

TEM | Range Update - Gold In Rock Chips and Expanded Drilling

Key Points

- Multiple rock chips at ~1gpt at the Cherokee Target
- Drill program expanded to include new results
- Drilling and multiple field campaigns expected in September

Summary

Tempest Minerals Ltd (TEM) is pleased to update the market on exploration at its 100%-owned Range Project in Mt Magnet. Recent surface sampling at the Cherokee target has yielded peak rock chip values of above 1gpt gold from prospective outcrops that recent work confirmed is the same host of gold mineralisation in the Mt Magnet region, including the nearby Britannia Well Mine. The new results will drive the expansion of the recently announced upcoming RC drilling program at the Wrangler and Defender targets, with additional drilling being added to test the Cherokee target.

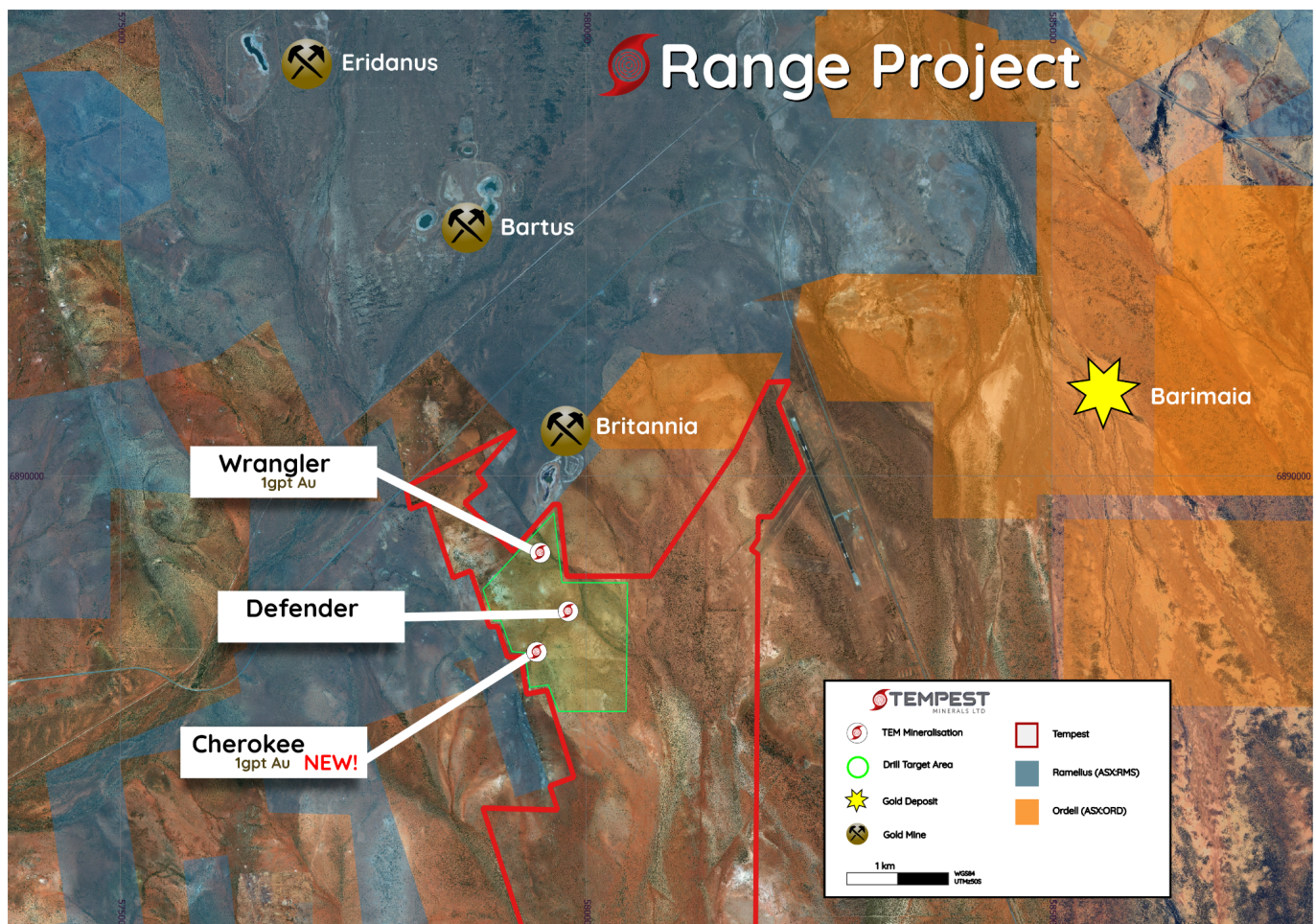


Figure 01: Range Project with new gold results, drill target area and neighbouring operations

Range Project

Mt Magnet Region

Mt Magnet is a premier multi-million-ounce gold mining centre with numerous large-scale, long-life open pit and underground mines currently in operation ¹. The region hosts major resources companies such as Ramelius Resources Ltd ² and Westgold Ltd ³ as well as considerable current exploration success by companies such as Ordell Minerals Ltd ⁴.

