ASX ANNOUNCEMENT



MT GILMORE COBALT EXPLORATION CONTINUES TO DELIVER EXCITING RESULTS

1 June 2018

- Exploration underway at the Mt Gilmore Cobalt-Copper-Gold Sulphide Project continues to deliver exciting results underpinning the project's blue-sky potential
- New high-tenor gold anomaly with associated cobalt defined 2 kilometres south of Cobalt Ridge demonstrates significant regional potential for Cobalt Ridge 'lookalike' deposits
- Current phase of work focused on identifying drill targets for testing mid-2018, including:
 - Resource definition at Cobalt Ridge
 - New areas of cobalt mineralisation
- Final data for detailed IP survey at Cobalt Ridge received encouraging early results
- Exploration results will continue to be released to market as they become available

Corazon Mining Limited (ASX: CZN) (**Corazon** or **Company**) is pleased to announce an update on its current exploration at the Mt Gilmore Project (**Project**) in New South Wales.

The current phase of exploration comprises systematic geophysical and surface geochemistry programs looking to test extensive areas of the Project as quickly as possible. Priority objectives include identifying extensions to the cobalt-copper-gold sulphide mineralisation at Cobalt Ridge, as well as defining new targets within the greater Mt Gilmore Project area.

The wider Project area hosts multiple historical copper-gold workings exhibiting mineralisation similar to that at Cobalt Ridge that have yet to be tested for cobalt. These areas provide the discovery-potential for multiple Cobalt Ridge 'lookalike' deposits, which would significantly expand Mt Gilmore's cobalt-copper-gold sulphide endowment.

The results of this phase of exploration, which has already identified several new prospects, will be used to define priority targets for Corazon's next phase of drilling at Mt Gilmore, which is expected to commence mid-year.

Current Work Program

Geochemical Soil Sampling Program

Results just received have identified a new high-tenor gold (+cobalt) anomaly at Nettle Creek, two kilometres south of Cobalt Ridge (Figures 1 and 2). The main gold anomaly is approximately 700 metres by 500 metres in area and open, peaking at 690 ppb gold, with the background gold assay value being less than 2 ppb.

This discovery exemplifies Cobalt Ridge's blue-sky potential for cobalt-copper-gold sulphide deposits within the Mt Gilmore Project.



Sulphides have been identified in basement rocks at Nettle Creek on surface, and the anomalous area is coincident with a lower level cobalt in soil anomaly. The anomaly is situated at the southern tip of the large granite, to the west of targeted Mt Gilmore Trend (Figure 1). Recently completed aeromagnetics suggest a complexity of rock types and structures, with anomalism open and possibly extending under cover to the east and south.

Soil sampling at the Project has proven to be an effective test of the basement rocks for targeted metals. Last month, the Company announced the discovery of high-tenor cobalt in soils anomaly at Lantana Downs, about 12 kilometres north of Cobalt Ridge (Figure 1, ASX announcement 26 April 2018).

Corazon is currently undertaking a geochemical soil-sampling program of approximately 3,000 samples over a strike of more than 18 kilometres, along the trend that hosts the Cobalt Ridge deposit (Figure 1). The program is designed to be a first-pass test of basement rocks, initially focusing on areas of historical copper-gold mining, as well as new targets generated from Corazon's geophysical work.

To date approximately 800 samples have been collected with results of approximately 500 being returned from the laboratory.



Level 1, 329 Hay St, Subiaco, W.A. 6008 | PO Box 8187, Subiaco East, W.A. 6008 | +61 (8) 6142 6366 |





Figure 2 – Cobalt Ridge Prospect: Cobalt and Gold in soils images. Exploration is targeting a window of basement rock sandwiched between granite and younger cover.

Target Generating Geophysical Surveys

At the Project's main prospect, Cobalt Ridge, a detailed **3D IP geophysical survey** has been completed, which was designed to map drill defined sulphide mineralisation at depth and laterally along strike, particularly under thin cover to the east. Gap Geophysics completed the survey, making use of new technology/equipment (DIAS32) supplied by DIAS Geophysical. DIAS32 provides full 3D resistivity and induced polarisation (IP) models of the subsurface.

Initial assessment of the preliminary 3D IP data indicates the data is of high quality, and several primary anomalies have been delineated. The significance of this will be defined via detailed final interrogation, processing/3D inversion efforts currently in progress and expected to be completed in early June. The observed anomalism may be indicative of sulphide mineralisation at Cobalt Ridge.

An **aeromagnetic survey** has also been completed over a large area of the Mt Gilmore Project, as a first pass prospecting tool to focus in on more detailed exploration. The survey has delivered high quality data highlighting distinguishable features associated with the Project's current areas of known mineralisation. Additional processing and target generation in preparation for the next phase of drilling is underway. This work is expected to be completed in the coming weeks and is anticipated to help deliver high priority targets for the upcoming phase of drilling.



Mt Gilmore Project Overview

The Mt Gilmore Project is located 35 kilometres from the major regional centre of Grafton in northeastern New South Wales. Corazon owns a 51% interest in the Project, and the exclusive right to earn up to an 80% interest in the Project.

