

Level 2, 33 Ord St, West Perth, WA 6005 PO Box 1665, West Perth, Western Australia 6872 Tel: (+61 8) 9481 4440 Fax: (+61 8) 9321 0070 info@giralia.com.au www.giralia.com.au

Giralia Resources NL ABN 64 009 218 204

11 August 2010

## **ASX ANNOUNCEMENT**

### DALTONS-MT WEBBER DEPOSIT, INFILL DRILLING RESULTS CONFIRM RESOURCE QUALITY

- Daltons–Mt Webber deposit infill RC drilling results confirm deposit quality and continuity;
  - 78 metres (to end of hole) @ 59.8% Fe (65.8%CaFe), 0.11% P, 0.8% Al<sub>2</sub>O<sub>3</sub>
  - o 68 metres @ 60.1% Fe (64.4%CaFe), 0.09% P, 1.4% Al<sub>2</sub>O<sub>3</sub>
  - o 58 metres @ 59.1% Fe (63.6%CaFe), 0.10% P, 1.8% Al<sub>2</sub>O<sub>3</sub>
- Upgrade in resource category from Inferred to Indicated Resource in progress to allow Ore Reserve estimates for Pre-Feasibility detailed mine engineering work.
- DSO Exploration Target# established of 60 to 80 million tonnes @ 56-60% Fe for Daltons JV tenements, including several new hematite zones to the west of Mt Webber following additional mapping and rock sampling.

The Directors of Giralia Resources NL ("Giralia") provide a further progress update on development activities at the Daltons-Mt Webber iron ore project. The Daltons Joint Venture (Giralia 75% interest, Haoma Mining NL 25% interest), covers four tenements located around 150 kilometres south of Port Hedland in the Pilbara region of Western Australia, including the Daltons-Mt Webber iron ore deposit with an Inferred Resource of 40 million tonnes @ 57.3%Fe.

Results have been received for infill RC drilling completed to test for continuity of the flat-lying, near surface hematite-goethite mineralisation at the Daltons-Mt Webber deposit to allow upgrade of resource category from Inferred to Indicated. Intersections from the infill drilling are shown in Table 1, and hole locations are shown in figure 2. Better results include; 78 metres (to end of hole) @ 59.8% Fe (65.8%CaFe), 0.11% P, 0.8% Al<sub>2</sub>O<sub>3</sub>, 68 metres @ 60.1% Fe (64.4%CaFe), 0.09% P, 1.4% Al<sub>2</sub>O<sub>3</sub>, and 58 metres @ 59.1% Fe (63.6%CaFe), 0.10% P, 1.8% Al<sub>2</sub>O<sub>3</sub>. An upgraded resource estimate is anticipated in around 2 weeks.

Additionally follow up rock chip sampling and mapping has been completed in the Soanesville area around 10 kilometres west of the Mt Webber deposit, where several undrilled zones of outcropping hematite mineralisation were recognised in helicopter reconnaissance in late 2009, (fig 3). Following receipt of assays from rock samples (see Table 2) an overall DSO Exploration Target# of **60 to 80 million tonnes (a) 56-60%** Fe has been established for the Daltons JV tenements, inclusive of the current Mt Webber resource, and including several smaller hematite zones near Mt Webber and in the Soanesville area.

#### **Background on Daltons-Mt Webber deposit**

The Daltons JV's Mt Webber iron ore deposit has an Inferred Mineral Resource reported on 14 September 2009 of **40 million tonnes** (a) **57.3% Fe**, including 33.8 million tonnes (a) **57.9%** Fe, 1.44% Al<sub>2</sub>O<sub>3</sub> (63.06% CaFe) in the Main Southern Zone. The Daltons JV's Mt Webber tenements directly adjoin Atlas Iron Limited's Mt Webber prospect, which has a reported resource of 43.7 million tonnes (a) **57.4%** Fe.



Pre-Feasibility Study elements were commissioned at Daltons–Mt Webber following the release on 17 December 2009 of the findings of an independent Scoping Study on development options, targeting the production of direct shipping iron ore ("DSO"), initially at 2 million tonnes per year by open pit mining and road haulage to Port Hedland.

