

16 August 2019

FURTHER HIGH GRADE ROCK CHIP RESULTS FROM THE CHIANTI VMS TARGET AT YAMPI

HIGHLIGHTS

- · High-grade rock chip results confirm extension of mineralised gossan at the Chianti Target
- Mineralised rock chips aligned with the entire strike of FLEM plates
- Drilling approvals well advanced with final approval expected in the September 2019 quarter

Dreadnought Resources Ltd ("Dreadnought" or "the Company") is pleased to announce the results of surface rock chip sampling at the Chianti Target at the Tarraji-Yampi Ni-Cu-Au Project ("Tarraji" or "the Project") in the West Kimberley Region of Western Australia. These additional samples were collected during the recent heritage and environmental surveys and covered the strike extent of gossans which were historically mapped in the 1970s. These new results confirm the outcropping gossan is mineralised in Cu-Zn-Pb-Sn-Ag-Au along the entire strike of defined FLEM plates (see Figure 1 and Table 1).

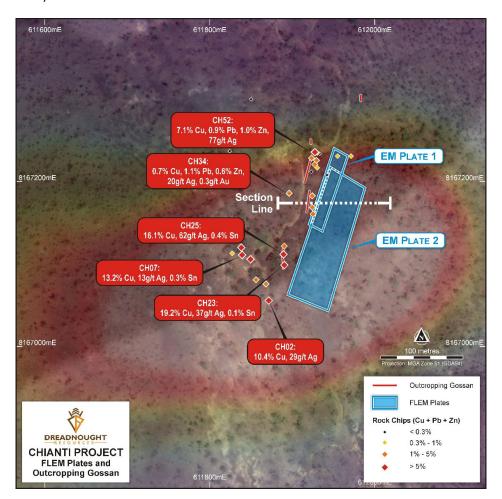


Figure 1: Plan view of the rock chips, EM plates (blue) and outcropping gossans (bright red) over the 2015 airborne VTEM anomaly.



Background on the Chianti Cu-Zn-Pb-Ag VMS Target

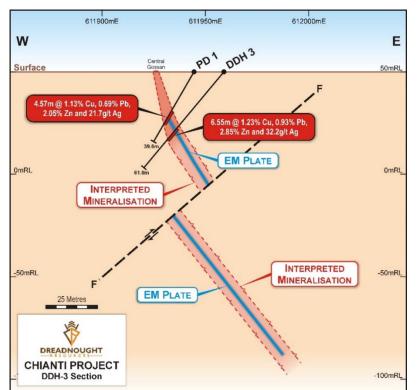
Chianti was originally defined by Australian Consolidated Minerals ("ACM") in 1972. An airborne EM survey flown in 2015 highlighted an EM conductor beneath the 1972 ACM drilling. A FLEM survey was recently completed over part of the airborne EM conductor and identified two strong EM plates.

The Upper EM plate is roughly 100m x 40m with a moderate to high conductivity of 900 siemens. The top of this EM plate is ~25m below the surface and lines up with the historical ACM drill intercepts (see Figure 2):

- PD1: 4.57m @ 1.13% Cu, 0.69% Pb, 2.05% Zn, 21.7 g/t Ag from 10.7m; and
- DDH3: 6.55m @ 1.23% Cu, 0.93% Pb, 2.85% Zn, 32.2 g/t Ag from 36m.

The Lower EM plate is roughly 160m x 80m with a high conductivity of 2,050 siemens and appears to be fault offset in section view extending to a depth of \sim 150m (See Figure 2).

Dreadnought's recent rock chip sampling was designed to confirm mineralisation, characterise the different lithologies and to provide a geochemical signature to the alteration to help fingerprint the mineralisation system responsible for the outcropping gossans. Rock chips samples were collected from in-situ outcrops where available, however ACM disturbed the Chianti area with numerous costeans. Because the costeans have collapsed and become overgrown, multiple samples of different lithologies and styles of mineralisation were collected from piles at each end of the costeans to assist with understanding the immediate area.



