

## ASX ANNOUNCEMENT

### SIGNIFICANT HIGH GRADE HEMATITE DISCOVERY CONFIRMED AT MT WEBBER- DALTONS JV

- More significant results from initial iron ore drilling of main southern hill at Mt Webber;
  - **70m @ 58.4% Fe from surface, including 54m @ 60.9% Fe, 1.5%Al<sub>2</sub>O<sub>3</sub>**
  - **52m @ 60.5% Fe, 1.3% Al<sub>2</sub>O<sub>3</sub> from 4 metres depth**
  - **60m @ 58.6% Fe from surface, including 44m @ 60.1%Fe, 1.7% Al<sub>2</sub>O<sub>3</sub>**
- Initial resource estimate and Scoping Study to be commissioned on receipt of remaining assay results.
- Project located only 150 kilometres south of Port Hedland, potentially close enough for trucking operation to port, and also close to existing rail.

The Directors of Giralia Resources NL (“Giralia”) are very pleased report further significant results from initial drilling of the main southern hill at the Mt Webber iron ore prospect, part of the Company’s Daltons Joint Venture (Giralia 75% interest with Haoma Mining NL (“Haoma”) 25% interest), located 150 kilometres south of Port Hedland in the Pilbara region of Western Australia. Haoma retains rights to gold/silver and tin/tantalum mineralisation.

A substantial zone of strong hematite enrichment has been defined at Mt Webber on the Daltons JV tenements, directly adjoining Atlas Iron Limited’s (“Atlas”) Mt Webber prospect. Atlas recently reported an initial resource estimate of 32.62 million tonnes @ 57.3% Fe on its tenement at Mt Webber.

Assay results for the first 3 holes completed on the main southern hill on the Giralia/Haoma JV tenements were reported on 3 August, including; **58 metres @ 58.3% Fe from surface, including 50 metres @ 59.6% Fe, 1.4%Al<sub>2</sub>O<sub>3</sub>**. The low alumina mineralisation starts at or near surface.

New assay results include **70 metres from surface @ 58.4% Fe, including 54 metres @ 60.9% Fe, 1.5%Al<sub>2</sub>O<sub>3</sub>, 52 metres @ 60.5% Fe 1.3% Al<sub>2</sub>O<sub>3</sub> from 4 metres depth, and 60m @ 58.6% Fe from surface, including 44m @ 60.1% Fe, 1.7% Al<sub>2</sub>O<sub>3</sub>** (see table 1 overleaf).

An initial resource estimate will be commissioned immediately on receipt of all final assays from this first drill phase, along with a scoping level mining study to investigate development options. Importantly, Mt Webber is potentially close enough to Port Hedland to allow contemplation of road transport.

**Table 1: Intersections Mt Webber southern (main) hill, RC drilling July-August 2009**

Hole No	Coordinates		Dip/Az	Depth (m)	From (m)	To (m)	Interval (m)	Fe (%)	P (%)	SiO2 (%)	Al2O3 (%)	LOI
	East MGA94_50	North										
RCDW017*	738861	7617251	60/90	76	2	34	32	58.4	0.05	6.8	1.7	7.4
RCDW018*	738953	7617244	60/90	88	0	58	58	58.3	0.11	4.4	1.9	9.4
				incl.	6	56	50	59.6	0.11	3.1	1.4	9.2
RCDW019*	739050	7617249	60/90	88	0	82	82	55.1	0.07	8.9	1.8	8.9
				incl.	16	66	50	57.9	0.07	5.6	1.8	8.5
RCDW020	739156	7617245	60/90	106	<b>14</b>	<b>66</b>	<b>52</b>	<b>58.7</b>	<b>0.11</b>	<b>3.2</b>	<b>1.7</b>	<b>10.2</b>
				and	78	86	8	55.6	0.06	12.15	0.8	6.7
RCDW021	739260	7617247	60/90	118	<b>0</b>	<b>60</b>	<b>60</b>	<b>58.6</b>	<b>0.10</b>	<b>6.1</b>	<b>1.7</b>	<b>7.8</b>
				incl.	<b>14</b>	<b>58</b>	<b>44</b>	<b>60.1</b>	<b>0.11</b>	<b>3.6</b>	<b>1.7</b>	<b>8.4</b>
RCDW022	739307	7617348	60/90	100	<b>0</b>	<b>70</b>	<b>70</b>	<b>58.4</b>	<b>0.09</b>	<b>6.7</b>	<b>1.6</b>	<b>7.4</b>
				incl.	<b>16</b>	<b>70</b>	<b>54</b>	<b>60.9</b>	<b>0.10</b>	<b>3.2</b>	<b>1.5</b>	<b>7.7</b>
				incl.	<b>26</b>	<b>54</b>	<b>28</b>	<b>63.3</b>	<b>0.10</b>	<b>1.7</b>	<b>1.0</b>	<b>6.9</b>
				and	86	100	14	51.7	0.02	18.5	0.5	5.9
RCDW023	739205	7617356	60/90	106	<b>0</b>	<b>40</b>	<b>40</b>	<b>57.0</b>	<b>0.07</b>	<b>8.7</b>	<b>1.3</b>	<b>6.9</b>
				incl.	<b>6</b>	<b>34</b>	<b>28</b>	<b>58.9</b>	<b>0.07</b>	<b>6.3</b>	<b>1.1</b>	<b>6.8</b>
RCDW024	739106	7617350	60/90	100	<b>0</b>	<b>34</b>	<b>34</b>	<b>57.9</b>	<b>0.06</b>	<b>8.6</b>	<b>1.7</b>	<b>6.0</b>
				incl.	<b>0</b>	<b>30</b>	<b>30</b>	<b>59.0</b>	<b>0.06</b>	<b>7.0</b>	<b>1.9</b>	<b>6.0</b>
RCDW025	738995	7617363	60/90	106	2	20	18	56.2	0.11	7.5	4.0	7.2
				incl.	12	20	8	61.5	0.15	4.1	1.2	6.7
				and	<b>26</b>	<b>44</b>	<b>18</b>	<b>59.0</b>	<b>0.15</b>	<b>5.4</b>	<b>1.4</b>	<b>8.5</b>
RCDW026	739334	7617446	60/90	130	<b>4</b>	<b>56</b>	<b>52</b>	<b>60.5</b>	<b>0.10</b>	<b>4.9</b>	<b>1.3</b>	<b>7.2</b>
				incl.	<b>8</b>	<b>56</b>	<b>48</b>	<b>61.3</b>	<b>0.10</b>	<b>3.9</b>	<b>1.3</b>	<b>7.2</b>
				and	82	100	18	54.8	0.01	15.0	0.3	5.6
RCDW027	739265	7617445	60/90	124	<b>4</b>	<b>52</b>	<b>48</b>	<b>59.2</b>	<b>0.1</b>	<b>5.4</b>	<b>1.5</b>	<b>7.5</b>
				and	96	102	6	52.5	0.02	19.3	0.3	4.9

