ASX & Media Release

2 March 2021

ASX Symbol

GRL

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Issued Capital

Fully Paid Ordinary Shares
84,104,443

Unlisted options exercisable at $0.25
20,000,000

exercisable at $0.20
27,714,409

ACN 633 779 950

PORPHYRY STYLE MINERALISATION CONFIRMED AT TURRAWONGA PROSPECT

- **Assays received and alteration logging from diamond-cored tails drilled at the Turrawonga Prospect on the Copper Hill East Project, reconfirm gold-copper porphyry style mineralisation, following the initial discovery in late 2020**
- **Drill holes intersected multiple intrusions, zones of strong magnetite and pyrite associated with chlorite-epidote-albite alteration, with variably disseminated chalcopyrite and occasional bornite characteristic of a propylitic alteration zone periphery to porphyry-related gold-copper mineralisation**
- **Results include 20m @ 0.06g/t gold & 0.07% copper from 499m in CHEDD013 which, while low tenor confirm a significant hydrothermal system**
- **A deep penetrating Induced Polarisation (IP – MIMDAS) survey has commenced at the Turrawonga Prospect. The survey has been designed to map the extent of a pyrite-bearing phyllic alteration halo, and to assist in providing vectors to copper-gold mineralised potassic targets for the next phase of drilling**

Godolphin Resources Ltd (ASX: GRL) ("Godolphin") is pleased to announce further assay results from drilling at the Turrawonga Prospect on the Copper Hill East ("CHE") Project. In late 2020 four reverse circulation (RC) drill holes were completed at the Turrawonga Prospect two of which had significant results of **32m @ 0.29g/t gold & 0.13% in CHERC012** and **30 metres @ 0.64g/t gold & 0.04% in CHERC013** (see ASX announcements of 20 Oct 2020 & 21 Dec 2020). Both RC holes intersected abundant chlorite, magnetite and pyrite propylitic style alteration indicating likely zoning proximal to porphyry-related gold-copper mineralisation.

The RC drill programme was followed up with two diamond tails in RC holes CHERC012 & CHERC013 aimed at generating further geological data, and again intersected intrusions displaying typical porphyry-related propylitic alteration, with strong chlorite and pyrite and variably disseminated chalcopyrite and bornite mineralisation.

Low tenor, but anomolous assay results were returned from the diamond tails on the RC drill holes, including **20m @ 0.06g/t gold & 0.07% copper from 499m in CHERD013.** The extensive inner propyllitic altered monzonite to monzodiorite dykes (chlorite-epidote-albite-magnetite +hematite), along with the anomalous assay results, confirm proximity to a porphyry related hydrothermal system.

Copper Hill East – EL8556 (GRL 100% ownership)

The highly prospective Copper Hill East (CHE) Project is located 35 km north of Orange in the Molong Volcanic Belt. The 2019 Boda porphyry gold-copper discovery by Alkane Resources Ltd, which is located approximately 60 km to the north of CHE, highlights the potential of Copper Hill East given the similar geological setting. Newcrest's giant Cadia-Ridgeway operation is located approximately 55 km to the south.

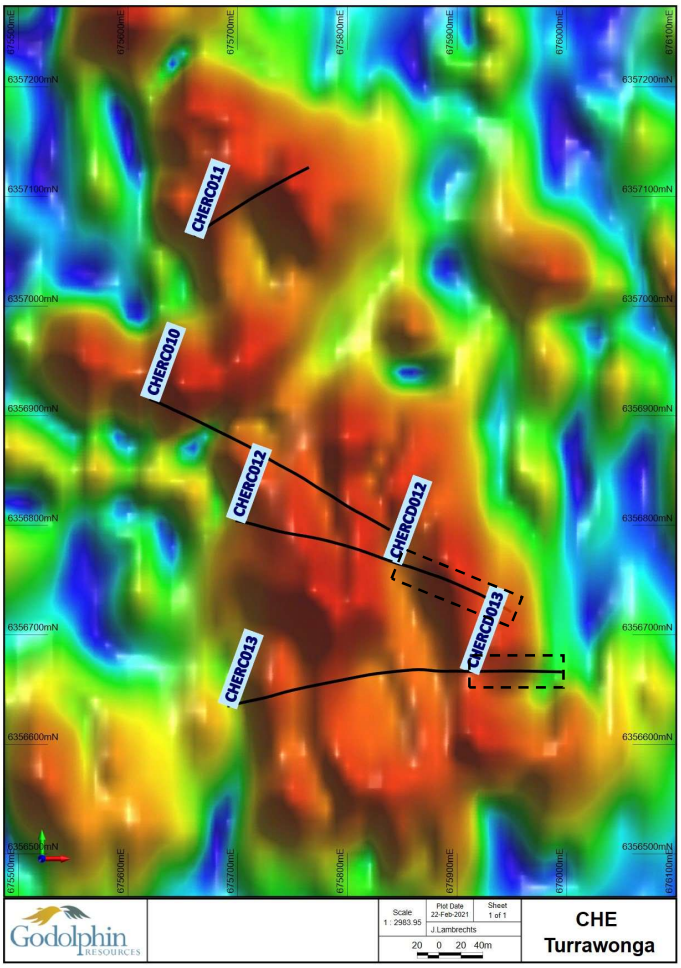

Figure 1: Plan showing the drillhole locations on Turrawonga

Previous Drill Programmes at Turrawonga Prospect

Four RC drill holes were completed at the Turrawonga Prospect in 2020, testing gold-copper-in-soil and magnetic anomalies in the north of CHE (Figure 1) for porphyry gold-copper style mineralisation.

Assay results received for two of the four RC drill holes (CHERC012 and 13) included significant results of 32m @ 0.29g/t gold and 0.13% copper from 210 metres in CHERC012 (ASX release 20 October 2020) and 30m @ 0.64g/t gold and 0.04% copper from 178m in CHERC013 (ASX release 21 December 2020).

The occurrence of abundant pyrite and magnetite associated with chlorite-epidote-albite, typical of a inner propylitic alteration zone, along with disseminated and quartz vein hosted chalcopyrite ± bornite, indicates that CHERC012 and CHERC013 intersected a porphyry-related hydrothermal system. The significance of these initial results at the Turrawonga Prospect led Godolphin to expedite the drilling of diamond tails into these two holes to obtain further geological data to better define the system's mineral zonation, and to target economic gold-copper mineralisation in a porphyry-proximal potassic alteration zone.

