

ASX ANNOUNCEMENT

ASX & Media Release

7 December 2020

ASX Symbol

GRL

Godolphin Resources Limited

Unit 13, 11-19 William Street
Orange NSW 2800PO Box 9497
Orange East NSW 2800
Australia

Telephone

+61 2 6318 8144

Email

info@godolphinresources.com.au

Website

www.godolphinresources.com.au

Directors

Jeremy Read
Non-Executive ChairIan Buchhorn
Non-Executive DirectorDoug Menzies
Non-Executive Director

Management

David Greenwood
Chief Executive Officer

Issued Capital

Fully Paid Ordinary Shares
79,763,654Unlisted options
exercisable at \$0.25
20,000,000exercisable at \$0.20
27,841,858

ACN 633 779 950

COPPER HILL EAST EXPLORATION UPDATE

- Following the discovery of a copper-gold porphyry system at the Turrawonga Prospect, with an intersection of 32m @ 0.29g/t gold & 0.13% copper in drill hole CHERC012, two further RC drill holes (CHERC010 & CHERC013) have been completed, infilling the initial drill coverage.
- Both drill holes intersected multiple intrusions with pyrite, variably disseminated chalcopyrite and occasional bornite.
- As with CHERC011 & CHERC012, the latest drill holes indicate the periphery of a porphyry-related gold-copper system. Assay results are awaited.
- CHERC012 & CHERC013 will be deepened with diamond tails (commenced) after which a deep diamond drill (DD) hole will be drilled from surface.
- Assay results recently received for RC drilling at the Lyons Prospect native copper area show low tenor copper mineralisation which doesn't yet explain the native copper found on surface and will be the subject of follow up work.

Godolphin Resources Ltd (ASX: GRL) ("Godolphin") is pleased to announce an exploration update for the Copper Hill East ("CHE") Project.

The Phase 1 RC drill programme at the Turrawonga Prospect at CHE completed two drill holes (CHERC011 & CHERC012) which intersected a pyrite halo and localised areas of potassic alteration, typically indicating zoning proximity to porphyry-related gold-copper style mineralisation. CHERC012 previously reported **32 metres @ 0.29g/t gold & 0.13% copper & including 12m @ 0.45g/t gold & 0.22% copper** ([see ASX announcement 20 October 2020](#)).

The Phase 1 programme has been followed up with two further RC drill holes CHERC010 & CHERC013, which again intersected intrusions displaying abundant alteration, with strong pyrite and variably disseminated chalcopyrite and bornite. The RC chips have been sent for assay. Two of the four RC drill holes at the Turrawonga Prospect (CHERC012 & CHERC013) are now being deepened with diamond drill (DD) tails. Following the completion of these diamond tails, a new DD hole is planned.

Assay results have been recently received from the nearby native copper area at the Lyons Prospect, which show low tenor copper mineralisation. These assay results do not fully explain the native copper sampled on surface. Further geological follow up work is required and planned for early 2021.

Godolphin's CEO – David Greenwood commented:

"The latest drill holes at the Turrawonga Prospect continue to suggest we are on the margins of a gold-copper porphyry-style mineralised system. We look forward to deepening these holes with diamond tails. This should give us a better understanding of the style and orientation of mineralisation as well as structure with the objective of vectoring into the higher grade core of the porphyry system."

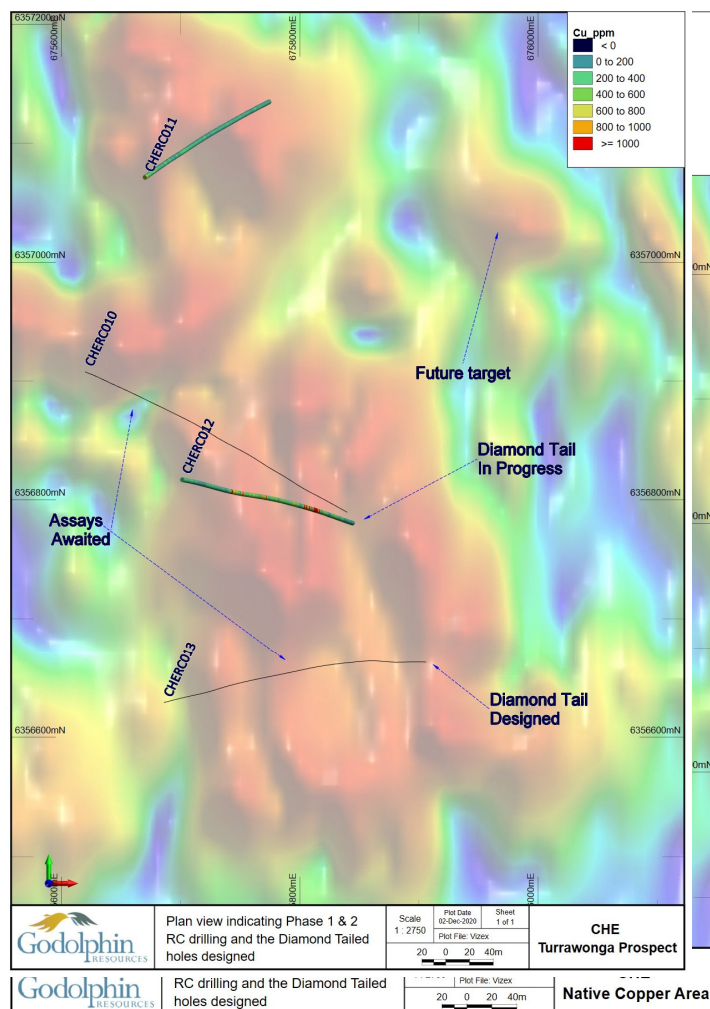


Figure 1: Plan showing drill hole locations

magnetite alteration with moderate quartz vein development, indicative of a high temperature porphyry-proximal environment. Chalcopyrite occurs disseminated in the monzonite and on fractures. The occurrence of high temperature K-feldspar-magnetite alteration, along with disseminated and quartz vein hosted chalcopyrite ± bornite, indicates that CHERC012 had intersected a fertile porphyry-related hydrothermal system.

Phase 2 drill programme Turrawonga Prospect

Due to the significance of these initial results at the Turrawonga Prospect, Godolphin expedited follow up drilling. Two new deep RC holes CHERC010 (456m) & CHERC013 (432m) were drilled in November with the objective of vectoring toward the centre of the porphyry system. CHERC010 & CHERC013 again intersected intrusive rocks displaying strong alteration, with strong pyrite and variably disseminated chalcopyrite and bornite. The RC chips have been sent to the laboratory for assay and results are awaited.

Two of the four RC drill holes completed at the Turrawonga Prospect (CHERC012 & CHERC013) are now being deepened with diamond tails and a new DD hole CHEDD1 is planned after these diamond tails are completed. The diamond drilling will provide orientated core and should provide a better understanding of the style and orientation of mineralisation, and host structures, with the objective of vectoring into the core of the porphyry 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, 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.

Phase 1 drill programme Turrawonga Prospect

The Phase 1 RC drill program at CHE was completed in September 2020, testing the gold-copper-in-soil and magnetic anomalies at the Turrawonga Prospect in the north of CHE (Figure 1) for porphyry gold-copper style mineralisation (two drill holes).

Assay results received for the two RC drill holes (CHERC011 and 12) at the Turrawonga Prospect included a very significant assay result of **32m @ 0.29g/t gold and 0.13% copper from 210 metres in CHERC012** ([ASX release 20 October 2020](#)). Drill chips from CHERC012 exhibited multiple monzonite dykes which have intruded volcanoclastic sandstone and andesite of the host Fairbridge Volcanics. These intrusions exhibit a moderate to strong hematite dusted feldspathic matrix, and locally K-feldspar and

RC drill Results Lyons Prospect

In September, nine RC holes CHERC1 to CHERC9 (Figure 2) were completed for a total of 816 meters at the Lyons Prospect (Native Copper area). Visual observations did not show a clear indication of mineralisation in terms of dimensions and orientation, however the targeted native copper was observed in RC chips. The geology consisted mostly of lithic and monomict volcanic conglomerates with one narrow interval of mafic volcanic lavas also being logged in CHERC008.

