



31 March 2008

## MULGARRIE NICKEL RESULTS

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**Spear sample 4m composite drilling intercepts encountered**  
**28m at 0.56% Ni from 32m (including 4m at 1.23% Ni from 44m)**  
**10m at 0.58% Ni from 32m (including 4m at 0.73% Ni from 36m)**

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**The Directors of Hemisphere Resources are pleased to announce preliminary results for the recent drilling program carried out at the Mulgarrie nickel project. Mulgarrie is situated some 25km from the Black Swan - Silver Swan nickel mine within Western Australia's world class nickel province. Results are for 4m composites from spear samples and 1m results are still to be received.**

Hemisphere Resources completed a drilling program at the Mulgarrie Project to follow up previous intercepts that show the potential for nickel sulphide. A total of 41 holes were drilled for 1,781metres. Only the composite (4m) assay results have been received at this stage. The program was completed using Aircore drilling other two holes completed using Rotary Air Blast (RAB).

Prospects tested with drilling were the Drumstick, Wishbone East and Wishbone West. From the drilling, broad ranges of nickel mineralisation have been demonstrated and the exploration potential of the project has been enhanced.

### **DRUMSTICK PROSPECT**

Two traverses of aircore drilling were completed at the Drumstick Prospect. The drilling was carried out on a 200m x 50m grid pattern. A total of 11 holes were completed for 603m. Drilling was completed to blade refusal varying from 32m to 75m. Previous mineralisation targeted included 2m at 0.73% Ni and 96ppm Cu from 48m in olivine spinifex and 12m at 0.42% Ni and 177ppm Cu from 44m in B zone cumulate.

Drilling was completed on traverses 100m both north and south of this previous drilling. Results from the recent drilling returned a number of significant results. The initial 4m comps have been received with the individual 1m splits awaited.

#### **Significant Drill Results, Drumstick Prospect:**

| Hole          | Northing (AGD 84) | Easting (AGD 84) | RL  | Azimuth | Dip | Depth      | From (m)        | To (m)          | Interval (m)   | Grade (% Ni)        |
|---------------|-------------------|------------------|-----|---------|-----|------------|-----------------|-----------------|----------------|---------------------|
| HMAC021       | 6660429           | 357403           | 404 | 270     | -60 | 74<br>Incl | 32<br><b>44</b> | 60<br><b>48</b> | 28<br><b>4</b> | 0.56<br><b>1.23</b> |
| HMAC022       | 6660422           | 357454           | 404 | 270     | -60 | 75         | 60              | 72              | 12             | 0.37                |
| HMAC023       | 6660424           | 357498           | 404 | 270     | -60 | 69         | 56              | 67              | 11             | 0.35                |
| HMRB028 (RAB) | 6660221           | 357501           | 403 | 270     | -60 | 42<br>Incl | 32<br><b>36</b> | 42<br><b>40</b> | 10<br><b>4</b> | 0.58<br><b>0.73</b> |
| HMAC029       | 6660221           | 357549           | 403 | 270     | -60 | 58         | 44              | 48              | 4              | 0.42                |

## **WISHBONE PROSPECT**

Four traverses of aircore drilling were completed at the Wishbone Prospect. The drilling was completed on 200m x 40m traverses targeting in the vicinity of previous anomalous results. A total of 30 holes were completed for 1,178 metres. Drilling was completed to blade refusal varying from 10m to 72m. Previous mineralisation targeted included 12m at 0.55% Ni from 20m in komatiite saprock on the western limb and 16m at 0.55% Ni from 20m on the eastern limb.

Drilling was completed on traverses 70m north and 130m south of previous results on the western limb; while 100m north and 100m south on the eastern limb