Assay Results for Diamond-cored tails to CHERC012 & CHERC013.

Results have been received for the diamond tails extending RC drill holes CHERC012 & CHERC013. The best assay results were received in CHERC013 of **20m @ 0.06g/t gold & 0.07% copper from 499m** which, while low tenor, suggest a fertile hydrothermal system.

Full assay results are shown in Appendices 2 & 3**.** Extensive pyrite, magnetite and hematite alteration was recognised in the diamond-cored tails. Extending drill holes CHERC012 and CHERC013 has confirmed that a very large porphyry related hydrothermal system has been intersected at the Turrawonga Prospect. The results to date indicate the drill holes intersected an inner propyllitic alteration zone peripheral to porphyry-related gold-copper mineralisation and provide vectors to target the mineralised potassic core of the system. The host rocks are basaltic andesite volcanics and volcaniclastics.

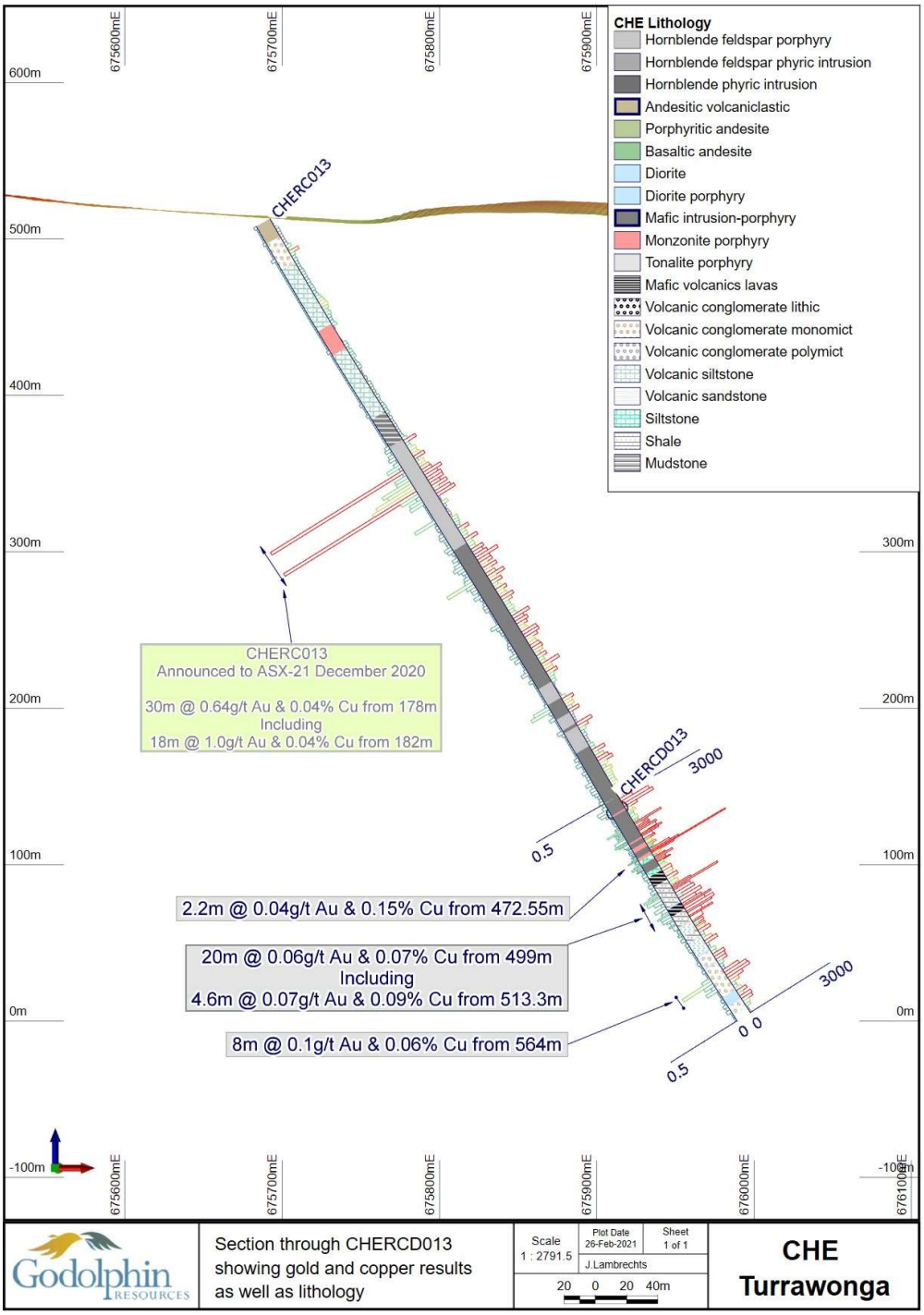

Figure 2:East-west oriented section, looking north, for drill hole CHERCD013 which shows lithology (hatch pattern), Au ppm (left hand side) and Cu ppm (right hand side).

Current and Future Work at Turrawonga - IP Survey in Progress

Structural and lithological contact measurements were collected from the oriented drill core and analysed to determine trends of veins, faults and intrusions. The data revealed multiple orientations with no definitive trend of the mineralised intrusions. While multiple vein orientations have been reported in some porphyry-related gold-copper deposits additional drill data at the Turrawonga Prospect will assist in the development of a structural model.