Assay results have now been received for these RC holes and show low tenor copper mineralisation (see attached Table 1). The results don't fully explain the native copper found on surface & further follow up work is required.

The current geological model under investigation for the Lyons Prospect is that of the "Red Bed" style native copper deposits found in (amongst others) Michigan (USA). This deposit style occurs as both sediment and volcanic hosted Red Bed deposits and the Lyons Prospect demonstrates a number of criteria associated with this style of deposit. The first phase of drilling tested areas highlighted by native copper found in numerous large rock float specimens. The origin of the mineralised rocks is not clear after the first phase of drilling, and GRL are currently investigating this.

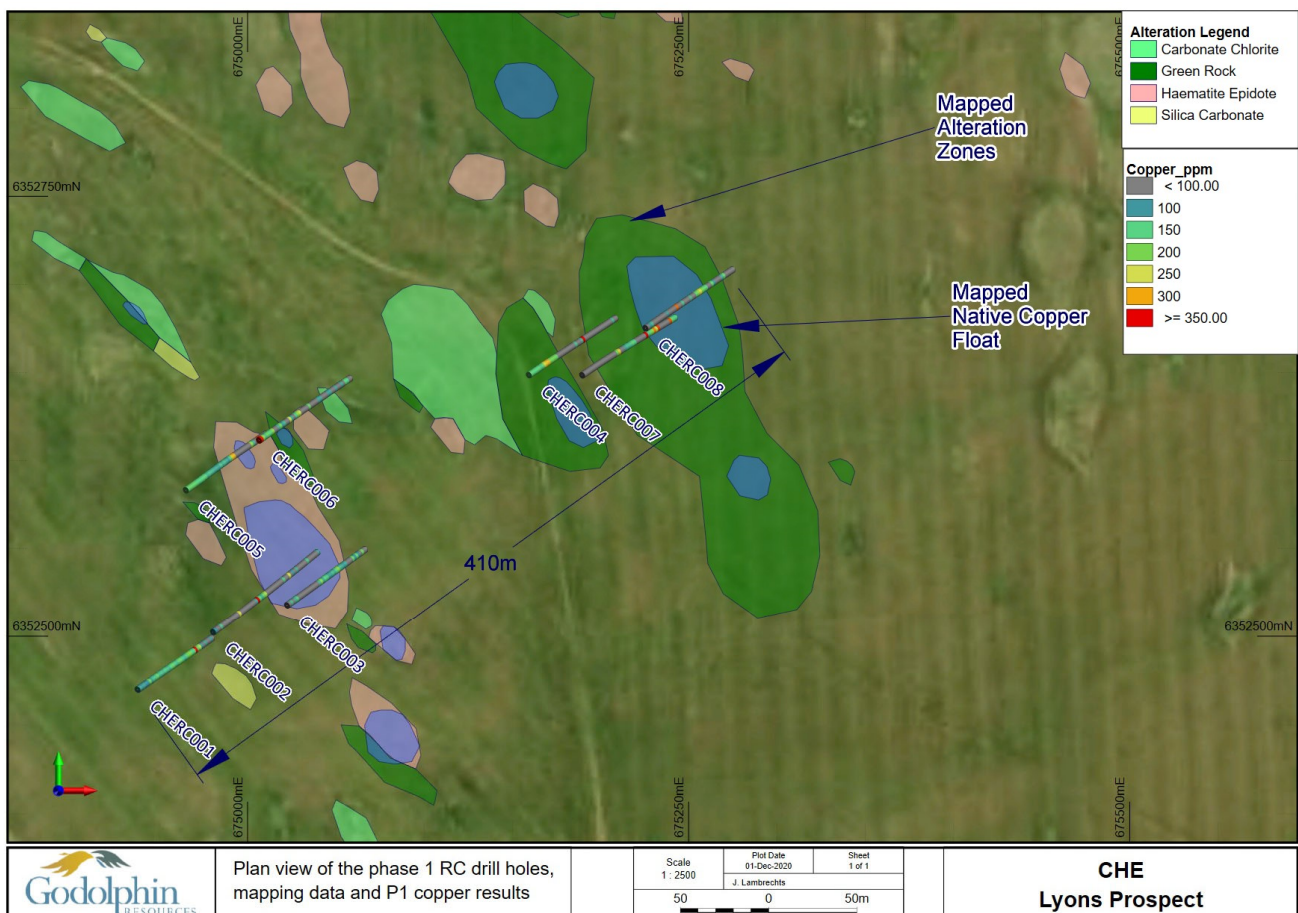


Figure 2: Drill hole locations Lyons Prospect

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm
CHERC002	46	48	0.02	0.14	6.6	555	0.9
CHERC004	54	56	0.01	0.04	10.2	420	1.0
CHERC007	64	66	0.02	0.06	7.8	367	1.1
CHERC006	0	2	0.01	0.09	7.4	348	0.9
CHERC001	58	60	0.01	0.12	8.4	344	1.1
CHERC005	74	76	0.02	0.06	13.0	341	1.1
CHERC007	76	78	0.01	0.07	7.2	334	0.9
CHERC007	88	90	0.02	0.07	6.8	326	1.3
CHERC008	30	32	0.02	0.06	10.4	321	1.5
CHERC007	72	74	0.03	0.08	7.0	314	2.2

Table 1: Lyons Prospect assay associations

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 3,200km² 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 godolphinresources.com.au or contact:

David Greenwood
 CEO Godolphin Resources Limited
 Tel +61 438 948 643

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
<i>Sampling techniques</i>	- 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 2 meter down hole interval basis. - Each 1m interval was split using a conical splitter resulting in a smaller 2-4kg and larger 20-25kg sample. - When using 2m composites, the assay sample from each 1m interval were combined. - A representation of the rock chips from each 1m interval was also collected and stored in RC chip trays for later use. - Each interval was scanned with a Niton XRF scanner and the data recorded. <u>NOTE: The XRF scanner does not record gold values and the data collected was not used for reporting purposes</u>, but rather to inform the geologist of potential increase of trace element values, which in turn help prevent the potential of stopping the hole in unseen mineralization. The XRF data can also be useful in rock classification. - All sampling lengths and other logging data was recorded in GRL's standard sampling record spreadsheets. Data includes from and to measurements, colour, lithology, magnetic susceptibility, structures etc. Visible sulphide content was logged as well as alteration and weathering. - Industry standard practice was used in the processing of samples for assay, with 1-2m intervals of RC chips collected in green plastic and calico bags.
<i>Drilling techniques</i>	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details.	- In this program, reverse circulation (RC) drill holes were used. Hole dip was 50°. - RC drilling was performed with a face sampling hammer (bit diameter between 4½ and 5 ¼ inches) and samples were collected by a cone splitter.
<i>Drill sample recovery</i>	Method of recording and assessing core and chip sample recoveries and results assessed.	- RC chip sample recovery was recorded by visual estimation of the reject sample, expressed as a percentage recovery. - Overall estimated recovery was high. - All samples (apart from the first interval) were dry as a result of appropriate air pressure and volume and the lack of major ground water. - Measures taken to ensure maximum RC sample recoveries included maintaining a clean cyclone and drilling equipment, using water injection at times of reduced air circulation, as well as regular communication with the drillers and slowing drill advance rates when variable to poor ground conditions are encountered.
<i>Logging</i>	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 chips were geologically logged at 1m intervals with detailed recording of lithology, alteration, mineralisation and other observations such as colour, moisture and recovery. Drill chips were collected and sieved before being placed into reference chip trays for visual logging at 1m intervals. - Logging was performed at the time of drilling, and planned drill hole target lengths adjusted by the geologist during drilling. The geologist also oversaw all sampling and drilling practices. A small selection of representative chips were collected for every 1 meter interval and stored in chip-trays as well as a representative split of mineralised areas stored for potential future use.
<i>Sub-sampling techniques and sample preparation</i>	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	2m composite samples were recovered using a rig mounted cone splitter during drilling into a calico sample bag. Sample target weight was between 4 and 5kg. - 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. Duplicate samples were taken using the same sample sub sample technique as the original sub sample and inserted at the geologists discretion. Sample sizes are appropriate for the nature of mineralisation.

