ASX & Media Release

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ASX Symbol

GRL

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Chief Executive Officer

Issued Capital

Fully Paid Ordinary Shares
67,975,299

Unlisted options
exercisable at $0.25
20,000,000

exercisable at $0.20
29,260,213

ACN 633 779 950

DRILLING TO COMMENCE AT COPPER HILL EAST

- **Soil assay results confirm & define strong gold-copper & copper anomalism**
- **Detailed mapping defines native copper in float with associated "calc-ferric" alteration over a strike length of 1.5m and lateral width of 500m**
- **Ground magnetic survey identifies structures and large magnetic anomaly directly associated with the existing gold-copper geochemical anomalism**
- **Petrographic study confirms mapped alteration and suggests potential origin of native copper mineralisation as "Red Bed" style**

Activity approvals granted for drilling to commence early August 2020

Summary

Soil samples collected at the Godolphin Resources Limited ('Godolphin', 'GRL', or the Company) 100% owned Copper Hill East (CHE) project, have defined a copper anomaly of >150ppm Cu, over a continuous strike length of 5km and containing anomalous gold in the north of the area[1].

Follow up soil sampling was recently completed to infill the initial grid to 40m x 80m in both the native copper and northern gold-copper anomalous areas. The assay results confirm and further define the anomalous gold-copper and copper areas.

Mapping of the southern anomaly has confirmed native copper, with associated epidote alteration, over a 14-hectare area. A petrographic study has identified the native copper mineralisation in porphyritic and amygdaloidal basaltic rocks with "calc-ferric" alteration. Mapping on the northern gold-copper anomaly has delineated an intrusive complex with dimensions 500m x 500m with porphyry-style alteration and mineralisation.

Ground magnetic surveys were completed over the respective anomalies which identified structures, lithological trends and large magnetic bodies at shallow to medium depth (50-550m). The large magnetic anomalies in the north coincide with the gold-copper geochemical anomaly, and the structures identified in the south correlate well with the surface mapping, petrographic work and geochemical anomalism.

All necessary approvals have been received for a 1350m Phase 1 RC drill program to commence in August 2020, which will test the gold-copper anomaly in the north of CHE for porphyry gold-copper style mineralisation and the native copper zone to the south.

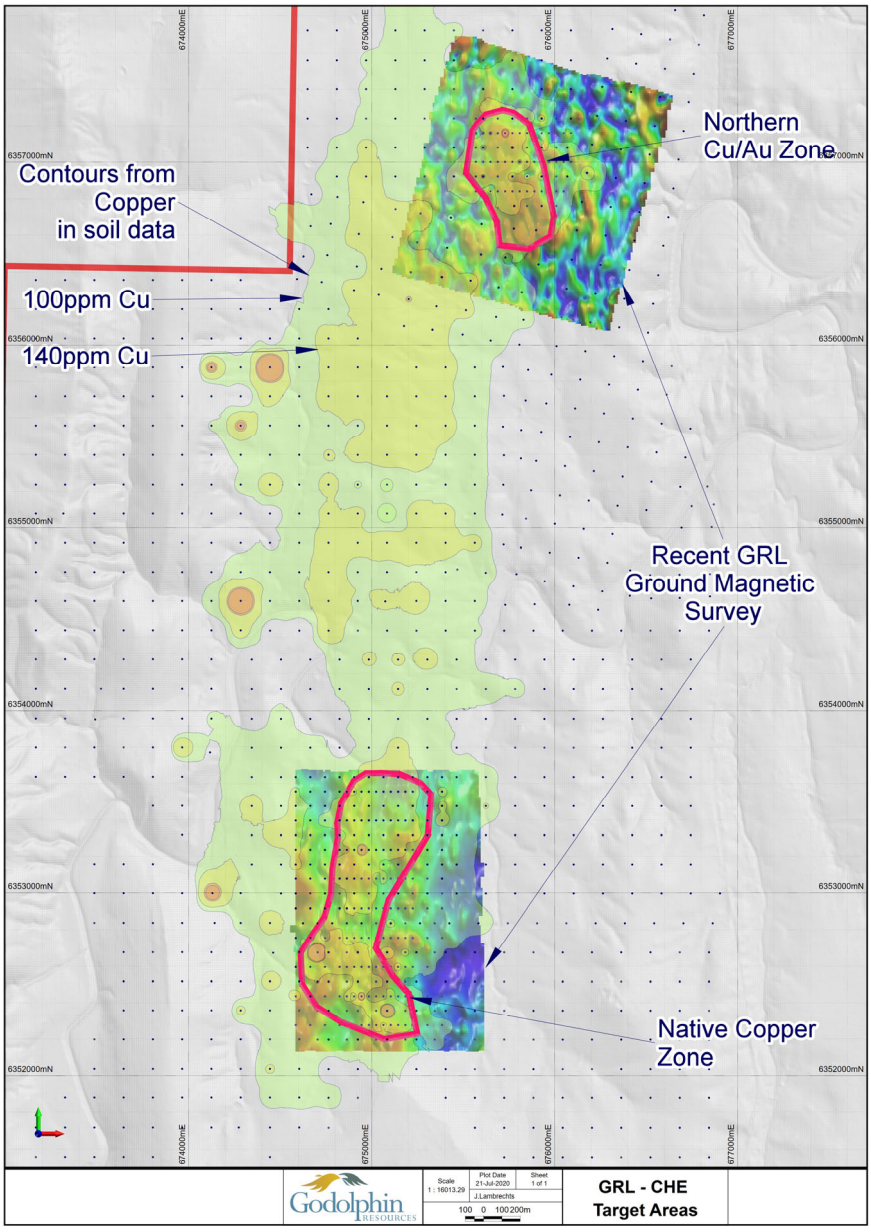
[1] See Godolphin ASX Announcements of 21 May 2020, 07 May 2020, 11 March 2020 and 24 February 2020. The Company is not aware of any new information or data that materially affects the information included in the referenced ASX announcements and confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

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 and has the potential to host various types of mineral deposits including porphyry gold-copper and orogenic gold.

The 2019 Boda porphyry gold-copper discovery by Alkane Resources Ltd, is located approximately 60 km to the north of CHE and highlights the potential of this area due to its similar geological setting. Newcrest's giant Cadia-Ridgeway operation is located approximately 55 km to the south.

Ground Magnetics, Geological Mapping, Soil Geochemistry and Petrography used to Identify targets.



Since Godolphin's previous ASX release regarding CHE in May 2020, the Company has completed an infill soil geochemical survey, ground magnetic survey, petrological review, detailed mapping and design of an RC drill program.

Infill soil sampling has been completed in the area of high copper in soils (with coincident native copper in rock samples on surface) and the area of high gold & copper in soils in the north. (Figure 1). This has infilled the original soil grid in these areas from 160m by 160m, to between 40m and 80m.

Figure 1: Target areas identified on the GRL Copper Hill East project

Native Copper Zone

Assay results received in the south of the CHE project area confirm the presence of anomalous copper over a large area in which native copper in epidote altered volcanic rocks is present. A maximum copper in soil value of 817ppm was received from this area (Table 1).

The ground magnetic survey identified a number of north west trending structures, which cut north trending stratigraphic units, and appear to be related to the native copper zone. This theory will be tested in the upcoming RC drill program.

SampleID	NAT_North	NAT_East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm
GRS01125	6,352,675	674,705	817.0	0.31	16	0.13
GRS01046	6,353,235	674,945	415.0	0.33	10	0.11
GRS01159	6,352,435	674,945	376.0	0.26	8	0.13
GRS01048	6,353,235	674,985	220.0	0.36	7	0.06
GRS01002	6,353,555	675,025	212.0	0.69	6	0.14
GRS01000	6,353,555	674,945	201.0	0.34	13	0.09
GRS01188	6,352,275	675,185	190.0	0.64	2	0.07
GRS01021	6,353,395	674,865	187.5	0.27	10	0.08
GRS01001	6,353,555	674,985	185.0	0.47	10	0.06
GRS01071	6,353,075	674,985	184.5	0.49	9	0.12
GRS01014	6,353,475	675,065	184.0	0.4	8	0.1
GRS01011	6,353,475	674,585	182.0	0.14	9	0.09
GRS01003	6,353,555	675,065	179.5	0.44	8	0.16
GRS01183	6,352,275	675,025	176.5	0.45	3	0.05
GRS01038	6,353,315	675,225	174.0	0.39	3	0.05
GRS01112	6,352,755	674,825	173.0	0.39	8	0.05
GRS01135	6,352,595	674,865	173.0	0.29	5	0.06
GRS00991	6,353,635	675,065	170.5	0.41	10	0.09
GRS01033	6,353,395	675,385	170.5	0.56	6	0.06
GRS01037	6,353,315	675,065	170.5	0.47	5	0.08
GRS01088	6,352,915	674,665	101.5	0.43	213	0.05
GRS01182	6,352,275	674,985	77.7	0.25	75	0.03
		Max	817	0.69	213	0.16
		Min	78	0.14	2	0.03
		Average	224	0.40	20	0.08

Table 1: Table of assay results from the native copper area.

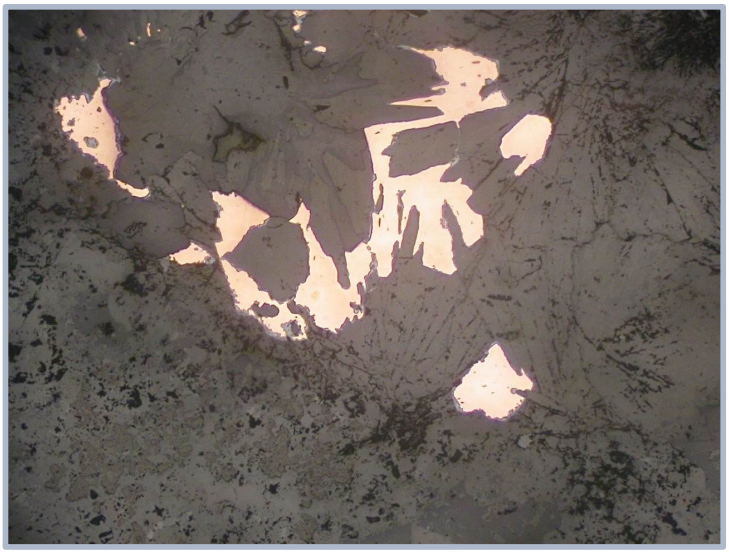


Figure 2: Aggregates of copper (pale pink) within an amygdule, largely filled by sub-radiating prehnite (dark grey). Plane polarised reflected light, field of view 2 mm across

Understanding how the native copper mineralisation was formed at CHE is central to the GRL exploration efforts and thus a suite of rock samples were sent for petrographic analysis.

