27 April 2010 ASX Code: WCN

New Nickel and Gold Soil Anomalies Identified at Mt Remarkable

Highlights

- **Soil sampling identifies nickel anomalies up to 232 times background**
- **Gold anomalies up to 328 times background also identified**
- **Nickel RAB drilling program completed – results awaited**
- **Gold Air Core drilling program completed – results awaited**

The Company is pleased to announce that recent mobile metal ion (MMI) geochemistry has identified several highly significant gold and nickel anomalies at the Mt Remarkable project (figure 1).

Nickel anomalism is up to 232 times background and occurs within and adjacent to a NNW trending ultramafic unit currently being drill tested further South on granted tenement E31/590.

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.

Managing Director Todd Hibberd commented that “The intensity and size of these nickel and gold anomalies gives us great confidence that further work will identify gold and nickel mineralisation. The Company is currently planning to drill test the new nickel and gold targets in the June quarter.”

Air Core and RAB drilling has just been completed south of the new gold and nickel anomalies on the Mt Remarkable lease E3/590. RAB Drilling encountered significant thicknesses of cumulate ultramafic rock and sheared talc chlorite schist prospective for nickel sulphide mineralisation. To the west, air core drilling encountered multiple zones of quartz veining within felsic volcanics known to host gold mineralisation. Assay results should be available by mid May.

Nickel in Soil Anomalies

Mobile metal ion (MMI) soil geochemistry has identified 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 2).

The southern anomaly is immediately north of the current drilling program testing a MMI nickel-copper anomaly. 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 3).

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 4-6).

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 4 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 infill sampling and air core drilling to test these targets.

Drill Program Update

Air core and reverse air blast (RAB) drilling targeting several gold and nickel soil anomalies was completed at the Mt Remarkable gold and nickel project in late April. The drilling program consists of 1000 metres of air core drilling targeting gold anomalies identified around old workings and 2000 metres of RAB drilling targeting a major nickel copper soil anomaly on the western side of the project.

RAB Drilling encountered significant thicknesses of cumulate ultramafic rock and shear talc chlorite schist prospective for nickel sulphide mineralisation. To the west, air core drilling encountered multiple zones of quartz veining within felsic volcanics known to host gold mineralisation. Assay results should be available by mid May.

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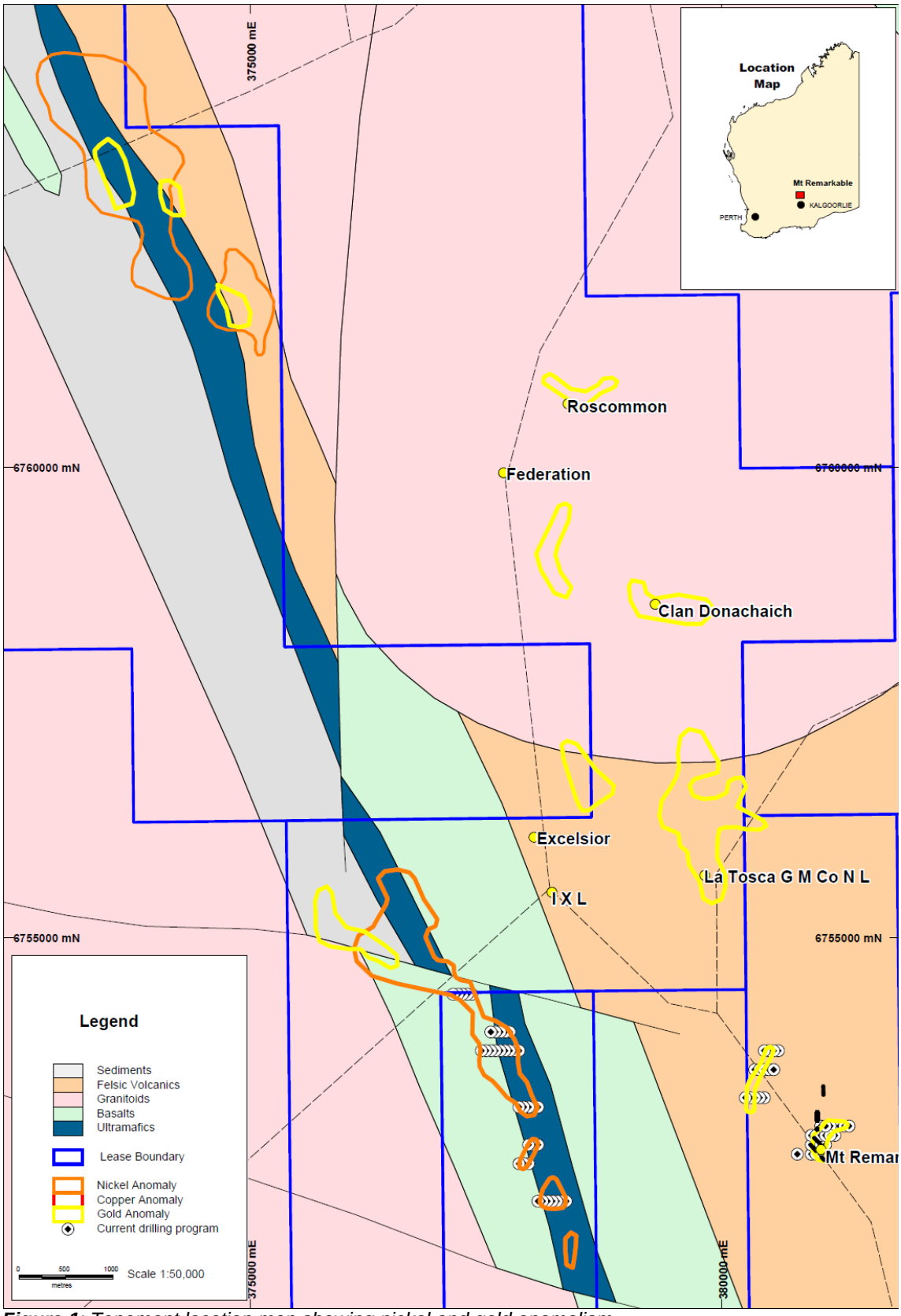


