



20 July 2009

ASX Code: WCN

## Major Nickel Anomalies Identified at White Cliff

### Highlights

- **New nickel anomalies identified by soil sampling**
- **Nickel values up to 109 times background values**
- **Anomalies have higher nickel soil sample values than soil sample values at the White Cliff Gossan**

The Company announces that significant initial soil geochemistry assay results have been received from regional soil sampling at the White Cliff Nickel Project. Several large new nickel anomalies have been identified with nickel values up to 109 times background values. The values of several anomalies are greater than the anomaly identified at the White Cliff Gossan where recent drilling discovered nickel mineralisation with grades of up to 2.16% nickel.

The best results include:

Location	Soil sample Id	Raw Nickel value (ppb)	Response x background	Anomaly Size (km <sup>2</sup> )
White Cliff Gossan	WS0066	3250	26	0.15
Hampshire	WS2797	13,800	109	3.1
	WS3027	2730	22	
	WS3030	2590	20	
	WS3014	2780	22	
Cables	WS2250	3660	29	3.1
	WS2257	5130	40	
	WS2436	4510	36	
Hazlett	WS2843	4790	38	0.41
Cables West	WS2251	2500	20	1.5

Table 1: MMI Soil geochemistry results with values and sizes larger than the White Cliff Gossan

White Cliff managing director Mike Langoulant commented that “The Company is extremely pleased at the tenor and grade of the nickel anomalies which provide significant upside in an area where we have already discovered nickel mineralisation. We are currently evaluating all the results and planning an aggressive drill campaign to test these anomalies in conjunction with further drilling of the White Cliff Gossan nickel discovery”.

