

**JUPITER MINES
LIMITED**

ABN 51 105 991 740

ASX Release

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Issued Capital:

Shares: 1,345,694,702
Deferred Shares: 262,255,799
Unlisted Opts: 6,300,000

ASX Symbol: JMS

Currently Exploring for:

- Iron Ore
- Manganese

Jupiter Mines Limited

**Mt Ida Magnetite Project Maiden Inferred Resource
530 Million Tonnes**

Phase 1 Target Has Been Achieved

Key Points

- Maiden inferred magnetite resource at Central Mt Ida is 530 million tonnes at 31.94% Fe, exceeding earlier expectations.
- Resource was generated from 11,898 metres of drilling conducted on the Central Area only
- The resource model of the Central Area shows six flat lying magnetite lodes
- Mineralisation is open to the north and south of the tested Central Area
- Further drill programs are planned to increase the Inferred resource by exploring the Southern and Northern Areas, whilst advancing the Central Area to Measured and Indicated status
- The maiden resource generated for the Central Area confirms a significant magnetite project at Mt Ida

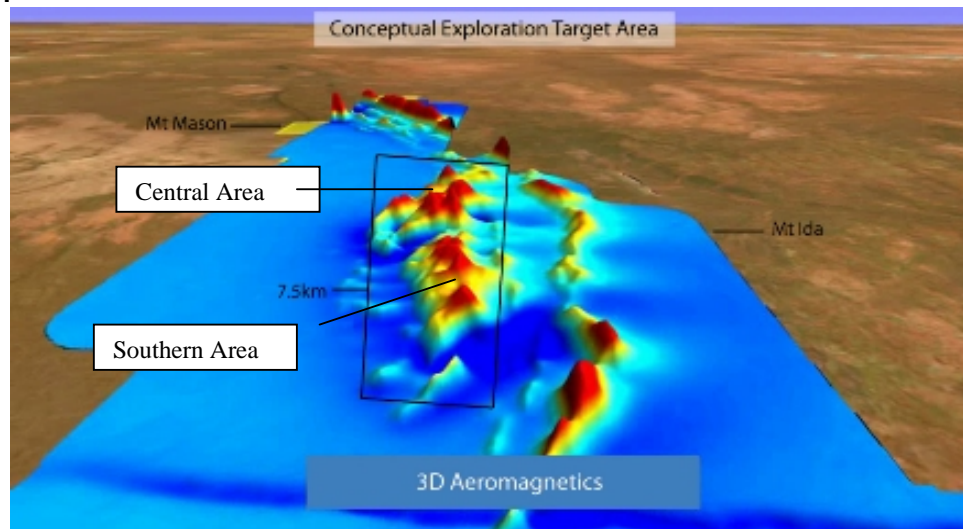


Figure 1 – Mt Ida 3D Aeromagnetic and Conceptual Exploration Target Area

Jupiter Mines Limited (ASX:JMS) is pleased to announce that the initial drill program to evaluate the magnetite potential at Central Mt Ida has delivered a maiden Inferred Magnetite Resource of 530 million tonnes at 31.9%, exceeding the initial objective of 400 million tonnes. The results are summarised in Table 1 below.

Table 1 Mt Ida Inferred Resource

| | Mt | Fe% | SiO2% | Al2O3% | P% | S% |
|----------------|-----------|------------|--------------|---------------|-----------|-----------|
| Central Mt Ida | 530 | 31.94 | 45.88 | 1.10 | 0.074 | 0.201 |

Notes: Head grade cut off 15% Fe
Density estimated of 3.2t/m3 was applied

Jupiter has previously announced a conceptual exploration target of between 1.1 to 1.3 billion tonnes for magnetite at Mt Ida, with an expected grade of between 30 to 40% Fe (Figure 1). The conceptual target has a length of approximately 7.5 km. The initial drilling program tested the potential of only the Central Area which has a length of 2.2 km.

Mineralisation at Central Mt Ida has been intercepted down to 300 metres. The magnetite BIF units plunge at approximately 20 degrees to the NNE with a dip of 30-40 degrees to the ENE. Modelling of these units from the drill data has delineated a series of six magnetite BIF lodes in the Central Area (Figure 2). Regional folding over the project has resulted in localised crustal thickening of the BIF units with the axial plane of this folding also trending NNE.

Oxide mineralisation is usually present from surface down to a depth of 50 metres and is dominated by hematite, goethite and magnetite. The magnetite mineralisation is in the main six lodes and extends from 50 to 300 metres in depth.