The petrographic study indicated that the native copper and copper sulphide minerals formed under low grade hyrothermal conditions and are therefore not likely to be the product of supergene alteration and enrichment. The study concluded that the source of the copper is not likely to be from a magmatic-hydrothermal source, but that the style of mineralisation is likely to be strata- bound. The native copper in the samples collected conforms well to styles of alteration and hypogene mineralisation found at basalt-hosted variants of red bed copper systems, and specifically those of the US Michigan/Keewanawan-type.

Geological mapping of the area with native copper float has identified areas of “greenrock” and “haematite-epidote” alteration consistent with descriptions in the petrological report of “calc-ferric” alteration which was described as hosting the copper mineralisation. The mapping shown in Figure 3 validates this by showing that the native copper float occurs within these alteration types in the field. The mapping identified a NW trend in the alteration and native copper mineralisation which is coincident with structures identified in the ground magnetic survey.

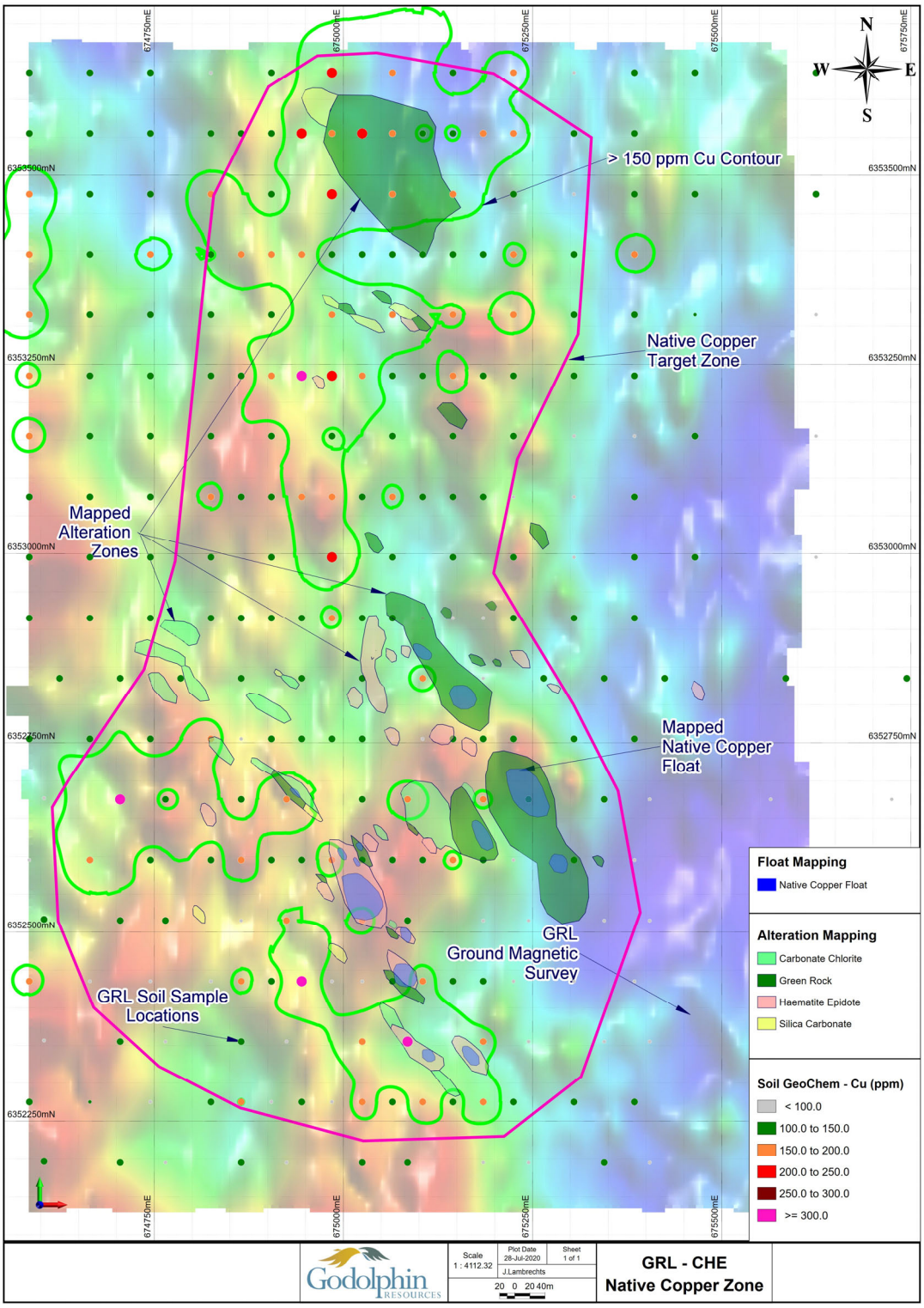


Figure 3: Image of the native copper float and alteration mapping over the soil geochemical data and the ground magnetic survey at the southern anomaly

Northern Gold-Copper area

As with the native copper area the soil anomaly in the Northern Cu/Au zone was infilled, to reduce the original grid to an 80m x 40m spacing. In addition, the area was mapped in detail and, a ground-magnetic survey was undertaken.

The soil geochemical results gave further definition to the already identified gold-copper anomaly, with copper assay results of up to 305ppm and gold of up to 77ppb (Table 2).

The soil results are most pronounced over the northern portion of the anomalous gold-copper area, coincident with a discrete magnetic anomaly identified in the ground magnetic survey, which appears to be structurally dislocated from a larger and deeper magnetic feature to the south.

SampleID	NAT_North	NAT_East	Cu_ppm	Co_ppm	Au_ppb	Te_ppm
GRS01205	6,357,160	675,730	305	34.8	57	0.42
GRS01226	6,357,000	675,810	259	31.5	52	0.35
GRS01203	6,357,160	675,650	233	36.3	54	0.29
GRS01207	6,357,160	675,810	225	37.5	45	0.19
GRS01247	6,356,840	675,850	222	25.1	53	0.05
GRS01217	6,357,080	675,690	218	31.0	62	0.24
GRS01221	6,357,000	675,610	216	30.8	45	0.5
GRS01227	6,357,000	675,850	204	28.4	37	0.31
GRS01235	6,356,920	675,570	198	31.6	15	0.05
GRS01206	6,357,160	675,770	196	49.6	77	0.38
GRS01199	6,357,240	675,850	180	48.4	8	0.05
GRS01224	6,357,000	675,730	179	44.9	25	0.38
GRS01243	6,356,840	675,730	130	36.8	60	0.22
		Max	305	49.6	77	0.50
		Min	130	25.1	8	0.05
		Average	213	35.9	45	0.26

Table 2: Table of assay results from the northern Cu/Au area.

Mapping of the northern zone of elevated gold-in-soil identified a sequence of bedded sediments, pyroxene phyric and feldspar porphyritic andesites, as well as feldspathic sandstones intruded by micro diorite and monzonites. The monzonites exhibit moderate hematite dusting and epidote alteration of mafic minerals, indicative of inner-propylitic porphyry related hydrothermal alteration. A magnetite enriched feldspathic sandstone was also identified near the monzonite intrusions.

Figure 4 shows the contoured gold and copper assay values, underlain by ground magnetic data. A large magnetic body is clearly visible in the south and the high (red colour on the image) magnetic anomalism is visible under the most anomalous surface results in the north.