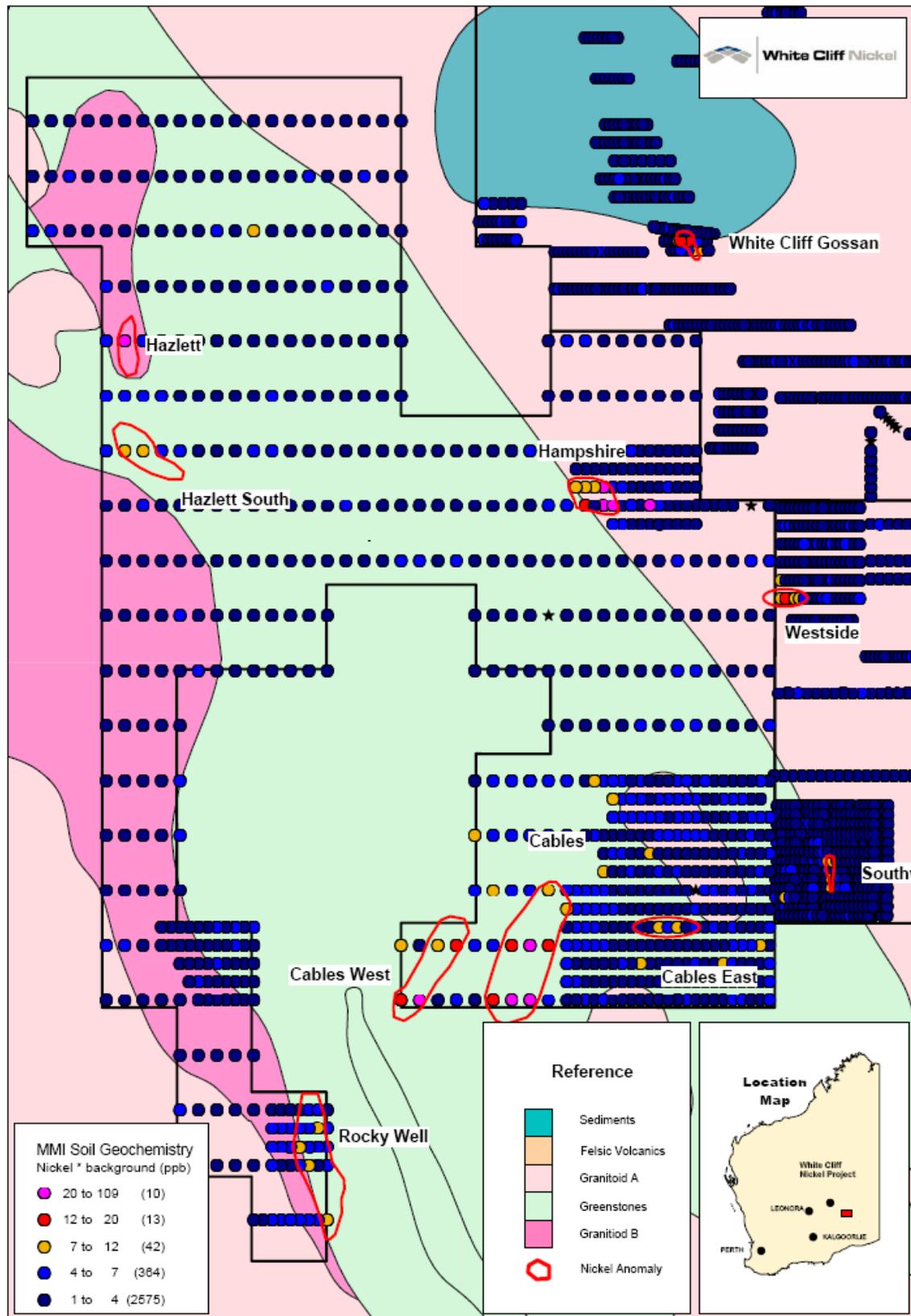


Figure 1: Map of MMI soil geochemistry results showing anomaly locations.



## About White Cliff Nickel Limited

**White Cliff Nickel Limited** is an ASX listed Western Australian based exploration company with the following projects:

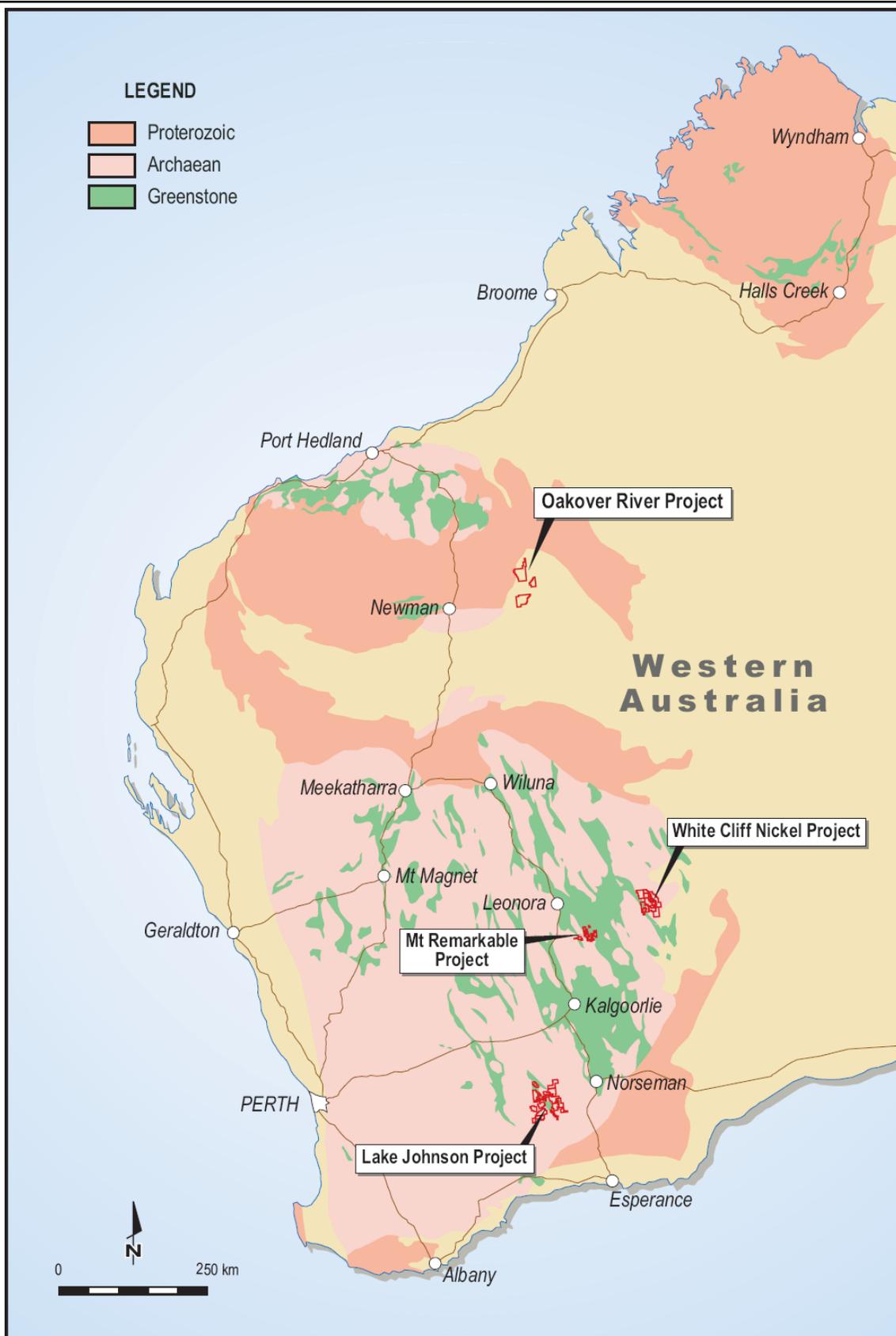
**White Cliff Nickel Project:** White Cliff Nickel's core project is the White Cliff nickel project which covers over 1,407 square kilometres in a prospective region situated 60 kilometres south-east of Laverton WA. This project has been joint ventured with a Korean consortium, comprising Daewoo International Corporation and the 100% government owned Korea Resources Corporation, for the Korean consortium to earn up to 50% of the project by the expenditure of up to \$5 million over the next 3 years.

**Lake Johnston Project:** This project covers approximately 1,400 square kilometres of exploration tenement applications in the Lake Johnson Greenstone Belt. This Greenstone Belt contains Norilsk's Emily Ann and Maggie Hayes nickel sulphide mines which combined have a total resource of approximately 140,000 tonnes of contained nickel. Much of the project area was previously held by LionOre and contain excellent prospectively for both komatiite associated nickel sulphides and amphibolite facies high-grade gold mineralisation. The area contains little outcrop, with the bedrock geology concealed by transported cover. This project has been joint ventured with a Canadian company, District Gold who is earning a 50% interest via expenditure of \$1.25 Million Canadian dollars.

**Mount Remarkable Project:** The project located approximately 170 km N-NE of Kalgoorlie and about 25 km SE of Kookynie in the Northern Goldfields. Included in the project area are the historic mining centres of Mt Remarkable and Yerilla which consists of several old workings. Major gold mines in the surrounding area include Sons of Gwalia, Tarmoola, Carosue Dam, Granny Smith, Wallaby and Sunrise Dam

**Oakover River Iron-Manganese Project:** The Oakover River three exploration tenement applications are approximately 140 km east of the town of Newman, Western Australia and cover approximately 970 square kilometres. This area is considered to have potential iron and manganese mineralisation in an underexplored area.

<p>The Information in this report that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Todd Hibberd, who is a member of the Australian Institute of Mining and Metallurgy. Mr Hibberd is a full time employee of the company. Mr Hibberd has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves (the JORC Code)'. Mr Hibberd consents to the inclusion of this information in the form and context in which it appears in this report.</p>
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**Tenement Map.** A regional geology and location plan of White Cliff Nickel Limited exploration projects in the Yilgarn Craton, Western Australia