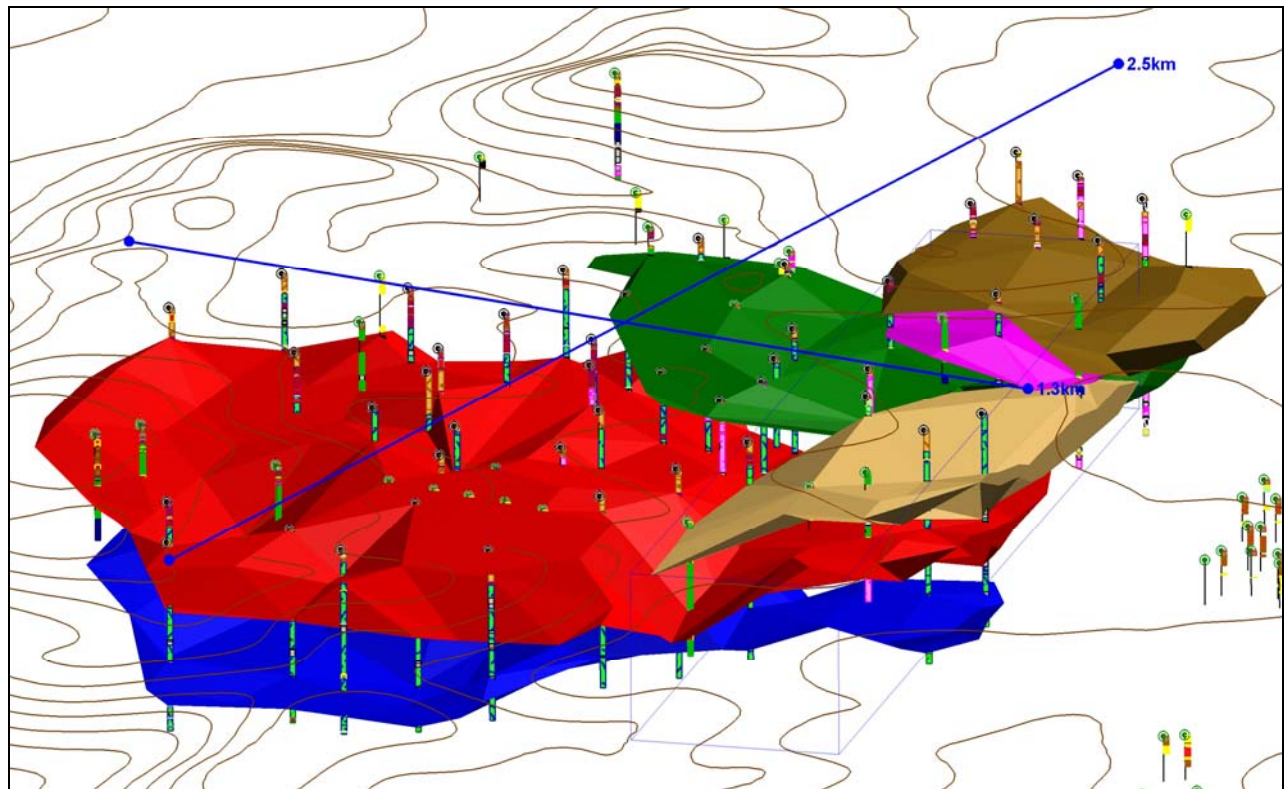


Figure 2 – Mt Ida Inferred Resource Model showing the six mineralised lodes

While the Company is optimistic that it will report additional resources in the future, any discussion in relation to Exploration Target, over and above the stated Inferred Resources is only conceptual in nature. There has been insufficient exploration to define a Mineral Resource over and above the Inferred Resource and it is uncertain if further exploration will result in determination of a Mineral Resource.

Drilling of the Southern and Northern Areas is now being planned for 2011 to increase inferred resources, Infill holes will also be drilled in the Central area to bring the resource into the measured and indicated categories. It is intended that the results will serve as basis for a Feasibility Study during 2012. Board approval for the additional drilling will be sought next month, upon completion of a Scoping Study.

The maiden Inferred Resource generated from the Central Area has demonstrated that Mt Ida has the potential to be a substantial magnetite project.

Yours faithfully
Jupiter Mines Limited



Greg Durack
Chief Executive Officer

Competent Persons Statement

The information in this release that relates to Exploration Results is based on information compiled by Mr Charles Guy, a Member of the Australian Institute of Geoscientists, and Mr Michael O'Mara a Member of the Australian Institute of Geoscientists.

Exploration Manager: Charles William Guy Competent Person

The information in this announcement that relates to Exploration Results is based on information compiled by Mr Charles William Guy who is a Member of the Australian Institute of Geoscientists and a full-time employee of Jupiter Mines Limited. Charles William Guy has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Charles William Guy consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears Charles William Guy holds the position of Exploration Manager with Jupiter Mines Limited

Senior Exploration Geologist: Michael O'Mara Competent Person Inferred Resource Statement

The information in this announcement that relates to Exploration Results, Mineral Resources or Ore reserves is based on information compiled by Mr Michael O'Mara who is a Member of the Australian Institute of Geoscientists and a full-time employee of Jupiter Mines Limited. Mr Michael O'Mara has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Michael O'Mara consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears Michael O'Mara holds the position of Senior Exploration Geologist with Jupiter Mines Limited.

The estimated quantity and grade of the magnetite inferred resource has been restricted to magnetite Banded Iron Formation (BIF) in the area currently covered by drilling on an approximate 250m x 150m drill pattern at Mt Ida central using vertical holes. This is represented by an area approximately 2.2km (North North -east) x 1km (east-west) on the Central Mt Ida mineral resource. Grade interpolation has been extrapolated using ordinary inverse distance squared on composited sample results and a nominal 15% Fe cutoff value for magnetite BIF mineralization. A digital terrain surface (based on magnetic survey flow), has been used to with structural mapping to limit extrapolation of the mineralization. Internal waste zones (mafic units) less than 5m within the BIF units have been included in the Inferred Resource model as internal dilution. Generally all oxide material occurs between the surface and a down hole depth of 50m. No oxide material is included in the Inferred Resource model. Densities of 3.2t/m³ have been applied for evaluation of the magnetite mineralization.

While the Company is optimistic that it will report additional resources in the future, any discussion in relation to Exploration Target over and above the stated Inferred Resources is only conceptual in nature. There has been insufficient exploration to define a Mineral Resource over and above the Inferred Resource and it is uncertain if further exploration will result in determination of a Mineral Resource.