Detailed environmental studies are well advanced, with consultants ecologia Environment contracted to undertake all environmental investigations and environmental impact assessment documentation required for a proposed 2mtpa mine through to mining approvals. Groundwater consultants Aquaterra have been contracted to undertake borefield search and licensing. Additional PQ diameter drill core is currently undergoing metallurgical testing at Ammtec for product specification with a further 5 holes now completed.

A Mining Lease application was lodged in late April covering the Mt Webber deposit and environs, and a new northern access ramp road has been constructed. The implementation schedule for the project indicates that it may be possible to achieve first production by October 2011.



#### R M Joyce DIRECTOR

Fig.1; Location plan Daltons JV and McPhee Creek tenements





Fig 2; Main southern hill at Daltons- Mt Webber deposit showing 2009 drill collars (black dots), new June 2010 infill holes (yellow dots) and PQ diameter core holes (purple dots)

The information in this report that relates to Exploration Results is based on information compiled by R M Joyce, who is a Member of the Australasian Institute of Mining and Metallurgy and a full time employee of the Company. Mr Joyce has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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'. Mr Joyce consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

# The term "Exploration Target" should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves as defined by the JORC Code (2004), and therefore the terms have not been used in this context. Exploration targets are conceptual in nature, and it is uncertain if further exploration or feasibility study will result in the determination of a Mineral Resource or Ore Reserve.