Both ΕM plates are associated with outcropping and mapped gossans (see Figure 1), covering almost 200m of When combined with the rock chips and previous drill intercepts, the EM plates create compelling high priority targets for drill testing.

Figure 2: Cross Section through Chianti showing the EM plates, historical drilling and outcropping gossan.



NEWSFLOW FOR THE REMAINDER OF 2019

Late July/early August: Completed Illaara acquisition

August: Completed Wombarella and South Kimberley acquisitions

Late August: Commence target definition exploration at Illaara
August/September: Receive final approvals for drilling at Tarraji-Yampi
Commence diamond drilling at the Tarraji-Yampi project

- August/September: Rocky Dam heritage survey

- September/October: Drilling assay results from the Tarraji-Yampi project

- September/October: Corporate roadshow

- September/October: Commence drilling at Illaara

- October/November: Drilling Results Illaara

October/November: Commence Rocky Dam field exploration

Dreadnought looks forward to reporting a strong news flow for the remainder of 2019.

~Ends~

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Competent Person's Statement

The information in this Report that relates to geology and exploration results and planning was compiled by Mr. Dean Tuck, who is a Member of the AIG and a director and shareholder of the Company. Mr. Tuck has sufficient experience which 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. Tuck consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the format and context in which the Competent Persons findings are presented have not been materially modified from the original reports.



INVESTMENT HIGHLIGHTS

Tarraji-Yampi Ni-Cu-Au Project

Dreadnought controls a significant land holding in the highly prospective West Kimberley located only 85 kms from Derby, Western Australia. The project area has been locked up as a Defence reserve since 1978 and was only recently opened under the Commonwealth Government's coexistence regime that balances Defence needs with the requirements of others including Aboriginal groups, the resources industry, pastoralists and State Governments.

The Tarraji-Yampi Ni-Cu-Au Project presents a rare first mover opportunity in Western Australia with known outcropping mineralisation and historic workings from the early 1900s which have seen no modern exploration.

Three styles of mineralisation occur at Tarraji including: volcanogenic massive sulphide ("VMS"); Proterozoic Cu-Au ("IOCG"); and magmatic sulphide Ni-Cu-PGE. Numerous high priority nickel, copper and gold drill targets have been identified from recent VTEM surveys, historical drilling and surface sampling of outcropping mineralisation.

Illaara Au-Cu-Zn Project:

The Illaara Au-Cu-Pb-Zn Project is located 160km northwest of Kalgoorlie-Boulder in the world class Yilgarn Craton and covers 75 strike kilometres of the Illaara Greenstone Belt. The Project is prospective for typical Archean mesothermal lode gold deposits and Cu-Pb-Zn-Ag VMS mineralisation.

The project was acquired from Newmont Goldcorp who

defined several camp-scale targets which were undrilled due to a change in corporate focus. Prior to Newmont Goldcorp, the Illaara greenstone belt was held predominantly by iron ore explorers and has seen minimal gold and base metal exploration since the 1990s. The project contains several drill ready gold targets and known VMS horizons which could produce exciting drill targets with the efficient and effective application of modern exploration technology.

Rocky Dam Au-Cu-Zn Project:

The Rocky Dam Au Project is located 45kms east of Kalgoorlie-Boulder in the world class Eastern Goldfields Superterrane of Western Australia. The Project is prospective for typical Archean mesothermal lode gold deposits and Cu-Pb-Zn-Ag VMS mineralisation.

The project has known gold and VMS occurrences with drill ready gold targets based from 1990s mineralised gold intercepts which have not been followed up.