Analysis of satellite-based hyperspectral data (VNIR, SWIR & LWIR from the Japanese ASTER satellite) by a consultant, identified several characteristic features which help corroborate the alteration zonation data gathered from the drill holes, and identified encouraging features on surface that may vector towards a gold-copper mineralised, porphyry-related potassic zone. These features include a semi circular pyrite alteration signature in the satellite hyperspectral multi-spectral data which coincides with the topographic high ground of the area. An albite signature is also evident in the vicinity, validating the alteration signature found in the drill core and the overall propylitic signature of the area. It is worth noting that satellite hyperspectral data does not identify pyrite as such, and that the hyperspectral pyrite map was generated by a consultant specialising in satellite hyperspectral work, using LWIR and comparing several proxy minerals to a spectral library created by Johns Hopkins University under laboratory conditions. Ground truthing and mapping completed by GRL have confirmed surface outcrop of pyrite bearing rocks in the area identified by the spectral pyrite map. The combination of the hyperspectral and drill data suggest possible vectors to a gold-copper mineralised potassically altered core target located to the west and south-west of the current drill intercepts. Actinolite has also been identified by the SWIR Aster hyperspectral data, and is found spatially inside the pyrite zone mentioned above and indicated in Figure 3. Actinolite is associated with the outer potassic alteration zone of porphyry gold-copper deposits such as Cadia-Rideway, NSW (Wilson et al, 2003) and Wafi-Golpu, PNG (Rinne et al., 2018) and its presence is highly encouraging, providing a real target for the next phase of exploration.

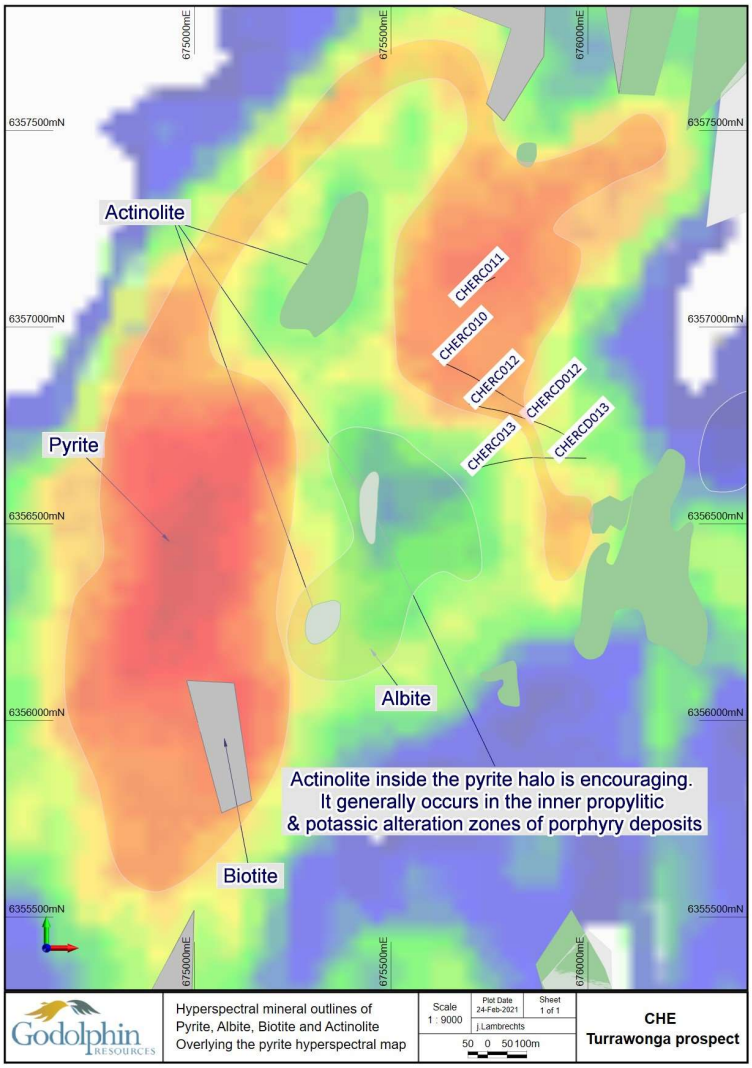

Figure 3: Map displaying the Turrawonga hyperspectral mineral mapping, in particular interpreted actinolite

A deep penetrating IP – MIMDAS survey was designed using the above mentioned information and is currently underway at Turrawonga. The survey has been designed to map pyrite, possibly associated with phyllic alteration, which may provide vectors towards a central gold-copper mineralised potassic alteration target.

A soil survey was completed at Turrawonga in January 2021 to infill areas adjacent to the magnetic anomaly recently tested by drilling, with results awaited.

Results from the IP - MIMDAS survey and infill soil programme will be used to plan a further phase of follow up drilling at Turrawonga.

About Godolphin Resources

Godolphin Resources ("Godolphin" – ASX: GRL) is an ASX listed resources company, with 100% controlled Australian-based projects in the Lachlan Fold Belt (LFB) of NSW, a world-class gold-copper province. Currently the Company's tenements cover 3,200km^2 of highly prospective ground focussed on the Lachlan Transverse Zone, one of the key structures which controlled the formation of gold and copper deposits within the LFB, the Godolphin Fault and the Molong Volcanic Belt. The Gundagai projects are associated with a splay off the Gilmore Suture, a major structure which has influenced the locations of gold-copper mines in NSW. The Orange-based Godolphin team is rapidly and rigorously exploring its tenement package with focussed, cost effective exploration leading to systematic drill programmes.

This market announcement has been authorised for release to the market by the Board of Godolphin Resources Limited.

For further information regarding Godolphin, please visit godolpinresources.com.au or contact:

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Competent Person Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Johan Lambrechts, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Lambrechts is a full-time employee of Godolphin Resources Limited, a shareholder, and 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 Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Lambrechts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix 1 – JORC Code, 2012 Edition, Table 1 report

Section 1 Sampling Techniques and Data (Criteria in this section applies to all succeeding sections)

Criteria	JORC Code explanation	Commentary

Sampling techniques	• Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.
	• Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.
	
	Aspects of the determination of mineralisation that are Material to the Public Report.
		• All holes were sampled on a geological interval basis.
		  ○ Each interval was geologically logged, and sample intervals determined using geological contacts.
		  ○ Each sample was cut in half, with one half sent for assay analysis and the other stored for future use.
		
		• Some intervals was scanned with a Niton XRF scanner and the data recorded. NOTE: The XRF scanner does not record gold values and the data collected was not used for reporting purposes, but rather to inform the geologist of potential increase of trace element values.
		
		• All intervals were logged and recorded in GRL's standard templates and saved in the company database. Data includes: from and to measurements, colour, lithology, magnetic susceptibility, structures etc. Visible mineralisation content was logged as well as alteration and weathering.

Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details.	• Orientated diamond drilling (DD) with NQ core size using a triple tube and hole dip of 60° was used during this drilling program.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	• Drill core recovery was determined by comparing the drilled length of each interval with the physical core in the tray. The drill depth and drill run length data is recorded on the core blocks by the drilling company and checked by GRM geologists. ○ Overall estimated recovery was high.
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	• The drill core was logged by a GRL Geologist. The log includes detailed datasets for: Lithology, Alteration, Mineralisation, Veins, Structure, Geotechnical logs, magnetic susceptibility and XRF. • The data is logged by a qualified geologist and is suitable for use in any future geological modelling, resource estimation, mining and/or metallurgical studies.
Sub-sampling techniques and sample preparation	• For all sample types, the nature, quality and appropriateness of the sample preparation technique. •	• Sample intervals were marked by the geologist using the lithology as guide. Sample lengths are not equal, but an average length of 1.5m was obtained for this program. The NQ core was split using a core saw and one half of each sample interval sent for assay analysis. • QAQC was employed. A standard, blank or duplicate sample was inserted into the sample stream at regular intervals and also at specific intervals based on the geologists discretion. Standards were quantified industry standards. Sample sizes are appropriate for the nature of mineralisation.
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie	• All GRL samples were submitted to Bureau Veritas laboratories in Adelaide. • The samples were sorted, wet weighed, dried then weighed again. Primary preparation involved crushing and splitting the sample with a riffle splitter where necessary to obtain a sub-fraction which was pulverised in a vibrating pulveriser. All coarse residues have been retained. • The samples have been analysed by firing a 50 g (approx) portion of the sample. Lower sample weights may be employed for samples with very high sulphide and metal contents. This is the classical fire assay process and will give total separation of Gold, Platinum and Palladium in the sample. Au, Pd, Pt have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.

	lack of bias) and precision have been established.	• The lab routinely inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring. • GRL also inserted QAQC samples into the sample stream as mentioned above. • All of the QAQC data has been statistically assessed and if required a batch or a portion of the batch may be re-assayed. (no re-assays required for the data in the release).
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• The lab routinely inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring. • GRL also inserted QAQC samples as mentioned above • All of the QAQC data has been statistically assessed. GRL has undertaken its own further review of QAQC results of the BV routine standards through a database consultancy, 100% of which returned within acceptable QAQC limits. This fact combined with the fact that the data is demonstrably consistent has meant that the results are considered to be acceptable and suitable for reporting.

Location of data points	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	• Collar Survey
		  • Collars were surveyed to within 30cm accuracy using a Trimble GPS.
		• Down Hole Survey
		  • Down hole surveys were conducted using a Boart Longyear down hole camera with readings taken at 30m intervals.

Data spacing and distribution	• Data spacing for reporting of Exploration Results. • Is spacing and distribution sufficient to establish the degree of geological and grade continuity appropriate for the RM estimation procedure(s) and classification • Whether sample compositing has been applied.	The exploration on this prospect is in its early stages. Data spacing and orientation requirements are still being determined.
Orientation.r.t geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	• These are the first drill holes in this prospect and thus their orientation w.r.t. the mineralization is not known.
Sample security	• The measures taken to ensure sample security.	• All core was collected and accounted for by GRL employees/consultants during drilling. All logging was done by GRL personel. All samples were bagged into calico bags and transported to the lab using a courier service. • The appropriate manifest of sample numbers and a sample submission form containing laboratory instructions were submitted to the laboratory. Any discrepancies between sample submissions and samples received were routinely followed up and accounted for.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• No Audits have been conducted on the historic data to our knowledge.

Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.*	Copper Hill East • Copper Hill East is comprised of tenement EL8556 located approximately 12 Km north-west of the town of Molong and 25 km north of Orange in central NSW. Access to the area is by sealed and gravel roads and a network of farm tracks from the towns of Cumnock, Molong and Orange and has an elevation of between 400m and 600m above sea-level. • The exploration rights to the project are owned 100% by the Godolphin Resources through the granted exploration license EL8556. • Security of $19,000 is held by the Department of Planning and Environment in relation to EL8556
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Past exploration has been completed by other parties. • GRL may be contacted to obtain a list of past exploration.
Geology	• *Deposit type, geological setting and style of mineralization.*	Copper Hill East • Geology The northern portion of the tenure straddles the Molong Volcanic Belt of the Ordovician Macquarie Arc and comprises of the Ordovician rocks of the Fairbridge Volcanics and Oakdale Formation. The units strike north-south and dip and young to the west. The Fairbridge Volcanics represent Phase 2 magmatism of the Macquarie Arc and, in the Molong region, show a well-defined upwards compositional change from medium and high-K calc-alkaline andesitic and basaltic volcaniclastics and lavas at the base, through pillowed high-K calc-alkaline to shoshonitic basalts and basaltic andesites. At the Copper Hill prospect, located just to the south west of Copper Hill East (EL8556), the Fairbridge Volcanics are intruded by the Phase 3 Copper Hill intrusive dacite complex. The southern portion of the tenement is made up of the Late Ordovician Oakdale Formation which occurs towards the west of the tenure. This unit consists of mafic to intermediate, cherty and volcaniclastic siltstones and sandstones, intercalated with lesser lavas, intrusives, volcaniclastic conglomerates of mass flow origin and minor chert and black shale. The sequence is interpreted as being deposited in a relatively deep basin environment. The youngest unit within the tenement is the Devonian Cunningham Formation (Dn) located to the east forming the final phase of infill of the Hill End Trough
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*	

HoleID	Hole_ Type	Depth	Lease ID	OrigGridID	MGA_East	MGA_North	MGA_ RL	Dip	MGA_ Azi
CHERCD 012	Diamond tail	626.8	EL8556	MGA94_55	675698.3	6356804	517	-60	100
CHERCD 013	Diamond tail	594.6	EL8556	MGA94_55	675690.7	6356635	512.9	-60	74.9

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	• No grade aggregation, weighting, or cut-off methods were used for this announcement.
Relationship between	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature*	• Early stage exploration means that these relationships are unknown. .