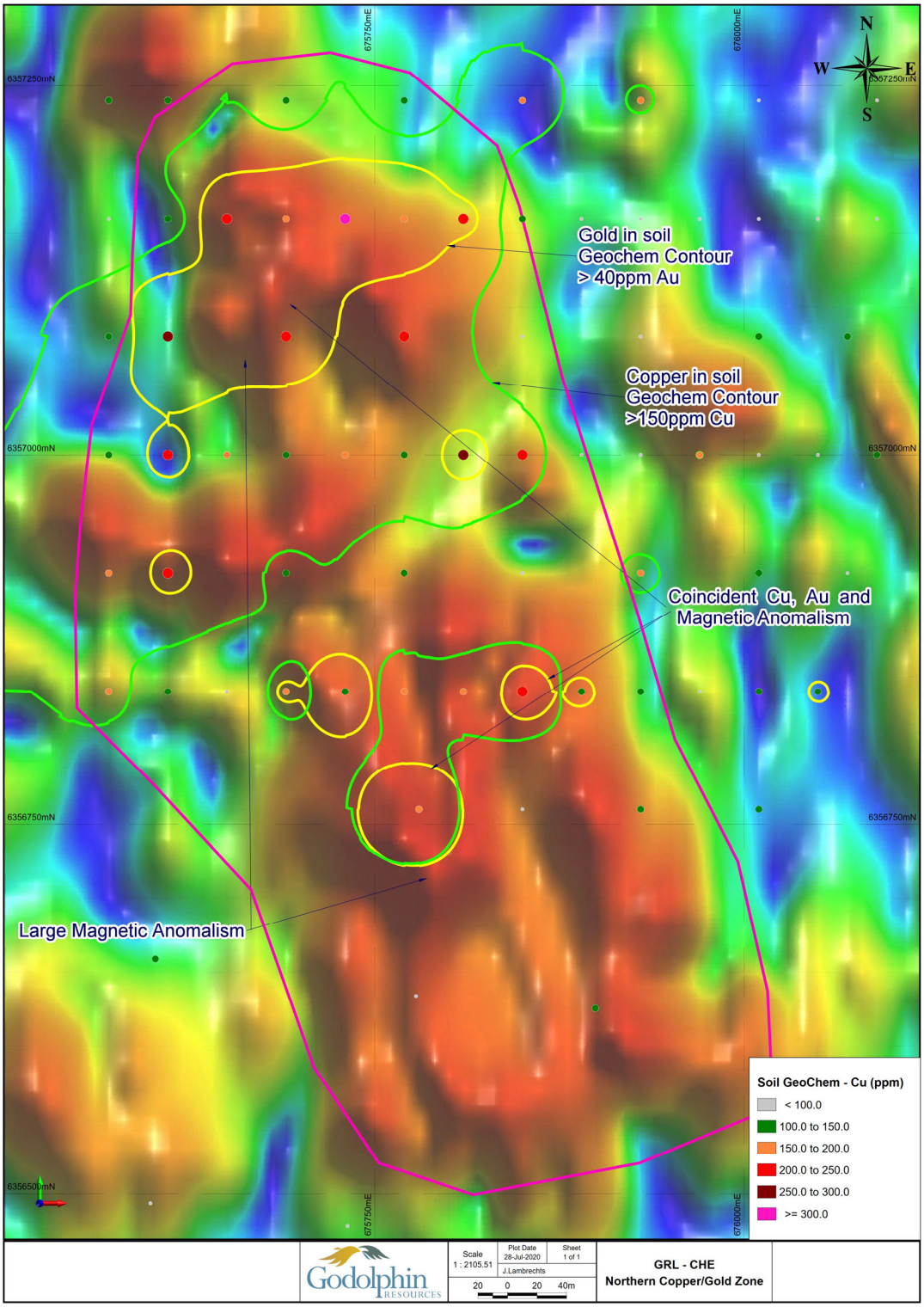


Figure 4: Image of the soil Geochem data and the ground magnetic survey at the northern anomaly

Drilling Programme

An application to conduct drilling at CHE was approved by the New South Wales Department of Resources and Geoscience, in early July 2020. A Phase 1 drill programme is planned to commence after the completion of the second phase of drilling at Godolphin's Mt Aubrey Project.

The drill programme on the native copper area will test the coincident area of anomalous copper in soils and native copper in rock float. The petrographic study, indicated that the target is likely strata-bound. Since the copper is identified at surface, this part of the drill program will target shallow intersections at approximately 75m, with depth continuity to be investigated with potential future programs. Ten holes are planned for the native copper area during this first phase of drilling (Figure 5).

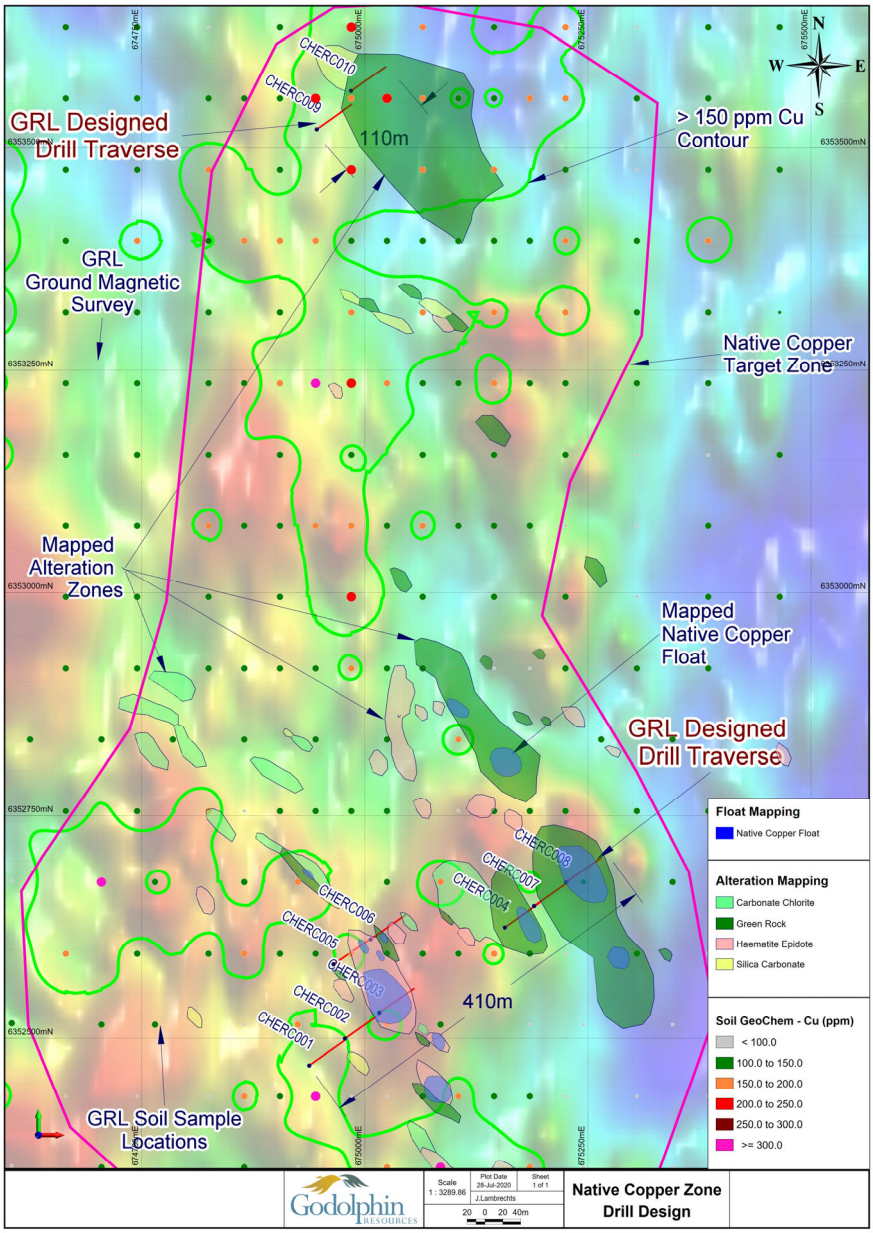


Figure 5: Native copper area-image of the drill design at the southern anomaly. Also shows native copper float and alteration mapping over the soil geochemical data and the ground magnetic survey

Drilling in the northern gold-copper area will consist of two RC holes aiming to test the geochemical anomaly and coincident magnetic anomaly at depth. The northern most portion of this area has the stronger surface geochemical anomaly and coincident "near surface" magnetic anomaly which will be tested by a single 250m RC hole (Figure 6). South of this first hole is a second larger and deeper magnetic anomaly which appears structurally dislocated from the first. This will be tested by a single 350m RC hole targeting the centre and strongest portion of the magnetic anomaly (Figure 7).

The total designed drilling program is 12 holes for 1350m, and is expected to commence in August 2020.

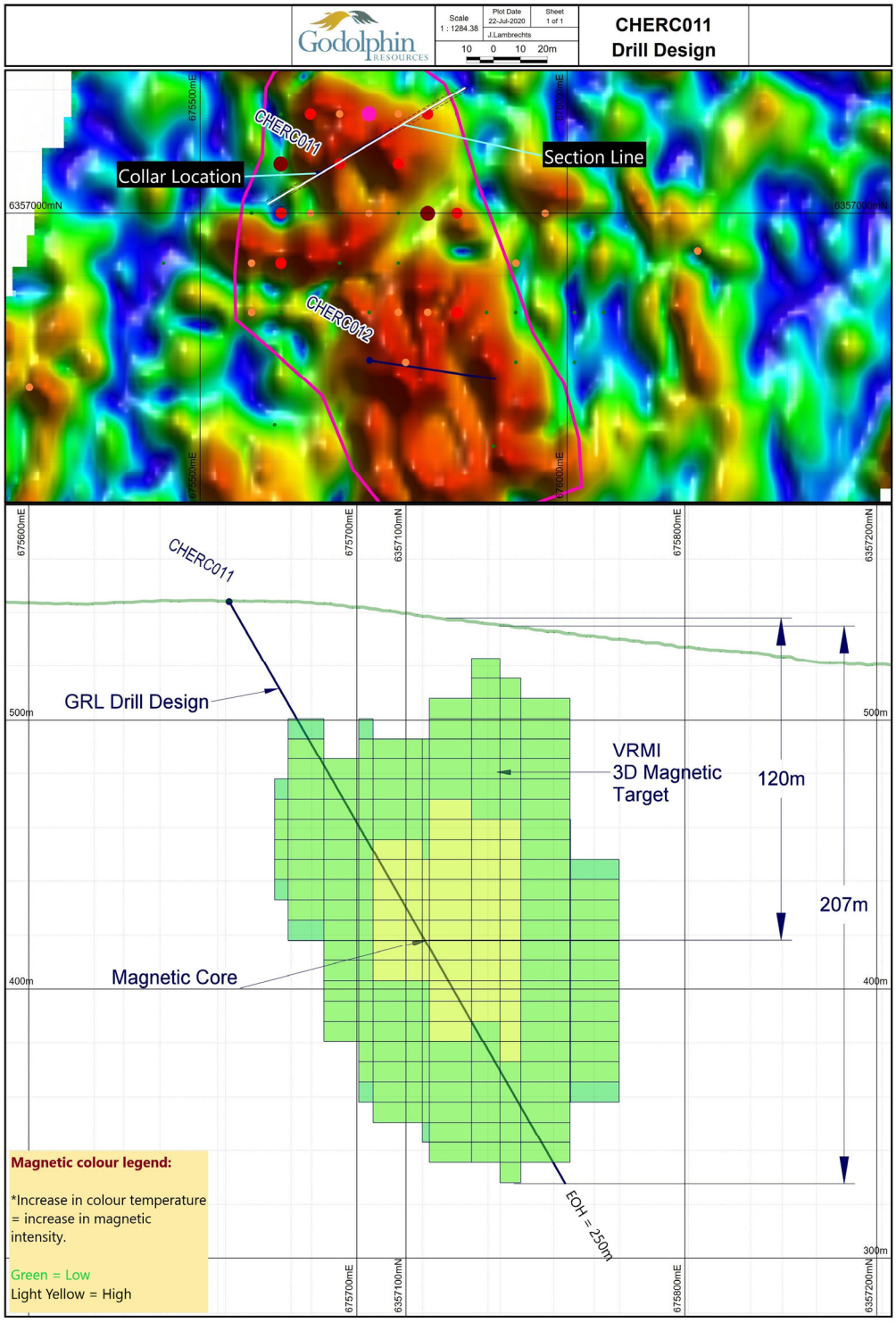


Figure 6: Drill design of CHERC011 targeting the magnetic anomaly below the coincident Cu-Au Geochem anomalism