Table 1: Chianti Rock Chip Results (GDA94 MGA251)

Sample ID	Easting	Northing	Lithology	Cu (%)	Pb (%)	Zn (%)	Sn (%)	Ag (g/t)	Au (g/t)
CH41	611925	8167161	Gossan	0.6%	1.9%	0.2%	0.1%	6.1	0.3
CH42	611924	8167169	Gossan	0.6%	1.0%	0.3%	0.1%	9.3	0.3
CH43	611924	8167183	Gossan	0.3%	1.6%	0.1%	0.1%	6.6	0.4
CH44	611937	6167219	Gossan	0.5%	1.4%	0.3%	0.0%	3.7	0.2
CH45	611930	8167217	Marboo	0.1%	0.2%	0.0%	0.0%	6.1	0.0
CH46	611929	8167226	Gossan	0.6%	0.7%	0.2%	0.0%	3.9	0.1
CH47	611927	8167221	Gossan	0.5%	2.6%	0.6%	0.1%	1	0.2
CH48	611923	8167212	Marboo	0.0%	0.0%	0.0%	0.0%	2	0.0
CH49	611920	8167223	Gossan	0.5%	1.5%	1.1%	0.2%	3.1	0.1
CH50	611923	8167229	Gossan	1.0%	1.2%	0.5%	0.1%	3.7	0.1
CH51	611942	8167208	Marboo	0.0%	0.1%	0.0%	0.0%	7.2	0.0
CH52	611927	8167236	Gossan	7.1%	0.9%	1.0%	0.0%	77.4	0.2
CH53	611926	8167236	Gossan	0.8%	0.7%	0.7%	0.0%	0.5	0.0
CH54	611930	8167235	Marboo	0.2%	0.3%	0.1%	0.0%	10	0.0
CH55	611933	8167234	Gossan	0.0%	0.0%	0.1%	0.0%	0.5	0.0
CH56	611781	8166637	Quartz	0.0%	0.0%	0.0%	0.0%	0.2	0.0
CH57	611781	8166637	Gossan	0.1%	0.7%	0.2%	0.0%	10.6	0.0
CH58	611781	8166637	Quartz	0.1%	0.0%	0.0%	0.0%	1.3	0.0



JORC Code, 2012 Edition – Table 1 report template Section 1 Sampling Techniques and Data

JORC TABLE 1

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

Criteria	JORC Code explanation	Commentary		
Sampling techniques	 Nature and quality of sampling (e.g. 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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information. 	 Current Exploration Fixed Loop EM (FLEM) surveyed at 25m and 50m station spacing with 50m and 100m spaced lines. FLEM stations were planned perpendicular to geological strike of target horizons. Rock Chips were collected by Dreadnought staff and submitted for analysis. Rock chips are random subject to bias and often unrepresentative for the typical widths required for economic consideration. They are by nature difficult to duplicate with any acceptable form of precision or accuracy. Rock chips have been collected by Dreadnought to assist in characterising different lithologies alterations and expressions of mineralisation. In many instances, several rock chips were collected from a single location to assist with characterising and understanding the different lithologies alterations and expressions of mineralisation present at the locality. Rock chips were submitted to ALS Laboratories in Perth for determination of Au, Pt and Pd by PGM-ICP24 and multiple (48) elements by ME-MS61 Historical Exploration WMC completed diamond drilling at Yampi in the 1950s. The drilling intersected copper mineralisation, but sampling techniques are no known. ACM completed percussion and diamond drilling a Chianti in the 1970s. The drilling intersected base metal mineralisation, but sampling techniques are not known. Versatile time domain electromagnetic (VTEM) and aeromagnetic data acquired for Rio Tinto Exploration in October 2015 were flown by UTS Geophysics using an A-star 350 B3 helicopter with a VTEM max receiver and transmitter and Geometrics caesium vapour magnetic sensor. 		
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	Current Exploration No drilling undertaken. Historical Exploration Diamond drilling at Grants and Wilsons, percussion and diamond drilling at Chianti.		