Historically, like much of Western Australia, exploration in the Mt Magnet field has focused primarily on a narrow mineralisation model.

More recent geological understandings show the presence of other mineralisation types in the region, with examples such as the Eridanus ⁶ and Quasar ⁵ deposits and the developing Barimaia deposits ⁷.

Range Project

Located in the heart of the Mount Magnet mineral field and 5km along strike of the prolific +6Moz Mount Magnet Operations, the Range Project consists of 17 tenements covering 20km².

TEM have been exploring the Range project for some time, including analysing historical data leading to a number of exploration prospects being generated ⁸. TEM previously discovered gold and tourmaline-bearing felsic volcanics along strike from the adjacent Britannia Open Pit ⁹ known as the Wrangler Target, and is among the current high-priority drill targets being planned by TEM.

Recent fieldwork identified a number of gold exploration targets along a 7km strike length, which are being progressed through mapping, geochemical sampling, mineralogical analyses and drill planning. The targets are located in several different geological settings ¹⁰.

Project Geology

Mount Magnet is a strongly endowed sequence of typical Murchison greenstone belts, intruded by multiple felsic porphyry intrusions, some of which are distinct sericite-sulphide altered and mineralised units with moderate to high-grade (0.7-1.5g/t) gold mineralisation. Approximately 75% of the endowment in Mount Magnet is hosted within porphyry, the remainder in banded iron formations (BIFs) and other lithologies.

The Mount Magnet area forms what is interpreted to be a thrust-fold belt, bound by normal faults along a NNE orientation. Later folding and deformation include the mineralised "Boogardie Break" orientation, which is responsible for alteration and mineralisation of the porphyry intrusions, and high-grade classic Boogardie Break mineralised zones within BIFs. Larger, granodioritic intrusions such as Eridanus, Hesperus and Saturn are mineralised in breccia zones or stockwork vein arrays.

Based on the recent mapping work undertaken by Tempest ¹¹, the re-interpretation indicates that the Range Project includes previously identified extensions to the Britannia Well stratigraphy, which continue to the south around the contact with the Airport Granite, albeit with less BIF.

The project geology is considered to be equivalent to the Poverty Flats area at Mount Magnet, with lithology and stratigraphy comparable to the Saturn-Hesperus-Boomer area, with lithology of BIF, ultramafic and basalt intruded by felsic porphyry sills. The Range Project lies adjacent to the northeast striking Jumbulyer Fault, which is considered a fundamental control on mineralisation. Work also showed that there are strong analogies to Ordell Minerals' Barimaia project, where voluminous porphyries intrude similar-aged ultramafic rocks.

Gold in Rock Chips

Recent reconnaissance field sampling was undertaken at the new Cherokee prospect to better understand the local controls on mineralisation. Of the eight rock chip samples collected, several were anomalous including two returning assays of **1g/t Au** (Table 1), which were returned from banded iron formations on the western boundary of the Project leases. The BIF sequence contains generally north-east striking fractured quartz veins with sulphide and siderite alteration of a style similar to the nearby Britannia Well open pit mineralisation and Boogardie Break mineralisation in the Mount Magnet region. Trace element geochemistry in these samples shows elevated arsenic, mercury, tellurium and tungsten, similar to BIF and porphyry mineralisation. Tempest geologists have observed a sequence of BIF and adjoining porphyry and ultramafic rocks that strikes SSE and may continue under cover in the southern Range Project area. In the adjoining lease (P58/1849), shallow historical workings and drilling indicate historical prospecting activities focused along this line of BIF.

Table 1: Significant results from recent rock chip sampling at the Range Project.

Sample ID	East	North	Au g/t	As ppm	Comments
MGTS00044	579094.9	6888474.2	0.92	277.3	BIF
MGTS00045	579141.7	6888324.0	1.02	49.7	BIF

* Coordinates are WGS84 UTMz50S



Figure 02: Mineralised samples (MGTS00044 and 45) of fractured, quartz-veined BIF.

Drilling

Commencement of drilling has unfortunately been delayed due to the drilling contractor's current program in the goldfields being extended. Drilling is now scheduled to commence late in September.

Some very shallow legacy drilling appears to have occurred in the general vicinity of the project. However, data from this work is sparse and generally lacks sampling records. Tempest's upcoming drill program will include extra drillholes in which will confirm some of the legacy drilling and also drill multiple new untested targets.