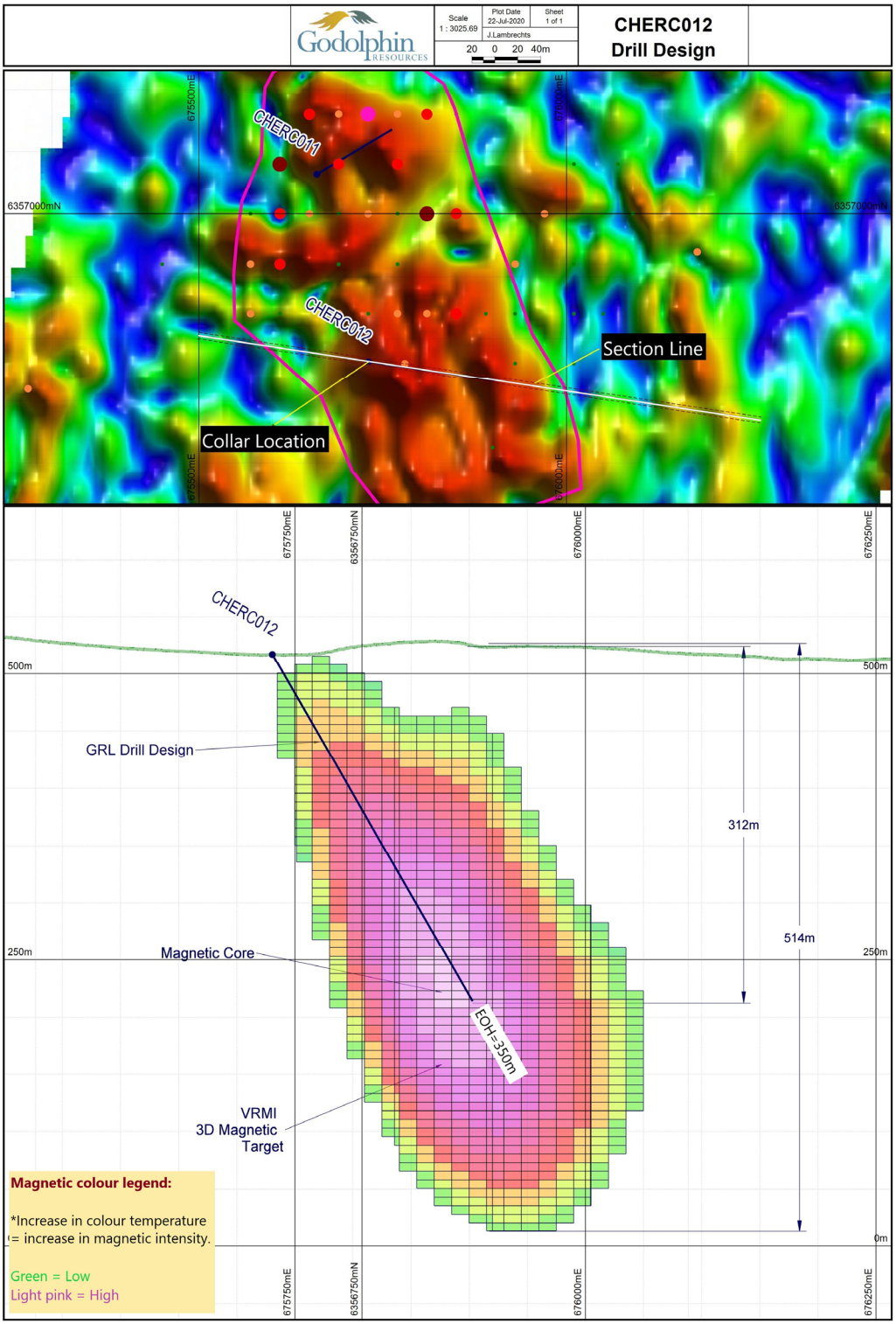


Figure 7: Drill design of CHERC012 targeting the larger and deeper magnetic anomaly south of CHERC011

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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CEO Godolphin Resources Limited
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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 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.*	**Sampling method description** • **Rock chip samples** ○ These samples are collected from outcrop, float, or other exposure. Samples are clear of organic matter. • **Soil samples** ○ These samples are collected from the "C" soil horizon at depths up to 75 cm deep or just above bedrock in shallow sub crop areas. The samples are sifted to minus 355 micron and are free of organic matter. • In order to optimize the samples ability to represent the mineralization, the samples are collected from the "C" horizon in order to mitigate the misrepresentation caused by transported material. • These sampling methods are standard industry methods and are believed to provide acceptably representative samples for the type of mineralisation encountered. **Sampling methods used** • Soil Samples
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details.*	• Not applicable.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	• Not applicable.
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.*	• Not applicable.
Sub-sampling techniques and sample preparation	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	• All samples are crushed then pulverised in a ring pulveriser (LM5) to a nominal 90% passing 75 micron. An approximately 100g pulp sub-sample is taken from the large sample and residual material stored. • A quartz flush (approximately 0.5 kilogram of white, medium-grained sand) is put through the LM5 pulveriser prior to each new batch of samples. A number of quartz flushes are also put through the pulveriser after each massive sulphide sample to ensure the bowl is clean prior to the next sample being processed. A selection of this pulverised quartz flush material is then analysed and reported by the lab to gauge the potential level of contamination that may be carried through from one sample to the next.
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*	• Sample preparation and assaying is being conducted through ALS Laboratories, Orange, NSW with certain final analysis of pulps being undertaken at the ALS Laboratory in Perth WA and Brisbane QLD. • Gold is determined by 30g fire assay fusion with ICP-AES analysis to 1 ppb LLD. • Other elements by mixed acid digestion followed by ICP-AES analysis.

Criteria	JORC Code explanation	Commentary
	accuracy (ie lack of bias) and precision have been established.	• Laboratory quality control standards (blanks, standards and duplicates) are inserted at a rate of 5 per 35 samples for ICP work. • Godolphin also insert blanks and standards at a frequency of 1 per 15 samples.
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.*	• An internal review of results was undertaken by Company personnel. No independent verification was undertaken at this stage. • All field and laboratory data has been entered into an industry standard database using a database administrator (DBA). Validation of both the field and laboratory data is undertaken prior to final acceptance and reporting of the data. • Quality control samples from both the Company and the Laboratory are assessed by the DBA and reported to the Company geologists for verification. All assay data must pass this data verification and quality control process before being reported.
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.*	• Not applicable.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Not applicable.
Orientation of data in relation to 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.*	• Not applicable.
Sample security	• *The measures taken to ensure sample security.*	• Samples are being secured in poly weave bags and are transported to the ALS laboratory in Orange, NSW via a courier service or with Company personnel/contractors.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• GRL have not yet conducted an audit of the ALS laboratory in Orange.

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 • The Copper Hill 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.

Criteria	JORC Code explanation	Commentary
		• Security of $10,000 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.*	• See appendix 1
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:*	Very minimal drilling has been completed in the north western portion of EL8556, but, • Drill hole data not yet compiled.
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 mineralization widths and intercept lengths	• *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 should be reported.*	• Early stage exploration means that these relationships are unknown. .

Criteria	JORC Code explanation	Commentary
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.*	• All results of Godolphin's reconnaissance rock chip and soil sampling programs have been reported. Some minor elements are omitted due to the size of the table, but can be made available on request and approval by the board of directors.
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.*	• A ground magnetic survey was completed by GRL in 2020. • Over 1400 soil geochemical samples have been collected and analyzed.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• Currently under assessment. Follow-up work is required, as mentioned in body of the announcement.

