QUEENSLAND EXPLORATION PROJECTS UPDATE

- Projects identified by Sasak through analysis of regional geophysics and geochemistry databases to target IOCG (Iron Oxide Copper Gold) and base metals deposits in the Mount Isa region.
- Results of 2016 VTEM survey program incorporated into geological review of projects and targets.
  - Higher resolution magnetics captured during VTEM surveys crucial to targeting.
- Multiple targets identified across 7 granted Licences.
  - Iron Oxide Copper Gold (IOCG) targets:
    - EPM 25887 Selwyn: 11km North of BHP Cannington.
    - EPM 25884, EPM 26167 Mt Angelay: 30km NE of Selwyn-Starra Deposit.
    - EPM25885 Kamileroi: 150km NNW of Cloncurry.
    - EPM25883 Oban: 35km SW of Mt Isa.
    - EPM19306 Davenport Downs: Southern extension of the Mount Isa Belt undercover.
    - EPM 19471 Pulchera.
  - Sediment-hosted lead (Pb) zinc (Zn) targets:
    - EPM19470 Squirrel Hill: 12 km WNW of BHP Cannington.
- Surface geophysics and multielement geochemical sampling now planned to facilitate Sasak technical analysis for drill targeting.
  - Mapping and multi-element surface sampling programs to refine targets and models at Selwyn, Mt Angelay, and Oban.
  - Ground gravity survey at Kamileroi.
  - Potential Aircore-RAB holes at Squirrel Hill.
- Site visits and Soil Sampling in Q2 2017
- Drill planning for Q3-Q4 2017
Following the results of airborne VTEM surveys over most of MRG’s Mt Isa district projects in late 2016, detailed review of geological and geophysical data has defined a series of potential targets for exploration and identified where additional work programs require completing.

An extensive field program in the Mt Isa district scheduled for May 2017, will provide the geological and geochemical information necessary to refine prospective anomalies into targets that can be drill-tested with confidence and reliability. Where the prospective targets are under-cover, additional ground geophysics will be used to generate discrete 3D targets for drill-testing through the sedimentary cover.

Field work in Q2 will lay the foundations for MRG to prioritise its exploration projects and have drill rigs operating at the best of the Mt Isa targets in Q3 and Q4 of 2017.
Selwyn

**EPM 25887 Selwyn** is located 11km north of BHP Cannington in calc-silicate rocks of the Staveley Formation. A large, roughly ellipsoidal magnetic was identified during the course of VTEM survey in late 2016. After review of geology and data this feature is now the focus of exploration at Selwyn for potential IOCG intrusion-related target.

In Q2 2017, a program of mapping and multi-element soil sampling will test this exploration model, refine the target further and guide drill planning for the mid year.
Mt Angelay

**EPM 25884, EPM 26167  Mt Angelay** is located 30km NE of Selwyn-Starra Deposit, in calc-silicate rocks of the Staveley Formation. After review of geology and data captured during the VTEM survey in late 2016, an unexplained magnetic feature in the centre of the project is now the focus of exploration at Mt Angelay for potential IOCG intrusion-related target.

In Q2 2017, a program of mapping and multi-element soil sampling will test this exploration model, refine the target further, and guide drill planning for the mid year.
Oban

EPM 25883 Oban is located 35km SW of Mt Isa at a complex splay in regional-scale structures, in calc-silicate sequences and quartzites of the Alpha Centauri Group and calcareous metasediments of the Gunpowder Formation.

In Q2 2017, a program of mapping the widespread outcropping rock combined with multi-element soil sampling will test the potential of the tenement and refine any targets for drilling.
Kamileri

EPM25885 Kamileri is located 150km NNW of Cloncurry. The project is entirely covered in deep sediments of the Carpentaria Basin. Three historical drillholes indicate depth to Proterozoic basement is around 200-230m with large variations due to paleo-topography (highs).