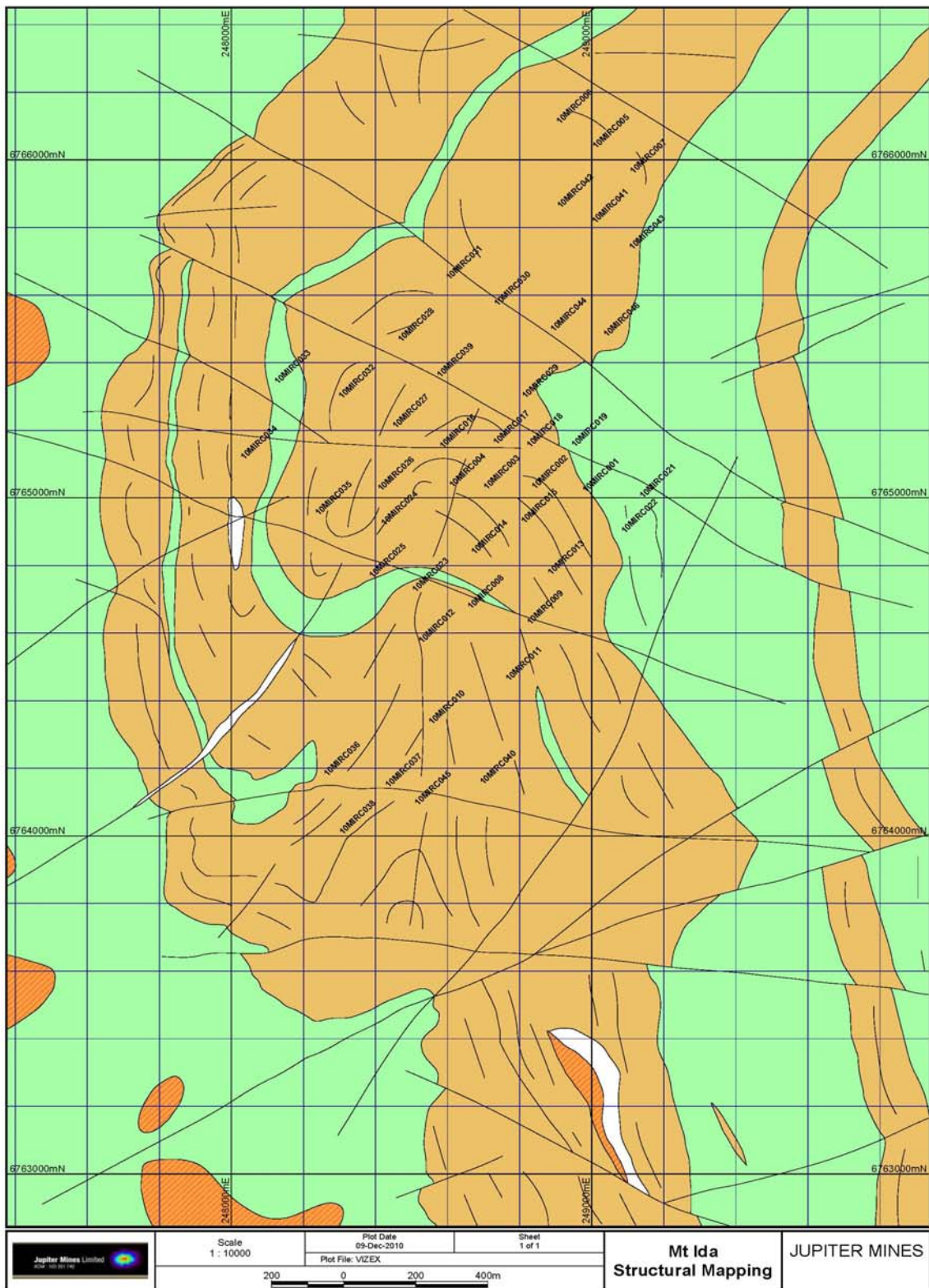
Attachments

- 1. Inferred Mineral Resource - Parameters**
- 2. Mt Ida Drill Hole Location Plan**
- 3. Significant Intercept Table Mt Ida Magnetite Project**

Jupiter Mines Ltd
CYIP-Mt Ida Magnetite Project
INFERRED MINERAL RESOURCE - PARAMETERS

| Item | Details | Comments |
|----------------------------|--|--|
| Surveying | Differential GPS | Established survey control by licensed surveyor |
| Drilling Techniques | RC | 5 1/4" face sampling RC |
| Down hole Surveys | Eastman single shot on 4 holes | |
| Geological Logging | QC Logging Procedures qualitative | Field Marshall/acQuire logging system |
| Sampling | RC Sub-Sample | Riffle splitter |
| Assaying | Niton XRF, XRF and MagSus | Niton and MagSus on site plus commercial lab in Australia |
| Assay QA/QC | Duplicates, Blanks, Lab Standards, external Lab checks | routine duplicates and lab standards monitored in acQuire QA/QC reports |
| Data Spacing | 250m x 150, 1m Sampling, 5m composites | Nominal drill hole spacing; infilling to 100m x 100m planned |
| Orientation of Data | Vertical drill hole sampling | Drilling is oblique to geological trends. Drill hole orientation is appropriate for geological conditions. |
| Geotechnical/Structural | no core, structural mapping of surface outcrop | |
| Density | Site Measurements and Lab Confirmation, density of 3.2kg/m ³ used for magnetite mineralisation, dry | Conventional weighed suspended in air and water |
| Database Integrity | acQuire Drill Hole Database | Fully validated drill hole database |
| Auditing | Drilling, Assaying and Database | Independent Fatal Flaw Analysis & monitored by internal auditor |
| Geological Interpretation | Surface Mapping and Drill Holes | Surface mapping used for initial geological framework, modified by drill hole data |
| Geological Modelling | 3D Surfaces (DTM) and Wireframes | Geological domains based on initial geological mapping and interpretation |
| Block Size | 60m (X) by 80m (Y) by 5m (Z) | Sub-celled to honour DTM and wireframe shapes |
| Interpolation Method | IDS (Squared) | Inverse Distance Squared |
| Search Parameters | 2km x 2km x200 | Search radii and orientated to the dip and plunge of mineralisation |
| Variables Interpolated | Fe, SiO ₂ , Al ₂ O ₃ , CaO, MgO, TiO ₂ , P, S, LOI, mass-recovery | |
| Nominal Drill Hole Spacing | 250m (E) by 150m (N) | |
| Classification | Oxide material above approximately 50m vertical depth not included in resource | Assessment criteria in addition to sampling, data and estimation criteria as above |
| | Magnetite mineralisation classified into 6 discrete zones | |
| Metallurgical Data | Initial test work on RC chips from geographically dispersed holes. | Results of average feed grade support resource grades. Flotation tests provide viable concentration grade |
| Cut-Off Parameters | 15% Fe head grade | |
| Mining Factors | not applicable | |
| Tenement Status | Mt Ida E29/560 | 100% owned Jupiter Mines |