Appendix 2. Table of assay data for the Native copper area

SampleID	NAT_North	NAT_East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm	Fe_pct
GRS00988	6353635	674585	142	0.24	11	0.08	17.4	0.04	0.43	5	96	7.97
GRS00989	6353635	674745	113.5	0.2	11	0.07	9.3	0.05	0.35	5.7	106	5.47
GRS00990	6353635	674905	117	0.41	2	0.07	9.2	0.05	1	6.9	96	6.97
GRS00991	6353635	675065	170.5	0.41	10	0.09	15.3	0.05	0.66	5.8	91	8.62
GRS00992	6353635	675225	159	0.38	11	0.04	14	0.05	0.44	4.6	77	7.96
GRS00993	6353635	675385	143.5	0.25	9	0.03	9	0.05	0.34	4.5	88	8.15
GRS00994	6353555	674585	146.5	0.32	7	0.07	9.1	0.04	0.4	5.1	99	7.1
GRS00995	6353555	674665	113.5	0.29	7	0.06	11.1	0.04	0.35	4.9	94	6.13
GRS00996	6353555	674745	100.5	0.29	5	0.06	10	0.04	0.3	5.5	86	5.35
GRS00997	6353555	674825	118	0.45	11	0.06	11.5	0.12	0.53	9.7	68	6.77
GRS00998	6353555	674865	137	0.35	9	0.05	12.6	0.12	0.51	9	78	6.99
GRS00999	6353555	674905	121.5	0.37	8	0.07	9.7	0.05	0.88	6.5	96	6.93
GRS01000	6353555	674945	201	0.34	13	0.09	13.6	0.04	0.59	7.5	71	7.66
GRS01001	6353555	674985	185	0.47	10	0.06	10.8	0.07	0.54	6.6	83	8.17
GRS01002	6353555	675025	212	0.69	6	0.14	13.5	0.07	0.55	7	79	8.31
GRS01003	6353555	675065	179.5	0.44	8	0.16	15.4	0.05	0.62	8	76	6.55
GRS01004	6353555	675105	146.5	0.4	5	0.07	11.2	0.05	0.49	5.4	88	8.23
GRS01005	6353555	675145	148.5	0.36	4	0.05	11.7	0.03	0.34	3.8	77	8.34
GRS01006	6353555	675185	163.5	0.43	4	0.06	11	0.04	0.63	4.9	80	8.36
GRS01008	6353555	675225	158.5	0.48	7	0.09	9.9	0.04	0.51	4.8	87	8.14
GRS01009	6353555	675305	113.5	0.32	6	0.06	12.3	0.05	0.44	5	91	7.75
GRS01010	6353555	675385	149	0.55	9	0.04	9.4	0.07	0.47	6.8	99	7.63
GRS01011	6353475	674585	182	0.14	9	0.09	12.5	0.03	0.58	4.5	77	7.05
GRS01012	6353475	674745	123.5	0.33	9	0.09	15.7	0.03	0.38	4	77	6.8
GRS01013	6353475	674905	135.5	0.6	5	0.11	8.7	0.05	0.58	5.9	120	6.43
GRS01014	6353475	675065	184	0.4	8	0.1	18.2	0.06	0.68	6.9	65	6.58
GRS01015	6353475	675225	144	0.37	6	0.06	13.4	0.03	0.65	5.4	85	8.16

SampleID	NAT_North	NAT_East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm	Fe_pct
GRS01016	6353475	675385	147	0.49	11	0.03	8.5	0.07	0.39	5.5	84	7.45
GRS01017	6353395	674585	169	0.2	12	0.05	12	0.04	0.37	4.7	74	8.14
GRS01018	6353395	674665	123	0.22	6	0.07	10.5	0.04	0.38	4.4	86	7.22
GRS01019	6353395	674745	160.5	0.29	10	0.1	13.5	0.03	0.39	4.6	73	6.85
GRS01020	6353395	674825	149.5	0.22	10	0.09	14.1	0.04	0.37	4.9	78	6.95
GRS01021	6353395	674865	187.5	0.27	10	0.08	26.9	0.07	0.6	5.9	67	7.84
GRS01022	6353395	674905	151	0.39	8	0.08	10.7	0.04	0.88	6.2	88	8.31
GRS01023	6353395	674945	151	0.45	7	0.07	9.7	0.05	0.61	5.8	78	8.24
GRS01024	6353395	674985	144	0.59	3	0.12	10.4	0.07	0.9	7.3	96	7.99
GRS01025	6353395	675025	113.5	0.47	2	0.09	10	0.06	0.69	8.3	75	5.61
GRS01026	6353395	675065	134.5	0.53	5	0.06	8.5	0.07	0.56	8.5	83	6.16
GRS01028	6353395	675105	135	0.53	6	0.04	8.7	0.06	0.52	7.8	79	6.43
GRS01029	6353395	675145	104.5	0.45	5	0.04	8.8	0.04	1.07	6	75	7.28
GRS01030	6353395	675185	131.5	0.29	4	0.04	17.4	0.04	0.85	5.5	85	8.98
GRS01031	6353395	675225	156.5	0.39	5	0.05	21.3	0.04	0.79	5.3	78	8.66
GRS01032	6353395	675305	124	0.34	2	0.04	15.8	0.06	0.65	5	95	8.07
GRS01033	6353395	675385	170.5	0.56	6	0.06	11.6	0.11	0.65	7.2	86	7.23
GRS01034	6353315	674585	165.5	0.31	6	0.06	12.8	0.04	0.6	4.5	91	8.25
GRS01035	6353315	674745	108	0.25	2	0.09	20.9	0.03	0.53	4.3	88	8.02
GRS01036	6353315	674905	110.5	0.42	3	0.04	5.9	0.04	0.68	5.1	92	7.67
GRS01037	6353315	675065	170.5	0.47	5	0.08	10.9	0.04	0.62	5.2	88	6.55
GRS01038	6353315	675225	174	0.39	3	0.05	8.8	0.04	0.43	4	103	8.5
GRS01039	6353315	675385	110	0.54	2	0.04	7.7	0.07	0.47	6.4	85	7.18
GRS01040	6353235	674585	155	0.25	7	0.04	14.7	0.03	0.65	4.8	84	7.42
GRS01041	6353235	674665	102.5	0.32	8	0.07	11.6	0.04	0.47	5.3	86	6.06
GRS01042	6353235	674745	118.5	0.22	7	0.05	20.1	0.04	0.96	5.2	71	7.43
GRS01043	6353235	674825	121.5	0.34	4	0.06	10.8	0.07	0.53	6.7	91	7.75
GRS01044	6353235	674865	127	0.4	6	0.07	11.3	0.06	0.61	6.8	91	7.63
GRS01045	6353235	674905	156.5	0.37	15	0.08	12.9	0.05	1	6.6	73	8.55
GRS01046	6353235	674945	415	0.33	10	0.11	10	0.04	0.38	5.3	85	8.38
GRS01048	6353235	674985	220	0.36	7	0.06	13	0.04	0.66	5.3	84	8.92
GRS01049	6353235	675025	169.5	0.59	12	0.06	16.1	0.06	0.83	6.9	61	7.6
GRS01050	6353235	675065	129.5	0.49	8	0.05	11.1	0.05	0.84	7.1	75	6.31
GRS01051	6353235	675105	140	0.46	10	0.11	9.9	0.06	0.88	7.2	93	6.2
GRS01052	6353235	675145	166	0.32	16	0.08	11.1	0.03	0.63	3.6	87	8.21
GRS01053	6353235	675185	143.5	0.5	10	0.06	10.2	0.06	1.44	6	65	8.27
GRS01054	6353235	675225	103.5	0.46	10	0.04	8.1	0.05	0.42	4.4	78	8.17
GRS01055	6353235	675305	119	0.38	10	0.03	15.1	0.03	0.6	4	73	7.72
GRS01056	6353235	675385	113	0.61	8	0.04	10.9	0.09	0.64	8.6	71	8.01
GRS01057	6353155	674585	166.5	0.29	8	0.05	11.6	0.04	0.68	4.8	77	8.65
GRS01058	6353155	674745	135.5	0.17	9	0.05	15.9	0.03	0.66	4.9	71	8.03
GRS01059	6353155	674905	134	0.42	11	0.07	16	0.04	0.82	5.9	90	9.22
GRS01060	6353155	675065	122	0.41	11	0.05	15.6	0.04	1.09	6.3	80	7.53
GRS01061	6353155	675225	146	0.39	10	0.04	11	0.05	0.49	4.2	81	8.2
GRS01062	6353155	675385	97.4	0.47	5	0.04	10.3	0.07	0.62	7.3	87	7.5
GRS01063	6353075	674585	107	0.55	6	0.05	9.3	0.07	0.63	8.5	83	6.8
GRS01064	6353075	674665	140.5	0.37	28	0.05	14.7	0.06	0.63	6.8	81	6.97
GRS01065	6353075	674745	129.5	0.18	9	0.05	16.3	0.04	0.6	5.3	77	7.41