Drilling by Corazon at Cobalt Ridge has validated historical mining and exploration results and confirmed the presence of multiple zones of cobalt-copper-gold sulphide mineralisation over a strike length of at least 300 metres. The mineralisation remains open along strike and at depth. The Main Cobalt Lode has been the primary target for past drilling. This lode is up to 25 metres in true width and contains multiple narrow zones of higher-grade mineralisation.

Corazon has defined the prospective 18 kilometre "Mt Gilmore trend" within the Project area; it includes more than 25 historic working, including significant shafts, adits and drives with high-grade copper and gold mineralisation (rock chips up to grades of 26.8% Cu and 9.2 g/t Au) in addition to the cobalt mineralisation.

Although mapping indicates extensive hydrothermal alteration and copper-gold mineralisation at surface, very little modern exploration has been undertaken at the Project. Aside from small-scale historic mines, previous exploration has predominantly been restricted to general prospecting/ mapping, rock-chip/ grab sampling, with drilling completed at only one of the targets (the Pulganbar–Cobalt Ridge area).

ENDS.

For further information visit <u>www.corazon.com.au</u> or contact:

Brett Smith Managing Director Corazon Mining Limited P: +61 (8) 6142 6366 E: info@corazonmining.com.au

James Moses

Media & Investor Relations Mandate Corporate M: +61 (0) 420 991 574 E: james@mandatecorporate.com.au



Competent Persons Statement:

The information in this report that relates to Exploration Results and Targets is based on information compiled by Mr Brett Smith, B.Sc Hons (Geol), Member AusIMM, Member AIG and an employee of Corazon Mining Limited. Mr Smith has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking 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 Smith consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Forward Looking Statements

This announcement contains certain statements that may constitute "forward looking statement". Such statements are only predictions and are subject to inherent risks and uncertainties, which could cause actual values, results, performance achievements to differ materially from those expressed, implied or projected in any forward looking statements.

Forward-looking statements are statements that are not historical facts. Words such as "expect(s)", "feel(s)", "believe(s)", "will", "may", "anticipate(s)" and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company's prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

The Company believes that it has a reasonable basis for making the forward-looking Statements in the announcement based on the information contained in this and previous ASX announcements.

The Company is not aware of any new information or data that materially affects the information included in this ASX release, and the Company confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the exploration results in this release continue to apply and have not materially changed.

Mt Gilmore Project, New South Wales, Australia.

Surface Soil Geochemistry – Mt Gilmore – May 2018

Section 1 Sampling Techniques and Data

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. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	 A total of 832 soil samples have been taken in 2018 at the Cobalt Ridge prospect, within the Mt Gilmore Project, Australia. Including Standards, duplicate samples and blanks. Samples have been taken on variable grid patterns, including 100m x 50m, 100m x 100m, 100m x 200m and 200m by 200m nominal grids using a hand-held GPS with +/-5m accuracy utilising MGA zone 56 (GDA94) co-ordinate system. Surface organic matter was removed from the sample site using a hand pick and shovel. A 25cm x 25cm x 25cm deep hole is dug using a mattock, a sample of primarily C soil horizon is taken directly above basement rock. The soil sample was screened using a 3mm mesh aluminium sieve and a 200-250 gram sub sample of -3mm fraction was retained in a labelled soil geochemical bag for analysis. Soil sample IDs and locations are stored digitally in a register which also notes sample content and conditions. External certified reference material / standards, blanks and duplicates are submitted every 50th, 51st and 52nd sample respectively for QAQC purposes. The submitted samples also included 6 standards and 6 blanks. Samples were submitted to independent certified Australian laboratory ALS Brisbane via courier and analysed for 35 elements including cobalt to 1ppm using ALS method ME-ICP41 (Aqua Regia ICP-AES). Gold analysed separately using "ALS method Au-ST43 to 0.1 ppb. To date, 518 assay results have been received from the Lab.
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple	Not applicable

Mt Gilmore Project, New South Wales, Australia.

Criteria	JORC Code explanation	Commentary
	or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	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. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	Soil samples were logged by an experienced Field Technician. IDs and locations are stored digitally in a register, which also notes sample content and conditions.
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	A 1kg to 2kg soil sample was screened using a 3mm mesh aluminium sieve and a 200-250 gram sub sample of -3mm fraction was retained in a labelled soil geochemical bag for analysis.
Quality of assay data	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered 	All samples for analysis have been submitted to ALS Minerals, Shand Street, Brisbane, Queensland. ALS is a respected and certified

Mt Gilmore Project, New South Wales, Australia.

