24 February 2008 ASX Code: WCN

Mt Remarkable Gold and Nickel Clarification and Update

Highlights

- **Historical drilling confirms gold potential**
- **Outcrop samples indentify nickel prospectivity**

White Cliff Nickel Limited provides the following clarification and exploration update regarding gold potential at the Mt Remarkable project following the acquisition of the remaining 40% tenement interest. The Mt Remarkable Gold Project is located within the North Eastern Goldfields of Western Australia, approximately 170 km N-NE of Kalgoorlie and about 25 km SE of Kookynie.

The project consists of two tenements covering an area of 52 square kilometres and includes the historic Mt Remarkable Mining Centre, which consists of several old workings.

Gold Potential

Historical exploration and recent sampling have identified gold mineralisation from rock chips, soil sampling, and shallow RAB and percussion drilling. Drilling at the Mt Remarkable Mining Centre during the 1960's to 1980's identified the following mineralised intersections within a wider envelope of low grade mineralisation:

Hole	Drill Type	Width	Assays g/t Au	From Depth
PENZOIL RAB hole 1	RAB	1m	19 g/t	7m
PENZOIL RAB hole 2	RAB	2m	29.9 g/t	surface
including	RAB	1m	56 g/t	surface
MRP6	RC	1m	4.1 g/t	3m
MRP5	RC	1m	2.7 g/t	11m
MRP 10	RC	2m	2.3 g/t	25m
RNRB1	RAB	1m	1.7 g/t	18m
RNRB 4	RAB	2m	1.5 g/t	14m
RRB11	RAB	*1m*	1.2 g/t	31m

Table 1. Historical Drilling Results

The bulk of the drilling centres on the Mt Remarkable historical workings and the Mt Remarkable North workings 300 metres further north. Geochemical sampling is currently being planned to locate new target areas and to identify extensions to existing mineralised area's prior to drilling.

White Cliff Nickel recently completed a 50 metre spaced aeromagnetic survey of the area which, from preliminary interpretation, has revealed several prominent structures and interpreted small intrusive features that may provide insight into gold mineralisation within the area (Figure 1). An in-depth magnetic interpretation has begun. In addition a review of historical exploration data has indicated that the north-west trending ultramafic rocks within the western portion of tenement E31/590 have not been previously tested for nickel mineralisation.

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Nickel Prospectivity

During the December quarter, field mapping and rock chip sampling was completed on the western portion of the Mt Remarkable project. A newly identified ultramafic unit has been mapped and extends over at least 9 km within White Cliff tenements. Rock chip samples of outcropping cumulate ultramafic material assayed up to 0.3% nickel and 0.12% cobalt (Table 2). In addition platinum and copper were elevated compared to background levels.

	Co	Cu	Ni	Pt
Rock Chip Sample	**ppm**	**Ppm**	**ppm**	**ppb**
MRR008	148.84	8.04	2623	2
MRR009	154.84	27.92	2983	8
MRR012	158.24	113.4	1114	5
MRR013	1271.44	585.3	1912	15
MRR015	73.66	37.55	1251	5
MRR016	48.22	19.03	1105	2
MRR017	60.54	18.72	1554	3
MRR018	106.44	21.57	1727	2

Table 2. Rock chip sample results

Planned Exploration

The Company is currently planning soil geochemistry traverses over the prospective portions of the project and will combine the results of the sampling with high-resolution aeromagnetic data to determine drill targets that have gold and nickel potential.