Attachment 1 - Resource Calculation Parameters



Attachment 2 - Mt Ida Drill Hole Location Map

Attachment 3 - Significant Intercept Table Mt Ida Magnetite Project

| Hole ID | From (m) | To (m) | Thickness (m) | Fe Head (%) | Weight Recovery (%) | DAVIS TUBE RECOVERY PRODUCT | | | | | |
|-----------|----------|--------|---------------|-------------|---------------------|-----------------------------|----------------|------------|------------|---------------|--------------|
| | | | | | | Fe Conc (%) | Al2O3 Conc (%) | P Conc (%) | S Conc (%) | SiO2 Conc (%) | LOI Conc (%) |
| 10MIRC001 | 26 | 90 | 64 | 39.21 | 48.90 | 68.02 | 0.055 | 0.011 | 0.015 | 5.16 | -2.81 |
| 10MIRC001 | 99 | 190 | 91 | 34.05 | 52.96 | 59.70 | 0.022 | 0.026 | 0.695 | 14.46 | -2.21 |
| 10MIRC001 | 215 | 223 | 8 | 30.34 | 41.93 | 63.66 | 0.095 | 0.031 | 0.116 | 10.54 | -2.70 |
| 10MIRC001 | 247 | 263 | 16 | 31.72 | 41.44 | 68.85 | 0.085 | 0.014 | 0.052 | 3.69 | -2.97 |
| 10MIRC002 | 25 | 55 | 30 | 34.40 | 18.54 | 63.81 | 0.035 | 0.018 | 0.002 | 9.25 | -0.81 |
| 10MIRC002 | 124 | 192 | 68 | 34.34 | 52.46 | 61.67 | 0.042 | 0.022 | 0.041 | 12.52 | -1.46 |
| 10MIRC002 | 235 | 266 | 31 | 29.98 | 39.70 | 66.31 | 0.058 | 0.015 | 0.114 | 5.99 | -1.22 |
| 10MIRC003 | 10 | 41 | 31 | 32.98 | 19.09 | 62.85 | 0.035 | 0.022 | 0.005 | 10.72 | -0.81 |
| 10MIRC003 | 83 | 169 | 86 | 33.37 | 46.35 | 66.11 | 0.060 | 0.014 | 0.007 | 8.00 | -3.02 |
| 10MIRC003 | 180 | 255 | 75 | 34.88 | 47.95 | 67.12 | 0.021 | 0.013 | 0.004 | 6.68 | -3.05 |
| 10MIRC004 | 5 | 30 | 25 | 32.31 | 15.84 | 58.55 | 0.088 | 0.028 | 0.011 | 16.87 | -0.97 |
| 10MIRC004 | 55 | 212 | 157 | 34.49 | 48.88 | 63.23 | 0.046 | 0.018 | 0.003 | 11.98 | -2.81 |
| 10MIRC004 | 229 | 254 | 25 | 31.69 | 42.05 | 68.79 | 0.117 | 0.015 | 0.015 | 3.81 | -3.01 |
| 10MIRC005 | 84 | 132 | 48 | 31.37 | 40.90 | 68.45 | 0.043 | 0.011 | 0.006 | 4.81 | -3.07 |
| 10MIRC005 | 150 | 158 | 8 | 26.51 | 36.13 | 64.19 | 0.048 | 0.032 | 0.209 | 10.05 | -3.06 |
| 10MIRC005 | 167 | 231 | 64 | 30.02 | 39.53 | 68.18 | 0.036 | 0.012 | 0.372 | 4.35 | -3.17 |
| 10MIRC005 | 258 | 268 | 10 | 25.84 | 33.96 | 64.98 | 0.080 | 0.029 | 0.158 | 8.95 | -3.10 |
| 10MIRC006 | 67 | 117 | 50 | 34.58 | 44.76 | 68.31 | 0.029 | 0.011 | 0.010 | 5.06 | -3.06 |
| 10MIRC006 | 157 | 164 | 7 | 25.99 | 33.48 | 65.57 | 0.080 | 0.024 | 0.042 | 8.53 | -3.05 |