SampleID	NAT_North	NAT_East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm	Fe_pct
GRS01066	6353075	674825	158	0.39	11	0.09	9.7	0.05	0.45	6.2	106	8.19
GRS01068	6353075	674865	131.5	0.57	8	0.13	9.1	0.04	0.6	6.2	126	6.59
GRS01069	6353075	674905	149.5	0.71	8	0.08	10.2	0.04	0.67	5.9	87	8
GRS01070	6353075	674945	151	0.5	13	0.05	14.9	0.05	0.84	5.4	80	9.31
GRS01071	6353075	674985	184.5	0.49	9	0.12	17.2	0.06	0.74	5.2	92	7.84
GRS01072	6353075	675025	100.5	0.35	8	0.06	16	0.03	0.79	4.5	84	7.61
GRS01073	6353075	675065	163	0.51	14	0.06	13.9	0.04	0.96	5.1	92	8.03
GRS01074	6353075	675105	121	0.52	18	0.07	19.2	0.05	0.95	5.1	83	8.12
GRS01075	6353075	675145	141.5	0.49	14	0.05	11.8	0.05	0.63	5.8	81	7.88
GRS01076	6353075	675185	146	0.53	7	0.04	11.7	0.05	0.63	4.6	84	8.07
GRS01077	6353075	675225	99.1	0.68	13	0.05	8.3	0.08	0.74	8.5	62	6.67
GRS01078	6353075	675305	91	0.45	9	0.03	9.1	0.04	0.42	4.9	86	7.84
GRS01079	6353075	675385	117.5	0.52	2	0.03	9.5	0.07	0.51	7	73	8.08
GRS01080	6352995	674585	119	0.44	8	0.05	11.7	0.1	0.62	8.3	75	7.06
GRS01081	6352995	674745	119	0.46	13	0.04	13.8	0.1	0.82	9.2	68	7.64
GRS01082	6352995	674905	140.5	0.89	11	0.09	9	0.05	5.18	6	100	8.35
GRS01083	6352995	675065	110.5	0.34	6	0.04	10	0.04	0.57	5.5	71	7.56
GRS01084	6352995	675225	127	0.47	10	0.05	11.7	0.08	0.65	6.3	65	7.7
GRS01085	6352995	675385	137.5	0.22	9	0.03	10.5	0.03	0.32	3	89	9.13
GRS01086	6352915	674585	146	0.43	9	0.04	16.2	0.05	0.71	6.2	89	7.75
GRS01088	6352915	674665	101.5	0.43	213	0.05	9.1	0.05	0.52	6.4	95	6.26
GRS01089	6352915	674745	125.5	0.64	3	0.1	10.4	0.04	1.12	5.6	122	6.69
GRS01090	6352915	674825	125.5	0.81	5	0.1	12.1	0.05	1.3	6	108	7.11
GRS01091	6352915	674865	144.5	0.72	9	0.09	9.2	0.04	1.15	5.8	107	8.04
GRS01092	6352915	674905	143	0.77	8	0.06	9.5	0.03	0.52	5.4	90	8.12
GRS01093	6352915	674945	144.5	0.48	3	0.05	20	0.05	0.57	6.3	73	8.52
GRS01094	6352915	674985	158	0.63	12	0.07	18.5	0.04	0.77	5	83	8.51
GRS01095	6352915	675025	125	0.42	9	0.07	17.7	0.05	1.93	5.2	75	7.73
GRS01096	6352915	675065	123	0.47	4	0.06	11.3	0.07	0.78	6.5	73	6.91
GRS01097	6352915	675105	69.5	0.43	7	0.04	11.5	0.04	0.74	5.4	78	7.03
GRS01098	6352915	675145	68	0.47	12	0.03	12.3	0.04	0.7	5.4	61	7.22
GRS01099	6352915	675185	91.7	0.46	3	0.04	10.8	0.05	0.69	6.3	61	7.32
GRS01100	6352915	675225	140	0.39	13	0.04	14.1	0.05	0.58	4.7	76	7.64
GRS01101	6352915	675305	114.5	0.41	10	0.07	8.6	0.03	0.39	4.1	88	7.72
GRS01102	6352915	675385	132	0.56	8	0.06	12.4	0.12	0.58	8.3	72	8.92
GRS01103	6352835	674705	129	0.35	16	0.04	11.8	0.06	0.54	6.7	87	8.13
GRS01104	6352835	674865	132	0.63	14	0.09	12.6	0.04	0.73	5	83	8.44
GRS01105	6352835	675025	127.5	0.4	10	0.05	10.7	0.04	0.48	5.1	67	8.16
GRS01106	6352835	675185	99.6	0.4	11	0.04	13.8	0.05	0.53	4.9	68	8.04
GRS01108	6352835	675345	114	0.39	10	0.04	13	0.08	0.58	6.8	71	8.13
GRS01109	6352755	674585	126.5	0.45	7	0.04	12.4	0.13	0.71	8.4	76	8.62
GRS01110	6352755	674665	103.5	0.37	14	0.06	12.2	0.04	0.44	5.2	88	7.11
GRS01111	6352755	674745	103	0.24	13	0.06	15	0.06	0.36	6.2	84	8.63
GRS01112	6352755	674825	173	0.39	8	0.05	11.4	0.05	0.69	4.9	88	8.69
GRS01113	6352755	674865	86.6	0.48	8	0.05	9.4	0.04	1.14	4.5	85	7.94
GRS01114	6352755	674905	131.5	0.38	9	0.1	20.6	0.03	0.85	5.2	79	7.69
GRS01115	6352755	674945	140	1.35	16	0.11	16.8	0.04	2.2	5.5	89	8.53
GRS01116	6352755	674985	134	0.7	11	0.1	9	0.04	0.95	4.6	64	7.63

SampleID	NAT_North	NAT_East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm	Fe_pct
GRS01117	6352755	675025	116	0.48	6	0.14	8.8	0.04	0.92	4.9	99	6.61
GRS01118	6352755	675065	92.1	0.3	9	0.04	13.4	0.04	0.51	4.6	81	7.67
GRS01119	6352755	675105	85.6	0.34	6	0.04	13.1	0.03	0.4	4.4	82	7.73
GRS01120	6352755	675145	121.5	0.45	7	0.04	10.6	0.04	0.66	6.1	79	8.31
GRS01121	6352755	675185	131	0.62	13	0.06	10.7	0.04	0.54	6.1	94	8.8
GRS01122	6352755	675225	106	0.57	4	0.04	8.6	0.05	1.17	7.2	94	7.68
GRS01123	6352755	675305	103.5	0.33	4	0.05	14.6	0.04	0.52	5.3	100	7.98
GRS01124	6352755	675385	114	0.46	10	0.05	11.3	0.09	0.7	7	74	7.53
GRS01125	6352675	674705	817	0.31	16	0.13	14.2	0.06	0.46	7.9	83	8.02
GRS01126	6352675	674865	143	0.3	13	0.05	11.3	0.04	0.33	5	81	8.11
GRS01128	6352675	675025	132.5	0.74	10	0.08	20.8	0.04	5.26	5.7	61	6.88
GRS01129	6352675	675185	159	0.57	3	0.05	14.1	0.04	1.29	6.5	89	7.92
GRS01130	6352675	675345	109.5	0.42	7	0.03	9.4	0.05	0.5	5.7	79	7.85
GRS01131	6352595	674585	97.9	0.38	3	0.06	8.6	0.05	0.4	6	82	5.03
GRS01132	6352595	674665	165	0.31	11	0.06	14.9	0.05	0.45	7	92	8.18
GRS01133	6352595	674745	124	0.29	9	0.06	8	0.06	0.39	5.9	71	6.63
GRS01134	6352595	674825	140	0.42	2	0.07	14.8	0.07	0.52	6.4	78	8.17
GRS01135	6352595	674865	173	0.29	5	0.06	14.4	0.05	0.59	4.9	75	8.45
GRS01136	6352595	674905	136	0.37	2	0.06	9.5	0.05	0.43	5.3	82	8.19
GRS01137	6352595	674945	140	0.43	10	0.09	13.8	0.05	0.54	6.3	89	8.05
GRS01138	6352595	674985	167	0.93	6	0.09	19.8	0.05	0.44	6.3	81	8.12
GRS01139	6352595	675025	109	0.43	8	0.05	13.6	0.03	0.65	5.1	85	8.06
GRS01140	6352595	675065	100.5	0.42	11	0.05	7.9	0.03	1.08	4.6	89	7.89
GRS01141	6352595	675105	137	0.48	3	0.1	7.5	0.04	2.93	5.8	94	8.18
GRS01142	6352595	675145	160	0.27	9	0.05	12.8	0.04	0.8	5.7	79	8.62
GRS01143	6352595	675185	119	0.47	12	0.05	10.6	0.05	1.59	6.2	80	7.14
GRS01144	6352595	675225	97.7	0.4	5	0.05	9.1	0.05	1.1	6.7	79	6.73
GRS01145	6352595	675305	117.5	0.26	5	0.04	9.1	0.03	0.4	4.3	81	7.56
GRS01146	6352595	675385	75.9	0.56	5	0.04	8.5	0.14	0.59	10.3	64	6.1
GRS01148	6352515	674705	141	0.19	9	0.07	14	0.07	0.47	5.6	79	7.51
GRS01149	6352515	674865	94.5	0.41	5	0.06	7.6	0.05	0.34	5.3	94	7.73
GRS01150	6352515	675025	158.5	0.24	9	0.07	9.8	0.04	0.79	5.1	92	8.11
GRS01151	6352515	675185	78.8	0.72	7	0.04	10.7	0.15	1.05	12.4	58	7.32
GRS01152	6352515	675345	83.7	0.87	5	0.05	10	0.22	0.74	14.3	73	6.49
GRS01153	6352435	674585	164.5	0.27	9	0.03	17.3	0.05	0.64	5.4	77	7.93
GRS01154	6352435	674665	87.6	0.29	4	0.04	9.9	0.06	0.63	6.3	72	5.33
GRS01155	6352435	674745	88.8	0.3	4	0.06	6.7	0.06	1.34	7	104	7.47
GRS01156	6352435	674825	92.7	0.53	4	0.05	7.6	0.07	0.38	7.3	95	5.29
GRS01157	6352435	674865	166	0.27	8	0.08	16.4	0.04	0.39	5.9	89	7.73
GRS01158	6352435	674905	101	0.52	9	0.07	6.1	0.06	0.39	5.8	98	5.6
GRS01159	6352435	674945	376	0.26	8	0.13	18.1	0.05	0.43	5.3	79	7.63
GRS01160	6352435	674985	94.2	0.57	4	0.06	6.5	0.07	0.36	6.2	98	6.12
GRS01161	6352435	675025	58.1	0.29	6	0.03	20	0.03	0.55	4.3	85	8.25
GRS01162	6352435	675065	108.5	0.3	4	0.05	10.6	0.04	0.37	4.6	86	8.26
GRS01163	6352435	675105	167	0.29	8	0.06	13.8	0.04	0.63	4.4	89	8.89
GRS01164	6352435	675145	120.5	0.43	5	0.05	13	0.08	0.77	7.3	77	7.67
GRS01165	6352435	675185	105	0.58	4	0.06	10.9	0.11	0.83	8.7	75	8.3
GRS01166	6352435	675225	95.8	0.55	3	0.05	10.6	0.12	0.78	8.8	69	7.82