ASX ANNOUNCEMENT

<i>Quality of assay data and laboratory tests</i>	- 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 lack of bias) and precision have been established.	- 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. Au1, Pd, Pt have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry. - 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).
<i>Verification of sampling and assaying</i>	- 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.
<i>Location of data points</i>	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 10cm accuracy using a Trimble GPS. - Down Hole Survey - Down hole surveys were conducted using a Boart Longyear down hole camera lowered within the rods and readings for azimuth and dip taken at 30m intervals. A stainless-steel rod was used in the drill string allowing for accurate recording.
<i>Data spacing and distribution</i>	- 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 holes reported in this report are the first drilled in this prospect.
<i>Orientation.r.t geological structure</i>	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.
<i>Sample security</i>	The measures taken to ensure sample security.	- All samples were collected and accounted for by GRL employees/consultants during drilling. All samples were bagged into calico plastic bags and closed with cable ties. Samples were transported to Orange from logging site by GRL employees/ consultants and submitted directly to the lab. - 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.
<i>Audits or reviews</i>	The results of any audits or reviews of sampling techniques and data.	No Audits have been conducted on the historic data to our knowledge.

ASX ANNOUNCEMENT



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.	<u>Copper Hill East</u> - 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. - 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 volcanics 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 volcanoclastic siltstones and sandstones, intercalated with lesser lavas, intrusives, volcanoclastic 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:	<table><tr><th>HoleID</th><th>Hole_ Type</th><th>Depth</th><th>Lease ID</th><th>OrigGridID</th><th>MGA_East</th><th>MGA_North</th><th>MGA_RL</th><th>Dip</th><th>MGA_Azi</th></tr><tr><td>CHERC001</td><td>RC</td><td>78</td><td>EL8556</td><td>MGA94_55</td><td>674,938</td><td>6,352,470</td><td>508</td><td>-50</td><td>55</td></tr><tr><td>CHERC002</td><td>RC</td><td>114</td><td>EL8556</td><td>MGA94_55</td><td>674,981</td><td>6,352,502</td><td>514</td><td>-50</td><td>55</td></tr><tr><td>CHERC003</td><td>RC</td><td>84</td><td>EL8556</td><td>MGA94_55</td><td>675,023</td><td>6,352,518</td><td>516</td><td>-50</td><td>55</td></tr><tr><td>CHERC004</td><td>RC</td><td>90</td><td>EL8556</td><td>MGA94_55</td><td>675,160</td><td>6,352,648</td><td>517</td><td>-50</td><td>55</td></tr><tr><td>CHERC005</td><td>RC</td><td>84</td><td>EL8556</td><td>MGA94_55</td><td>674,965</td><td>6,352,583</td><td>521</td><td>-50</td><td>55</td></tr><tr><td>CHERC006</td><td>RC</td><td>96</td><td>EL8556</td><td>MGA94_55</td><td>675,007</td><td>6,352,611</td><td>523</td><td>-50</td><td>55</td></tr><tr><td>CHERC007</td><td>RC</td><td>96</td><td>EL8556</td><td>MGA94_55</td><td>675,190</td><td>6,352,648</td><td>517</td><td>-50</td><td>55</td></tr><tr><td>CHERC008</td><td>RC</td><td>90</td><td>EL8556</td><td>MGA94_55</td><td>675,226</td><td>6,352,675</td><td>517</td><td>-50</td><td>55</td></tr><tr><td>CHERC009</td><td>RC</td><td>84</td><td>EL8556</td><td>MGA94_55</td><td>674,911</td><td>6,353,529</td><td>514</td><td>-50</td><td>55</td></tr></table>	HoleID	Hole_ Type	Depth	Lease ID	OrigGridID	MGA_East	MGA_North	MGA_RL	Dip	MGA_Azi	CHERC001	RC	78	EL8556	MGA94_55	674,938	6,352,470	508	-50	55	CHERC002	RC	114	EL8556	MGA94_55	674,981	6,352,502	514	-50	55	CHERC003	RC	84	EL8556	MGA94_55	675,023	6,352,518	516	-50	55	CHERC004	RC	90	EL8556	MGA94_55	675,160	6,352,648	517	-50	55	CHERC005	RC	84	EL8556	MGA94_55	674,965	6,352,583	521	-50	55	CHERC006	RC	96	EL8556	MGA94_55	675,007	6,352,611	523	-50	55	CHERC007	RC	96	EL8556	MGA94_55	675,190	6,352,648	517	-50	55	CHERC008	RC	90	EL8556	MGA94_55	675,226	6,352,675	517	-50	55	CHERC009	RC	84	EL8556	MGA94_55	674,911	6,353,529	514	-50	55
HoleID	Hole_ Type	Depth	Lease ID	OrigGridID	MGA_East	MGA_North	MGA_RL	Dip	MGA_Azi																																																																																													
CHERC001	RC	78	EL8556	MGA94_55	674,938	6,352,470	508	-50	55																																																																																													
CHERC002	RC	114	EL8556	MGA94_55	674,981	6,352,502	514	-50	55																																																																																													
CHERC003	RC	84	EL8556	MGA94_55	675,023	6,352,518	516	-50	55																																																																																													
CHERC004	RC	90	EL8556	MGA94_55	675,160	6,352,648	517	-50	55																																																																																													
CHERC005	RC	84	EL8556	MGA94_55	674,965	6,352,583	521	-50	55																																																																																													
CHERC006	RC	96	EL8556	MGA94_55	675,007	6,352,611	523	-50	55																																																																																													
CHERC007	RC	96	EL8556	MGA94_55	675,190	6,352,648	517	-50	55																																																																																													
CHERC008	RC	90	EL8556	MGA94_55	675,226	6,352,675	517	-50	55																																																																																													
CHERC009	RC	84	EL8556	MGA94_55	674,911	6,353,529	514	-50	55																																																																																													

ASX ANNOUNCEMENT



Criteria	JORC Code explanation	Commentary
Data aggregation methods	<i>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.</i> <i>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.</i>	No grade aggregation, weighting, or cut-off methods were used for this announcement.
Relationship between mineralization widths and intercept lengths	<i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i>	Early stage exploration means that these relationships are unknown. .
Diagrams	<i>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.</i>	Maps incorporated into the announcement.
Balanced reporting	<i>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.</i>	Not applicable to this report. All results are reported in the text or in the associated appendices. NOTE: Appendix2 includes selected elements from all samples submitted for assay, Should further data/elements ber required, please contact GRL with your request. The board will concider each request individually.
Other substantive exploration data	<i>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.</i>	GRL have completed soil geochemical sampling as well as a ground magnetic study on this prospect.
Further work	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>	Currently under assessment. Follow-up work is required, as mentioned in body of the announcement.