Figure 03: Wrangler Target relative to existing Britannia Well Open Pit (TEM tenure in red)

Next Steps

Due in September:

- RC drilling at several priority targets is anticipated to commence
- Auger geochemical sampling program at the Evoque target
- Further assay results from recent geochemical sampling

The Board of the Company has authorised the release of this announcement to the market.

About TEM

Tempest Minerals Ltd is an Australian-based mineral exploration company with a diversified portfolio of projects in Western Australia, where its iron ore project is moving towards development in addition to exploring for precious, base and energy metals. The Company has an experienced board and management team with a history of exploration, operational and corporate success.

Tempest leverages the team's energy, technical and commercial acumen to execute the Company's mission - to maximise shareholder value through focused, data-driven, risk-weighted exploration and development of our assets.

Investor Information

 investorhub.tempestminerals.com


TEM welcomes direct engagement and encourages shareholders and interested parties to visit the TEM Investor hub, which provides additional background information, videos and a forum for stakeholders to communicate with each other and with the company.


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Forward-looking statements

This document may contain certain forward-looking statements. Such statements are only predictions, based on certain assumptions and involve known and unknown risks, uncertainties and other factors, many of which are beyond the company's control. Actual events or results may differ materially from the events or results expected or implied in any forward-looking statement. The inclusion of such statements should not be regarded as a representation, warranty or prediction with respect to the accuracy of the underlying assumptions or that any forward-looking statements will be or are likely to be fulfilled. Tempest undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date of this document (subject to securities exchange disclosure requirements). The information in this document does not take into account the objectives, financial situation or particular needs of any person or organisation. Nothing contained in this document constitutes investment, legal, tax or other advice.

Competent Person Statement

The information in this announcement that relates to Exploration Results and general project comments is based on information compiled by Don Smith who is the Managing Director to Tempest Minerals Ltd. Don is a Member of AusIMM, AIG and GSA and has sufficient experience relevant to the style of mineralisation under consideration and to the activities 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'. Don consents to the inclusion in the report of the matters based on his 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 Exploration Results information included in this report from previous Company announcements as referenced in the body of this announcement and further confirms that all material assumptions underpinning the exploration results contained in those market releases continue to apply and have not materially changed.

Appendix A: References

1. Watkins and Hickman (1990) "Murchison granite-greenstone terrain"
2. Ramelius Resources Ltd Website (accessed 2025-07-16) ➤
3. WestGold Resources Ltd Website (accessed 2025-07-16) ➤
4. Ordell Minerals Ltd Website (accessed 2025-07-16) ➤
5. RMS ASX Announcement dated 13 May 2024 "Eridanus Resource up 64%" ➤
6. Robertson I., King J., Anand R. (2001) "Regolith geology and geochemical exploration around the Stellar and Quasar gold deposits, Mt Magnet, Western Australia"
7. ORD ASX Announcement dated 19 May 2025 "Aircore Drilling Expands Prospective Barimaia Intrusion to +7km Strike" ➤
8. TEM ASX Announcement dated 16 October 2020 "Company Presentation and Webinar Details" ➤
9. TEM ASX Announcement dated 13 Nov 2023 "TEM | Mt Magnet - New Gold Bearing Structures At The Range Project" ➤
10. TEM ASX Announcement dated 22 July 2025 "TEM | Exploration Work Commences at Mt Magnet" ➤
11. Gneiss Results "Mapping Stratigraphy and gold Targets, Wrangler Project, Mount Magnet" July 2025

Appendix B: 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Rock chip samples were collected via geological hammer from outcrops in the field via sub-sampling dispersed rock fragments within a 2-3m radius. All rock chip samples were submitted to Labwest Laboratories in Perth and were multi-element (62 elements) tested via multi-acid digestion (MMA04) and aqua regia digest (WAR-25).
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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). 	<ul style="list-style-type: none"> No drilling reported.
Drill sample recovery	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No drilling reported.

Logging	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Rock Chip samples were qualitatively geologically logged to describe mineralogy, texture, alteration and appearance. Rock Chip and Drill Chip samples were photographed in the field for visual verification purposes using georeferenced photographs. All data was digitally recorded using GRID software.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Rock chip samples were carefully visually examined and collected so as to best represent the target lithology being sampled. Rock Chip sampling is qualitative in nature and provides an indication of mineralisation in the general vicinity of the sample. No QAQC samples were submitted as this was a reconnaissance sampling program.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> 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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<ul style="list-style-type: none"> All rock samples were prepared using standard crushing and pulverising (to -75µ) at Labwest or ALS, Perth, WA. From the resulting pulp a subsample is then subjected to four acid digest and these are assayed by method MMA04 (62 multi-element analysis by ICP-MS/OES) and 25g aqua regia digest: low level Au (0.5ppb DL) by ICP-MS (WAR-25). Laboratory QAQC results were used to determine the quality of data.
Verification of sampling and assaying	<ul style="list-style-type: none"> 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 verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> No independent data verification was undertaken due to the preliminary reconnaissance nature of the sampling. Samples were recorded by Tempest employees in the field into GRID software, with location, photographs and simple geological logging undertaken. Hard-copy and digital notes were taken by the Gneiss Results consultant; data points were recorded in Avenza and later transcribed into GIS data points.

