on-section collar spacing of between 10 m and 50m. The variable drill spacing both along strike and on-section was considered during resource classification; mineralisation estimated on broader spaced drilling was given a lower confidence classification than mineralisation estimated using tighter spaced drilling. All samples were composited to 2m lengths prior to geostatistical analysis and Mineral Resource estimation.
Orientation of data in relation to geological structure	 The majority of holes are angled drill holes (dipping between -55º and -75º) drilled from east to west. Predominantly the main mineralised lenses dip steeply to local grid east, therefore east-west orientated drill holes and section provide as close to practicable "true width", representative intersections of lithology and mineralisation. Whilst some mineralised lenses, most notably the Nugent Zone are somewhat oblique to the general 010º strike of the mineralised zones, these lenses still generally exhibit a steep easterly dip and their orientation is not considered to have introduced any sampling bias material to the Resource estimation.

Criteria	Commentary
Sample security	 RC samples – A Hillgrove employee is present for the collection of samples off the rig and is also responsible for collecting and organising the samples ready for assay. Hillgrove has a detailed sample collection/submission procedure in place to ensure sample security. Assay samples are collected from the rig at the end of each day by Hillgrove Field Technicians, sealed in large plastic bags and placed at the Exploration office ready for pick up by courier. Check sheets detailing all samples for a specific batch are generated prior to the samples leaving site. DD samples – A Hillgrove employee is responsible for picking up the completed core from the rig at the end of each day and moving it to the core yard ready for processing. Hillgrove Field Technicians and geologists are then responsible for all core movements through to sampling and preparing for transport to the preparation facility. Sample transport is by dedicated road transport to the sample preparation facility. All samples are transported in sealed plastic bags and are accompanied by (either paper form or by email) a detailed sample submission form generated by the Field Technician. On receiving a batch of samples, the receiving laboratory checks received samples against a sample dispatch sheet supplied by Hillgrove personnel. On completion of this check a sample reconciliation report is provided for each batch received.
Audits or reviews	 Core logging and sampling methods were reviewed by Runge in 2008 and were considered to be of a very high standard (report: Mineral Resource Estimate Kanmantoo Copper Deposit South Australia, Feb 2008).

Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	 The Kanmantoo Copper Deposit is situated 55kms south-east of Adelaide on Mining Lease (ML) 6345 and is owned 100% by Hillgrove Resources Limited (HGO). The Mining Lease overlies freehold land also held by Hillgrove Resources. There are no Native Title interests, nor are there any historical or environmental issues considered material to this Mineral Resource.
Exploration done by other parties	 The Kanmantoo Copper Deposit has a long history of exploration and mining dating back to the mid-19th century. In 1962, Mines Exploration Pty Ltd discovered a number of strong geophysical anomalies which were quickly followed up by a large diamond drilling program of 15,800m. The results of this program led to a decision to begin mining in 1968. Hillgrove Resources commenced exploration drilling in 2004 and since then have completed a number of exploration drill campaigns which have resulted in extensions and additions to the known deposit. Open pit mining commenced in early 2011 and processing of open pit ore was completed in 2020. Blast hole sampling was used to delineate the Cu zones for open pit mining and reconciliation of the mined and milled material shows excellent correlation.
Geology	• Mineralisation occurs as a complex system of structurally controlled veins, with mineralisation typically forming pipe-like bodies and lenses of chalcopyrite, pyrrhotite, +/- pyrite, +/-magnetite, within a quartz + biotite + and alusite + garnet + chlorite schist host rock. Structural studies suggest the main controls on the mineralisation are north-south striking shear zones and north-north-east/north-east striking cross-shears and tension veins.
Drill hole Information	No new drill holes are quoted in this release.
Data aggregation methods	No data aggregation or equivalent calculations
Mineralisation widths and intercept lengths	No new intersections reported in this release.
Diagrams	Diagrams that are relevant to this release have been included in the body of the release.
Balanced reporting	All zones comprising the Exploration Target have been reported in this release.
Other exploration data	There is no other exploration data used in approximating the Exploration Target.
Further work	The Company is undertaking a drilling program to continue testing the Exploration Target.