Hemisphere Resources Limited

ABN 96 122 074 006

Suite 7, 6 Richardson Street, West Perth WA 6005 Telephone: +61 8 9481 1749
PO Box 2803, West Perth WA 6872 Facsimile: +61 8 9481 1756

ACTIVITY REPORT TO THE ASX FOR THE QUARTER ENDING 30 SEPTEMBER 2009

Highlights

- **Status of Pilbara iron tenement application well advanced.**
- **Drilling at Glandore extends primary gold mineralisation including:**
  - **2m at 6.1g/t from 72m.**
  - **2m at 2.4g/t from 25m**

Quarterly Overview

For the **Yandicoogina South Iron Project**, located some 6km south of Rio Tinto's Yandicoogina mine, native title negotiations advanced successfully and since the end of the quarter the tenement has been granted. On ground activities are prepared and drilling will commence once all permits are in place.

The **Glandore Gold Project** is located 40km east of the Golden Mile (Kalgoorlie, Western Australia) with significant drilling results obtained. Drilling continued during the quarter and some assays have been received confirming primary mineralisation at the Supergene Prospect. Drilling will recommence during the coming quarter to continue testing targets identified by three dimensional geological modelling.

The Company will continue developing the potential of current projects including drilling.

Yandicoogina South Iron Project (Hemisphere 100%)

During the quarter, native title negotiations advanced successfully and since the end of the quarter the tenement (E47/1904) has been granted. On ground exploration will commence once all permits are in place.

The tenement now granted, was previously secured by way of a successful ballot with major Iron companies also lodging applications. The project is located approximately 6km south of Rio Tinto's Yandicoogina iron ore mine. The property covers part of the Yandicoogina Creek system and is upstream from active mining operations.

The potential of the tenement to host channel iron deposits (CID's) is considered high and has been supported by a review of the regional magnetic, landsat Imagery and aerial photography.

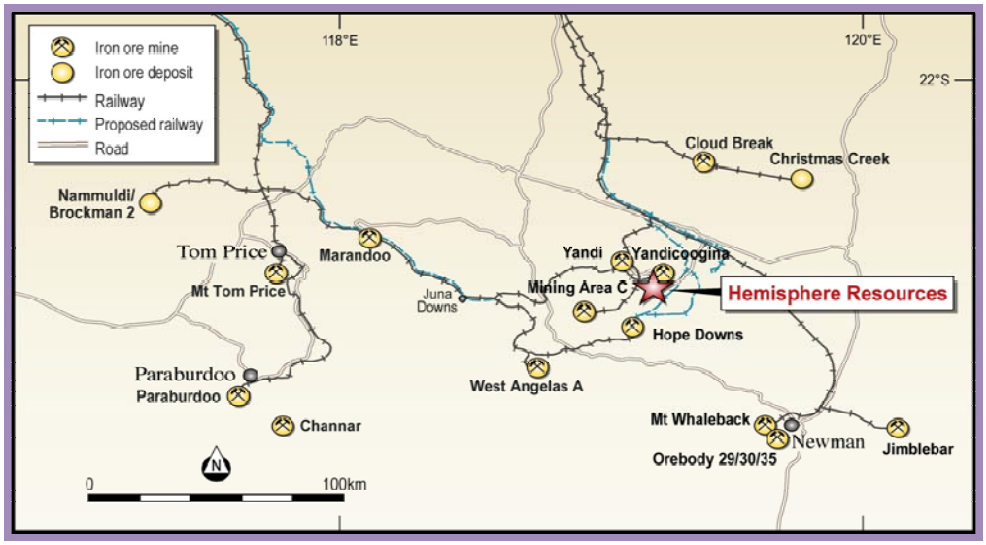

Figure 1: Location of Hemisphere Yandicoogina South Iron Project

The initial exploration target for this project will be channel iron deposits (CIDs). The property is located between two NE – SW trending drainage systems with regional geology being the Weeli Wolli formation. There are world class CIDs close by including BHP's Yandi mine to the north west, Rio Tinto's Yandicoogina mine some 6km to the north, Junction South East mine some 3km to the east and the new Hope Downs mine to the south. The location of the project is shown in Figure 1 above and target areas are shown in Figure 2 below. The Company will continue to progress the iron potential of the Yandicoogina South Iron project.