Criteria	JORC Code explanation	Cor	nmentary		
and partial of laboratory • For geo the para make an derivatio • Nature duplicat of accur	 partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. 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. 	independent laboratory with extensive experience and with operations throughout the world.			
		External certified reference material / standards, blanks and duplicates are submitted every 50 th , 51 st and 52 nd sample respectively for QAQC purposes.			
		Lab Standards, Repeats and Blanks have also been reported within the ALS Certificates, along with the standard QC Reports.			
		Sample preparation included Laboratory pulverizing to 85% passing <75um.			
		Ana AES ana	Analysis methods utilized ALS method ME-ICP41 (Aqua Regia ICP-AES). This method tested for 35 elements. Further details for this analytical method and detection limits can be obtained from ALS.		
			Element	Method	Detection Limit
			Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn.	ME-ICP41 (Aqua Regia ICP-AES)	Variable
			Au	Au-ST43	0.1 ppb
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data 	San rest San	npling and analytical methods ults are considered represent nple security has been contro	s are of a good stand ative of the mineralis olled by the Company	ard and as such the ation. r or ALS Minerals.

Mt Gilmore Project, New South Wales, Australia.

Criteria	JORC Code explanation	Commentary
	verification, data storage (physical and electronic) protocols.Discuss any adjustment to assay data.	Auditing of these results has determined accuracies within acceptable industry standards.
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. Specification of the grid system used. Quality and adequacy of topographic control. 	Sample locations were surveyed by hand-held GPS utilising the GDA94 (Zone 56) datum (approximately <u>+</u> 5m accuracy).
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. 	Samples have been taken on variable patterns, including 100m x 50m, 100m x 100m, 100m x 200m and 200m by 200m nominal grids.
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. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	A square grid sampling pattern was utilised. No orientation bias has been established.
Sample security	• The measures taken to ensure sample security.	Sample submission for the sampling program was undertaken by an experienced field technician engaged by the Company.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	No audit of results has been undertaken as yet.

Mt Gilmore Project, New South Wales, Australia.

Surface Soil Geochemistry – Mt Gilmore – May 2018

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 T agreements or material issues with third parties such as joint (E 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 licence to operate in the area. 	The Mount Gilmore Project includes a single Exploration Licence (EL8379) located in New South Wales, Australia. The lease was gran on 23 rd June 2015 and includes 99 "Units".	
		EL8379 is owned 51% by Corazon Mining Limited subsidiary Mt Gilmore Resources Pty Ltd and 49% by Providence Gold and Minerals Pty Ltd. Corazon Mining Limited has the option to earn up to 80% equity in the Project (refer to announcement dated 16 June, 2016).	
		The lease covers private farm (station) land and minor Crown Land.	
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Mineralisation was discovered in the Mt Gilmore Project region more than 130 years ago with small scale mining being completed in the late 1870's at Glamorgan, Flintoffs and Federal copper and mercury mines.	
		Historical records exist for the historical production and sampling. These reports vary in quality and reliability.	
		Modern exploration within the Project commenced in the 1980's when PanContinental completed ground IP and magnetic geophysical surveys, gridded soil geochemistry for Cu, As, Au and Co, 25 trenches (1518.5m) and 17 RC drill holes (for 1,020.82m).	
		At Lantana Downs, in 1981 Freeport in search for volcanogenic massive sulphide deposits (VMS), completed rock-chip sampling and drilling targeting gossanous/sulphide/siliceous lodes identified by mapping and historical workings. Anomalous base metals were identified. Gold and cobalt were not tested for.	
		Between 2006 and 2008 Central West Gold NL completed 25 RC holes and 2 core tails for 2,880m of RC and 163m of core. 21 of these holes	

Mt Gilmore Project, New South Wales, Australia.

Criteria	JORC Code explanation	Commentary
		were targeting Cobalt Ridge and 4 were completed at Gold Hill.
		Corazon completed drilling at Cobalt Ridge in 2016 and 2017.
Geology	Deposit type, geological setting and style of mineralisation.	The Project is located on the western edge of the Mesozoic Clarence- Morton Basin, where it abuts the Siluro-Devonian Silverwood Group. The Silverwood group is intruded by the Later Permian Towgon Grange Granodiorite and, at the contact, tourmaline rich bodies occur ranging from veinlets to breccia-fill to dyke-like bodies up to 10m wide. The tourmaline enrichment appears to correlate with copper, cobalt and gold soil anomalies. Zoning of mineralisation has been identified, with cinnabar concentrated within the granodiorite and copper and gold concentrated within the hornfels. The Project is considered prospective for tourmaline breccia hosted Co- Cu-Au deposits, Cu-Au-Fe skarns and Quartz-sulphide vein systems, including porphyry Cu-Au deposits.
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: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	Not applicable.

Mt Gilmore Project, New South Wales, Australia.

Criteria	JORC Code explanation	Commentary
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. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	Not applicable.
Relationship between mineralisation 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. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	Not applicable.
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. 	All diagrams include grids and scales for reference (if appropriate).
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 Exploration Results. 	Noted and complied with.
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.	Historical exploration results have been previously reported by Corazon Mining Limited. This work included rock-chip sampling, soil geochemistry, geophysics and drilling. Reliance has been placed on historical reports as an indicator of potential only.

Mt Gilmore Project, New South Wales, Australia.

Criteria	JORC Code explanation	Commentary
Further work	 The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	Additional infill soil sampling and geophysics will provide a better understanding of the mineralised trends and mineralisation processes that will be used in defining drill targets.