28 June 2010 ASX Code: WCN

Mt Remarkable Drilling and Geochemistry Update

Highlights

- **Drilling identifies significant nickel mineralisation**
- **Infill soil sampling further defines highly prospective nickel and gold anomalies**
- **Major geophysical survey planned for the Mt Remarkable Ultramafic**

Summary

The Company is pleased to announce that recent reverse air blast (RAB) drilling intersected significant nickel anomalism including intersections of 26 metres at 0.3% nickel and 23 metres at 0.26% nickel. Full results are reported in Table 1 (figure 2). The results confirm that the Mt Remarkable ultramafic is prospective for nickel sulphide mineralisation over a 9 kilometres distance.

Managing Director Todd Hibberd commented that "The initial drilling results for the Mt Remarkable ultramafic are very encouraging as they have confirmed that the rocks contain high levels of background nickel and some copper anomalism. The ultramafic is also adjacent to sulphur rich sediments which provide the sulphur necessary for nickel sulphide formation."

In addition to the recent drilling infill mobile metal ion (MMI) geochemistry has further defined several significant gold and nickel anomalies at the Mt Remarkable project north of the recent drilling programs (figure 1). Nickel anomalism is up to 232 times background and occurs within and adjacent to a NNW trending ultramafic unit where recent drilling identified significant mineralisation further South on granted tenement E31/590.

In addition, gold anomalism is up to 328 times background with peak raw values of 34 ppb occurring in soils adjacent to a quartz stock work in felsic volcanics and a peak raw value of 32 ppb occurring along a sheared contact between felsic volcanics and ultramafic volcanics.

The Company will carry out an extensive moving loop electromagnetic survey along the ultramafic unit in July to identify any conductive targets prior to further drilling. The Company is also planning to drill test the new gold targets in the September quarter.

Drilling Identifies Significant Nickel Mineralisation

Detailed geological logging of the drill samples has identified encouraging thicknesses of cumulate ultramafic rock and sheared talc chlorite schist prospective for nickel sulphide mineralisation. Importantly the Mt Remarkable Ultramafic is adjacent to sulphur rich sediments to the west and felsic volcanics to the east. Nickel sulphide deposit formation in komatiites requires significant amounts of sulphur to be available to promote nickel sulphide deposition.

RAB drilling intersected encouraging nickel anomalism including intersections of 26 metres at 0.3% nickel and 23 metres at 0.26% nickel. Full results are reported in Table 1. The results confirm that the Mt Remarkable ultramafic is prospective for nickel sulphide mineralisation over a 9 kilometres length (figures 1 and 2). Importantly further MMI geochemical sampling indicates that the nickel anomalism becomes much stronger north of the drilling with nickel anomalism up to 232 times background.

Hole_ID	Hole Depth	Prospect	Interval	Nickel %
MRAC038	26	Crossland Creek	26m	0.30%
MRAC039	23	Crossland Creek	23m	0.26%
MRAC040	83	Crossland Creek	16m	0.24%
MRAC047	28	Crossland Creek	28m	0.21%
MRAC049	11	Crossland Creek	11m	0.03%
MRAC053	19	Crossland Creek	15m	0.20%
MRAC054	51	Crossland Creek	51m	0.19%
MRAC058	44	Crossland Creek	12m	0.23%
MRAC066	110	Crossland Creek	8m	0.25%
MRAC077	27	Crossland Creek	23m	0.18%
MRAC078	50	Crossland Creek	46m	0.22%
MRAC080	46	Crossland Creek	42m	0.19%
MRAC086	27	Crossland Creek	28m	0.34%
MRAC087	88	Crossland Creek	88m	0.22%
MRAC088	60	Crossland Creek	48m	0.23%

Table 1 Summary of RAB Results - Nickel

Air Core drilling has also been completed on the Mt Remarkable lease E3/590 east of the drilling that identified nickel mineralisation. The drilling encountered multiple zones of quartz veining within felsic volcanics known to host gold mineralisation. The best intersections encountered included 12 metres at 0.25 g/t gold and 8 metres at 0.38 g/t gold (Table 2). While the gold results are not significant the drilling has confirmed the geological model and further drilling will be carried out on The La Tosca and Federation targets further north where gold geochemistry anomalies are much higher (figures 1, 5 and 6).