| Hole No | Coord<br>East | linates<br>North | Dip /<br>Az | Dept<br>h<br>(m) | From<br>(m) | To<br>(m) | Interval<br>(m) | Fe<br>% | CaFe<br>% | P<br>% | SiO2<br>% | Al2O3<br>% | LOI<br>% |
|---------|---------------|------------------|-------------|------------------|-------------|-----------|-----------------|---------|-----------|--------|-----------|------------|----------|
| RCDW041 | 739205        | 7617246          | 60/90       | 110              | 4           | 72        | 68              | 60.1    | 64.4      | 0.09   | 5.6       | 1.4        | 6.6      |
|         |               |                  |             | and              | 84          | 104       | 20              | 50.7    | 53.8      | 0.02   | 19.7      | 0.5        | 5.7      |
| RCDW042 | 739112        | 7617252          | 60/90       | 118              | 0           | 52        | 52              | 54.0    | 59.6      | 0.09   | 9.5       | 2.7        | 9.4      |
|         |               |                  |             | incl.            | 32          | 52        | 20              | 56.5    | 62.7      | 0.10   | 7.0       | 1.7        | 9.9      |
| RCDW043 | 739024        | 7617233          | 60/95       | 94               | 10          | 44        | 34              | 58.1    | 64.0      | 0.11   | 5.8       | 1.5        | 9.1      |
| RCDW044 | 738917        | 7617250          | 60/93       | 64               | 0           | 64        | 64 EOH)         | 57.5    | 62.8      | 0.11   | 6.4       | 2.4        | 8.4      |
| RCDW045 | 739253        | 7617349          | 60/90       | 118              | 0           | 36        | 36              | 57.5    | 62.5      | 0.09   | 7.5       | 1.8        | 8.0      |
|         |               |                  |             | incl.            | 16          | 34        | 18              | 60.6    | 65.5      | 0.10   | 4.5       | 1.3        | 7.5      |
|         |               |                  |             | and              | 40          | 52        | 12              | 50.1    | 52.8      | 0.04   | 22.0      | 0.7        | 5.1      |
|         |               |                  |             | and              | 86          | 112       | 26              | 56.9    | 61.2      | 0.04   | 8.1       | 1.5        | 7.2      |
| RCDW046 | 738951        | 7617370          | 60/90       | 70               | 0           | 24        | 24              | 57.8    | 61.9      | 0.10   | 6.3       | 3.7        | 6.9      |
|         |               |                  |             | incl.            | 8           | 24        | 16              | 63.7    | 67.3      | 0.10   | 2.3       | 1.1        | 5.2      |
| RCDW047 | 739154        | 7617354          | 60/90       | 94               | 4           | 28        | 24              | 55.9    | 60.5      | 0.10   | 9.8       | 1.2        | 7.6      |
|         |               |                  |             | incl.            | 4           | 22        | 18              | 58.1    | 62.8      | 0.11   | 7.2       | 0.9        | 7.5      |
|         |               |                  |             | and              | 32          | 46        | 14              | 51.1    | 53.8      | 0.05   | 19.0      | 1.3        | 4.9      |
| RCDW048 | 739060        | 7617348          | 60/90       | 76               | 0           | 36        | 36              | 58.9    | 63.1      | 0.09   | 6.6       | 2.0        | 6.6      |
|         |               |                  |             | incl.            | 2           | 32        | 30              | 60.3    | 64.4      | 0.08   | 5.2       | 1.8        | 6.4      |
| RCDW049 | 739200        | 7617454          | 60/90       | 76               | 0           | 44        | 44              | 56.1    | 60.0      | 0.08   | 11.4      | 1.0        | 6.4      |
|         |               |                  |             | incl.            | 12          | 38        | 26              | 59.9    | 64.1      | 0.09   | 6.4       | 0.9        | 6.5      |
| RCDW050 | 739254        | 7617555          | 60/90       | 94               | 0           | 64        | 64              | 56.2    | 62.3      | 0.09   | 6.6       | 2.2        | 9.8      |
|         |               |                  |             | incl.            | 10          | 60        | 50              | 57.1    | 63.3      | 0.09   | 5.4       | 2.2        | 9.8      |
| RCDW051 | 739100        | 7617450          | 60/90       | 58               | 0           | 30        | 30              | 57.5    | 62.4      | 0.07   | 7.1       | 1.6        | 7.9      |
|         |               |                  |             | incl.            | 8           | 30        | 22              | 60.4    | 65.2      | 0.08   | 4.7       | 1.2        | 7.4      |
|         |               |                  |             | and              | 38          | 44        | 6               | 52.9    | 56.9      | 0.11   | 15.1      | 0.7        | 7.1      |
| RCDW052 | 739015        | 7617455          | 60/90       | 64               | 0           | 58        | 58              | 59.1    | 63.6      | 0.10   | 6.1       | 1.8        | 7.1      |
| RCDW053 | 739159        | 7617537          | 60/90       | 58               | 0           | 56        | 56              | 56.4    | 61.1      | 0.10   | 10.0      | 1.0        | 7.5      |
|         |               |                  |             | incl.            | 0           | 42        | 42              | 58.8    | 63.8      | 0.10   | 6.3       | 1.1        | 7.7      |
| RCDW054 | 739057        | 7617556          | 60/90       | 58               | 0           | 34        | 34              | 58.6    | 63.3      | 0.09   | 6.7       | 1.9        | 7.4      |
| RCDW055 | 739185        | 7617659          | 60/90       | 88               | 10          | 88        | 78 EOH)         | 59.8    | 65.8      | 0.11   | 3.9       | 0.8        | 9.1      |
| RCDW056 | 739238        | 7617601          | 90/0        | 70               | 2           | 46        | 44              | 56.5    | 61.9      | 0.09   | 7.7       | 1.7        | 8.7      |
|         |               |                  |             | incl.            | 8           | 44        | 36              | 57.7    | 63.5      | 0.09   | 5.7       | 1.7        | 9.0      |
|         |               |                  |             | and              | 64          | 70        | 6 (EOH)         | 58.0    | 62.6      | 0.04   | 7.4       | 1.9        | 7.3      |
| RCDW057 | 739278        | 7617664          | 60/90       | 94               | 12          | 68        | 56              | 57.6    | 64.2      | 0.11   | 5.2       | 1.0        | 10.3     |
|         |               |                  |             | incl.            | 20          | 68        | 48              | 58.7    | 65.4      | 0.12   | 3.9       | 0.7        | 10.3     |
|         |               |                  |             | and              | 82          | 92        | 10              | 56.0    | 61.2      | 0.10   | 10.3      | 0.6        | 8.5      |
| RCDW058 | 739188        | 7617776          | 90/0        | 64               | 0           | 4         | 4               | 53.9    | 60.5      | 0.10   | 8.2       | 2.7        | 10.9     |
| RCDW059 | 739175        | 7617874          | 60/270      | 94               |             |           |                 | NSV     |           |        |           |            |          |