***Figure 1**: Tenement location map showing nickel and gold anomalism.*

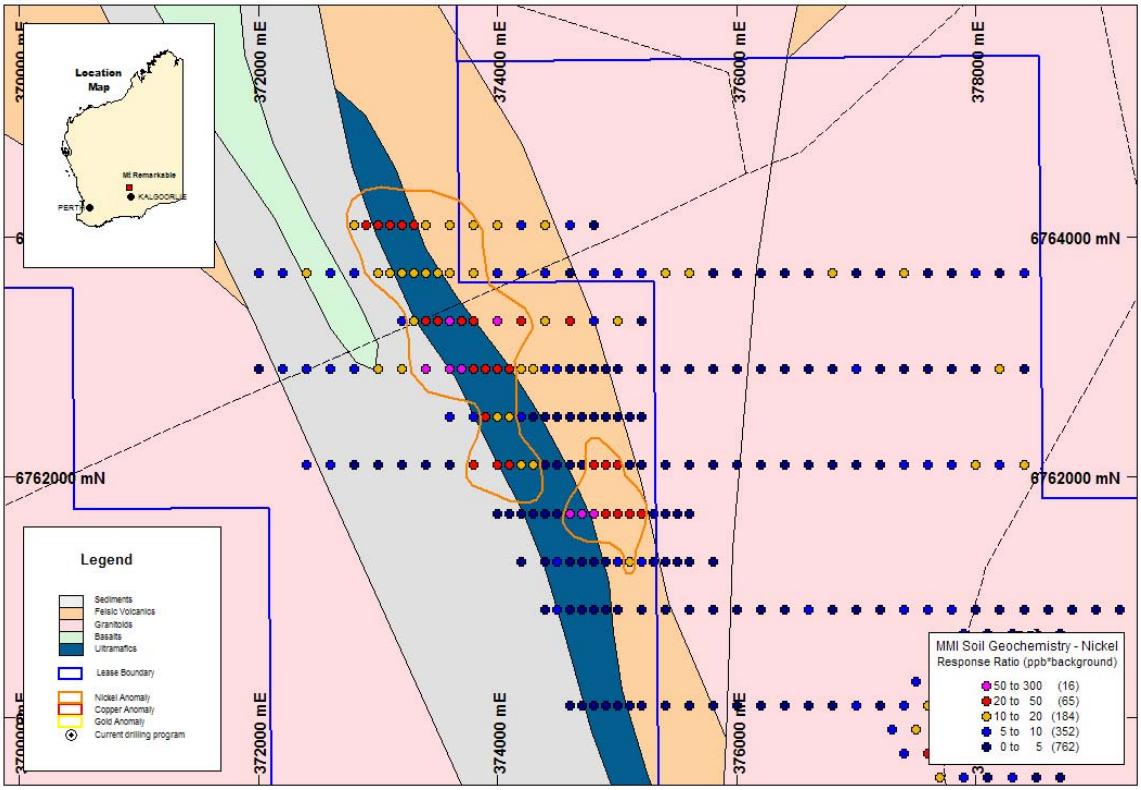


***Figure 2**: Northern nickel anomaly with results up to 232 times background. Anomalism is particularly strong along lithological contacts and is also associated with gold anomalism.*