Hole_ID	Hole Depth	Prospect	Interval	Gold (g/t)
MRAC004	44	Mt Remarkable	12m	0.25g/t Au
MRAC006	36	Mt Remarkable	4m	0.33g/t Au
MRAC010	49	Mt Remarkable	8m	0.38g/t Au

Table 2 Summary of Air core Results - Gold

Infill MMI Soil Sampling Results

Mobile metal ion (MMI) soil geochemistry has further defined two extensive nickel anomalies with peak nickel values up to 232 times background within a zone of values greater than 50 times background. The anomalies occur along a NNW trending outcropping ultramafic unit and adjacent sedimentary and felsic volcanic units. The ultramafic unit extends for over 20 kilometres within the Company's tenements.

Nickel anomalism occurs within outcropping NNW trending cumulate and spinifex textured ultramafic rocks interpreted to be komatiites. The northern anomaly is associated with nickel values of up to 232 times background that occur within an envelope of values greater than 50 times background. Anomalism is particular strong along the lithological contacts of the adjacent sedimentary and felsic volcanic rocks (figure 3).

The southern anomaly is immediately north of the recent completed drilling program testing a MMI nickel-copper anomaly where nickel mineralisation was identified. Nickel values are up to 94 time background within an envelope of 10-20 times background nickel. The anomaly also extends into the adjacent sedimentary unit and is associated with elevated gold and copper values commonly encountered when sulphide mineralisation is present (figure 4).

Gold in Soil Anomalies

MMI soil geochemistry has identified multiple large and coherent gold anomalies with peak values of up to 328 time background (max. 34ppb). The gold anomalies occur along the sheared contacts felsic and ultramafic volcanic units in association with nickel anomalism and in quartz stock works within felsic volcanic and intrusive units (figures 1 and 6).

The gold anomalies also occur adjacent to and along strike from historical mines and include areas where no previous exploration drilling has taken place. The new anomalies extend to the north of the historical La Tosca Mining Centre is in an area with no previous work and is a high priority drilling target (figure 1 and 5). The sampling also identified large areas of gold anomalism associated with mafic/ultramafic unit on the western side of the lease in an area not historically explored (figures 6).

The company is planning air core drilling to test these targets.

Changes to Planned Exploration

Based on the significant nickel results encountered within the Mt Remarkable Ultramafic Unit, the company has planned a detail moving loop electromagnetic survey (MLTEM) to be carried out in June/July. Further drilling will be based in the outcome of this survey.

In addition, the new MMI Soil sampling results have further delineated several gold targets at La Tosca, Roscommon and Federation on tenements E31/874 and E31/918. Air core and reverse air blast (RAB) drilling targeting several gold and nickel soil anomalies will be carried out at the Mt Remarkable gold and nickel project in the September quarter.