#### Table 1; Table of Intersections Daltons-Mt Webber Deposit RC infill drilling June 2010

Intersections quoted using lower cut-offs of 50% and 55% Fe. All coordinates in MGA Zone 50 GDA 94, by hand held GPS ( $\pm$  6m). NSV= no intersections of 2m @ >50% Fe. XRF analyses by Spectrolab Laboratory Geraldton. RC drill samples collected as 2 metre riffle split composites. QA/QC included field duplicate samples and two standards (Certified Reference Material), comprising one coarse standard and one pulverised standard. EOH means iron intersection open at end-of-hole. CaFe is a measure of iron content upon removal of volatiles (i.e. LOI).



| SAMPLE | EAST   | NORTH   | Fe % | Р%   | SiO2 % | Al2O3 % | LOI % |
|--------|--------|---------|------|------|--------|---------|-------|
| DW001  | 727441 | 7614219 | 58.2 | 0.15 | 4.06   | 1.71    | 10    |
| DW002  | 727698 | 7613673 | 59.5 | 0.16 | 2.32   | 1.17    | 10.45 |
| DW003  | 726525 | 7616063 | 48.8 | 0.03 | 2.93   | 8.81    | 10.67 |
| DW004  | 726384 | 7616065 | 59.5 | 0.08 | 2.64   | 1.14    | 10.66 |
| DW005  | 726407 | 7615879 | 41.2 | 0.05 | 4.46   | 18.7    | 7.91  |
| DW006  | 726347 | 7615451 | 57.7 | 0.24 | 3.54   | 1.83    | 10.88 |
| DW007  | 726197 | 7615634 | 51.9 | 0.21 | 7      | 5.44    | 9.96  |
| DW008  | 727050 | 7616137 | 57.9 | 0.12 | 4.24   | 2.15    | 9.18  |
| DW009  | 727148 | 7616247 | 56.3 | 0.37 | 5      | 2.35    | 10.7  |
| DW010  | 727206 | 7616344 | 57.6 | 0.26 | 3.76   | 2.58    | 10.25 |
| DW011  | 727311 | 7616471 | 53.5 | 0.39 | 8.19   | 3.21    | 10.72 |
| DW012  | 727177 | 7616579 | 54.3 | 0.08 | 12.25  | 0.81    | 8.74  |
| DW013  | 727956 | 7616577 | 58.2 | 0.28 | 2.41   | 1.9     | 11.48 |
| DW014  | 728016 | 7616696 | 50.8 | 0.33 | 8.65   | 5.03    | 9.77  |
| DW015  | 727983 | 7616835 | 50.9 | 0.23 | 6.78   | 7.02    | 11.87 |
| DW016  | 727950 | 7616945 | 62.0 | 0.10 | 2.26   | 0.67    | 7.82  |
| DW017  | 727918 | 7617154 | 55.5 | 0.23 | 2.9    | 4.5     | 9.86  |

# Table 2; Daltons JV- rock chip sample results July 2010 Soanesville area (10km west of Mt Webber deposit).



Fig 3; Daltons JV eastern portion aeromagnetic image, showing Mt Webber deposits and new Soanesville area sampling results (Fe %).



#### **About Giralia Resources NL**

Giralia Resources NL ("ASX: GIR") is a well funded (~**\$60 million cash**) mineral exploration company based in Perth, Western Australia. Giralia's iron ore projects, with a current global JORC resource inventory of **304 million tonnes** are the Company's exploration and development focus:

McPhee Creek (100%) – Hematite (Pilbara) – New hematite discovery 220km south east of Port Hedland. Drill intersections include 90 metres @ 58.6 % Fe, 46 metres @ 60.2% Fe. Interim Inferred Mineral Resource 161.4 million tonnes @ 56.2% Fe (62.1%CaFe). Additional small CID mesa nearby 5.17 million tonnes @ 53.6% Fe (60.4%CaFe).