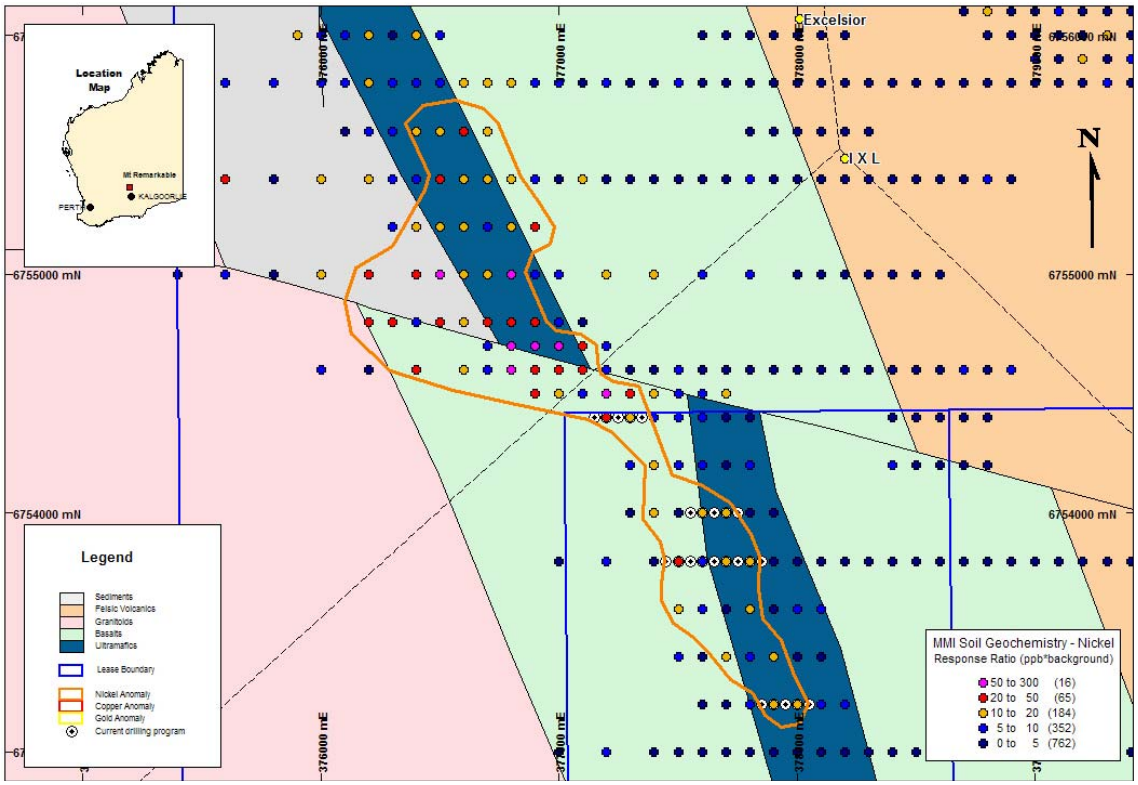


***Figure 3**: Southern nickel anomaly with results up to 94 times background. Note the current drilling immediately south of the strongest result.*