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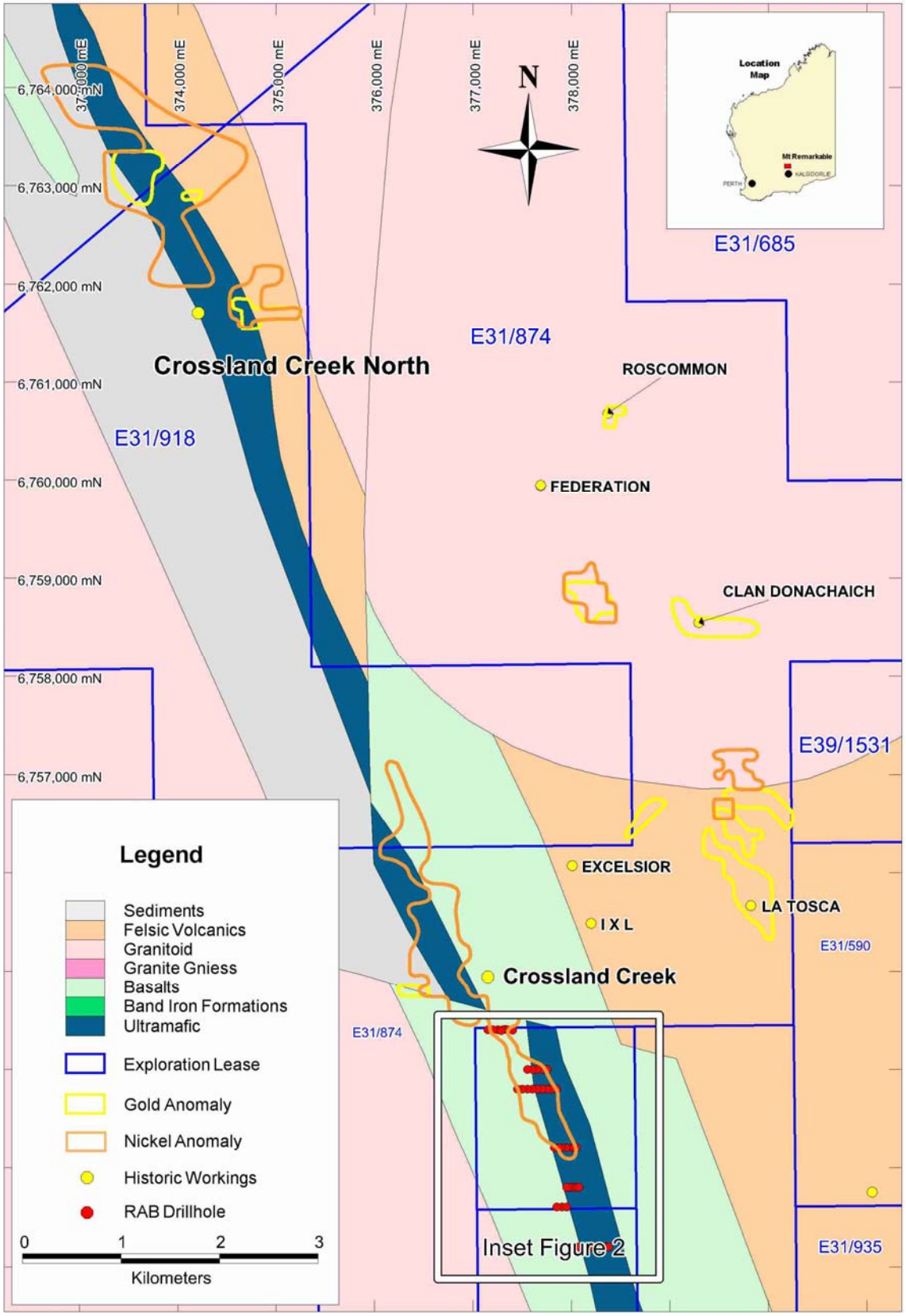