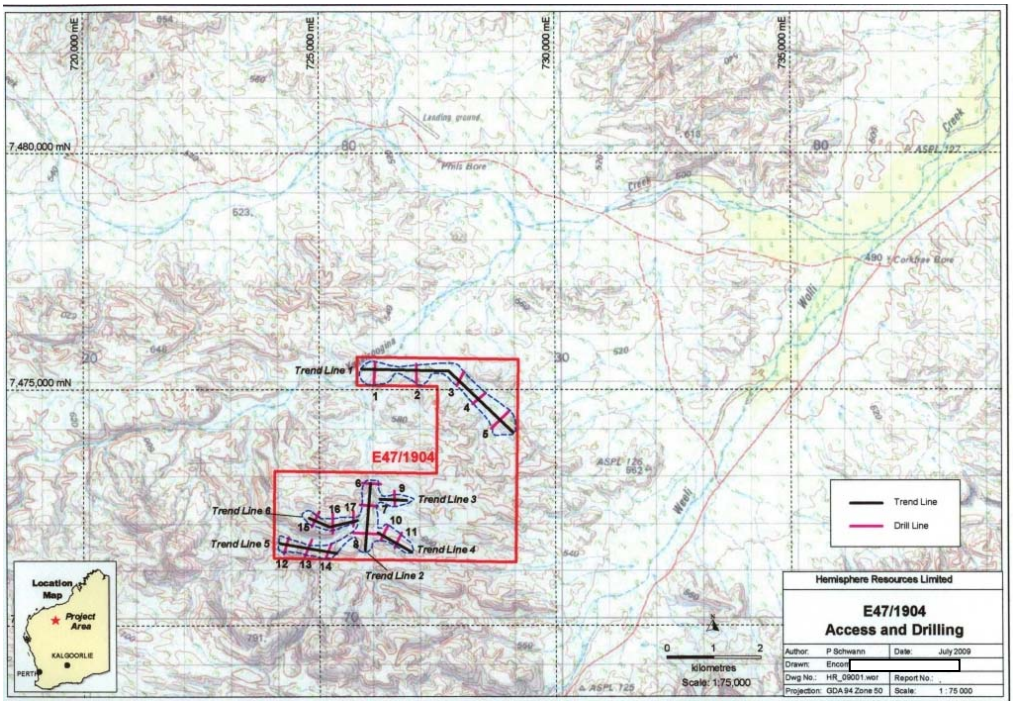

Figure 2: Drill target on Hemisphere's Yandicoogina South Iron Project

Glandore Gold Project (Hemisphere 100%)

During the quarter, a reverse circulation (RC) drilling program was conducted at the Supergene and East Lode prospect areas within the Glandore Gold Project. This drill program was targeted from the previously completed three dimensional modelling which has outlined several new targets. A total of 7 holes were completed for 687 metres.

Five holes (HGRC122 to HGRC125 and HGRC131) were completed at the Supergene Prospect and 2 holes were completed at East Lode (HGRC141 and HGRC143).

Two holes of the 1m split sample results have been received from this drilling program. Results returned are from holes HGRC124 and HGRC125 at the Supergene Prospect. Significant results (>1g/t Au) are listed below.

Hole	East (GDA94)	North (GDA94)	Collar RL	Azimuth	Dip	Drilled Depth (m)	From (m)	To (m)	Interval (m)	Au g/t
HGRC124	391643	6595413	318	050	-60	128	72	74	2	6.07
HGRC125	391655	6595410	318	050	-60	90	25	27	2	2.38

Table 1: Significant RC Drill results Glandore RC Drilling – September Quarter 2009

The remaining 1m sample assays are awaited. Geological interpretation is ongoing and awaiting the final assay results.

Glandore is located some 40km east of the city of Kalgoorlie-Boulder and contains numerous targets which have returned encouraging drill results.

The Glandore anticline consists of basalt overlaying shale with the favourable layered mafic sill beneath. The layered sill is exposed on surface in places due to folding and is interpreted as extending from the surface for a depth of at least 650m. It can be broadly subdivided into two rock types, gabbro that ranges from 90-120m and differentiated dolerite that is interpreted as being at least 500m thick.