Appendix 2. Table of assay data for the northern Cu/Au area (Lyons Prospect)

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC001	0	2	0.01	0.06	20.4	113	0.9	100	5.5	76,600
CHERC001	2	4	0.01	0.04	11.0	110	1.0	100	5.0	79,300
CHERC001	4	6	0.01	0.04	9.0	113	0.6	94	5.0	74,300
CHERC001	6	8	0.01	0.04	7.0	101	0.7	104	3.5	71,600
CHERC001	8	10	0.01	0.03	8.6	105	0.6	84	3.5	77,000
CHERC001	10	12	0.01	0.04	13.2	188	1.9	82	4.5	83,000
CHERC001	12	14	0.01	0.04	10.4	114	1.1	82	3.5	80,500
CHERC001	14	16	0.01	0.05	12.4	140	1.1	82	3.5	81,500
CHERC001	16	18	0.01	0.05	13.2	140	1.1	86	4.0	77,400
CHERC001	18	20	0.01	0.07	13.6	173	1.6	100	4.5	80,000
CHERC001	20	22	0.01	0.06	15.8	132	1.9	122	9.0	76,200
CHERC001	22	24	0.01	0.03	11.2	142	2.4	108	6.5	73,500
CHERC001	24	26	0.01	0.04	8.6	132	1.6	126	4.0	75,900
CHERC001	26	28	0.01	0.05	5.4	146	1.4	100	6.5	74,200
CHERC001	28	30	0.01	0.06	7.2	140	1.0	88	6.0	70,200
CHERC001	30	32	0.01	0.05	5.2	135	0.8	104	4.5	70,600
CHERC001	32	34	0.01	0.06	3.4	152	0.6	82	3.5	63,900
CHERC001	34	36	0.01	0.07	2.8	177	0.8	88	4.5	67,700
CHERC001	36	38	0.01	0.06	2.8	147	1.0	94	4.5	61,300
CHERC001	38	40	0.01	0.05	2.6	134	1.0	84	4.0	74,300
CHERC001	40	42	0.01	0.07	3.2	172	1.0	86	3.5	74,900
CHERC001	42	44	0.01	0.05	5.4	177	1.0	90	4.0	70,900
CHERC001	44	46	0.01	0.05	7.0	149	1.8	80	3.0	68,800
CHERC001	46	48	0.01	0.03	16.0	136	1.4	80	3.0	70,600
CHERC001	48	50	0.01	0.03	14.6	144	1.3	84	3.0	71,600
CHERC001	50	52	0.01	0.07	8.8	196	1.1	80	3.5	75,500
CHERC001	52	54	0.01	0.08	24.6	209	1.4	82	4.0	72,600
CHERC001	54	56	0.01	0.02	17.2	152	1.3	84	3.5	71,300
CHERC001	56	58	0.01	0.04	8.0	162	1.4	84	3.5	68,300
CHERC001	58	60	0.01	0.12	8.4	344	1.1	82	4.0	71,700
CHERC001	60	62	0.01	0.05	7.4	167	1.1	86	3.5	66,300
CHERC001	62	64	0.01	0.06	6.4	243	1.1	80	3.0	69,200
CHERC001	64	66	0.01	0.03	6.2	109	1.1	80	3.5	71,100
CHERC001	66	68	0.01	0.02	6.2	92	1.6	84	3.5	78,400
CHERC001	68	70	0.01	0.02	6.8	114	1.1	84	3.5	82,200
CHERC001	70	72	0.01	0.02	6.6	81	1.0	90	3.5	79,500
CHERC001	72	74	0.01	0.02	5.8	67	1.1	88	3.0	76,000
CHERC001	74	76	0.01	0.03	7.2	108	1.4	82	3.0	70,900
CHERC001	76	78	0.01	0.06	13.2	72	1.6	76	3.5	70,100
CHERC002	0	2	0.02	0.02	7.4	102	0.7	88	3.5	73,900
CHERC002	2	4	0.02	0.02	7.4	71	0.7	80	3.5	69,900
CHERC002	4	6	0.01	0.02	7.8	58	0.7	76	3.5	70,900
CHERC002	6	8	0.01	0.03	7.6	139	1.2	102	3.5	69,400
CHERC002	8	10	0.01	0.02	8.6	71	1.2	84	3.5	68,900
CHERC002	10	12	0.02	0.01	7.2	47	0.8	76	2.5	68,600
CHERC002	12	14	0.01	0.01	5.2	34	0.8	74	3.0	65,700
CHERC002	14	16	0.02	0.02	5.8	76	0.8	90	4.0	69,400
CHERC002	16	18	0.01	0.01	5.8	58	0.8	74	3.0	66,800
CHERC002	18	20	0.01	0.01	7.2	69	1.2	110	3.0	67,900
CHERC002	20	22	0.01	0.01	10.8	71	1.3	82	2.0	70,000
CHERC002	22	24	0.02	0.01	5.6	67	1.3	102	2.0	64,500
CHERC002	24	26	0.01	0.02	6.0	94	1.1	92	2.5	69,900
CHERC002	26	28	0.01	0.08	5.0	262	1.3	86	3.0	67,600
CHERC002	28	30	0.02	0.01	6.4	64	2.3	88	2.5	72,900
CHERC002	30	32	0.01	0.08	5.2	71	1.6	80	2.5	69,700
CHERC002	32	34	0.01	0.01	7.2	49	2.0	88	2.5	67,300
CHERC002	34	36	0.02	0.04	7.6	49	1.0	78	2.5	67,700
CHERC002	36	38	0.01	0.01	7.4	58	0.9	100	2.5	69,700
CHERC002	38	40	0.02	0.01	6.2	94	1.0	90	3.0	74,500