***Figure 1**: Tenement location map showing drilling location and nickel and gold anomalism.*

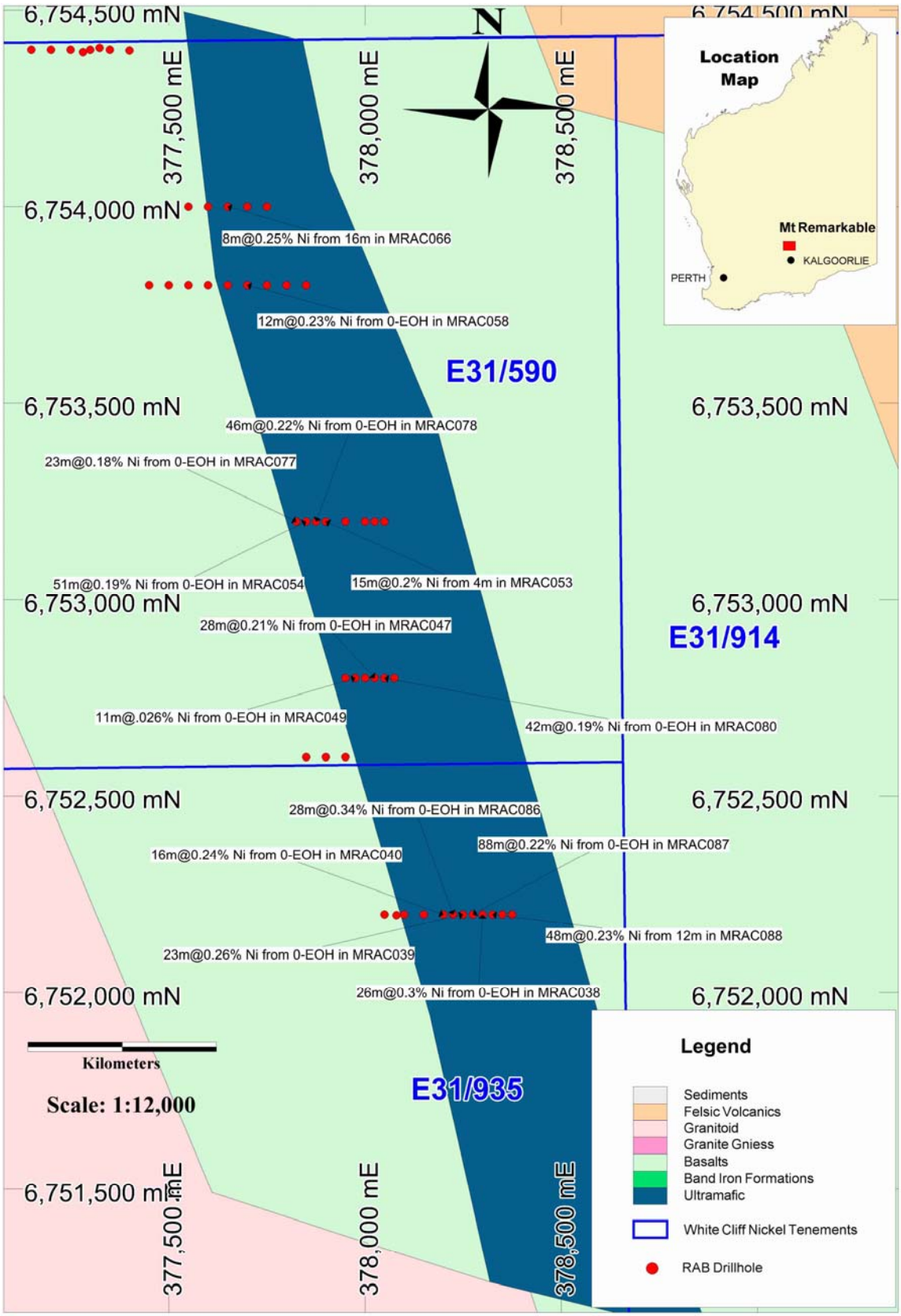


***Figure 2**: Significant nickel results from recent RAB drilling.*

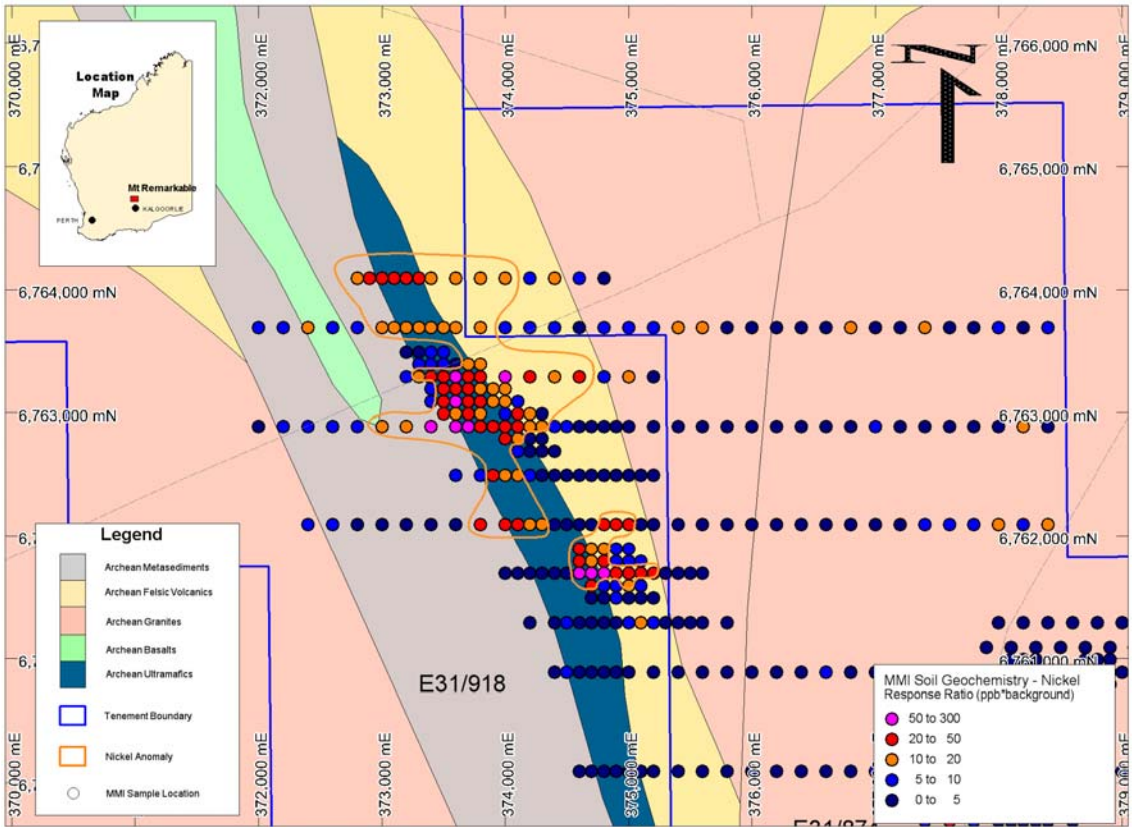


***Figure 3**: Northern nickel anomaly with results up to 232 