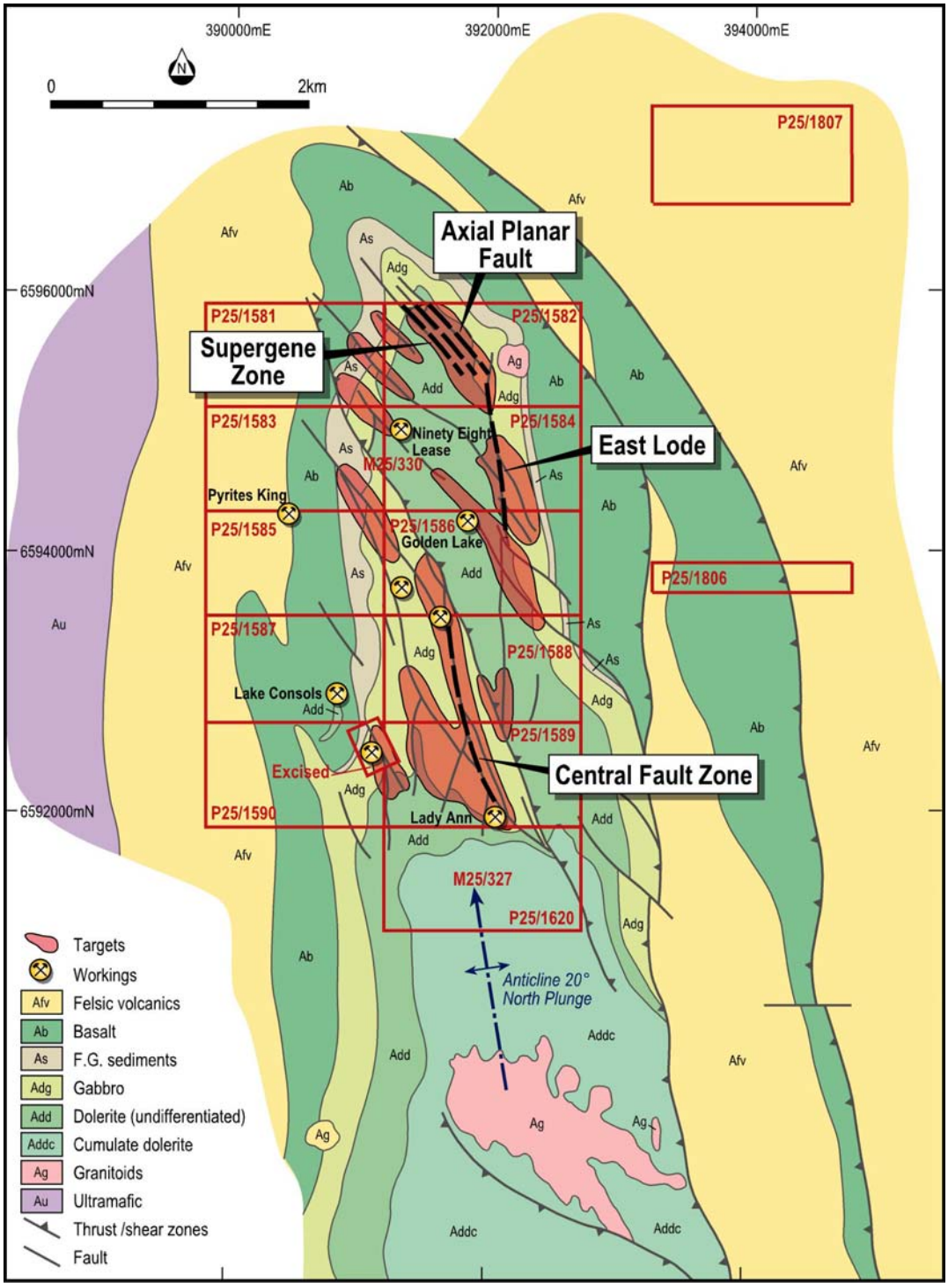

Figure 3: Generalised Geology of Glandore Gold Project showing target areas

Drilling at the Glandore Gold Project will recommence as a priority at the Supergene, East Lode and Lake Consols prospects in the coming Quarter.

Previous drilling of the Glandore Gold Project has returned high grade gold mineralisation both close to surface and extending to depth including the following previous reported drill intercepts.

Supergene Prospect

Hole	Northing (AGD 84)	Easting (AGD 84)	RL	Azimuth	Dip	Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
EGRC004	6595466	391649	321	050	-59	150	12	32	20	4.5
			Incl				**18**	**28**	**8**	**10.4**
							18	24	6	13.6
HGRC14	6595480	391640	318	0	vertical	40	19	28	**8**	**9.2**
HGRC17	6595467	391650	318	0	vertical	40	12	39	27	1.8
			Incl				**18**	**25**	**7**	**4.2**
							33	39	6	2.0
HGRC107	6595490	391625	318	-90	vertical	40	**38**	**40**	**2**	**43.4**
HGRC117	6595436	391634	318	50	-60	70	**37**	**42**	**5**	**4.99**
			incl				37	39	2	9.45
							56	57	1	1.28
							65	68	3	3.83
HGRC118	6595443	391620	318	50	-60	70	2	4	2	1.32
							41	43	2	1.85
							65	66	1	0.53

Table 2: Supergene Prospect - previously reported drill intercepts.