Criteria	JORC Code explanation	Commentary
mineralization widths and intercept lengths	*should be reported.*	
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Maps incorporated into the announcement.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of results.*	• Results reported in this announcement have associated "from" and "to" depth to highlight their location down hole. The results reported in this announcement are not currently used in any estimation calcualtions. • NOTE: If more detailed results are required, a request can be made to GRL.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• GRL have completed soil geochemical sampling as well as a ground magnetic study on this prospect.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• Further soil Geochem results awaited. (collected January 2021) • MIMDAS survey in progress.

Appendix 2: Table of the assay results of CHERCD012.

Hole_id	From	To	Sample #	Au_ppm	Cu_ppm	Mo_ppm	Ag_ppm
CHERCD012	326	328	GRD03234	0.02	162	1.1	0.12
CHERCD012	328	330	GRD03236	0.02	142	1.3	0.08
CHERCD012	330	331	GRD03237	0.06	95.5	0.8	0.08
CHERCD012	331	333.8	GRD03238	0.02	146	0.8	0.13
CHERCD012	333.8	334.35	GRD03239	0.03	181	0.9	0.11
CHERCD012	334.35	336	GRD03240	0.04	189	1	0.09
CHERCD012	336	337	GRD03241	0.04	397	0.7	0.08
CHERCD012	337	338	GRD03242	0.02	414	1.3	0.08
CHERCD012	338	339.4	GRD03243	0.06	214	2.1	0.1
CHERCD012	339.4	340.65	GRD03244	0.04	285	1.1	0.6
CHERCD012	340.65	342	GRD03246	0.03	133	1.5	0.15
CHERCD012	342	343.4	GRD03247	0.03	244	1	0.12
CHERCD012	343.4	344	GRD03248	0.04	287	2	0.1
CHERCD012	344	346	GRD03249	0.04	213	1.4	0.13
CHERCD012	346	347.15	GRD03250	0.05	262	1.7	0.16
CHERCD012	347.15	348.5	GRD03251	0.04	241	2.1	0.1
CHERCD012	348.5	349.7	GRD03252	0.08	262	2.4	0.09
CHERCD012	349.7	350.6	GRD03253	0.02	185	2.1	0.07
CHERCD012	350.6	353	GRD03254	0.01	51	0.8	0.06
CHERCD012	353	355	GRD03256	0.03	175	2.8	0.1
CHERCD012	355	357	GRD03257	0.03	170	1.8	0.12
CHERCD012	357	359	GRD03258	0.03	199	2.8	0.11
CHERCD012	359	361	GRD03259	0.02	291	2.7	0.11
CHERCD012	361	363	GRD03260	0.02	161	3.7	0.08
CHERCD012	363	365	GRD03261	0.02	189	4.1	0.08
CHERCD012	365	367	GRD03262	0.02	191	6.1	0.1
CHERCD012	367	369	GRD03263	0.03	290	4	0.13
CHERCD012	369	371	GRD03264	0.02	228	4.9	0.08
CHERCD012	371	373	GRD03266	0.03	515	5	0.19
CHERCD012	373	375	GRD03267	0.03	234	2.6	0.11
CHERCD012	375	377	GRD03268	0.02	261	2	0.09
CHERCD012	377	379	GRD03269	0.03	248	3.1	0.11
CHERCD012	379	381	GRD03270	0.03	378	3.6	0.12
CHERCD012	381	383	GRD03271	0.07	396	2.7	0.11
CHERCD012	383	385	GRD03272	0.07	249	2.4	0.13
CHERCD012	385	387	GRD03273	0.05	256	1.4	0.09
CHERCD012	387	389	GRD03274	0.06	247	1.4	0.11
CHERCD012	389	391	GRD03276	0.04	317	1.5	0.15
CHERCD012	391	393	GRD03277	0.04	273	4.9	0.1
CHERCD012	393	395	GRD03278	0.07	396	7.1	0.13
CHERCD012	395	397	GRD03279	0.02	194	8.1	0.1
CHERCD012	397	399	GRD03280	0.02	167	6.3	0.08
CHERCD012	399	401	GRD03281	0.05	202	5.3	0.08
CHERCD012	401	403	GRD03282	0.06	258	3.9	0.11
CHERCD012	403	405	GRD03283	0.06	282	3.2	0.12
CHERCD012	405	407	GRD03284	0.04	212	4	0.1
CHERCD012	407	409	GRD03286	0.04	261	4.5	0.12
CHERCD012	409	411	GRD03287	0.06	159	4.5	0.09
CHERCD012	411	413	GRD03288	0.03	27.5	5.1	0.03
CHERCD012	413	415	GRD03289	0.02	21	2.4	0.04
CHERCD012	415	417	GRD03290	0.02	40.5	2.7	0.03
CHERCD012	417	419	GRD03291	0.01	19.5	4.8	0.05
CHERCD012	419	421	GRD03292	0.01	13	2.7	0.04
CHERCD012	421	423	GRD03293	0.03	266	1.5	0.06
CHERCD012	423	425	GRD03294	0.04	229	1.2	0.09
CHERCD012	425	427	GRD03296	0.02	97	1.4	0.06
CHERCD012	427	429	GRD03297	0.02	149	2.9	0.06
CHERCD012	429	431	GRD03298	0.04	247	2.1	0.13
CHERCD012	431	433	GRD03299	0.05	427	2.2	0.16
CHERCD012	433	435	GRD03300	0.09	175	2.6	0.12
CHERCD012	435	437	GRD03301	0.03	175	3.4	0.08
CHERCD012	437	439	GRD03302	0.06	91	2.6	0.07
CHERCD012	439	441	GRD03303	0.02	148	3.4	0.06
CHERCD012	441	443	GRD03304	0.02	222	3.7	0.09
CHERCD012	443	445	GRD03306	0.03	220	3.1	0.11
CHERCD012	445	447	GRD03307	0.02	42.5	3.1	0.07
CHERCD012	447	449	GRD03308	0.02	75.5	3.4	0.07
CHERCD012	449	451	GRD03309	0.01	106	3.6	0.07
CHERCD012	451	453	GRD03310	0.02	134	2.5	0.05