| 10MIRC006 | 183 | 213 | 30 | 28.99 | 37.81 | 68.86 | 0.077 | 0.011 | 0.016 | 4.28 | -3.23 |
| 10MIRC006 | 225 | 233 | 8 | 25.35 | 27.13 | 65.09 | 0.280 | 0.032 | 0.119 | 7.99 | -2.36 |
| 10MIRC007 | 48 | 63 | 15 | 34.96 | 30.84 | 68.49 | 0.065 | 0.008 | 0.003 | 3.38 | -1.55 |
| 10MIRC007 | 91 | 103 | 12 | 33.24 | 45.18 | 69.33 | 0.075 | 0.009 | 0.022 | 3.68 | -3.32 |
| 10MIRC007 | 112 | 137 | 25 | 30.93 | 42.89 | 67.37 | 0.034 | 0.014 | 0.068 | 6.10 | -3.08 |
| 10MIRC007 | 175 | 247 | 72 | 31.12 | 43.72 | 65.17 | 0.053 | 0.018 | 0.013 | 9.05 | -2.87 |
| 10MIRC007 | 274 | 280 | 6 | 26.07 | 33.45 | 64.02 | 0.070 | 0.036 | 0.317 | 9.13 | -2.47 |
| 10MIRC008 | 30 | 273 | 243 | 34.79 | 40.24 | 70.34 | <BLD | 0.011 | 0.016 | 2.20 | -3.07 |
| 10MIRC009 | 31 | 149 | 118 | 33.44 | 43.23 | 67.87 | 0.030 | 0.012 | 0.091 | 5.56 | -3.15 |
| 10MIRC009 | 169 | 241 | 72 | 31.92 | 41.51 | 69.12 | 0.059 | 0.009 | 0.143 | 3.49 | -3.15 |
| 10MIRC010 | 35 | 175 | 140 | 32.23 | 40.53 | 69.50 | 0.013 | 0.011 | 0.023 | 3.34 | -3.10 |
| 10MIRC010 | 247 | 300 | 53 | 28.20 | 32.11 | 66.51 | 0.058 | 0.015 | 1.276 | 4.09 | -2.89 |
| 10MIRC011 | 41 | 175 | 134 | 30.61 | 40.53 | 64.60 | 0.038 | 0.020 | 0.034 | 9.91 | -2.81 |
| 10MIRC012 | 49 | 98 | 49 | 35.13 | 39.09 | 71.19 | 0.010 | 0.005 | 0.006 | 1.21 | -3.14 |
| 10MIRC012 | 205 | 259 | 54 | 33.01 | 42.91 | 68.70 | 0.018 | 0.010 | 0.144 | 4.25 | -3.03 |
| 10MIRC012 | 290 | 310 | 20 | 30.28 | 36.69 | 67.69 | 0.030 | 0.009 | 0.806 | 3.93 | -2.91 |
| 10MIRC013 | 58 | 84 | 26 | 34.69 | 48.21 | 68.22 | 0.045 | 0.011 | 0.021 | 5.13 | -2.87 |
| 10MIRC013 | 96 | 175 | 79 | 29.65 | 42.98 | 63.55 | 0.068 | 0.018 | 0.303 | 10.56 | -2.56 |
| 10MIRC013 | 224 | 280 | 56 | 31.68 | 43.68 | 67.89 | 0.055 | 0.011 | 0.076 | 5.38 | -2.96 |
| 10MIRC014 | 78 | 200 | 122 | 33.48 | 41.62 | 69.40 | 0.085 | 0.010 | 0.007 | 3.68 | -3.19 |
| 10MIRC014 | 201 | 302 | 101 | 35.08 | 43.00 | 68.71 | 0.010 | 0.010 | 0.034 | 4.33 | -3.10 |
| 10MIRC015 | 15 | 30 | 15 | 31.39 | 12.22 | 66.01 | 0.057 | 0.017 | 0.009 | 6.62 | -1.31 |
| 10MIRC015 | 95 | 265 | 170 | 34.06 | 47.24 | 67.03 | 0.029 | 0.015 | 0.031 | 6.53 | -2.86 |
| 10MIRC016 | 110 | 118 | 8 | 35.65 | 45.57 | 63.95 | 1.145 | 0.035 | 0.014 | 8.75 | -2.57 |
| 10MIRC016 | 130 | 195 | 65 | 38.93 | 50.00 | 68.16 | 0.338 | 0.014 | 0.007 | 4.67 | -3.01 |