SampleID	NAT_North	NAT_East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	As_ppm	Bi_ppm	Sb_ppm	Pb_ppm	Zn_ppm	Fe_pct
GRS01168	6352435	675305	76.6	0.8	3	0.05	9.5	0.2	0.78	14.4	62	6.68
GRS01169	6352435	675385	80.3	0.61	5	0.07	10.1	0.21	0.73	14.3	74	6.33
GRS01170	6352355	674705	132	0.34	4	0.04	11.7	0.04	0.56	5.4	102	6.85
GRS01171	6352355	674865	118.5	0.3	8	0.04	12	0.05	0.54	5.8	76	7.53
GRS01172	6352355	675025	158	0.55	5	0.11	11.7	0.06	0.56	7.1	103	7.29
GRS01173	6352355	675185	162	0.36	7	0.05	13.3	0.05	0.69	5.3	83	8.46
GRS01174	6352355	675345	79.1	0.48	3	0.04	8.6	0.08	1.06	7.6	85	7.99
GRS01175	6352275	674585	133	0.46	3	0.04	9.4	0.04	2.37	6.1	100	7.23
GRS01176	6352275	674665	100	0.36	5	0.05	8	0.05	0.75	5.7	99	7
GRS01177	6352275	674745	97.2	0.4	5	0.06	8.1	0.07	0.44	7.3	100	5.84
GRS01178	6352275	674825	118	0.32	5	0.04	8.7	0.05	0.5	6.6	114	7.35
GRS01179	6352275	674865	151	0.26	6	0.06	12.4	0.04	0.48	5.5	91	7.93
GRS01180	6352275	674905	94.4	0.29	5	0.05	9.9	0.04	0.57	5.7	74	7.08
GRS01181	6352275	674945	122.5	0.37	6	0.05	10.6	0.12	0.48	8	73	7.97
GRS01182	6352275	674985	77.7	0.25	75	0.03	13	0.04	0.46	4.1	114	8.37
GRS01183	6352275	675025	176.5	0.45	3	0.05	20.6	0.06	0.79	6.9	86	8.29
GRS01184	6352275	675065	114	0.43	2	0.05	14.9	0.06	0.31	5.9	84	6.91
GRS01185	6352275	675105	168.5	0.31	2	0.06	9.4	0.04	0.42	4.9	85	7.12
GRS01186	6352275	675145	139	0.38	2	0.05	6.1	0.04	0.39	4.7	77	6.76
GRS01188	6352275	675185	190	0.64	2	0.07	15	0.06	0.72	7.9	82	7.39
GRS01189	6352275	675225	138.5	0.44	2	0.05	13.8	0.07	0.57	6.5	78	7.37
GRS01190	6352275	675305	115.5	0.31	2	0.04	9.8	0.06	0.58	6	89	8.35
GRS01191	6352275	675385	124.5	0.24	2	0.03	9.1	0.07	0.34	5.6	87	8.99
GRS01192	6352195	674705	117.5	0.42	2	0.05	8.8	0.06	0.45	6	100	6.7
GRS01193	6352195	674865	130	0.19	2	0.02	9.7	0.06	0.39	5.6	85	7.06
GRS01194	6352195	675025	124	0.33	2	0.04	11.6	0.08	1.16	6.5	77	6.58
GRS01195	6352195	675185	93.7	0.4	2	0.04	13.4	0.08	0.47	6.5	79	7.7
GRS01196	6352195	675345	126.5	0.36	2	0.04	14.2	0.08	0.45	6.4	83	8.27

Appendix 3. Table of assay data for the northern Cu/Au area

SampleID	North	East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	Bi_ppm	Te_ppm	Fe_pct	Sn_ppm	Co_ppm	Ga_ppm	In_ppm	S_pct
GRS01197	6357240	675570	134.5	0.38	33	0.09	0.1	0.13	7.52	0.9	44.7	17.25	0.069	0.01
GRS01198	6357240	675690	133.5	0.48	27	0.09	0.26	0.31	7.57	0.9	39	17.55	0.072	0.03
GRS01199	6357240	675850	179.5	0.39	8	0.07	0.06	0.05	7.92	0.8	48.4	17.85	0.063	0.01
GRS01200	6357240	676010	87.9	0.52	5	0.04	0.05	0.07	5.81	0.7	22.5	15.2	0.061	0.01
GRS01201	6357160	675570	91.8	0.65	19	0.09	0.15	0.3	5.62	0.8	38.4	15.55	0.055	0.02
GRS01202	6357160	675610	136	0.45	23	0.09	0.17	0.22	8.32	1	42.5	18.2	0.088	0.02
GRS01203	6357160	675650	233	0.49	54	0.09	0.28	0.29	7.7	1	36.3	19.9	0.083	0.03
GRS01204	6357160	675690	150.5	0.52	47	0.06	0.19	0.23	7.67	1	45.1	18.45	0.096	0.02
GRS01205	6357160	675730	305	0.4	57	0.1	0.22	0.42	8.17	1	34.8	18.55	0.095	0.03
GRS01206	6357160	675770	195.5	0.52	77	0.25	0.4	0.38	7.62	0.6	49.6	14.9	0.092	0.02
GRS01207	6357160	675810	225	0.97	45	0.12	0.14	0.19	6.3	0.7	37.5	16.25	0.06	0.02
GRS01208	6357160	675850	129.5	0.39	7	0.08	0.06	0.05	6.36	0.7	28.4	15.95	0.053	0.01
GRS01209	6357160	675890	68.9	0.34	11	0.03	0.05	0.05	6.18	0.6	27.6	16.75	0.05	0.02
GRS01210	6357160	675930	61.3	0.31	7	0.06	0.06	0.05	5.17	0.6	19.3	13.6	0.043	0.01
GRS01211	6357160	675970	78.1	0.33	2	0.06	0.08	0.05	5.62	0.7	23.6	15.1	0.047	0.01
GRS01213	6357160	676010	71.5	0.36	5	0.09	0.08	0.05	5.09	0.7	21.7	14.7	0.049	0.01

SampleID	North	East	Cu_ppm	Mo_ppm	Au_ppb	Ag_ppm	Bi_ppm	Te_ppm	Fe_pct	Sn_ppm	Co_ppm	Ga_ppm	In_ppm	S_pct
GRS01214	6357160	676050	69.4	0.62	12	0.07	0.09	0.05	4.84	0.7	21.2	15.75	0.046	0.01
GRS01215	6357160	676090	62.9	0.33	17	0.05	0.08	0.05	4.61	0.7	13.2	16	0.059	0.01
GRS01216	6357080	675570	139	0.6	17	0.11	0.14	0.18	7.48	1.1	33.4	17.4	0.077	0.01
GRS01217	6357080	675690	218	0.94	62	0.08	0.12	0.24	7.83	1.1	31	19.3	0.1	0.02
GRS01218	6357080	675850	94.4	0.53	3	0.04	0.17	0.15	4.72	0.7	23.5	15.2	0.058	0.02
GRS01219	6357080	676010	110.5	0.41	26	0.1	0.11	0.05	5.67	0.8	24.7	18.7	0.067	0.02
GRS01220	6357000	675570	142.5	0.47	30	0.05	0.2	0.74	7.14	1	32.7	18.8	0.072	0.02
GRS01221	6357000	675610	216	0.55	45	0.08	0.24	0.5	8.44	1.1	30.8	20.7	0.081	0.02
GRS01222	6357000	675650	153	0.4	32	0.07	0.22	0.33	7.8	0.9	36.2	18.3	0.112	0.02
GRS01223	6357000	675690	128.5	0.42	25	0.06	0.12	0.12	7.76	0.8	36.3	20.3	0.074	0.02
GRS01224	6357000	675730	178.5	0.58	25	0.07	0.25	0.38	9.22	1.1	44.9	16.8	0.09	0.01
GRS01225	6357000	675770	119.5	0.73	20	0.06	0.18	0.15	6.62	0.8	35.1	15.1	0.062	0.01
GRS01226	6357000	675810	259	0.45	52	0.05	0.24	0.35	6.56	1.2	31.5	17.2	0.144	0.01
GRS01227	6357000	675850	204	0.68	37	0.13	0.21	0.31	5.18	0.7	28.4	16.35	0.044	0.02
GRS01229	6357000	675890	36.1	0.25	15	0.02	0.11	0.34	3.75	0.5	9.7	14.65	0.036	0.01
GRS01230	6357000	675930	80.1	0.23	17	0.06	0.19	0.3	5.25	0.8	18.1	16.3	0.084	0.01
GRS01231	6357000	675970	150.5	0.41	24	0.13	0.2	0.14	6.04	1	30	17	0.107	0.02
GRS01232	6357000	676010	98.4	0.51	27	0.09	0.17	0.26	5.88	0.8	25	16.3	0.082	0.02
GRS01233	6357000	676050	92.1	0.54	20	0.13	0.18	0.21	6.21	0.9	25.4	15.3	0.078	0.01
GRS01234	6357000	676090	125.5	0.41	6	0.08	0.08	0.08	6.55	0.8	24.1	15.45	0.073	0.01
GRS01235	6356920	675570	198	0.5	15	0.06	0.09	0.05	7.26	1	31.6	19.7	0.081	0.02
GRS01236	6356920	675690	145.5	0.44	34	0.06	0.13	0.35	9.09	1.1	36.2	20.4	0.146	0.01
GRS01237	6356920	675850	72.1	0.68	12	0.02	0.1	0.06	6.31	1	24.6	15.95	0.046	0.01
GRS01238	6356920	676010	100.5	0.35	16	0.06	0.14	0.11	5.53	1	26.3	15.25	0.091	0.01
GRS01239	6356840	675570	156.5	0.4	2	0.07	0.04	0.05	6.62	1	29.8	15.55	0.054	0.02
GRS01240	6356840	675610	131.5	0.48	14	0.09	0.08	0.08	7.2	0.8	39.4	17.05	0.071	0.01
GRS01241	6356840	675650	74.2	0.38	17	0.05	0.09	0.14	6.71	0.6	39.7	15.05	0.048	0.01
GRS01242	6356840	675690	165	0.49	41	0.07	0.18	0.33	7.79	0.9	38.4	17.85	0.074	0.02
GRS01243	6356840	675730	129.5	0.78	60	0.07	0.2	0.22	7.43	1	36.8	16.15	0.079	0.01
GRS01245	6356840	675770	164	0.58	20	0.05	0.03	0.05	7.51	0.9	28.2	18.25	0.052	0.01
GRS01246	6356840	675810	153	0.63	13	0.05	0.03	0.05	6.68	0.9	26.7	16.15	0.055	0.01
GRS01247	6356840	675850	222	1.19	53	0.05	0.03	0.05	5.49	1.1	25.1	16.4	0.052	0.01
GRS01248	6356840	675890	141	0.64	43	0.03	0.04	0.05	4.46	0.8	18.3	16.45	0.026	0.02
GRS01249	6356840	675930	106.5	0.57	29	0.06	0.05	0.05	5.18	0.8	30	13.05	0.036	0.01
GRS01250	6356840	675970	55.5	0.3	15	0.02	0.1	0.17	5.24	0.8	19.1	17.75	0.049	0.01
GRS01251	6356840	676010	129	0.42	14	0.06	0.15	0.24	5.68	0.9	28.7	15.45	0.072	0.02
GRS01252	6356840	676050	104.5	0.46	42	0.06	0.11	0.15	6.04	0.8	30.2	15.45	0.087	0.01
GRS01253	6356760	675850	74.9	0.36	17	0.03	0.03	0.05	6.29	1	19.1	17.5	0.046	0.01
GRS01254	6356760	676010	132.5	0.45	20	0.07	0.12	0.34	6.03	1	29.8	16.55	0.062	0.02