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC002	40	42	0.02	0.01	7.0	65	0.9	104	2.5	75,500
CHERC002	42	44	0.01	0.01	6.4	81	1.4	94	3.0	77,900
CHERC002	44	46	0.02	0.03	6.0	115	1.0	86	3.0	73,100
CHERC002	46	48	0.02	0.14	6.6	555	0.9	88	3.0	72,600
CHERC002	48	50	0.01	0.05	6.8	167	0.9	90	3.0	68,400
CHERC002	50	52	0.01	0.02	6.6	122	0.8	82	2.5	69,100
CHERC002	52	54	0.01	0.06	6.6	187	1.0	80	3.5	67,300
CHERC002	54	56	0.01	0.10	5.4	226	0.9	98	2.5	73,800
CHERC002	56	58	0.01	0.02	6.4	98	1.1	74	3.5	70,700
CHERC002	58	60	0.01	0.01	4.8	91	1.0	78	3.0	73,700
CHERC002	60	62	0.02	0.02	6.2	78	0.9	90	3.0	69,300
CHERC002	62	64	0.01	0.01	6.6	76	0.8	80	3.0	73,700
CHERC002	64	66	0.01	0.01	6.0	59	0.9	78	3.0	71,900
CHERC002	66	68	0.02	0.01	5.6	45	0.8	90	3.0	73,900
CHERC002	68	70	0.01	0.02	5.8	89	0.9	76	3.0	69,100
CHERC002	70	72	0.01	0.01	6.6	57	1.1	80	3.0	74,000
CHERC002	72	74	0.01	0.01	6.0	74	1.0	86	2.5	69,500
CHERC002	74	76	0.02	0.02	6.0	141	1.3	86	2.5	70,200
CHERC002	76	78	0.01	0.01	4.6	54	1.1	76	2.5	71,400
CHERC002	78	80	0.02	0.01	5.0	63	0.9	102	3.0	73,700
CHERC002	80	82	0.02	0.04	5.4	245	1.1	84	2.5	69,400
CHERC002	82	84	0.01	0.02	4.4	56	1.4	86	2.5	70,300
CHERC002	84	86	0.02	0.01	4.4	101	0.9	90	2.5	69,400
CHERC002	86	88	0.02	0.01	4.4	65	0.8	86	2.5	76,700
CHERC002	88	90	0.01	0.02	4.4	119	1.1	82	2.5	71,900
CHERC002	90	92	0.01	0.01	4.6	69	1.0	88	3.0	77,300
CHERC002	92	94	0.02	0.01	4.0	72	0.8	76	2.5	69,300
CHERC002	94	96	0.01	0.04	3.2	65	0.9	92	3.0	72,500
CHERC002	96	98	0.02	0.02	5.0	83	1.1	108	3.0	70,600
CHERC002	98	100	0.02	0.02	4.8	69	1.0	90	2.5	71,100
CHERC002	100	102	0.02	0.05	2.8	139	0.9	84	2.5	69,300
CHERC002	102	104	0.02	0.01	3.6	78	1.2	74	2.5	71,500
CHERC002	104	106	0.01	0.01	4.4	58	0.9	80	3.0	71,800
CHERC002	106	108	0.01	0.01	2.6	48	1.1	84	2.5	72,400
CHERC002	108	110	0.02	0.01	5.8	57	1.2	92	2.5	71,900
CHERC002	110	112	0.01	0.01	7.0	61	1.5	84	3.0	73,500
CHERC002	112	114	0.01	0.02	8.2	114	2.0	74	3.0	70,600
CHERC003	0	2	0.01	0.02	7.2	45	0.6	112	3.0	80,400
CHERC003	2	4	0.01	0.05	9.6	130	0.6	86	2.5	82,800
CHERC003	4	6	0.01	0.02	7.6	76	1.0	108	3.0	81,300
CHERC003	6	8	0.01	0.03	5.6	123	1.0	158	3.0	75,000
CHERC003	8	10	0.01	0.05	3.8	145	0.9	120	2.5	76,200
CHERC003	10	12	0.01	0.13	6.2	67	1.8	136	2.5	79,900
CHERC003	12	14	0.01	0.02	5.0	40	1.5	138	3.0	77,900
CHERC003	14	16	0.01	0.03	5.0	75	2.0	92	2.5	76,700
CHERC003	16	18	0.01	0.04	4.4	93	1.8	86	2.5	72,700
CHERC003	18	20	0.01	0.01	5.6	70	1.5	122	3.0	76,000
CHERC003	20	22	0.01	0.01	7.0	42	1.1	84	2.5	79,200
CHERC003	22	24	0.01	0.02	5.8	43	1.5	90	2.5	80,000
CHERC003	24	26	0.01	0.02	4.8	42	1.5	102	2.5	78,200
CHERC003	26	28	0.01	0.03	5.2	42	1.2	80	2.5	80,900
CHERC003	28	30	0.01	0.04	5.2	44	1.5	80	2.5	81,700
CHERC003	30	32	0.01	0.02	4.4	46	1.8	96	3.5	79,400
CHERC003	32	34	0.01	0.04	5.2	127	1.9	80	3.0	78,200
CHERC003	34	36	0.01	0.04	4.4	213	1.4	86	2.5	77,400
CHERC003	36	38	0.01	0.02	4.6	121	1.3	222	3.0	76,900
CHERC003	38	40	0.01	0.04	4.6	152	1.4	90	2.5	81,400
CHERC003	40	42	0.01	0.03	4.0	146	1.1	94	2.5	76,900
CHERC003	42	44	0.01	0.03	4.8	113	1.0	90	3.0	79,100
CHERC003	44	46	0.01	0.02	2.4	117	1.0	86	3.0	78,400
CHERC003	46	48	0.01	0.04	3.0	132	0.9	80	2.5	77,600

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC003	48	50	0.01	0.10	4.0	122	1.3	124	3.0	84,300
CHERC003	50	52	0.01	0.05	4.4	157	1.0	80	2.5	75,500
CHERC003	52	54	0.01	0.03	2.8	218	1.3	94	2.5	77,000
CHERC003	54	56	0.01	0.01	3.2	133	1.2	82	2.5	85,100
CHERC003	56	58	0.01	0.02	4.0	119	1.0	84	2.5	81,100
CHERC003	58	60	0.01	0.02	3.2	108	1.1	82	2.5	84,500
CHERC003	60	62	0.01	0.03	3.8	122	1.0	94	2.5	80,600
CHERC003	62	64	0.01	0.03	6.6	77	1.3	102	3.0	83,100
CHERC003	64	66	0.01	0.01	6.8	60	1.1	82	3.0	80,300
CHERC003	66	68	0.02	0.01	7.0	76	1.0	104	3.0	83,500
CHERC003	68	70	0.01	0.06	6.8	181	1.1	80	2.5	78,400
CHERC003	70	72	0.01	0.01	8.4	102	1.6	80	2.5	82,300
CHERC003	72	74	0.01	0.02	11.6	179	1.7	112	4.5	81,300
CHERC003	74	76	0.01	0.03	9.2	105	1.6	76	3.0	82,400
CHERC003	76	78	0.01	0.06	6.6	69	1.2	74	2.5	78,900
CHERC003	78	80	0.01	0.03	7.8	189	1.5	98	3.0	79,000
CHERC003	80	82	0.01	0.02	9.8	55	1.1	82	3.0	78,200
CHERC003	82	84	0.01	0.03	9.6	40	1.6	82	3.0	72,900
CHERC004	0	2	0.01	0.04	5.6	167	0.5	664	8.5	68,500
CHERC004	2	4	0.01	0.04	6.8	156	0.5	84	3.5	70,600
CHERC004	4	6	0.01	0.04	5.0	160	0.4	72	3.0	63,200
CHERC004	6	8	0.01	0.03	6.8	162	0.5	80	3.0	64,900
CHERC004	8	10	0.01	0.04	7.6	163	0.5	76	3.0	66,700
CHERC004	10	12	0.01	0.03	10.4	138	0.9	76	3.0	71,600
CHERC004	12	14	0.01	0.03	15.2	177	1.2	76	2.5	67,500
CHERC004	14	16	0.01	0.04	8.2	260	1.0	114	6.0	75,500
CHERC004	16	18	0.01	0.02	6.6	281	1.1	106	3.0	76,300
CHERC004	18	20	0.01	0.04	8.8	287	1.6	108	3.0	77,800
CHERC004	20	22	0.01	0.02	14.2	186	1.5	78	2.5	67,000
CHERC004	22	24	0.01	0.01	12.4	203	1.4	80	2.0	66,100
CHERC004	24	26	0.01	0.02	9.2	193	1.1	84	2.5	65,100
CHERC004	26	28	0.01	0.01	8.8	177	1.2	94	3.0	78,500
CHERC004	28	30	0.01	0.04	10.2	80	2.0	92	3.0	76,300
CHERC004	30	32	0.01	0.07	8.8	59	2.6	78	3.0	68,600
CHERC004	32	34	0.01	0.13	10.6	37	1.5	82	3.0	72,900
CHERC004	34	36	0.01	0.03	11.8	40	1.3	82	3.0	72,700
CHERC004	36	38	0.01	0.01	8.8	40	0.9	80	3.0	71,200
CHERC004	38	40	0.01	0.01	7.8	44	1.2	80	3.0	68,200
CHERC004	40	42	0.01	0.01	7.6	60	1.3	80	3.0	69,700
CHERC004	42	44	0.01	0.01	8.0	38	0.9	98	3.0	68,100
CHERC004	44	46	0.01	0.01	7.2	47	1.1	90	3.0	73,900
CHERC004	46	48	0.01	0.04	7.6	134	1.2	86	2.5	71,700
CHERC004	48	50	0.01	0.01	6.0	33	1.1	82	2.5	69,400
CHERC004	50	52	0.01	0.01	6.8	40	1.2	82	3.0	68,500
CHERC004	52	54	0.01	0.01	8.8	120	1.2	82	2.5	67,500
CHERC004	54	56	0.01	0.04	10.2	420	1.0	90	3.0	61,000
CHERC004	56	58	0.01	0.01	8.2	64	1.1	88	3.0	67,300
CHERC004	58	60	0.01	0.01	7.6	37	1.2	86	3.0	70,000
CHERC004	60	62	0.01	0.01	7.6	36	1.0	96	3.5	69,400
CHERC004	62	64	0.01	0.01	7.4	40	1.1	126	4.5	70,600
CHERC004	64	66	0.01	0.01	5.2	36	2.9	90	3.5	63,900
CHERC004	66	68	0.01	0.01	5.4	30	1.0	76	2.5	62,900
CHERC004	68	70	0.01	0.01	5.8	34	0.8	78	3.0	62,200
CHERC004	70	72	0.01	0.01	6.6	54	0.7	74	4.5	63,000
CHERC004	72	74	0.01	0.01	5.2	52	0.8	80	3.0	68,000
CHERC004	74	76	0.01	0.01	5.4	42	0.6	76	2.5	59,200
CHERC004	76	78	0.01	0.01	5.2	70	0.5	80	3.5	62,200
CHERC004	78	80	0.01	0.01	4.8	44	0.5	82	3.5	60,700
CHERC004	80	82	0.01	0.01	6.4	60	0.7	74	3.0	56,600
CHERC004	82	84	0.01	0.01	8.2	46	1.0	72	3.5	66,600
CHERC004	84	86	0.01	0.01	16.0	126	1.1	96	3.5	65,900