For further information please contact:
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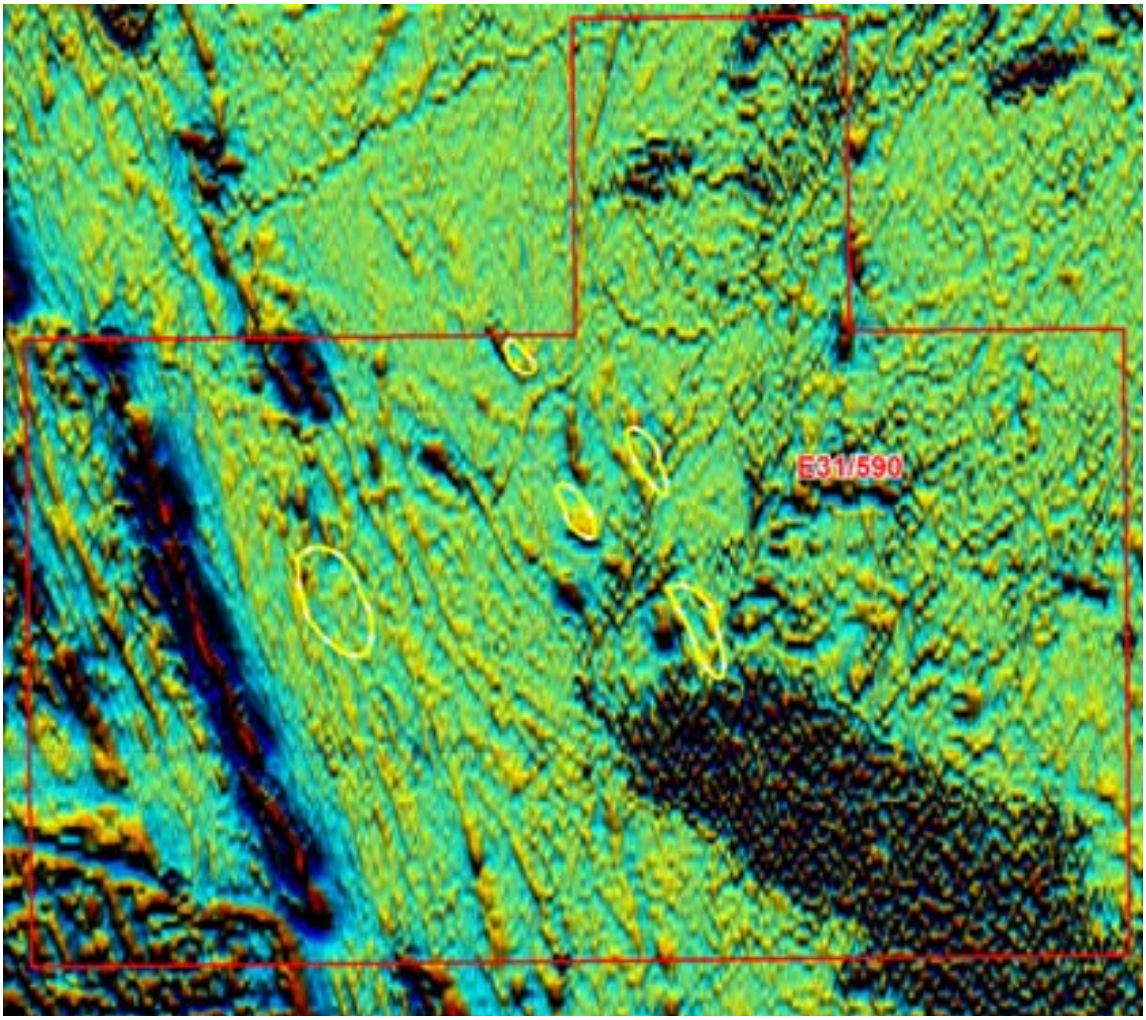


Figure 1 2VD pseudo-colour image from 50 metre-spaced airborne magnetics of the Mt Remarkable E 31/590 tenement. The yellow polygons represent zones of elevated gold in near surface and the dark red areas on the left hand side indicate ultramafic units.

About White Cliff Nickel Limited

White Cliff Nickel Limited is a Western Australian based nickel explorer which listed on ASX on 14 December 2007 having raised $6 million.