Attachment 3 continued - Significant Intercept Table Mt Ida Magnetite Project

| Hole ID | From (m) | To (m) | Thickness (m) | Fe Head (%) | Weight Recovery (%) | DAVIS TUBE RECOVERY PRODUCT | | | | | |
|-----------|----------|--------|---------------|-------------|---------------------|-----------------------------|----------------|------------|------------|---------------|--------------|
| | | | | | | Fe Conc (%) | Al2O3 Conc (%) | P Conc (%) | S Conc (%) | SiO2 Conc (%) | LOI Conc (%) |
| 10MIRC016 | 203 | 232 | 29 | 32.46 | 43.48 | 70.23 | 0.052 | 0.012 | 0.012 | 2.44 | -3.23 |
| 10MIRC017 | 40 | 55 | 15 | 33.93 | 30.81 | 64.41 | 0.085 | 0.012 | 0.002 | 9.62 | -2.08 |
| 10MIRC017 | 136 | 220 | 84 | 34.55 | 46.53 | 68.61 | 0.064 | 0.012 | 0.013 | 4.72 | -3.31 |
| 10MIRC018 | | | Not | Sampled | | | | | | | |
| 10MIRC021 | 94 | 207 | 113 | 34.41 | 50.20 | 63.95 | 0.074 | 0.017 | 0.125 | 10.89 | -3.05 |
| 10MIRC021 | 264 | 277 | 13 | 34.50 | 41.94 | 68.32 | 0.633 | 0.016 | 0.665 | 3.03 | -3.53 |
| 10MIRC022 | 69 | 103 | 34 | 34.05 | 47.86 | 65.42 | 0.074 | 0.013 | 0.027 | 9.12 | -3.25 |
| 10MIRC022 | 135 | 145 | 10 | 33.05 | 48.64 | 63.57 | 0.030 | 0.023 | 0.025 | 11.80 | -3.19 |
| 10MIRC022 | 147 | 179 | 32 | 32.88 | 48.32 | 64.70 | 0.025 | 0.017 | 0.108 | 9.79 | -3.11 |
| 10MIRC022 | 226 | 237 | 11 | 29.06 | 47.00 | 57.03 | 0.020 | 0.039 | 0.238 | 19.95 | -2.70 |
| 10MIRC022 | 260 | 306 | 46 | 31.53 | 46.20 | 64.15 | 0.035 | 0.019 | 0.120 | 10.18 | -2.70 |
| 10MIRC023 | 69 | 103 | 34 | 34.58 | 40.93 | 71.30 | 0.020 | 0.005 | 0.007 | 1.32 | -3.41 |
| 10MIRC023 | 214 | 267 | 53 | 32.76 | 43.58 | 69.33 | <BLD | 0.011 | 0.060 | 3.79 | -3.28 |
| 10MIRC024 | 80 | 135 | 55 | 36.19 | 36.05 | 70.52 | 0.143 | 0.007 | 0.002 | 2.23 | -3.26 |
| 10MIRC024 | 154 | 186 | 32 | 36.88 | 35.66 | 69.84 | 0.040 | 0.007 | 0.003 | 3.24 | -3.35 |
| 10MIRC024 | 233 | 274 | 41 | 34.37 | 46.34 | 66.75 | 0.064 | 0.014 | 0.037 | 7.22 | -3.05 |
| 10MIRC025 | 45 | 124 | 79 | 32.50 | 31.82 | 70.20 | 0.031 | 0.006 | 0.002 | 2.78 | -3.32 |
| 10MIRC025 | 196 | 248 | 52 | 32.31 | 44.84 | 66.67 | 0.061 | 0.015 | 0.038 | 7.47 | -3.18 |
| 10MIRC026 | 57 | 158 | 101 | 40.71 | 48.62 | 70.77 | 0.241 | 0.006 | 0.004 | 1.68 | -3.13 |
| 10MIRC026 | 233 | 245 | 12 | 31.30 | 40.21 | 70.08 | 0.045 | 0.008 | 0.006 | 2.86 | -3.32 |
| 10MIRC028 | 15 | 20 | 5 | 31.39 | 14.26 | 69.04 | 0.150 | 0.011 | 0.004 | 2.00 | -0.96 |
| 10MIRC028 | 116 | 170 | 54 | 36.63 | 50.32 | 69.62 | 0.045 | 0.009 | 0.007 | 3.36 | -3.24 |
| 10MIRC029 | 41 | 113 | 72 | 33.94 | 44.57 | 68.13 | 0.057 | 0.014 | 0.061 | 5.28 | -3.14 |
| 10MIRC029 | 168 | 194 | 26 | 28.87 | 34.34 | 64.86 | 0.170 | 0.019 | 1.368 | 5.95 | -2.78 |
| 10MIRC032 | 20 | 30 | 10 | 37.83 | 20.18 | 65.34 | 0.015 | 0.036 | 0.013 | 6.89 | -0.49 |
| 10MIRC032 | 40 | 53 | 13 | 36.79 | 14.80 | 64.98 | 0.000 | 0.016 | 0.004 | 7.31 | -0.32 |
| 10MIRC032 | 82 | 90 | 8 | 37.07 | 44.57 | 69.96 | 0.300 | 0.004 | 0.010 | 2.64 | -3.13 |
| 10MIRC032 | 99 | 165 | 66 | 35.39 | 42.02 | 69.93 | 0.033 | 0.006 | 0.003 | 3.12 | -3.29 |
| 10MIRC032 | 186 | 196 | 10 | 29.83 | 37.40 | 70.49 | 0.010 | 0.006 | 0.007 | 2.44 | -3.39 |
| 10MIRC033 | 40 | 70 | 30 | 35.46 | 43.23 | 70.31 | <BLD | 0.006 | 0.002 | 2.75 | -3.41 |
| 10MIRC033 | 102 | 114 | 12 | 32.19 | 40.86 | 70.69 | 0.119 | 0.006 | 0.011 | 1.79 | -3.12 |
| 10MIRC033 | 140 | 157 | 17 | 32.20 | 42.00 | 69.50 | <BLD | 0.012 | 0.044 | 3.88 | -3.52 |