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Criteria	JORC Code explanation	Commentary		
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.	No drilling undertaken. Historical Exploration Not known.		
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.	Current Exploration Basic mineralogy, textures and lithology logged in the field. Historical Exploration Not known.		
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.	Current Exploration Entire rock chips were submitted to the lab for sample prep and analysis. Historical Exploration Not known.		
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. 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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	Current Exploration The Company commissioned Southern Geoscience Consultants (SGC) of Perth to supervise the (FLEM) surveys that were undertaken by SGC Niche Acquisitions across the Tarraji-Yampi Project. The geophysical FLEM program parameters were as follows: Contractor: SGC Niche Acquisition Configuration: Fixed-Loop EM (FLEM) Tx Loop size: 200 x 300 m Transmitter: TTX2 Receiver: Smartem24 Sensor: Smart Fluxgate Line spacing: 50 and 100 m Line bearing: E/W Station spacing: 25 and 50 m Tx Freq.: 2.0833 Hz Duty cycle: 50% Current: 7 Amp Stacks: 64 Reading: minimum 2 repeatable readings per station		



Criteria	JORC Code explanation	Commentary
		 All samples were submitted to ALS laboratories in Perth where 1-3kg rock chips samples were crushed so that >70% of material passes through 6mm, the sample is then pulverised to >85% passing 75 micron. A 50 gram aliquot was analysed for Au, Pt and Pd by Fire Assay and ICP-AES finish (ALS Code PGM-ICP24) Fire Assay is considered a total digest for Au, Pt and Pd A 0.25 grams aliquot was analysed for 48 elements by a four-acid digest and ICP-MS finish (ALS Code ME-MS61). Four-acid digest is considered a "near-total" digest for most elements. No standards, duplicates or blanks submitted with rock chips. Historical Exploration Not known.
Verification of	The verification of significant intersections by	Current Exploration
sampling and assaying	either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data.	
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.	Current Exploration Surface geophysics was positioned with a Garmin 64 hand held GPS which has an accuracy of +/-5m. All rock chip locations were recorded with a Garmin handheld GPS which has an accuracy of +/-5m. GDA94 MGAz51. Historical Exploration Not known.
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.	The geophysical anomalies cross multiple stations and lines and as such the data spacing is sufficient to model the anomalies.



Criteria	JORC Code explanation	Commentary
	Whether sample compositing has been applied.	sufficient to establish the degree of geological and grade continuity appropriate for a Mineral Resource.
		Historical Exploration
		Historical drilling is not sufficient to establish the degree of geological and grade continuity appropriate for a Mineral Resource.
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.	 Current Exploration FLEM stations were planned perpendicular to geological strike of the target units. Rock chip sampling is by nature highly biased. No drilling was undertaken. Historical Exploration 2015 VTEM data was acquired in three blocks on lines orientated 137° (Block A), 164° (Block B) and 000° (Block C), slightly oblique to the strike of the predominant structural/geological trend. Drilling at Chianti was drilled at 60 degrees to the west into a N-S trending and east dipping mineralised lode, this drilling is believed to be largely perpendicular, but reported thicknesses are down hole thicknesses and cannot be converted to true thickness based on current knowledge. Grants and Wilsons were drilled at 60 degrees to the west into a N-S trending and near vertical dipping mineralised lode. This drilling is believed to be largely perpendicular, but reported thicknesses are
		down hole thicknesses and cannot be converted to true thickness based on current knowledge.
Sample security	The measures taken to ensure sample security.	FLEM data was recorded by the Smartem24 and downloaded in the field and emailed to Southern Geoscience Consultants daily and is backed up to tape weekly. All samples were collected, bagged and sealed by Dreadnought staff. Sealed sample bags were placed into a bulk sample container and dispatched from a reputable trucking company in Derby to ALS Laboratories in Perth with tracking con notes recording dispatch and delivery.
		Historical Exploration
		Not known.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Current Exploration Geophysical data has been audited and reviewed by Southern Geoscience Consultants No audits or reviews have been undertaken for rock chip sampling
		No external audits or reviews of sampling techniques and data collection have been undertaken.

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Section 2 Reporting of Exploration Results (Criteria in this section apply to all succeeding sections.)