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC004	86	88	0.01	0.01	12.8	96	1.1	76	3.5	66,100
CHERC004	88	90	0.01	0.01	12.6	53	1.0	82	3.5	70,100
CHERC005	0	2	0.02	0.03	13.0	169	1.4	144	5.5	78,300
CHERC005	2	4	0.01	0.05	14.0	180	1.2	110	4.5	83,800
CHERC005	4	6	0.02	0.05	14.2	173	1.0	390	6.0	83,800
CHERC005	6	8	0.01	0.05	7.8	176	1.5	164	4.5	79,900
CHERC005	8	10	0.01	0.03	8.2	164	1.3	130	4.5	73,700
CHERC005	10	12	0.01	0.04	9.0	154	1.3	114	4.0	70,600
CHERC005	12	14	0.01	0.04	5.6	154	1.1	88	3.0	79,800
CHERC005	14	16	0.01	0.05	10.2	160	1.5	92	4.5	76,600
CHERC005	16	18	0.02	0.03	21.6	157	1.8	90	4.0	73,900
CHERC005	18	20	0.02	0.05	7.8	157	4.1	92	3.0	74,400
CHERC005	20	22	0.01	0.05	9.8	131	1.8	94	4.5	75,000
CHERC005	22	24	0.01	0.06	9.6	141	1.4	96	3.5	71,700
CHERC005	24	26	0.01	0.04	9.0	132	1.4	90	3.5	76,200
CHERC005	26	28	0.01	0.02	8.8	125	1.6	84	3.5	74,000
CHERC005	28	30	0.01	0.03	8.8	122	1.6	82	3.5	76,500
CHERC005	30	32	0.02	0.03	8.8	119	1.2	94	3.5	76,300
CHERC005	32	34	0.02	0.03	9.0	118	1.3	86	4.0	75,000
CHERC005	34	36	0.02	0.04	6.0	143	1.3	84	3.0	72,900
CHERC005	36	38	0.01	0.05	4.4	122	1.1	74	3.0	67,200
CHERC005	38	40	0.01	0.03	4.4	134	1.3	94	4.0	71,700
CHERC005	40	42	0.01	0.03	4.0	121	1.2	94	3.5	71,600
CHERC005	42	44	0.01	0.02	4.2	109	1.3	88	3.0	72,100
CHERC005	44	46	0.01	0.04	5.4	147	1.1	72	3.0	65,600
CHERC005	46	48	0.01	0.07	4.0	275	1.3	80	2.5	65,200
CHERC005	48	50	0.01	0.07	7.4	293	1.2	74	3.0	62,700
CHERC005	50	52	0.01	0.03	9.6	66	1.3	70	3.0	61,500
CHERC005	52	54	0.01	0.02	11.4	76	1.2	76	3.5	65,500
CHERC005	54	56	0.01	0.03	11.2	86	1.3	88	3.5	66,400
CHERC005	56	58	0.02	0.06	13.8	50	1.5	82	3.5	65,700
CHERC005	58	60	0.01	0.01	13.6	35	1.2	72	3.5	65,000
CHERC005	60	62	0.01	0.01	15.8	48	1.1	80	4.0	64,300
CHERC005	62	64	0.02	0.01	16.2	61	1.1	84	3.5	67,100
CHERC005	64	66	0.01	0.02	14.8	79	1.3	74	4.0	65,600
CHERC005	66	68	0.01	0.04	14.8	221	1.1	80	3.5	63,900
CHERC005	68	70	0.01	0.02	13.0	126	1.0	74	3.5	66,000
CHERC005	70	72	0.01	0.02	13.0	72	1.1	76	3.0	65,000
CHERC005	72	74	0.01	0.01	12.8	57	1.0	80	3.5	65,200
CHERC005	74	76	0.02	0.06	13.0	341	1.1	72	3.5	66,800
CHERC005	76	78	0.01	0.01	11.4	83	1.4	68	3.0	63,400
CHERC005	78	80	0.01	0.01	10.0	69	1.1	74	3.5	63,800
CHERC005	80	82	0.02	0.10	11.6	64	0.9	68	3.5	58,600
CHERC005	82	84	0.01	0.01	11.8	57	1.3	82	3.5	60,600
CHERC006	0	2	0.01	0.09	7.4	348	0.9	98	3.5	77,500
CHERC006	2	4	0.01	0.09	15.2	216	0.8	92	3.5	77,400
CHERC006	4	6	0.01	0.02	17.8	140	0.7	84	3.0	69,600
CHERC006	6	8	0.01	0.05	14.0	177	0.7	124	3.5	69,300
CHERC006	8	10	0.01	0.04	14.8	159	1.1	88	3.5	68,700
CHERC006	10	12	0.01	0.05	10.6	157	1.2	90	3.0	71,400
CHERC006	12	14	0.01	0.05	9.6	218	1.3	76	3.5	64,700
CHERC006	14	16	0.01	0.01	31.4	25	1.0	84	4.0	71,100
CHERC006	16	18	0.01	0.01	31.8	44	1.2	82	3.5	75,600
CHERC006	18	20	0.01	0.03	21.4	128	1.1	76	3.5	65,800
CHERC006	20	22	0.01	0.06	8.8	197	1.3	96	3.5	79,600
CHERC006	22	24	0.01	0.01	44.4	107	2.3	82	3.0	82,900
CHERC006	24	26	0.01	0.02	26.6	128	1.7	78	3.0	74,600
CHERC006	26	28	0.01	0.02	24.2	58	2.5	74	3.5	67,800
CHERC006	28	30	0.01	0.01	22.0	43	1.3	72	3.5	73,400
CHERC006	30	32	0.01	0.04	20.6	248	0.9	60	3.0	62,900
CHERC006	32	34	0.01	0.01	18.0	118	0.8	66	3.0	55,400