Attachment 3 continued - Significant Intercept Table Mt Ida Magnetite Project

| Hole ID | From (m) | To (m) | Thickness (m) | Fe Head (%) | Weight Recovery (%) | DAVIS TUBE RECOVERY PRODUCT | | | | | |
|-----------|----------|--------|---------------|-------------|---------------------|-----------------------------|----------------|------------|------------|---------------|--------------|
| | | | | | | Fe Conc (%) | Al2O3 Conc (%) | P Conc (%) | S Conc (%) | SiO2 Conc (%) | LOI Conc (%) |
| 10MIRC034 | 39 | 98 | 59 | 36.40 | 38.19 | 69.82 | 0.040 | 0.007 | 0.005 | 2.76 | -2.72 |
| 10MIRC034 | 107 | 151 | 44 | 33.34 | 43.55 | 69.58 | 0.520 | 0.010 | 0.075 | 3.53 | -3.33 |
| 10MIRC035 | 84 | 130 | 46 | 39.60 | 46.40 | 71.40 | 0.020 | 0.004 | 0.001 | 1.31 | -3.52 |
| 10MIRC035 | 201 | 237 | 36 | 33.48 | 43.09 | 69.88 | 0.054 | 0.011 | 0.008 | 3.27 | -3.36 |
| 10MIRC036 | 69 | 150 | 81 | 33.13 | 44.00 | 67.36 | 0.052 | 0.012 | 0.043 | 6.60 | -3.22 |
| 10MIRC036 | 183 | 189 | 6 | 27.43 | 39.08 | 60.24 | 0.050 | 0.040 | 0.207 | 15.60 | -2.93 |
| 10MIRC036 | 210 | 240 | 30 | 32.90 | 42.00 | 70.56 | 0.030 | 0.008 | 0.045 | 2.32 | -3.46 |
| 10MIRC037 | 19 | 122 | 103 | 34.16 | 40.82 | 67.29 | 0.029 | 0.015 | 0.060 | 6.22 | -2.71 |
| 10MIRC037 | 163 | 168 | 5 | 26.80 | 34.35 | 63.55 | 0.040 | 0.043 | 0.219 | 11.00 | -2.94 |
| 10MIRC037 | 197 | 245 | 48 | 29.13 | 32.32 | 68.47 | 0.040 | 0.011 | 0.431 | 3.99 | -3.17 |
| 10MIRC038 | 42 | 86 | 44 | 32.30 | 44.11 | 58.84 | 0.115 | 0.030 | 0.011 | 17.97 | -2.35 |
| 10MIRC038 | 159 | 192 | 33 | 30.56 | 37.79 | 68.74 | 0.047 | 0.012 | 0.193 | 4.43 | -3.39 |
| 10MIRC038 | 210 | 220 | 10 | 29.25 | 31.54 | 70.37 | 0.035 | 0.004 | 0.508 | 1.13 | -3.19 |
| 10MIRC039 | 126 | 135 | 9 | 32.70 | 42.89 | 69.52 | 0.040 | 0.010 | 0.018 | 3.71 | -3.28 |
| 10MIRC039 | 140 | 160 | 20 | 34.79 | 44.56 | 70.01 | 0.040 | 0.007 | 0.077 | 3.05 | -3.29 |
| 10MIRC040 | 61 | 76 | 15 | 28.47 | 39.62 | 61.41 | 0.030 | 0.035 | 0.602 | 13.02 | -2.67 |
| 10MIRC040 | 125 | 134 | 9 | 27.97 | 37.01 | 62.54 | 0.084 | 0.044 | 0.179 | 12.44 | -2.92 |
| 10MIRC040 | 170 | 198 | 28 | 23.47 | 27.69 | 63.77 | 0.102 | 0.032 | 0.145 | 10.94 | -3.12 |
| 10MIRC041 | 39 | 92 | 53 | 33.92 | 40.49 | 63.26 | 0.070 | 0.022 | 0.633 | 10.22 | -2.40 |
| 10MIRC041 | 115 | 124 | 9 | 29.54 | 37.09 | 65.80 | 0.054 | 0.026 | 6.583 | 5.67 | -0.24 |
| 10MIRC041 | 162 | 217 | 55 | 32.84 | 45.85 | 65.67 | 0.038 | 0.019 | 0.094 | 8.74 | -3.21 |
| 10MIRC042 | 45 | 76 | 31 | 33.55 | 41.35 | 66.70 | 0.040 | 0.012 | 0.020 | 7.48 | -3.01 |
| 10MIRC042 | 95 | 108 | 13 | 26.85 | 34.55 | 62.73 | 0.056 | 0.027 | 1.003 | 10.51 | -3.11 |
| 10MIRC042 | 123 | 182 | 59 | 32.24 | 43.71 | 67.78 | 0.025 | 0.013 | 0.029 | 5.99 | -3.31 |
| 10MIRC042 | 212 | 218 | 6 | 27.79 | 33.78 | 65.97 | 0.050 | 0.026 | 0.306 | 7.43 | -3.02 |
| 10MIRC043 | 72 | 109 | 37 | 31.56 | 38.93 | 65.89 | 0.083 | 0.016 | 1.008 | 7.39 | -2.70 |
| 10MIRC043 | 142 | 148 | 6 | 25.26 | 34.00 | 59.75 | 0.130 | 0.037 | 0.310 | 15.85 | -2.85 |
| 10MIRC043 | 180 | 195 | 15 | 29.84 | 41.38 | 63.25 | 0.074 | 0.022 | 0.332 | 11.21 | -2.95 |
| 10MIRC043 | 207 | 239 | 32 | 30.95 | 41.69 | 66.08 | 0.058 | 0.014 | 0.596 | 6.82 | -3.19 |
| 10MIRC044 | 92 | 124 | 32 | 33.49 | 47.12 | 66.39 | 0.025 | 0.014 | 0.133 | 7.51 | -3.10 |
| 10MIRC045 | 40 | 45 | 5 | 26.50 | 33.96 | 61.64 | 0.070 | 0.027 | 0.024 | 13.75 | -2.56 |
| 10MIRC045 | 99 | 109 | 10 | 29.13 | 41.62 | 64.27 | 0.175 | 0.032 | 0.039 | 10.62 | -2.93 |
| 10MIRC045 | 189 | 226 | 37 | 30.69 | 36.18 | 67.89 | 0.042 | 0.011 | 0.728 | 4.49 | -3.19 |
| 10MIRC046 | 55 | 67 | 12 | 29.69 | 36.97 | 69.46 | 2.600 | 0.010 | 0.007 | 3.76 | -3.26 |
| 10MIRC046 | 120 | 178 | 58 | 31.56 | 45.57 | 62.84 | 0.026 | 0.024 | 0.231 | 11.93 | -2.82 |