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 licence to operate in the area.	 The Tarraji-Yampi Project consists of 4 granted (E04/2315, E04/2508, E04/2557, E04/2572) and 1 pending exploration Licenses (E04/2608) The Tarraji tenement (E04/2315) is an 80/20 JV between IronRinger (Tarraji) Pty Ltd and Whitewater Resources Pty Ltd. The Yampi Tenements (E04/2508, E04/2572, E04/2557, E04/2608) are 100% owned by IronRinger (Tarraji) Pty Ltd IronRinger (Tarraji) Pty Ltd is a wholly owned subsidiary of Dreadnought E04/2315, E04/2508, E04/2572, E04/2557 are located within the Yampi Sound Training Area (YSTA) which is freehold land owned by the Commonwealth Government and administered by the Department of Defence. Being freehold Commonwealth Land, there is no Native Title over these tenements. E04/2608 is partly located within the YSTA and partly on Vacant Crown Land which has Native Title claim by the Warra Combined (NNTT Number 2901)
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Regional mapping, basic stream sediment, soil sampling and limited diamond drilling was completed by WMC in the 1950s. Shallow percussion and diamond drilling was undertaken by ACM at Chianti in the 1970s. The YSTA was off limits to exploration from 1978 until 2013.
Geology	Deposit type, geological setting and style of mineralisation.	The Tarraji-Yampi Project is located within the Hooper Complex which is a Proterozoic Mobile Belt in the West Kimberley. The Hooper Complex has known occurrences of Cu-Zn-Pb-Ag VMS mineralisation within the Marboo Formation, magmatic Ni-Cu-PGE mineralisation in the Ruins Dolerite and later stage Proterozoic Cu-Au mineralisation associated with significant structures and late stage intrusions.
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: a 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.	Current Exploration No drilling reported. Historical Exploration Drilling was completed in the 1950s and 1970s and limited information is available. Drill collar locations are not visible on the surface and have not been verified. Locations have been georeferenced from historical mapping and drill plans.



Criteria	JORC Code explanation	Commentary
	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.	
Data aggregation methods Relationship between	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. 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.	Current Exploration No drilling reported. Historical Exploration Reported mineralised intercepts are from historical reports and sections. Historical intercepts appear to be weighted averages, but no information is known regarding techniques or cut offs used. Current Exploration
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 (e.g. 'down hole length, true width not known'). 	No drilling was undertaken. Historical Exploration Chianti was drilled at 60 degrees to the west into a N-S trending and east dipping mineralised lode. This drilling is believed to be largely perpendicular, but reported thicknesses are down hole thicknesses and cannot be converted to true thicknesse based on current knowledge. Grants and Wilsons were drilled at 60 degrees to the west into a N-S trending and near vertical dipping mineralised lode. This drilling is believed to be largely perpendicular and with some bias, but reported thicknesses are down hole thicknesses and cannot be converted to true thickness based on current knowledge.
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.	Refer to figures within this report.
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.	Current Exploration All rock chip assays have been reported in Table 1 and displayed in figures within the report Historical Exploration All collar locations have been shown in plan view. Further information can be found in WAMEX in reports WMC: A405, A407, A413, A415, A417 ACM: 7506.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including	Rio Tinto Exploration completed a versatile time domain electromagnetic (VTEM) and



Criteria	JORC Code explanation	Commentary
	(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.	 aeromagnetic survey covering 206 sq km of the Yampi tenements for 901 line kilometres of data using 125 and 250 m line spacing. Targets from the VTEM survey are shown in Figure 3 in this report. Whitewater Resources Pty Ltd completed rock chip sampling of copper gossans in 2013. Maldron Minerals NL completed rock chip sampling of gossans in 1993.
Further work	The nature and scale of planned further work (e.g. 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.	A review of a high resolution Airborne Magnetic survey an regional lithogeochemical sampling is underway to assist with lithostructural interpretation and targeting Once all approvals are in place, drilling is expected to commence in 2H 2019.