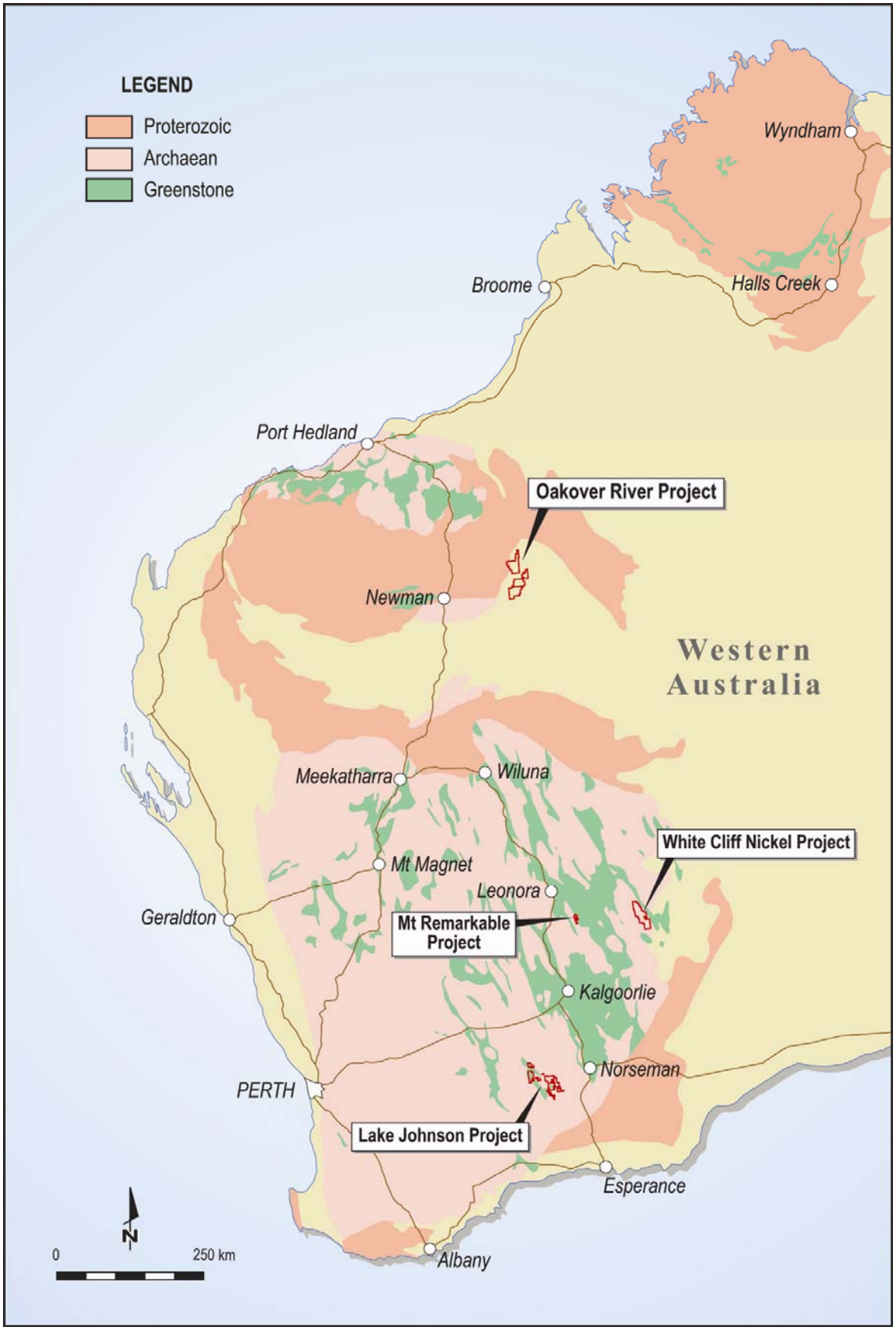
White Cliff Nickel Project: White Cliff Nickel's core project is the White Cliff nickel project which covers over 1,000 square kilometres in a prospective region situated 60 kilometres south-east of Laverton WA. This project has been joint ventured with a Korean consortium, comprising Daewoo International 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 consists of eleven exploration tenement applications in the Lake Johnson Greenstone Belt, which contains Norilsk's Emily Ann and Maggie Hayes nickel sulphide deposits. These mines have a total resource of approximately 140,000 tonnes of contained nickel. The project area was previously held by LionOre and has excellent prospectivity 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.

Mount Remarkable Project: The project is located approximately 170 km N-NE of Kalgoorlie and about 25 km SE of Kookynie in the Northern Goldfields. The leases an area of 27 square kilometres over the historic Mt Remarkable Mining Centre, which consists of several old workings. In addition, the Company has recently applied for a further exploration tenement (E31/835) of approximately 25 square kilometres, to the south of E31/590, providing a larger ground holding within this prospective area. 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 exploration tenement applications (E 45/3250, E 45/3251 & E 45/3252), 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. Previous exploration data of the area is currently being evaluated and a field visit is planned later this year to further assess the project potential and to formulate an exploration program.

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.



Tenement Map. A regional geology and location plan of White Cliff Nickel Limited exploration projects in the Yilgarn Craton, Western Australia