Geological maps indicate Proterozoic basement rocks comprise metasedimentary and calc-silicate rocks of the Mt Albert Group and Corella Formations with drilling having intersected amphibolite, calc-silicates (including marble/carbonates) and Cu-mineralised ironstone.

Paradigm Metals drillhole BBD-002 intersected 40m @ 0.14% Cu from 397.5m in magnetic ironstone at the centre of the prospect and data collected during the 2016 VTEM confirms that the core of this target has been successfully drill tested. The current focus of MRG exploration is on the gravity anomaly identified by Teck to the immediate south of this magnetic feature.

An extension to the existing ground gravity survey is planned for Q2 2017, with a drill target to be developed from this refined gravity dataset.
Squirrel Hills

**EPM 19470 Squirrel Hills** is located 12km WNW of South32’s Cannington Mine (Ag-Pb) under cover sediments of the Gilbert Creek Formation. While the results of a 2016 VTEM survey did not produce an anomalous target the tenement remains under-explored and MRG’s planned field work in Q2 2017 will drive the next stages of sampling or geophysical exploration of the tenement, with a potential Aircore-RAB drilling program flagged for mid-year.

Davenport Downs

**EPM19306 Davenport** is located 380km SSE of Mt Isa in the undercover extension of the Mount Isa Belt near to the Diamantina Hinge Zone. The target zone identified by Sasak analysis of regional geophysics is located in the Bulonga Volcanics at the point where deformation by the Thompson Orogen begins to drag the earlier Mt Isa Inlier rocks in a southwesterly direction.

Detailed modelling of cover depth from geophysics indicates the depth of Paleozoic sedimentary cover (Eromanga Basin) to be 600-800m, making effective exploration of this target prohibitively expensive despite the prospectivity of the location. MRG will review options for deeper targeting technology before making a decision regarding the Davenport Project.
Pulchera

EPM19471 Pulchera project is located in the Simpson Desert near the Northern Territory border in western Queensland, along strike from the Krucible Metals Toomba discovery of up to 27m @ 0.4% Cu from 9m (including 3m @ 2.4% Cu). The prospective unit of Proterozoic basement rocks are overlain by 50m to 80m of Eromanga Basin sediments and desert sand dunes. MRG are working on defining the geological and structural framework of the prospect while developing a combined geophysics and geochemical sampling program that will best advance this remote project.

Andrew Van Der Zwan, Non Executive Chairman, says “We are pleased with the progress to date on our Qld portfolio and continue to look for the most efficient ways to move from tenement acquisition to decision to drill. In the case of our Qld IOCG portfolio we have leveraged the Sasak technology to identify targets at the regional scale and then used VTEM analysis to refine our targeting. Having identified a number of opportunities we now plan to use techniques at the project scale to refine targets such that when we do drill we give ourselves the best chance of success. Our next steps will see us gather further geochemistry data, feed it back into the Sasak technology and develop very specific drill targets. This combination of approaches allows us to reduce our target zone to a level where reduced drilling expenditure gets us to a go-no go decision on a project level at significantly reduced expenditures.

Our aim is to take all our projects through this process such that we have a portfolio of drill ready, highly prospective targets. We are continually ranking our prospects against new potential prospects, ultimately bringing new projects to the portfolio and drilling the most prospective. This will give us a unique model, whereby we aim to drill our targets very discreetly for an all up expenditure program of circa $300-$400k through to the completion of the first drill program. After which we will complete follow up drilling if justified, as with Yardilla, or move to the next project. A very cost effective method to achieve a major find”.

Andrew Van der Zwan
Chairman

The information in this report, as it relates to Exploration Results is based on information compiled and/or reviewed by Mr. Benjamin McCormack, who is a member of the Australian Institute of Geoscientists (AIG).

Mr. McCormack is a consultant to the Company and has the relevant experience with the mineralisation reported on 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. McCormack consents to the inclusion in the report of the matters based on the information in the form and context in which they appear.