times background. Anomalism is particularly strong along lithological contacts and is also associated with gold anomalism.*

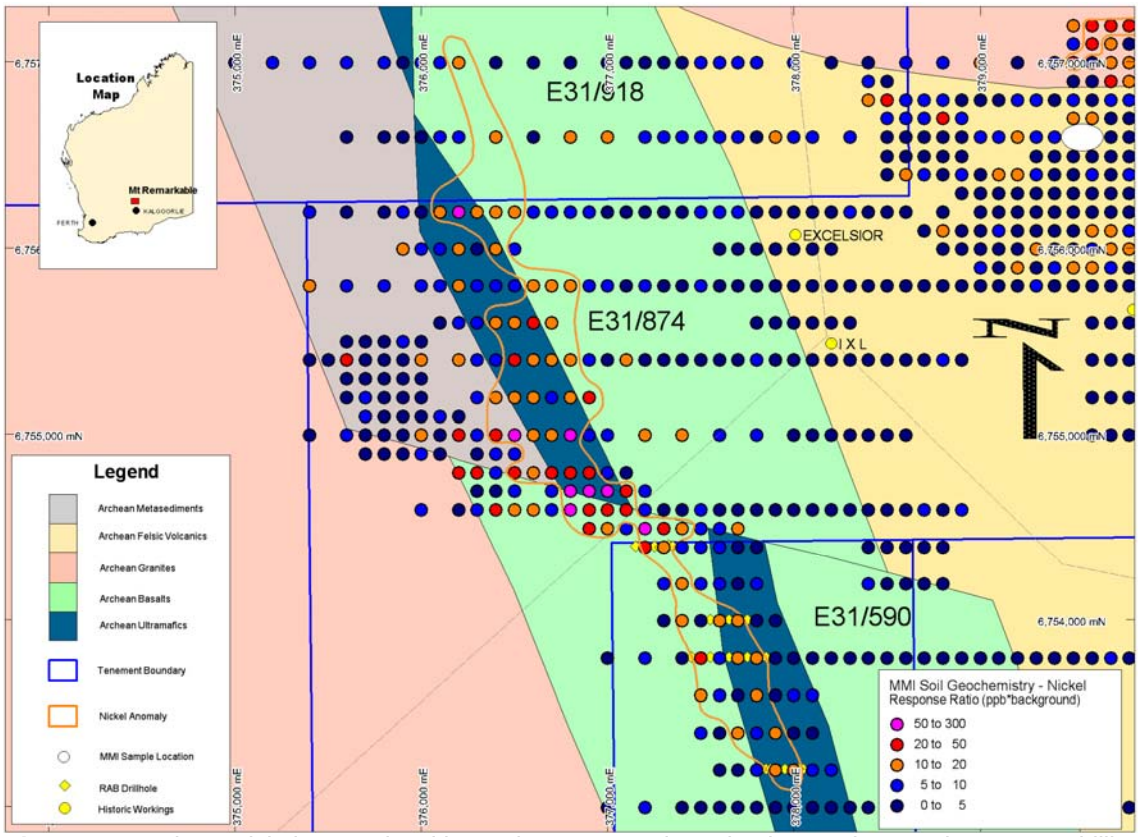


***Figure 4**: Southern nickel anomaly with results up to 94 times background. Note the current drilling immediately south of the strongest result.*