Hole_id	From	To	Sample #	Au_ppm	Cu_ppm	Mo_ppm	Ag_ppm
CHERCD012	453	455	GRD03311	0.02	134	2	0.07
CHERCD012	455	457	GRD03312	0.03	224	3.6	0.1
CHERCD012	457	459	GRD03313	0.03	234	2.2	0.13
CHERCD012	459	460	GRD03314	0.02	104	4.9	0.1
CHERCD012	460	461	GRD03316	0.02	174	2.3	0.15
CHERCD012	461	462	GRD03317	0.01	175	2.2	0.09
CHERCD012	462	463	GRD03318	0.02	237	3.1	0.07
CHERCD012	463	465	GRD03319	0.02	220	3	0.04
CHERCD012	465	467	GRD03320	0.01	143	1.8	0.05
CHERCD012	467	469	GRD03321	0.02	164	1.6	0.05
CHERCD012	469	471	GRD03322	0.02	92	1.2	0.04
CHERCD012	471	473	GRD03323	0.02	133	1.6	0.06
CHERCD012	473	475	GRD03324	0.03	200	2.3	0.06
CHERCD012	475	476	GRD03326	0.03	159	2.4	0.11
CHERCD012	476	477	GRD03327	0.05	245	2.1	0.08
CHERCD012	477	479	GRD03328	0.06	447	2.8	0.24
CHERCD012	479	481	GRD03329	0.02	492	2.6	0.16
CHERCD012	481	483	GRD03330	0.04	336	2.4	0.13
CHERCD012	483	484	GRD03331	0.07	531	4.4	0.16
CHERCD012	484	485	GRD03332	0.03	233	4.9	0.09
CHERCD012	485	486	GRD03333	0.03	291	3	0.18
CHERCD012	486	487	GRD03334	0.01	81.5	0.9	0.09
CHERCD012	487	488	GRD03336	0.01	29.5	0.8	0.07
CHERCD012	488	489	GRD03337	0.01	47	0.4	0.04
CHERCD012	489	491	GRD03338	0.02	210	6.3	0.11
CHERCD012	491	493	GRD03339	0.07	332	6.1	0.09
CHERCD012	493	495.6	GRD03340	0.02	73.5	4.9	0.05
CHERCD012	495.6	497	GRD03341	0.02	67	2.6	0.14
CHERCD012	497	498	GRD03342	0.02	125	1.5	0.09
CHERCD012	498	499	GRD03343	0.02	180	1.6	0.09
CHERCD012	499	501	GRD03344	0.04	211	2.5	0.18
CHERCD012	501	502	GRD03346	0.04	333	2.1	0.1
CHERCD012	502	504	GRD03347	0.03	213	3	0.08
CHERCD012	504	505	GRD03348	0.04	284	3.4	0.09
CHERCD012	505	506	GRD03349	0.02	178	1.6	0.05
CHERCD012	506	507	GRD03350	0.04	227	3.6	0.08
CHERCD012	507	509	GRD03351	0.02	154	2.7	0.08
CHERCD012	509	510.65	GRD03352	0.03	324	4.4	0.13
CHERCD012	510.65	511.25	GRD03353	0.02	253	3.1	0.06
CHERCD012	511.25	513	GRD03354	0.05	271	3.4	0.08
CHERCD012	513	515	GRD03356	0.03	235	4.4	0.08
CHERCD012	515	516.6	GRD03357	0.04	472	9	0.13
CHERCD012	516.6	517.4	GRD03358	0.01	36.5	5.2	0.03
CHERCD012	517.4	519	GRD03359	0.05	236	7.1	0.08
CHERCD012	519	520	GRD03360	0.02	178	5.6	0.08
CHERCD012	520	521	GRD03361	0.02	166	8.5	0.08
CHERCD012	521	522	GRD03362	0.05	239	8.3	0.1
CHERCD012	522	523	GRD03363	0.07	288	7.1	0.18
CHERCD012	523	524	GRD03364	0.04	107	5.1	0.09
CHERCD012	524	525	GRD03366	0.03	130	6.9	0.17
CHERCD012	525	526	GRD03367	0.07	74.5	7	0.08
CHERCD012	526	527	GRD03368	0.03	171	6.7	0.11
CHERCD012	527	528	GRD03369	0.03	119	6.6	0.1
CHERCD012	528	529	GRD03370	0.03	211	6.9	0.13
CHERCD012	529	530	GRD03371	0.04	223	4.6	0.16
CHERCD012	530	531	GRD03372	0.02	156	5	0.09
CHERCD012	531	532	GRD03373	0.05	296	5.5	0.23
CHERCD012	532	533	GRD03374	0.03	181	6.1	0.15
CHERCD012	533	534	GRD03376	0.02	144	8.5	0.1
CHERCD012	534	535	GRD03377	0.04	326	6.1	0.21
CHERCD012	535	536	GRD03378	0.04	344	3.8	0.16
CHERCD012	536	537	GRD03379	0.07	724	3.7	0.25
CHERCD012	537	538	GRD03380	0.03	160	3.2	0.11
CHERCD012	538	539	GRD03381	0.02	110	3.2	0.08
CHERCD012	539	540	GRD03382	0.04	282	2.9	0.1
CHERCD012	540	541	GRD03383	0.05	323	2.9	0.12
CHERCD012	541	542	GRD03384	0.02	209	3.1	0.08
CHERCD012	542	543	GRD03386	0.04	35.5	2.9	0.02
CHERCD012	543	544	GRD03387	0.02	40.5	1.7	0.04
CHERCD012	544	545	GRD03388	0.02	36	1.4	0.03
CHERCD012	545	546	GRD03389	0.02	162	4.9	0.08