**Daltons (75%) - Hematite** (Pilbara) – Newly discovered zone of hematite, only 150 km south of Port Hedland, and 40km from FMG, BHP rail lines. Drilling 70m @ 58.4% Fe from surface, including 54m @ 60.9% Fe, 1.5%Al<sub>2</sub>O<sub>3</sub>. Initial Inferred Mineral Resource 40.0 million tonnes @ 57.3% Fe (62.3%CaFe). Scoping Study (Base Case of 2Mtpa mining and road haulage to Port Hedland, targeting production by 2<sup>nd</sup> quarter 2011) found an NPV(10%) of A\$170 million, IRR of 53.9%.

Western Creek (100%) – Hematite (Pilbara)– Marra Mamba iron ore as direct extensions to BHP Silver Knight deposit, only 15 km from rail at Newman. Inferred Mineral Resource 52.4 million tonnes @ 56.7% Fe. Deposit is near surface, with several zones open ended.

Anthiby Well (100%\*) -CID (Pilbara) – Channel iron deposit (CID) mesas, drill intersections include 32 metres @ 55.1%Fe including 24 metres @ 56.0%, 22 metres @ 56.3%Fe, and 18 metres @ 56.2%Fe. Initial Inferred Mineral Resource 63.5 million tonnes @ 50.5% Fe, including 37.6 million tonnes @ 53.6% Fe (59.1%CaFe). \* subject to production royalty

**Beebyn (100%)** – **Hematite** (MidWest) – Adjoins Sinosteel Weld Range deposits. Initial Inferred Mineral Resource 7.2 million tonnes @ 57.2% Fe. Major upside at nearby Beebynganna Hills project, where new zones of both hematite and magnetite have been discovered.

**Earaheedy (100%)** – **Hematite** (200 km S of Newman) –23 known hills with rock sample grades over 57% Fe, within 130 kilometres of iron formations on Giralia tenements, with shallow dips indicating large tonnage potential. Drilling; 20 metres @ 55.7% Fe, 8 metres @ 58.7% Fe, and 12 metres @ 57.3%Fe from 8 hills tested to date.

**Yerecoin** – **Magnetite** (150 km from Perth) – 1 km to railway. Initial Inferred Mineral Resource 186.8 million tonnes @ 30.9% Fe (DTR 70.1% Fe, 2.1% SiO<sub>2</sub>, Wt Rec 32.8%). Coarse magnetite; excellent DTR testwork. Scoping Study on 2.5Mtpa mining and existing rail haulage to Kwinana, found a best scenario NPV(10%) of A\$321 million, IRR of 33.8%.

The Company also has significant other commodity interests, including the Lake Frome Joint Venture around the operating Beverley uranium mine in South Australia, and the 100% owned 170,000 ounce Snake Well gold project in Western Australia.

In addition to its strong cash balance, Giralia also holds significant stakes in several ASX listed companies (shown below), which are held largely as a result of the spin-off of independently managed and funded companies over the last 3 years. Giralia shareholders have benefited through priority IPO entitlements and in specie distributions, and ongoing exposure to upside from exploration success.

| Company                         | ASX Code  | Key Commodity    | Giralia Stake |
|---------------------------------|-----------|------------------|---------------|
| U3O8 Limited                    | UTO       | uranium          | ~15%          |
| Zinc Co Australia Limited       | ZNC       | zinc             | ~12%          |
| Carpentaria Exploration Limited | CAP       | NSW, Qld         | ~10%          |
| Gascoyne Resources Limited      | GCY       | gold             | ~5.9%         |
| Hazelwood Resources Ltd         | HAZ       | nickel, tungsten | ~3.3%         |
| Entrée Gold                     | ETG-(TSX) | copper           | ~1%           |