Location of data points	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Sample point locations collected by handheld GPS ($\pm 3\text{m}$ horizontal, up to 4m vertical error). Grid: Datum WGS84 UTM Zone 50S. Topographic control is provided by SRTM 1 arc second DTM and drone topographic control.
Data spacing and distribution	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Sampling was undertaken across geologically reasoned locations. Where appropriate, representative samples were acquired from multiple points across large outcrops. Data is for mapping and interpretation only, and for generating exploration targets.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Sample points were located both perpendicular and parallel to the general strike of geological formations as appropriate to the target lithology and specific location. No orientation of mineralization can be deduced at this time.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Samples were sealed in individually numbered plastic bags with zip ties. Samples were delivered to the laboratory directly by company personnel to ensure complete chain of custody.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> Results were reviewed and validated using standard internal TEM QA/QC procedures.

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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All rock information quoted is from tenure held 100% by Warrigal Mining Pty Ltd which is a subsidiary of Tempest Minerals Ltd. Sampling was conducted on M58/229, P58/1770, P58/1796. No overriding interests are present to the Company's knowledge. Tempest acknowledges the traditional owners of the land.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Tempest acknowledges the work by previous explorers including Harmony Gold and Ramelius Resources. Tempest and Gneiss Results have identified drilling by historical explorers which is not comprehensively reported to WAMEX and for which records are not available. Prior small holders of Prospecting Licenses have held portions of the tenure in the past and have not reported all exploration activity
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The Range Project lies within the Murchison Domain greenstone stratigraphy. Geology observed to date places the Project geology into the lower greenstone formations of the Murchison Domain. Lithology observed during the mapping includes komatiitic basalts, basalts, gabbros and banded iron formations consistent with the sequences observed in the Mount Magnet and Boogardie Basin, adjoining the Project Area. NNW (and also NNE) trending foliations, faults and shear zones are visible throughout the outcrops at the project with the former appearing to be related to localised mineralisation. The N-S oriented, gold mineralised Britannia Well Shear also passes through the Project.

Drill hole Information	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No drilling was undertaken. Tempest is continuing to verify and describe historical drill hole information. No new drill hole information is being reported. Appropriate maps are presented within the body of this Report.
Data aggregation methods	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No data aggregation methods were used. No metal equivalent values are reported.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> 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'). 	<ul style="list-style-type: none"> Grades are from geochemical sampling (point data) only. Any historical drilling intercepts reported refer to grade-metres down hole.
Diagrams	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Appropriate diagrams and/or tabulations are included in the body of the announcement - including interpreted geology and target locations
Balanced reporting	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The interpretations from field observations and historical work have been comprehensively reported.

		<ul style="list-style-type: none"> Reporting is unavoidably limited by availability of detailed historical exploration data; however, TEM has made every effort to present a balanced and accurate view.
Other substantive exploration data	<ul style="list-style-type: none"> <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> 	<ul style="list-style-type: none"> Previous rock chip sampling by TEM has been referenced in Appendix A, including the relevant previous ASX release from 19/09/2024.
Further work	<ul style="list-style-type: none"> <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> Drilling is anticipated to commence in late September. Auger geochemical sampling is anticipated to be undertaken in September.

Appendix C: Rock Chip Data

Sample ID	East	North	Au ppb	As ppm	Hg ppm	Te ppm	W ppm	Comments
MGTS00015	578546.3	6889854.2	3.5	3.5	<0.5	<0.5	0.5	Felsic Porphyry
MGTS00016	578646.5	6889721.0	1.7	5.3	<0.5	0.6	0.5	Felsic Porphyry
MGTS00017	578969.5	6889211.5	0.7	3.6	<0.5	<0.5	0.8	Felsic Dacite
MGTS00018	578900.7	6888877.6	1.1	5.1	<0.5	<0.5	<0.1	Felsic Tonalite
MGTS00044	579094.9	6888474.2	920.2	277.3	0.22	0.14	0.2	BIF
MGTS00045	579141.7	6888324.0	1,015	49.7	<0.5	0.13	17.2	BIF
MGTS00046	579620.4	6888057.8	30.1	4.8	<0.5	<0.5	0.5	Quartz Vein
MGTS00073	579434.8	6886219.5	0.5	1.6	<0.5	<0.5	3.2	Quartz Lode

* Coordinates are WGS84 UTMz50S