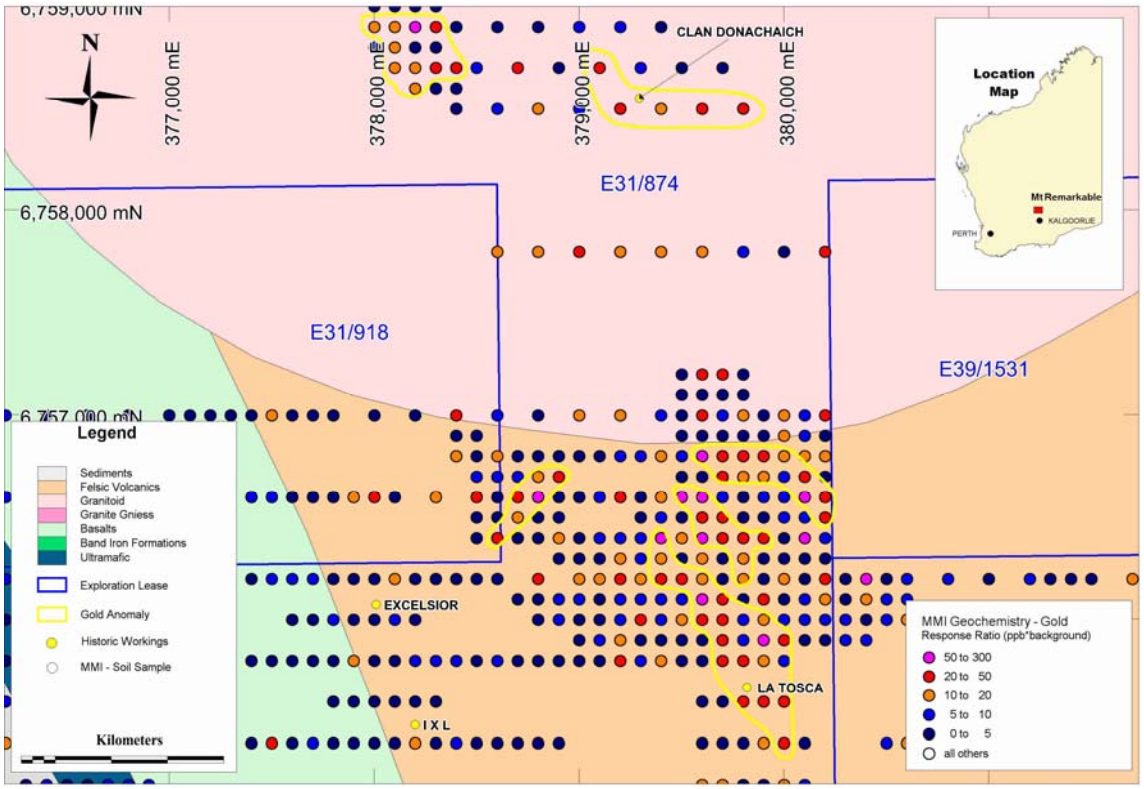


Figure 5: *The La Tosca gold anomaly with results up to 165 times background within a halo of results above 50 times background*