Hole_id	From	To	Sample #	Au_ppm	Cu_ppm	Mo_ppm	Ag_ppm
CHERCD012	546	547	GRD03390	0.06	768	6.9	0.19
CHERCD012	547	548	GRD03391	0.07	590	4.5	0.18
CHERCD012	548	549.6	GRD03392	0.04	252	3.2	0.16
CHERCD012	549.6	551	GRD03393	0.03	153	3.4	0.05
CHERCD012	551	552	GRD03394	0.03	275	3.4	0.07
CHERCD012	552	553	GRD03396	0.01	94	2.1	0.04
CHERCD012	553	554	GRD03397	0.01	197	4.5	0.08
CHERCD012	554	555	GRD03398	0.02	47.5	5.3	0.02
CHERCD012	555	556	GRD03399	0.01	40	3.7	0.02
CHERCD012	556	557	GRD03400	0.01	24.5	2.7	0.02
CHERCD012	557	558	GRD03401	0.03	326	3	0.1
CHERCD012	558	559	GRD03402	0.03	278	2.1	0.09
CHERCD012	559	560.4	GRD03403	0.07	625	3.8	0.21
CHERCD012	560.4	561.3	GRD03404	0.08	1000	6.7	0.2
CHERCD012	561.3	562.5	GRD03406	0.02	98	4.5	0.07
CHERCD012	562.5	565	GRD03407	0.02	142	1.7	0.1
CHERCD012	565	567	GRD03408	0.02	187	3.5	0.11
CHERCD012	567	569	GRD03409	0.01	84	2.8	0.06
CHERCD012	569	571	GRD03410	0.01	86	6	0.04
CHERCD012	571	572.25	GRD03411	0.02	120	8.9	0.05
CHERCD012	572.25	573.3	GRD03412	0.02	367	5	0.16
CHERCD012	573.3	575	GRD03413	0.16	198	4	0.07
CHERCD012	575	577	GRD03414	0.02	240	2.7	0.08
CHERCD012	577	579	GRD03416	0.01	106	1	0.07
CHERCD012	579	581	GRD03417	0.01	44.5	1.1	0.04
CHERCD012	581	583	GRD03418	0.02	26	0.8	0.02
CHERCD012	583	585	GRD03419	0.02	121	1.5	0.1
CHERCD012	585	587	GRD03420	0.02	100	3.2	0.05
CHERCD012	587	589	GRD03421	0.03	284	2.3	0.11
CHERCD012	589	591	GRD03422	0.03	455	1.5	0.17
CHERCD012	591	593	GRD03423	0.03	670	0.9	0.18
CHERCD012	593	595	GRD03424	0.06	717	0.9	0.26
CHERCD012	595	597	GRD03426	0.02	262	1.6	0.12
CHERCD012	597	599	GRD03427	0.02	248	1.9	0.08
CHERCD012	599	600	GRD03428	0.01	160	2.1	0.12
CHERCD012	600	601	GRD03429	0.03	95	1.9	0.03
CHERCD012	601	602	GRD03430	0.01	311	1.9	0.08
CHERCD012	602	603	GRD03431	0.02	160	1.8	0.1
CHERCD012	603	604	GRD03432	0.01	202	2.1	0.09
CHERCD012	604	605	GRD03433	0.01	142	2.1	0.05
CHERCD012	605	606	GRD03434	0.01	188	1.5	0.12
CHERCD012	606	607	GRD03436	0.01	214	2.4	0.05
CHERCD012	607	608	GRD03437	0.02	117	1.6	0.03
CHERCD012	608	609	GRD03438	0.01	149	2	0.05
CHERCD012	609	611	GRD03439	0.01	313	1.9	0.1
CHERCD012	611	613	GRD03440	0.01	191	2	0.03
CHERCD012	613	615	GRD03441	0.02	216	1.7	0.04
CHERCD012	615	617	GRD03442	0.02	188	1.7	0.05
CHERCD012	617	619	GRD03443	0.01	102	1.9	0.03
CHERCD012	619	621	GRD03444	0.01	213	2.8	0.09
CHERCD012	621	622	GRD03446	0.02	103	2.1	0.13
CHERCD012	622	623.5	GRD03447	0.01	115	1.2	0.06
CHERCD012	623.5	624.8	GRD03448	0.03	286	3.5	0.12

Apendix 3: Table of the assay results of CHERCD013

Hole_id	From	To	Sample #	Au_ppm	Cu_ppm	Mo_ppm	Ag_ppm
CHERCD013	432	434	GRD03449	0.02	156	0.8	0.13
CHERCD013	434	436	GRD03450	0.03	434	0.7	0.11
CHERCD013	436	438	GRD03451	0.08	994	0.8	0.18
CHERCD013	438	439.85	GRD03452	0.07	1090	0.8	0.25
CHERCD013	439.85	441.45	GRD03454	0.04	448	1.2	0.13
CHERCD013	441.45	443.6	GRD03456	0.01	210	1	0.05
CHERCD013	443.6	444.85	GRD03458	0.02	285	0.8	0.09
CHERCD013	444.85	446	GRD03459	0.02	171	0.8	0.05
CHERCD013	446	448	GRD03460	0.02	164	0.6	0.07
CHERCD013	448	450	GRD03461	0.01	225	0.8	0.04
CHERCD013	450	451	GRD03462	0.03	199	0.7	0.07