Axial Planar Fault Prospect

Hole	Northing (AGD 84)	Easting (AGD 84)	RL	Azimuth	Dip	Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
HGRC029	6595637	391646	317	055	-60	130	43	44	1	1.12
HGRC030	6595646	391656	317	055	-60	111	78	81	3	1.67
						incl	79	80	1	2.31
HGRC031	6595658	391669	317	055	-60	90	62	67	5	0.86
						incl	**62**	**63**	**1**	**2.43**
HGRC032	6595588	391679	317	055	-60	120	96	97	1	1.01
							101	**107**	**4**	**18.8**
GDJD336	6595626	391703	317	0	-60	144	58	68.25	10.25	10.3
GDJD343	6595648	391660	317	0	-60	139.1	92.5	93.7	1.2	12.5

Table 3: Axial Planar Prospect - previously reported drill intercepts.

East Lode Prospect

Hole	Northing (AGD 84)	Easting (AGD 84)	RL	Azimuth	Dip	Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
EGRC005	6595436	391856	324	060	-60	180	150	160	10	3.05
EGRC006	6595407	391815	320	050	-59	222	118	120	2	3.08
EGRC014	6595188	392032	323	060	-60	186	166	178	12	1.2

Table 4: East Lode Prospect - previously reported drill intercepts.

Lake Consols Prospect

Hole	Northing (AGD 84)	Easting (AGD 84)	RL	Azimuth	Dip	Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
HGRC 48	6592980	390800	334	270	-60	45	**31**	**32**	**1**	**7.57**
HGRC 51	6593005	390782	332	270	-60	50	**26**	**27**	**1**	**6.63**
HGRC 52	6592952	390818	336	270	-60	50	29	29	1	2.31

Table 5: Lake Consols Prospect - previously reported drill intercepts.

Sandstone Uranium Project (Hemisphere 100%)

During the quarter, geological investigations continued and heritage surveys are awaited to facilitate drilling.

The tenements lie within the north central sector of the Yilgarn Craton of Western Australia. This project area contains palaeo-channels and lake systems prospective for uranium and granite/greenstone contacts prospective for base metals and gold (Figure 4).

Hemisphere's Sandstone tenements are in close proximity of known uranium occurrences. Significant uranium occurrences in the district include Yeelirrie (the world's largest unmined calcrete uranium deposit), Windimurra Uranium, Wondinong, Lake Mason, Anketell, and Lake Noondie. Hemisphere has been working up exploration targets from the examination of radiometric data, previous exploration within the district and open file (DMP - Wamex) reports.

A priority uranium target is contained within E57/721 which was covered in part by historical mineral claims during the last period of major uranium exploration.

Base metal and gold prospectivity need to be fully assessed on tenements E57/719 and E57/722 as they also cover granite/greenstone contacts of the Sandstone greenstone and northern extremity of the Southern Cross greenstone belt. The geology of the Lake Noondie greenstone is analogous to the mineralisation on BHP/Western Areas Joint Venture, Mt Alexander 'Cathedrals' Nickel Project which intersected shallow fresh sulphide values of 4 metres at 4.9% Ni, 1.7% Cu, 3.7g/t total PGE and 3.0 metres at 3.8% Ni, 1.6% Cu and 2.7g/t total PGEs located to the south east of E57/722.