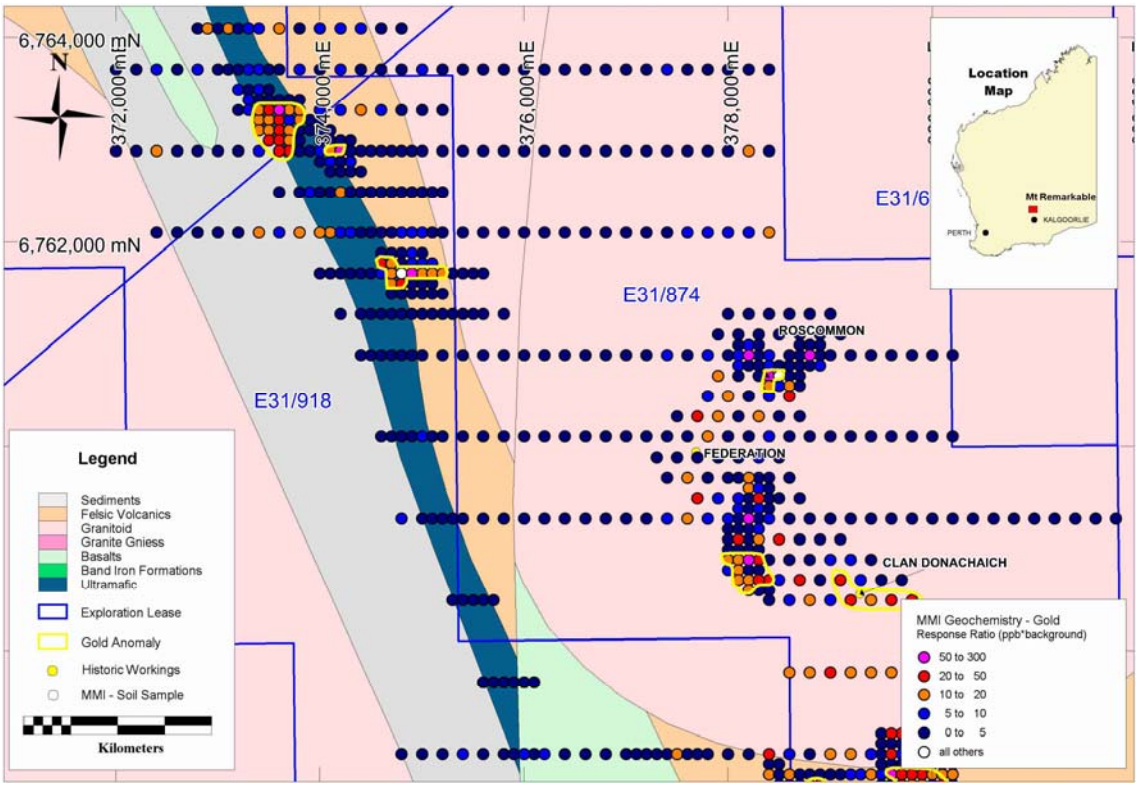


Figure 6*: Northern and Federation gold anomalies. The Northern gold anomaly is associated with a coincident nickel anomaly and associated lithological contacts. The Federation anomalies are associated with quartz stock works within felsic volcanics.*

About White Cliff Nickel Limited

White Cliff Nickel Limited is a Western Australian based nickel and gold explorer which listed on ASX on 14 December 2007 having raised $6 million. The Company's key goal is to identify a mineable nickel or gold deposit via a systematic exploration process consisting of assessing and acquiring prospects, compiling historical results, sampling to identify gold and nickel soil anomalies followed by drilling.

Laverton Gold Project: The project consists of 1200 square kilometres of tenement applications in the Laverton and Merolia Greenstone belts. The core prospects are located 20km south of Laverton in the core of the structurally complex Laverton Tectonic zone immediately south of the Granny Smith Gold Mine (3 MOz) and 7 kilometres east of the Wallaby Gold Mine (7MOz). In addition, applications are pending over a large part of the Merolia Greenstone belt immediately Southwest of Laverton.