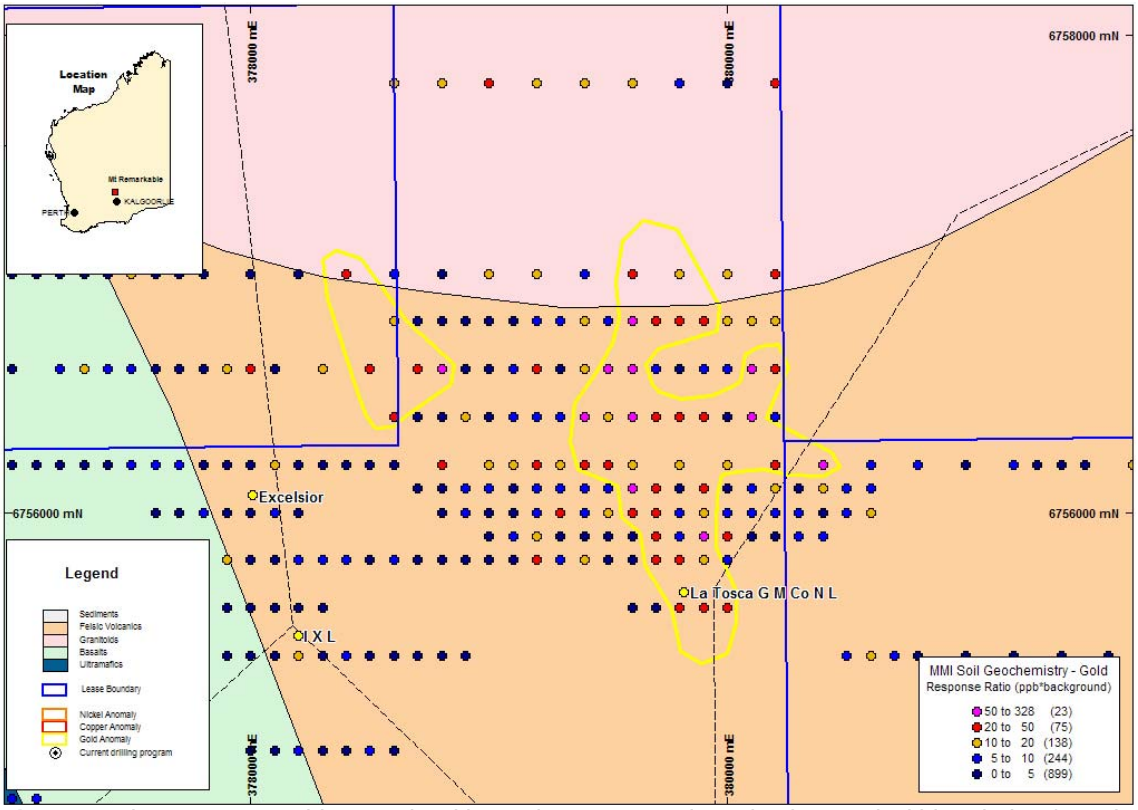


Figure 4: *The La Tosca gold anomaly with results up to 165 times background within a halo of results above 50 times background*