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC006	34	36	0.01	0.01	19.4	77	0.8	68	3.0	56,300
CHERC006	36	38	0.01	0.05	18.2	147	0.7	68	6.5	60,700
CHERC006	38	40	0.01	0.07	5.8	214	0.7	78	3.5	61,800
CHERC006	40	42	0.01	0.08	13.0	248	1.0	82	3.5	66,700
CHERC006	42	44	0.01	0.01	17.2	57	1.1	76	4.0	63,000
CHERC006	44	46	0.01	0.11	16.2	72	1.2	74	3.5	64,800
CHERC006	46	48	0.01	0.01	14.8	57	1.1	68	3.0	60,600
CHERC006	48	50	0.01	0.01	11.2	84	0.7	82	4.0	65,900
CHERC006	50	52	0.01	0.04	9.2	176	0.8	94	3.0	65,900
CHERC006	52	54	0.01	0.02	4.6	69	0.9	78	2.5	72,100
CHERC006	54	56	0.01	0.01	6.6	65	0.8	76	3.0	73,200
CHERC006	56	58	0.01	0.01	6.8	73	0.7	76	3.0	65,500
CHERC006	58	60	0.01	0.01	6.0	69	0.7	76	3.0	71,300
CHERC006	60	62	0.01	0.02	4.2	115	0.7	76	4.0	65,000
CHERC006	62	64	0.01	0.04	6.6	117	1.2	74	5.5	59,300
CHERC006	64	66	0.01	0.02	8.4	71	1.5	64	5.0	61,900
CHERC006	66	68	0.01	0.01	4.0	71	1.5	76	4.5	67,000
CHERC006	68	70	0.01	0.03	3.4	86	1.6	76	6.0	68,600
CHERC006	70	72	0.01	0.04	3.4	107	1.9	80	4.5	67,300
CHERC006	72	74	0.02	0.07	6.8	118	1.8	82	9.0	66,300
CHERC006	74	76	0.02	0.01	8.0	26	1.2	66	7.5	75,100
CHERC006	76	78	0.02	0.16	7.4	91	1.3	58	5.5	43,600
CHERC006	78	80	0.02	0.10	3.6	115	0.5	82	6.0	65,700
CHERC006	80	82	0.02	0.01	3.0	42	0.6	76	4.5	64,800
CHERC006	82	84	0.02	0.01	2.8	47	0.5	76	4.0	66,100
CHERC006	84	86	0.01	0.02	2.8	117	0.4	72	4.0	66,900
CHERC006	86	88	0.02	0.02	3.0	74	0.5	70	3.0	63,700
CHERC006	88	90	0.02	0.08	37.2	160	1.3	76	4.5	67,400
CHERC006	90	92	0.02	0.10	94.0	153	1.4	76	5.5	66,500
CHERC006	92	94	0.01	0.02	14.8	73	1.4	60	3.5	71,200
CHERC006	94	96	0.01	0.04	14.6	86	0.9	58	3.5	60,600
CHERC007	0	2	0.02	0.02	7.8	57	0.7	108	3.5	76,500
CHERC007	2	4	0.02	0.01	6.4	59	0.7	80	2.5	76,900
CHERC007	4	6	0.02	0.02	8.0	47	0.7	78	3.0	72,900
CHERC007	6	8	0.02	0.02	5.2	72	0.7	122	3.0	74,400
CHERC007	8	10	0.02	0.02	4.8	39	0.7	88	2.5	72,600
CHERC007	10	12	0.02	0.03	7.6	67	0.7	90	3.0	75,700
CHERC007	12	14	0.02	0.01	7.0	80	1.1	110	3.0	70,800
CHERC007	14	16	0.01	0.01	7.6	46	1.1	94	2.5	71,800
CHERC007	16	18	0.02	0.01	8.2	38	1.2	104	2.5	73,900
CHERC007	18	20	0.02	0.01	8.0	46	1.2	80	2.5	70,200
CHERC007	20	22	0.02	0.02	9.6	32	1.5	94	3.0	80,100
CHERC007	22	24	0.02	0.01	9.4	51	1.2	92	3.5	71,600
CHERC007	24	26	0.02	0.02	4.0	64	1.0	90	3.0	69,000
CHERC007	26	28	0.02	0.01	3.4	59	0.7	62	4.0	65,900
CHERC007	28	30	0.02	0.01	4.0	57	0.7	86	3.5	68,100
CHERC007	30	32	0.01	0.02	5.2	60	1.4	104	2.5	77,100
CHERC007	32	34	0.02	0.02	8.2	57	1.2	86	3.0	74,600
CHERC007	34	36	0.01	0.04	8.2	197	1.1	76	3.0	69,200
CHERC007	36	38	0.02	0.05	3.4	271	2.5	96	3.5	67,400
CHERC007	38	40	0.01	0.03	4.8	96	1.2	74	3.0	66,000
CHERC007	40	42	0.01	0.01	5.8	57	1.3	86	3.0	77,200
CHERC007	42	44	0.02	0.03	5.8	113	1.5	100	4.0	66,200
CHERC007	44	46	0.01	0.05	7.0	135	1.7	88	3.5	74,200
CHERC007	46	48	0.01	0.09	6.4	135	1.0	86	3.5	70,900
CHERC007	48	50	0.02	0.04	5.6	139	1.2	88	3.0	67,500
CHERC007	50	52	0.02	0.03	4.2	163	0.9	80	2.0	70,400
CHERC007	52	54	0.01	0.03	4.4	145	1.0	80	2.5	72,300
CHERC007	54	56	0.02	0.01	6.2	52	1.2	88	3.0	72,100
CHERC007	56	58	0.02	0.01	6.8	45	1.1	82	2.5	72,800
CHERC007	58	60	0.02	0.01	9.4	64	1.1	86	2.5	81,100