Appendix 4. Table of previous explorers

Title_Ref	Company	Start Date	End Date	Elements
EL0047	AFI HOLDINGS LIMITED	1-Sep-66	1-Sep-67	P Cu Pb Zn
EL0027	ANACONDA AUSTRALIA INC	1-Oct-66	1-Oct-68	Au Ag Cu Mo Pb Zn
EL0099	QUARRIES PTY LIMITED	1-May-67	1-May-68	Phosphate Cu
EL0259	AQUITAINE AUSTRALIA MINERALS PTY LIMITED	1-Mar-70	1-Sep-74	Cu Pb Zn Ni
EL0316	AMAX IRON ORE CORPORATION	7-Aug-70	7-Feb-73	Cu Pb Zn
EL0317	AMAX IRON ORE CORPORATION	7-Aug-70	7-Feb-73	Cu Pb Zn
EL0331	COMMAND MINERALS NL	1-Oct-70	1-Oct-71	Cu Pb Zn
EL0541	WOODSREEF ASBESTOS MINES LIMITED	1-Oct-72	1-Oct-73	Cu Pb Zn
EL0631	UNION CORPORATION (AUSTRALIA) PTY LIMITED	1-Sep-73	1-Sep-74	Cu Zn Au
EL0661	GEOPEKO LIMITED	1-Dec-73	1-Aug-74	Pb Zn Cu
EL0720	GEOPEKO LIMITED	1-Dec-74	1-May-75	Cu Pb Zn
EL0749	AQUITAINE AUSTRALIA MINERALS PTY LIMITED	1-Feb-75	1-Feb-77	Cu Pb Zn
EL0845	LE NICKEL (AUSTRALIA) PTY LIMITED	1-Dec-75	1-Dec-76	Cu Pb Zn
EL1075	AMOCO MINERALS AUSTRALIA COMPANY	1-Jan-77	1-Dec-81	Cu Pb Zn Ag Au
EL1675	TECK EXPLORATIONS LIMITED	1-Jul-81	1-Jul-83	Cu Pb Zn
EL1916	SHELL COMPANY OF AUSTRALIA LIMITED	1-Mar-82	1-Mar-85	Cu Pb Zn Au Ag
EL1912	NORANDA AUSTRALIA LIMITED	1-Jul-82	1-Jul-83	Cu Pb Zn
EL2243	MOUNT ISA MINES LIMITED	1-Jun-84	1-Jun-85	Au
EL2301	PLACER PACIFIC PTY LIMITED	1-Nov-84	1-May-86	Au
EL2302	PLACER PACIFIC PTY LIMITED	1-Nov-84	1-May-86	Au
EL2759	INTERNATIONAL MINING CORPORATION N L	1-Nov-86	1-Jul-89	Au
EL2777	BHP GOLD MINES LIMITED	1-Nov-86	1-Sep-89	Au
EL2731	BATHURST BRICK COMPANY LIMITED	1-Dec-86	1-Dec-87	Dimension Stone Marble
EL2636	ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED	1-Dec-86	1-Aug-88	Au
EL2906	NORGOLD LIMITED	1-Aug-87	1-Jan-90	Au Ag
EL2908	NORGOLD LIMITED	1-Aug-87	1-Jan-90	Au Ag
EL2930	BHP MINERALS LIMITED	1-Oct-87	1-Oct-89	Au
EL3149	CYPRUS AMAX AUSTRALIA CORPORATION,NEWCREST MINING LIMITED	18-Aug-88	17-Aug-95	Au Cu
EL3549	HOMESTAKE AUSTRALIA LIMITED	1-Jun-90	1-Aug-90	Au Cu
EL3683	NEWCREST MINING LIMITED	1-Nov-90	1-Nov-91	Cu Au
EL3676	HOMESTAKE AUSTRALIA LIMITED	1-Nov-90	1-May-91	Au
EL3675	HOMESTAKE AUSTRALIA LIMITED	13-Nov-90	22-Nov-91	Ag As Au Bi Cu Mo Pb W
EL3728	CYPRUS AMAX AUSTRALIA	3-Jan-91	2-Jan-95	Ag Au Cu Pb Zn
EL4043	CRA EXPLORATION PTY LIMITED	3-Sep-91	2-Sep-95	Au Cu Pb Zn
EL4226	CRA EXPLORATION PTY LIMITED	11-Mar-92	10-Mar-94	Ag Au Cu Pb Zn
EL4271	RIO TINTO EXPLORATION PTY LIMITED	18-May-92	16-Feb-94	Au Cu
EL4588	CRA EXPLORATION PTY LIMITED	14-Sep-93	13-Sep-95	Au Cu Zn
EL4746	CRA EXPLORATION PTY LIMITED	9-Dec-94	8-Dec-96	Au Cu
EL5008	NEWCREST MINING LIMITED	14-May-96	13-May-98	Au Cu
EL5009	NEWCREST MINING LIMITED	14-May-96	13-May-98	Ag Au Cu Pb Zn

Title_Ref	Company	Start Date	End Date	Elements
EL5030	DELTA GOLD EXPLORATION PTY LTD,TRI ORIGIN AUSTRALIA NL	31-May-96	30-May-98	Ag Au Cu Pb Zn
EL5174	LFB RESOURCES NL	23-Dec-96	22-Dec-98	Au Cu
EL5208	MICHELAGO RESOURCES NL	5-Feb-97	4-Feb-99	
EL5249	LFB RESOURCES NL	5-Mar-97	4-Mar-99	Au Cu
EL4234	LFB RESOURCES NL	31-Mar-98	8-Mar-99	Au Cu
EL5531	NORTH MINING LIMITED	20-Oct-98	19-Oct-00	
EL5658	ALKANE EXPLORATION LTD	15-Dec-99	28-Feb-01	Au Cu
EL5722	GOLDEN CROSS OPERATIONS PTY. LTD.	5-May-00	10-Mar-05	Au Cu
EL6053	FALCON MINERALS LIMITED	14-Feb-03	13-Feb-05	Au Cu
EL6078	HERRESHOFF HOLDINGS PTY LTD	8-May-03	27-Jun-06	Limestone Marble
EL6181	CLANCY EXPLORATION LIMITED	19-Jan-04	18-Jan-16	Au Cu Zn
EL6180	CLANCY EXPLORATION PTY LTD	19-Jan-04	18-Jan-08	Au Cu
EL6240	COMET RESOURCES LIMITED	17-May-04	16-May-12	Au Ag Cu Pb Zn
EL6425	LADY BURBETT MINING PTY LIMITED	27-May-05	19-Nov-12	Cu Au Pb Zn Mo Ag
EL6460	AUSTRALIAN DOLOMITE COMPANY PTY LIMITED	22-Aug-05	7-Dec-10	Marble
EL6520	AUSTRALIAN DOLOMITE COMPANY PTY LIMITED	21-Feb-06	20-Feb-10	Marble
EL6567	MERIDIAN ACQUISITIONS PTY LTD	25-May-06	1-Nov-13	Cu Au
EL6615	GOLDEN CROSS OPERATIONS PTY. LTD.	23-Aug-06	22-Aug-08	Au Cu
EL6674	GUM RIDGE MINING PTY LIMITED	5-Dec-06	19-Nov-12	Au Cu
EL6968	COMMISSIONERS GOLD LIMITED	26-Nov-07	20-Sep-10	Cu Au Ag Base Metals
EL7060	NEWMONT EXPLORATION PTY LTD	4-Feb-08	25-Sep-12	Au Cu
EL7231	IMPERIAL GOLD 1 PTY LTD	31-Oct-08	19-Nov-12	Cu Au
EL7235	ALKANE RESOURCES LTD	7-Nov-08	14-Aug-13	Au
EL7284	NEWMONT EXPLORATION PTY LTD	5-Feb-09	25-Jan-11	Au
EL7359	NEWMONT EXPLORATION PTY LTD	7-Jul-09	7-Jul-11	Au
EL7383	ALKANE RESOURCES LTD	11-Aug-09	11-Aug-13	Au
EL7399	CLANCY EXPLORATION LIMITED	28-Sep-09	28-Sep-17	Au Cu
EL7466	NEWMONT EXPLORATION PTY LTD	5-Mar-10	14-Dec-10	
EL7713	OAKLAND RESOURCES LIMITED	23-Feb-11	21-Jan-13	
EL7755	OAKLAND RESOURCES LIMITED	31-May-11	4-Sep-12	
EL7788	NEWMONT EXPLORATION PTY LTD	16-Jun-11	4-Jun-14	Au Cu
EL7925	NEWMONT EXPLORATION PTY LTD	2-May-12	2-May-14	Au Cu
EL7971	ALKANE RESOURCES LTD	4-Oct-12	9-Dec-14	Cu Au Base Metals
EL8253	SANDFIRE RESOURCES NL	3-Apr-14	4-Jul-15	
EL8350	SANDFIRE RESOURCES NL	12-Mar-15	4-Jul-15	Au
EL6417	AUSMON RESOURCES LTD	17-May-15	16-May-15	Au Cu Ag Sn