Hole_id	From	To	Sample #	Au_ppm	Cu_ppm	Mo_ppm	Ag_ppm
CHERCD013	451	452	GRD03463	0.03	192	0.9	0.07
CHERCD013	452	453	GRD03464	0.1	985	1.2	0.19
CHERCD013	453	454	GRD03466	0.05	457	1.3	0.11
CHERCD013	454	455	GRD03467	0.03	228	1.1	0.08
CHERCD013	455	456	GRD03468	0.05	472	1.5	0.12
CHERCD013	456	457	GRD03469	0.04	417	1.2	0.1
CHERCD013	457	458	GRD03470	0.05	660	1.3	0.14
CHERCD013	458	460	GRD03471	0.08	604	1.5	0.11
CHERCD013	460	460.35	GRD03472	0.03	266	3	0.07
CHERCD013	460.35	461.2	GRD03473	0.09	767	1.8	0.18
CHERCD013	461.2	462	GRD03474	0.07	619	2.6	0.13
CHERCD013	462	464	GRD03476	0.04	359	2.6	0.08
CHERCD013	464	465	GRD03477	0.03	404	2.1	0.05
CHERCD013	465	465.6	GRD03478	0.02	201	4	0.07
CHERCD013	465.6	467	GRD03479	0.02	232	1.7	0.05
CHERCD013	467	467.9	GRD03480	0.03	273	0.9	0.05
CHERCD013	467.9	469	GRD03481	0.03	327	0.9	0.07
CHERCD013	469	470	GRD03482	0.02	144	1.8	0.03
CHERCD013	470	470.75	GRD03483	0.02	195	1.9	0.03
CHERCD013	470.75	471.4	GRD03484	0.03	121	1.8	0.03
CHERCD013	471.4	472.55	GRD03486	0.02	727	2.5	0.16
CHERCD013	472.55	473.35	GRD03487	0.04	1030	4.2	0.07
CHERCD013	473.35	474	GRD03488	0.07	2750	2	0.11
CHERCD013	474	474.75	GRD03489	0.02	814	4	0.08
CHERCD013	474.75	476	GRD03490	0.03	292	1.2	0.08
CHERCD013	476	477.2	GRD03491	0.01	127	2.2	0.05
CHERCD013	477.2	478	GRD03492	0.05	410	3.6	0.11
CHERCD013	478	479	GRD03493	0.07	647	2.3	0.11
CHERCD013	479	480	GRD03494	0.04	347	1.5	0.07
CHERCD013	480	481	GRD03496	0.04	349	1.7	0.14
CHERCD013	481	481.45	GRD03497	0.05	488	1.9	0.1
CHERCD013	481.45	483	GRD03498	0.02	218	1.2	0.04
CHERCD013	483	484	GRD03499	0.02	204	1.2	0.04
CHERCD013	484	486	GRD03500	0.03	265	1.4	0.06
CHERCD013	486	488	GRD03501	0.03	349	1.7	0.05
CHERCD013	488	490	GRD03502	0.02	331	3.8	0.1
CHERCD013	490	492	GRD03503	0.02	281	4.5	0.11
CHERCD013	492	494	GRD03504	0.03	399	2.5	0.11
CHERCD013	494	496	GRD03506	0.02	210	2	0.13
CHERCD013	496	498	GRD03507	0.04	296	3.4	0.11
CHERCD013	498	499	GRD03508	0.02	169	2.7	0.06
CHERCD013	499	500	GRD03509	0.07	696	2	0.16
CHERCD013	500	501	GRD03510	0.11	1670	2.6	0.13
CHERCD013	501	502	GRD03511	0.05	425	2	0.11
CHERCD013	502	504	GRD03512	0.1	593	1.9	0.16
CHERCD013	504	506	GRD03513	0.06	670	1.5	0.12
CHERCD013	506	508	GRD03514	0.02	164	1.3	0.06
CHERCD013	508	510	GRD03516	0.08	809	2.3	0.16
CHERCD013	510	512	GRD03517	0.04	551	2.8	0.13
CHERCD013	512	513.3	GRD03518	0.05	714	4.9	0.18
CHERCD013	513.3	514.25	GRD03519	0.09	1030	3.9	0.25
CHERCD013	514.25	516	GRD03520	0.07	762	9.3	0.17
CHERCD013	516	517.9	GRD03521	0.07	1040	12.5	0.24
CHERCD013	517.9	519	GRD03522	0.05	925	5.7	0.16
CHERCD013	519	521.15	GRD03523	0.03	506	4.2	0.1
CHERCD013	521.15	522	GRD03524	0.05	864	4.6	0.14
CHERCD013	522	525	GRD03526	0.03	424	5.1	0.14
CHERCD013	525	526	GRD03527	0.01	110	3.6	0.03
CHERCD013	526	527.7	GRD03528	0.02	368	4.2	0.14
CHERCD013	527.7	528.85	GRD03529	0.02	168	1.6	0.09
CHERCD013	528.85	530	GRD03530	0.03	349	9.2	0.12
CHERCD013	530	532	GRD03531	0.01	310	3.2	0.11
CHERCD013	532	534	GRD03532	0.03	422	9.6	0.13
CHERCD013	534	536	GRD03533	0.01	135	2.4	0.06
CHERCD013	536	538	GRD03534	0.02	120	1.1	0.04
CHERCD013	538	540	GRD03536	0.02	309	1.9	0.11
CHERCD013	540	542	GRD03537	0.02	444	6.9	0.75
CHERCD013	542	544	GRD03538	0.01	78	1.5	0.05
CHERCD013	544	546	GRD03539	0.01	74	2.1	0.03
CHERCD013	546	548	GRD03540	0.01	209	3.2	0.1
CHERCD013	548	550	GRD03541	0.01	160	3.3	0.04

Hole_id	From	To	Sample #	Au_ppm	Cu_ppm	Mo_ppm	Ag_ppm
CHERCD013	550	552	GRD03542	0.02	410	10.4	0.08
CHERCD013	552	554	GRD03543	0.01	370	4.9	0.06
CHERCD013	554	556	GRD03544	0.01	365	6.2	0.11
CHERCD013	556	558	GRD03546	0.02	189	3.7	0.09
CHERCD013	558	560	GRD03547	0.01	117	2.6	0.04
CHERCD013	560	562	GRD03548	0.01	100	1.8	0.03
CHERCD013	562	564	GRD03549	0.06	572	6.2	0.21
CHERCD013	564	566	GRD03550	0.22	804	16.3	0.26
CHERCD013	566	568	GRD03551	0.07	849	7.8	0.2
CHERCD013	568	570	GRD03552	0.03	528	2.4	0.19
CHERCD013	570	572	GRD03553	0.08	322	3.2	0.14
CHERCD013	572	574	GRD03554	0.01	138	1.8	0.06
CHERCD013	574	576	GRD03556	0.01	129	1.8	0.05
CHERCD013	576	578	GRD03557	0.01	226	1.9	0.1
CHERCD013	578	580	GRD03558	0.02	355	1.6	0.14
CHERCD013	580	582	GRD03559	0.01	183	3.4	0.1
CHERCD013	582	584	GRD03560	0.03	406	3.7	0.14
CHERCD013	584	586	GRD03561	0.02	376	6.2	0.11
CHERCD013	586	588.2	GRD03562	0.03	217	3.3	0.14
CHERCD013	588.2	590	GRD03563	0.01	174	6.8	0.08
CHERCD013	590	592	GRD03564	0.01	39.5	1.1	0.02
CHERCD013	592	594.5	GRD03566	0.01	46	4.5	0.08