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC007	60	62	0.02	0.01	8.2	45	1.6	86	2.5	76,500
CHERC007	62	64	0.02	0.01	7.6	44	1.1	78	2.5	70,700
CHERC007	64	66	0.02	0.06	7.8	367	1.1	82	3.0	74,200
CHERC007	66	68	0.02	0.08	7.4	138	0.9	82	2.5	71,200
CHERC007	68	70	0.02	0.04	6.0	175	1.0	76	2.5	76,900
CHERC007	70	72	0.02	0.04	5.4	208	0.9	86	2.0	83,400
CHERC007	72	74	0.03	0.08	7.0	314	2.2	98	2.0	85,800
CHERC007	74	76	0.02	0.05	6.0	239	1.0	82	2.5	79,700
CHERC007	76	78	0.01	0.07	7.2	334	0.9	80	3.5	76,000
CHERC007	78	80	0.02	0.01	8.2	40	0.8	74	3.0	73,900
CHERC007	80	82	0.01	0.01	8.2	42	0.8	76	3.5	73,100
CHERC007	82	84	0.01	0.01	8.8	38	0.8	78	4.0	73,300
CHERC007	84	86	0.02	0.01	8.2	52	1.0	128	4.5	77,200
CHERC007	86	88	0.02	0.01	8.8	64	0.9	82	3.5	75,900
CHERC007	88	90	0.02	0.07	6.8	326	1.3	82	3.5	76,900
CHERC007	90	92	0.02	0.06	2.2	169	0.7	80	2.5	77,300
CHERC007	92	94	0.02	0.07	1.2	147	0.8	84	3.5	73,400
CHERC007	94	96	0.02	0.08	3.6	149	0.9	96	4.0	82,500
CHERC008	0	2	0.01	0.08	17.0	64	1.0	270	33.0	77,300
CHERC008	2	4	0.01	0.02	10.2	104	0.8	114	8.5	77,400
CHERC008	4	6	0.02	0.06	11.8	131	0.8	114	11.5	72,200
CHERC008	6	8	0.02	0.03	8.6	64	0.8	106	4.5	75,400
CHERC008	8	10	0.02	0.04	8.0	72	0.8	92	4.0	74,600
CHERC008	10	12	0.01	0.04	7.6	93	0.7	84	3.0	68,300
CHERC008	12	14	0.01	0.02	7.4	68	1.0	100	3.0	67,000
CHERC008	14	16	0.02	0.01	8.8	35	0.9	82	3.5	63,600
CHERC008	16	18	0.01	0.02	7.2	56	0.8	90	4.0	73,800
CHERC008	18	20	0.01	0.01	8.6	52	0.9	100	4.0	73,900
CHERC008	20	22	0.01	0.02	9.6	109	0.9	84	4.0	68,600
CHERC008	22	24	0.01	0.01	8.4	75	0.8	88	3.5	71,700
CHERC008	24	26	0.01	0.05	10.2	73	1.1	134	15.0	71,500
CHERC008	26	28	0.01	0.02	8.4	61	0.7	88	4.5	74,100
CHERC008	28	30	0.02	0.01	8.6	66	0.7	88	4.0	75,200
CHERC008	30	32	0.02	0.06	10.4	321	1.5	228	5.0	77,300
CHERC008	32	34	0.01	0.02	8.2	65	1.4	86	4.5	72,800
CHERC008	34	36	0.02	0.01	8.0	72	1.0	90	5.5	77,200
CHERC008	36	38	0.01	0.04	5.2	137	2.5	118	5.5	77,700
CHERC008	38	40	0.02	0.01	4.2	87	0.9	80	4.5	68,900
CHERC008	40	42	0.01	0.02	5.8	37	1.0	84	3.5	71,200
CHERC008	42	44	0.01	0.01	10.6	29	1.0	86	3.0	77,600
CHERC008	44	46	0.01	0.04	12.8	127	1.0	90	3.0	77,700
CHERC008	46	48	0.02	0.02	12.0	45	1.1	88	3.5	74,500
CHERC008	48	50	0.02	0.01	12.8	50	1.3	96	3.0	80,800
CHERC008	50	52	0.02	0.02	10.0	172	1.3	88	4.0	77,200
CHERC008	52	54	0.02	0.03	10.4	213	1.2	90	3.5	78,700
CHERC008	54	56	0.02	0.06	12.0	262	1.5	90	4.0	75,900
CHERC008	56	58	0.02	0.04	17.4	204	1.6	92	4.5	79,400
CHERC008	58	60	0.01	0.03	4.2	165	0.7	78	2.5	73,900
CHERC008	60	62	0.01	0.03	10.2	157	1.2	118	5.5	75,000
CHERC008	62	64	0.02	0.01	8.2	64	1.0	90	6.0	78,700
CHERC008	64	66	0.01	0.01	9.0	97	1.1	82	4.5	75,300
CHERC008	66	68	0.02	0.05	7.2	171	1.0	88	3.5	74,900
CHERC008	68	70	0.02	0.02	8.0	112	1.2	88	3.0	80,800
CHERC008	70	72	0.01	0.02	6.8	71	1.3	96	4.0	82,400
CHERC008	72	74	0.01	0.04	8.8	84	4.2	90	3.5	76,500
CHERC008	74	76	0.01	0.01	8.0	76	1.7	82	3.0	75,300
CHERC008	76	78	0.02	0.02	8.8	124	1.4	74	3.0	73,900
CHERC008	78	80	0.01	0.04	8.6	169	1.2	76	3.0	73,000
CHERC008	80	82	0.02	0.01	7.0	55	1.1	88	2.5	78,000
CHERC008	82	84	0.02	0.01	9.2	88	1.8	90	3.0	76,000
CHERC008	84	86	0.02	0.01	7.6	83	1.3	92	3.0	80,200

Hole_id	From	To	Au_ppm	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Zn_ppm	Pb_ppm	Fe_ppm
CHERC008	86	88	0.02	0.01	8.2	62	1.0	76	2.5	77,100
CHERC008	88	90	0.02	0.02	7.0	96	1.0	82	4.0	75,400
CHERC009	0	2	0.01	0.07	6.0	128	1.0	100	4.5	75,100
CHERC009	2	4	0.01	0.06	4.8	148	1.0	90	4.0	70,200
CHERC009	4	6	0.01	0.04	5.6	135	1.5	74	6.0	67,300
CHERC009	6	8	0.01	0.05	6.2	152	1.3	170	4.5	71,100
CHERC009	8	10	0.01	0.07	6.0	144	1.1	86	4.0	70,500
CHERC009	10	12	0.01	0.07	5.0	165	1.0	106	4.0	75,500
CHERC009	12	14	0.01	0.06	4.4	165	0.9	98	3.5	74,800
CHERC009	14	16	0.01	0.06	4.6	160	1.2	92	3.5	69,500
CHERC009	16	18	0.01	0.04	5.4	150	1.5	92	3.0	72,500
CHERC009	18	20	0.01	0.05	6.8	160	1.4	98	3.5	72,700
CHERC009	20	22	0.01	0.05	6.8	155	1.7	100	3.0	80,200
CHERC009	22	24	0.01	0.05	6.8	170	1.3	110	3.0	81,000
CHERC009	24	26	0.01	0.06	5.0	154	1.6	104	3.5	74,300
CHERC009	26	28	0.01	0.03	4.6	142	1.3	90	3.0	73,900
CHERC009	28	30	0.01	0.04	5.4	144	1.3	88	3.5	73,700
CHERC009	30	32	0.01	0.05	5.2	151	1.3	92	3.5	74,900
CHERC009	32	34	0.01	0.05	7.2	157	1.3	90	3.0	75,900
CHERC009	34	36	0.01	0.05	6.8	146	1.2	90	3.0	71,600
CHERC009	36	38	0.01	0.05	4.6	150	1.6	126	4.0	77,000
CHERC009	38	40	0.01	0.05	6.8	153	1.6	102	3.5	75,000
CHERC009	40	42	0.01	0.05	5.6	151	1.4	100	3.0	77,300
CHERC009	42	44	0.01	0.05	7.2	149	1.3	112	3.0	74,600
CHERC009	44	46	0.01	0.03	10.6	172	1.0	90	3.5	76,000
CHERC009	46	48	0.01	0.04	9.0	171	0.7	98	3.5	76,600
CHERC009	48	50	0.01	0.06	8.2	153	0.6	136	4.0	80,900
CHERC009	50	52	0.01	0.06	7.0	142	0.7	94	3.5	61,500
CHERC009	52	54	0.01	0.04	14.4	145	1.0	96	5.5	61,700
CHERC009	54	56	0.01	0.03	13.2	142	1.2	84	4.5	61,800
CHERC009	56	58	0.01	0.05	12.4	134	1.2	86	4.0	68,700
CHERC009	58	60	0.01	0.03	6.0	129	1.0	86	3.5	75,400
CHERC009	60	62	0.01	0.04	3.0	116	0.9	118	3.5	73,800
CHERC009	62	64	0.01	0.02	12.6	134	1.1	80	5.0	64,700
CHERC009	64	66	0.01	0.04	14.2	145	1.1	86	4.5	63,900
CHERC009	66	68	0.01	0.09	13.6	157	1.2	88	4.5	63,100
CHERC009	68	70	0.01	0.07	13.0	149	1.3	94	4.5	71,100
CHERC009	70	72	0.01	0.05	14.4	154	1.8	92	5.0	72,800
CHERC009	72	74	0.01	0.04	10.2	130	1.8	94	6.0	63,400
CHERC009	74	76	0.01	0.03	12.0	172	1.4	90	5.0	63,800
CHERC009	76	78	0.01	0.05	8.8	139	1.0	96	3.5	63,100
CHERC009	78	80	0.01	0.04	12.2	126	1.1	96	5.0	63,700
CHERC009	80	82	0.01	0.01	8.4	138	1.2	86	4.5	59,900
CHERC009	82	84	0.01	0.01	7.2	153	0.9	92	4.5	66,600

Appendix 3. 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 Zn
EL3728	CYPRUS AMAX AUSTRALIA CORPORATION,NEWCREST MINING LIMITED	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
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	Au Cu
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

Title_Ref	Company	Start Date	End Date	Elements
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