\*Holes RCDW017,018 and 019 reported 3 August 2009. RC drill samples collected as 2m composites. Intersections quoted using lower cut-offs of 50% Fe. All coordinates in MGA Zone 50 GDA 94, by hand held GPS ( $\pm 5m$ ). XRF analyses by Spectrolab Laboratory Geraldton. QA/QC included typically field duplicate samples and two standards (Certified Reference Material), comprising one coarse standard and one pulverised standard for each drill hole.

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.

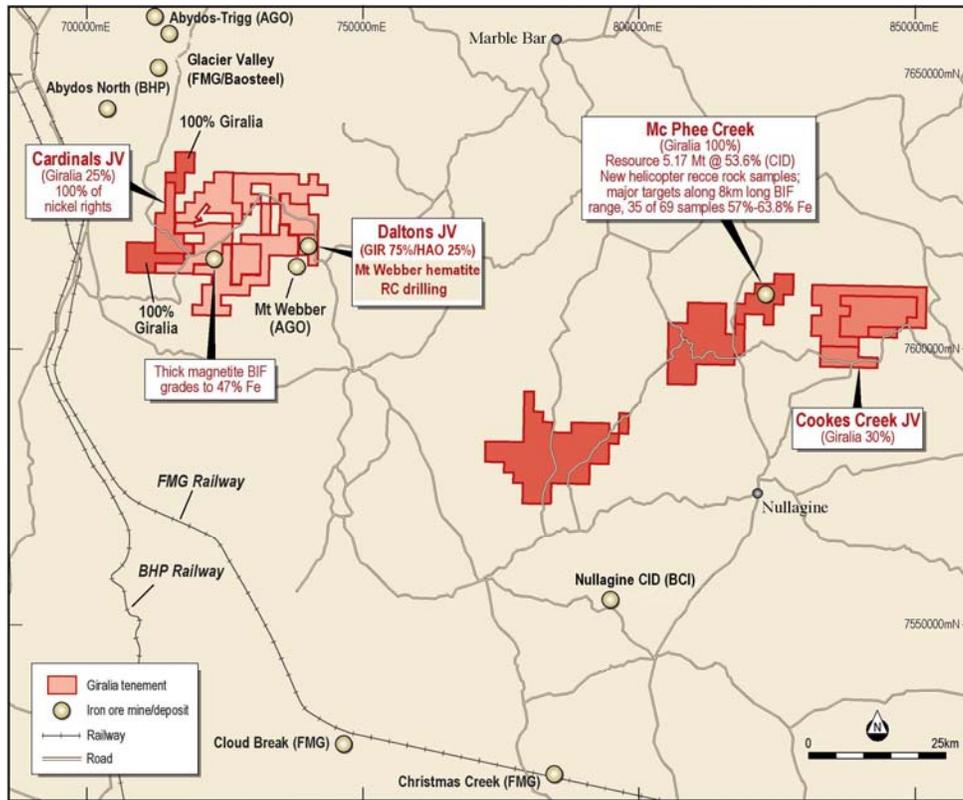


Fig 1: Location plan Daltons JV tenements

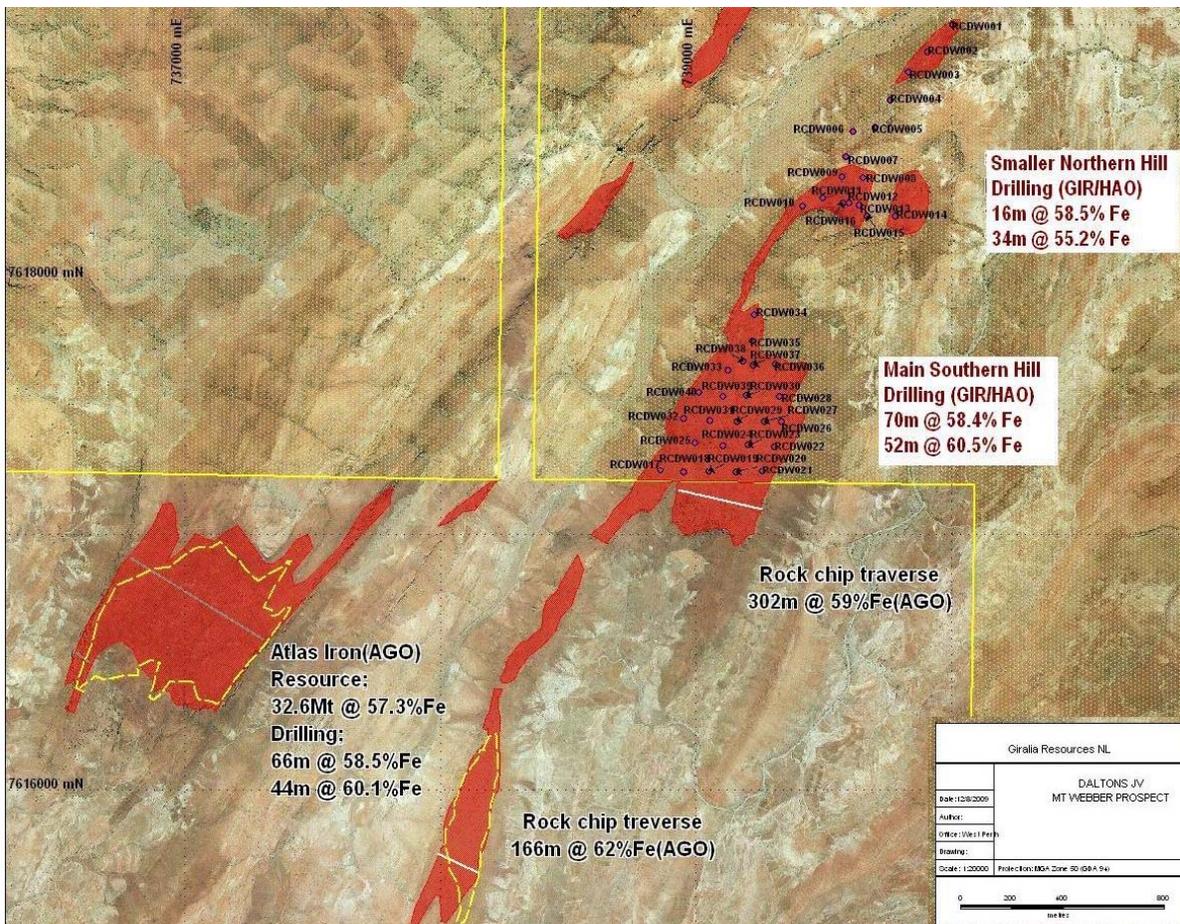


Fig 2: Daltons JV Mt Webber iron ore prospect. JV tenements in Yellow

## About Giralia Resources NL

Giralia Resources NL ("ASX: GIR") is a well funded (~\$70 million cash) mineral exploration company based in Perth, Western Australia. Giralia's iron ore projects in Western Australia are the Company's major exploration and development focus:

**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 7 new zones of hematite have been discovered.

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

**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.

**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

**McPhee Creek (100%) – CID** (Pilbara) – Channel iron deposit (CID) mesa, new drill intersections include 12 metres @ 56.1 % Fe, 10 metres @ 57.2% Fe. Initial Inferred Mineral Resource **5.17 million tonnes @ 53.6% Fe (60.4% CaFe)**.

**Daltons (75%) - Hematite** (Pilbara) – newly discovered zone of massive hematite outcrop, 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>**

**Yerecoin – Magnetite** (150 km from Perth) – 1 km to railway. Initial drilling March 2009; **72 metres @ 32.4% Fe, 52.4 metres @ 31.6 % Fe**. Coarse magnetite; excellent DTR testwork. Scoping Study in progress.

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
PacMag Metals Limited	PMH	copper	~10.4%
U3O8 Limited	UTO	uranium	~15%
Zinc Co Australia Limited	ZNC	zinc	~12%
Carpentaria Exploration Limited	CAP	NSW, Qld copper-gold	~10.4%
Hazelwood Resources Ltd	HAZ	nickel, tungsten	~3.1%
Peninsula Minerals Limited	PEN	uranium	~1.5%