- Sample analyses by x-ray Fluorescence Spectrometry (XRF) at ALS Chemex in Perth
- Loss On Ignition (LOI) values were determined using Thermo-gravimetric Analyses at 1000°C
- 5 metre composite samples used for DTR with XRF assays
- Intersections have been calculated using 25% Fe lower cut-off grade
- Maximum Internal dilution up to 7m
- BLD below limited of Detection
- Intercepts are based on Down hole lengths, not true width

Attachment 3 - Drill Holes Collars

| HOLE ID | MGA E | MGA N | RL | DEPTH Metres | DIP |
|-----------|------------|-------------|-----|--------------|-----|
| 10MIRC001 | 248970.518 | 6765011.674 | 521 | 300.000 | -90 |
| 10MIRC002 | 248829.011 | 6765021.799 | 528 | 320.000 | -90 |
| 10MIRC003 | 248695.855 | 6765020.932 | 531 | 298.000 | -90 |
| 10MIRC004 | 248599.904 | 6765026.677 | 534 | 264.000 | -90 |
| 10MIRC005 | 248998.415 | 6766029.529 | 524 | 280.000 | -90 |
| 10MIRC006 | 248897.769 | 6766102.679 | 528 | 252.000 | -90 |
| 10MIRC007 | 249102.430 | 6765955.306 | 522 | 320.000 | -90 |
| 10MIRC008 | 248651.335 | 6764666.936 | 530 | 288.000 | -90 |
| 10MIRC009 | 248815.783 | 6764621.118 | 526 | 282.000 | -90 |
| 10MIRC010 | 248543.348 | 6764325.724 | 546 | 306.000 | -90 |
| 10MIRC011 | 248756.459 | 6764453.888 | 534 | 258.000 | -90 |
| 10MIRC012 | 248515.304 | 6764565.569 | 540 | 320.000 | -90 |
| 10MIRC013 | 248873.951 | 6764768.075 | 524 | 294.000 | -90 |
| 10MIRC014 | 248661.516 | 6764828.953 | 534 | 312.000 | -90 |
| 10MIRC015 | 248799.283 | 6764920.253 | 529 | 276.000 | -90 |
| 10MIRC016 | 248573.522 | 6765142.477 | 533 | 282.000 | -90 |
| 10MIRC017 | 248722.234 | 6765153.366 | 525 | 264.000 | -90 |
| 10MIRC018 | 248815.218 | 6765145.119 | 523 | 120.000 | -90 |
| 10MIRC019 | 248939.512 | 6765146.033 | 518 | 252.000 | -90 |
| 10MIRC020 | 250216.186 | 6761004.855 | 474 | 60.000 | -90 |
| 10MIRC021 | 249128.711 | 6764994.920 | 513 | 288.000 | -90 |
| 10MIRC022 | 249077.688 | 6764891.405 | 518 | 318.000 | -90 |
| 10MIRC023 | 248498.034 | 6764717.262 | 534 | 294.000 | -90 |
| 10MIRC024 | 248411.532 | 6764914.158 | 545 | 282.000 | -90 |
| 10MIRC025 | 248378.400 | 6764759.262 | 538 | 264.000 | -90 |
| 10MIRC026 | 248401.905 | 6765016.422 | 546 | 252.000 | -90 |
| 10MIRC027 | 248442.826 | 6765201.929 | 541 | 252.000 | -90 |
| 10MIRC028 | 248457.909 | 6765457.230 | 526 | 246.000 | -90 |
| 10MIRC029 | 248802.849 | 6765290.818 | 519 | 240.000 | -90 |
| 10MIRC030 | 248725.289 | 6765564.263 | 522 | 222.000 | -90 |
| 10MIRC031 | 248591.258 | 6765640.950 | 526 | 240.000 | -90 |
| 10MIRC032 | 248293.542 | 6765289.919 | 539 | 250.000 | -90 |
| 10MIRC033 | 248115.397 | 6765332.457 | 534 | 252.000 | -90 |
| 10MIRC034 | 248021.527 | 6765109.350 | 547 | 252.000 | -90 |
| 10MIRC035 | 248228.636 | 6764944.022 | 549 | 252.000 | -90 |
| 10MIRC036 | 248252.093 | 6764172.661 | 573 | 264.000 | -90 |
| 10MIRC037 | 248423.201 | 6764139.127 | 556 | 258.000 | -90 |
| 10MIRC038 | 248295.325 | 6764000.101 | 571 | 252.000 | -90 |
| 10MIRC039 | 248566.449 | 6765352.335 | 530 | 234.000 | -90 |
| 10MIRC040 | 248684.944 | 6764147.648 | 543 | 228.000 | -90 |
| 10MIRC041 | 248996.086 | 6765807.753 | 531 | 234.000 | -90 |
| 10MIRC042 | 248899.737 | 6765852.646 | 532 | 225.000 | -90 |
| 10MIRC043 | 249099.618 | 6765730.449 | 531 | 246.000 | -90 |
| 10MIRC044 | 248881.073 | 6765487.805 | 531 | 228.000 | -90 |
| 10MIRC045 | 248504.418 | 6764086.397 | 550 | 246.000 | -90 |
| 10MIRC046 | 249028.476 | 6765472.379 | 529 | 231.000 | -90 |

- **MGA ZONE 51**
- **All holes vertical**
- **Hole 10MIRC018 abandoned**