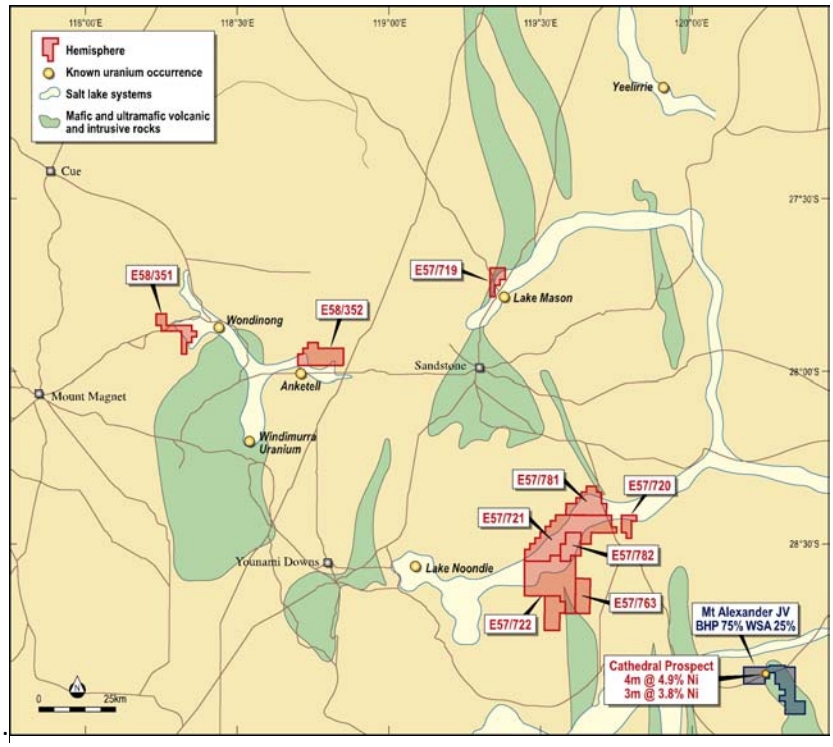

Figure 4: Sandstone Tenements showing neighbouring projects

Mulgarrie Nickel Project (Hemisphere 70%)

During the quarter no field work was undertaken.

The Mulgarrie Nickel Project comprises tenement E27/314, covering prospective komatiite stratigraphy, 15 – 20km north and along strike from the Silver Swan nickel deposit (Figure 5). The project is in joint venture with Falcon Minerals Limited. Hemisphere holds a 70% interest in the project.

The project has been shown to host saprolite and oxide zone development of nickel, with anomalous nickel into fresh close to the base of oxidation. Results have occurred within a broad zone of near surface mineralisation which is open in all directions.

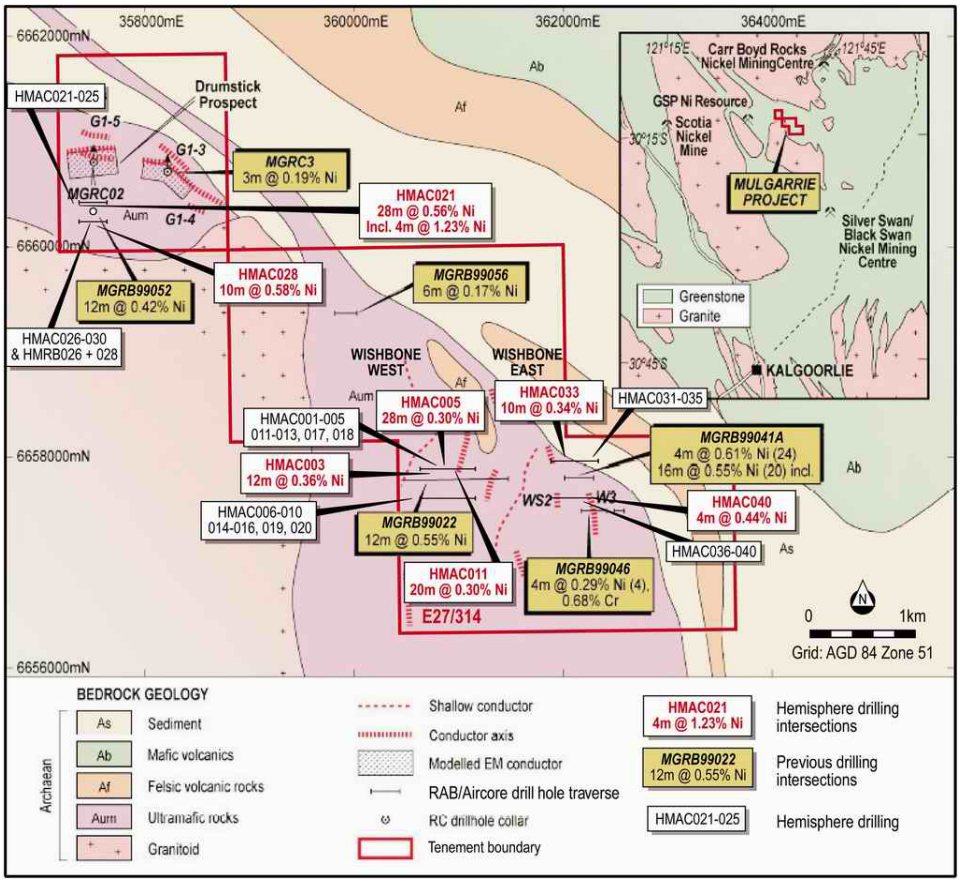

Figure 5: Mulgarrie Project showing geology and Hemisphere drilling

Enquiries - **Mr Danny Costick**
Managing Director

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