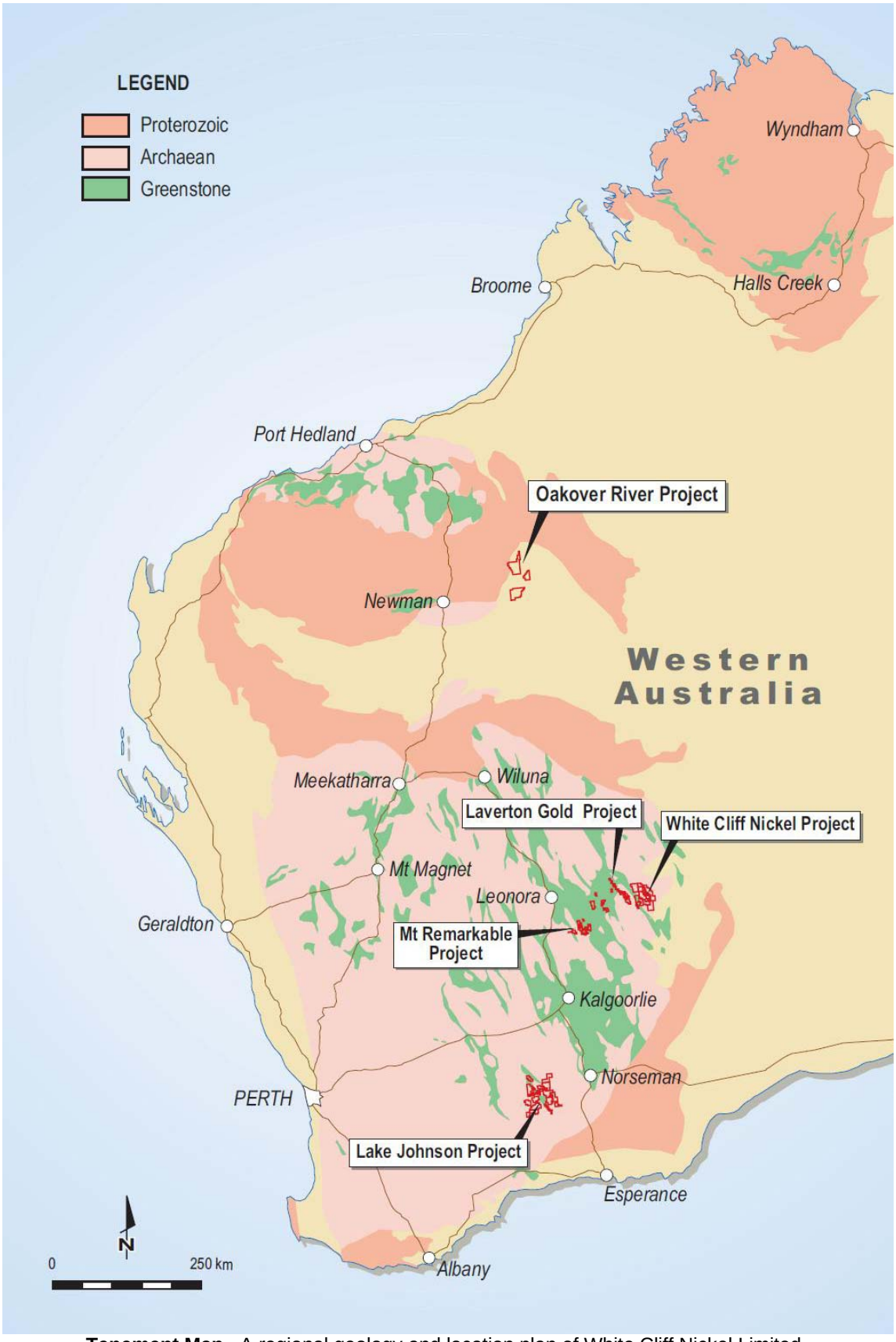
White Cliff Nickel Project: The project which covers over 1,200 square kilometres in the Merolia section of the Laverton Greenstone Belt situated 60 kilometres south-east of Laverton WA. The region contains the Irwin-Coglia and Mineral Patch Hill nickel deposits and Fish and Lord Byron Gold deposits. The project has been joint ventured with a Korean consortium, comprising Daewoo Intl and the 100% government owned Korea Resources Corporation. The Korean consortium can earn up to 50% of the project by the expenditure of up to $5 million over the next 3 years.

Lake Johnston Project: The project covers over 1400 square kilometres in the Lake Johnson Greenstone Belt, which contains the 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 Norilsk and has excellent prospectivity for both komatiite associated nickel sulphides and amphibolite facies high-grade gold mineralisation.

Mount Remarkable Project: The project covers 300 square kilometres and is 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 gold 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. The project includes several areas adjacent to and along strike from existing nickel deposits at Aublis, Yerilla and Boyce Creek. These deposits form Heron Resources Yerilla Nickel Project which contains 135 Mt @ 0.77% Nickel and 0.05% Cobalt.

Oakover River Iron-Manganese Project: The project covers 970 square kilometres and is located approximately 140 km east of the town of Newman, Western Australia. The Northern lease contains the same sedimentary sequences area that host Hancock Mining's Balfour Manganese Mine 30 kilometres West and is considered to have potential iron and manganese mineralisation. 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