### **Significant Drill Results, Wishbone West Prospect:**

| <b>Hole</b> | <b>Northing<br/>(AGD 84)</b> | <b>Easting<br/>(AGD 84)</b> | <b>RL</b> | <b>Azimuth</b> | <b>Dip</b> | <b>Depth</b> | <b>From<br/>(m)</b> | <b>To<br/>(m)</b> | <b>Interval<br/>(m)</b> | <b>Grade<br/>(% Ni)</b> |
|-------------|------------------------------|-----------------------------|-----------|----------------|------------|--------------|---------------------|-------------------|-------------------------|-------------------------|
| HMAC003     | 6657843                      | 360446                      | 406       | 270            | -60        | 52           | 16                  | 28                | 12                      | 0.36                    |
| HMAC004     | 6657849                      | 360499                      | 407       | 270            | -60        | 54           | 28                  | 36                | 8                       | 0.30                    |
| HMAC005     | 6657845                      | 360547                      | 408       | 270            | -60        | 61           | 12                  | 40                | 28                      | 0.30                    |
| HMAC010     | 6657648                      | 360551                      | 410       | 270            | -60        | 56           | 16                  | 20                | 4                       | 0.38                    |
| HMAC011     | 6657843                      | 360597                      | 408       | 270            | -60        | 56           | 20                  | 44                | 20                      | 0.30                    |
| HMAC012     | 6657846                      | 360651                      | 409       | 270            | -60        | 72           | 20                  | 36                | 16                      | 0.27                    |
| HMAC013     | 6657852                      | 360700                      | 409       | 270            | -60        | 24           | 8                   | 24                | 16                      | 0.30                    |
| HMAC019     | 6657640                      | 360749                      | 408       | 270            | -60        | 16           | 0                   | 8                 | 8                       | 0.30                    |
| HMAC020     | 6657644                      | 360799                      | 406       | 270            | -60        | 43           | 0                   | 4                 | 4                       | 0.33                    |

### **Significant Drill Results, Wishbone East Prospect:**

| <b>Hole</b> | <b>Northing<br/>(AGD 84)</b> | <b>Easting<br/>(AGD 84)</b> | <b>RL</b> | <b>Azimuth</b> | <b>Dip</b> | <b>Depth</b> | <b>From<br/>(m)</b> | <b>To<br/>(m)</b> | <b>Interval<br/>(m)</b> | <b>Grade<br/>(% Ni)</b> |
|-------------|------------------------------|-----------------------------|-----------|----------------|------------|--------------|---------------------|-------------------|-------------------------|-------------------------|
| HMAC031     | 6657902                      | 362050                      | 396       | 270            | -60        | 53           | 24                  | 44                | 20                      | 0.31                    |
| HMAC033     | 6657898                      | 362152                      | 396       | 270            | -60        | 30           | 20                  | 30                | 10                      | 0.34                    |
| HMAC039     | 6657697                      | 362202                      | 398       | 270            | -60        | 27           | 16                  | 27                | 11                      | 0.31                    |
| HMAC040     | 6657697                      | 362251                      | 398       | 270            | -60        | 30           | 24                  | 28                | 4                       | 0.44                    |

Drilling has demonstrated a broad zone of nickel mineralisation which is open in all directions. Hemisphere will continue testing the prospectivity of the project.

The Mulgarrie project is a joint venture between Hemisphere (70%) and Falcon Minerals Limited (30%). Hemisphere is exploring the Mulgarrie project for Archaean komatiite-hosted nickel sulphide mineralisation. Nickel and copper anomalies have previously been demonstrated and the current results are very encouraging. The project is within a nickel production belt bounded by the Scotia, Carr Boyd and Silver Swan nickel mines.

### **About Hemisphere Resources Limited**

Hemisphere Resources (ASX: HEM) is a listed company exploring for nickel and gold and uranium Western Australia.

The Glandore gold project is located 40km east of Kalgoorlie-Boulder and contains numerous advanced exploration targets. Drilling to date has returned positive results including 2m at 43.4g/t, 8m at 9.2g/t from 18m and 7m at 4.5g/t from 18m in close proximity to a previous intersection of 6m at 13.6g/t from 18m.

The Company has one granted exploration licence and 5 secured applications in Western Australia to explore for uranium over a total area of over 600 square kms. The project area is within proximity of known uranium occurrences including Yeelirrie, Windimurra, Uranium, Wondinong, Lake Mason, Anketell, and Lake Noondie.

**Enquiries**     **Mr Danny Costick**  
**Managing Director**

**Contact**     **Phone: 08 9481 1749**  
**Fax: 08 9481 1756**

**Website**     **[www.hemisphereresources.com.au](http://www.hemisphereresources.com.au)**

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Alan Downie, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Downie is employed by Downie Geological Services. Mr Downie 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 Downie consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*