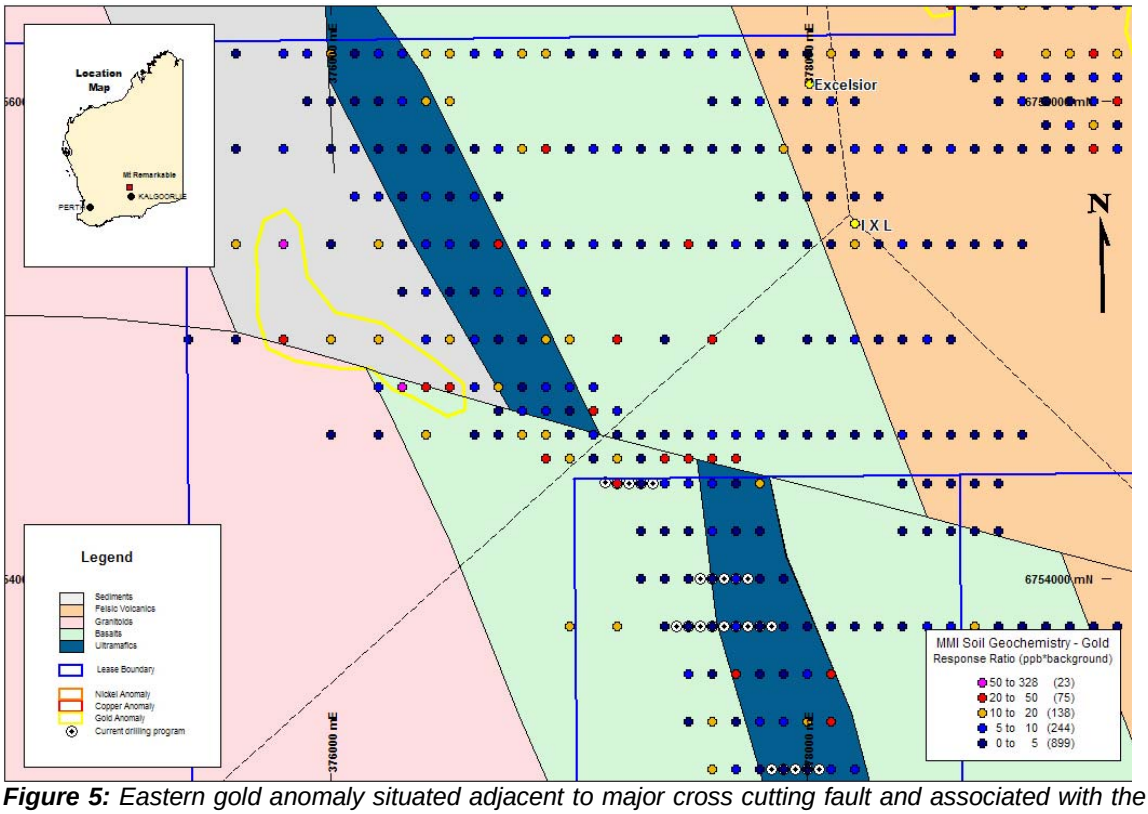


Figure 5: *Eastern gold anomaly situated adjacent to major cross cutting fault and associated with the coincident Southern nickel/copper anomaly.*

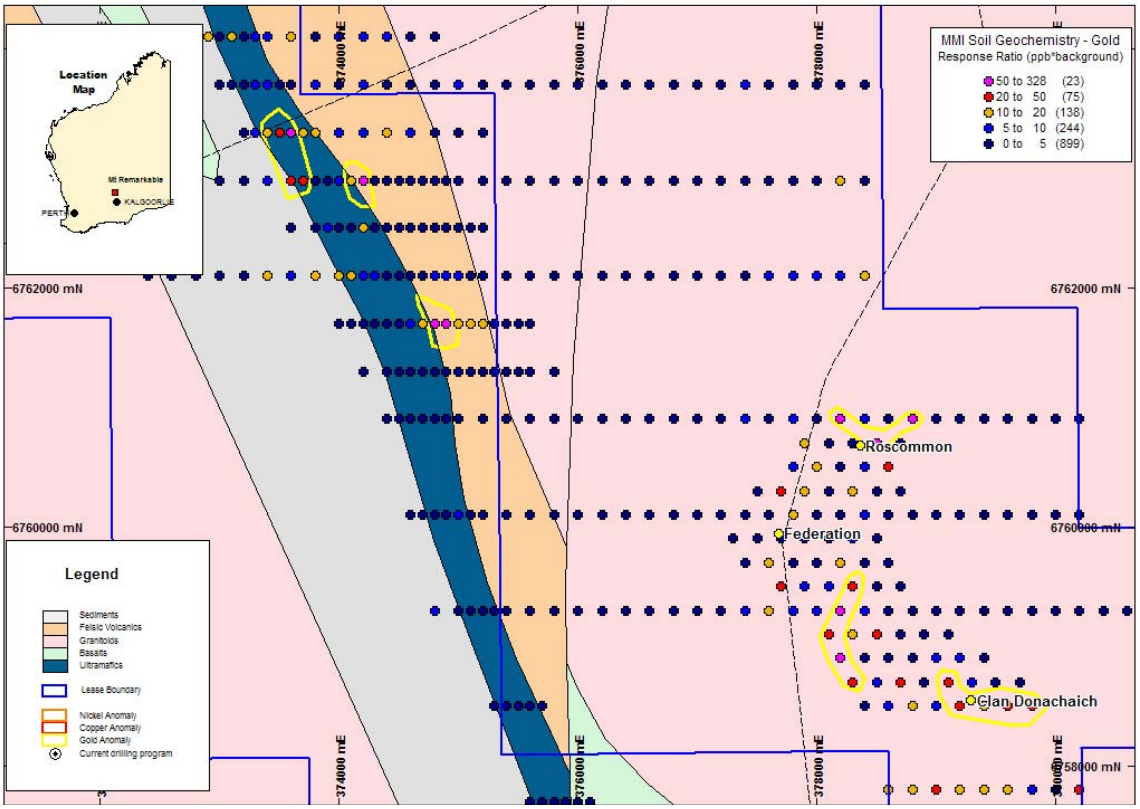


***Figure 6**: Northern and Federation gold anomalies. The Northern gold anomaly is associated with a coincident nickel anomaly and associated lithological contacts. The Federation anomalies are associated with quartz stock works within felsic volcanics.*

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.

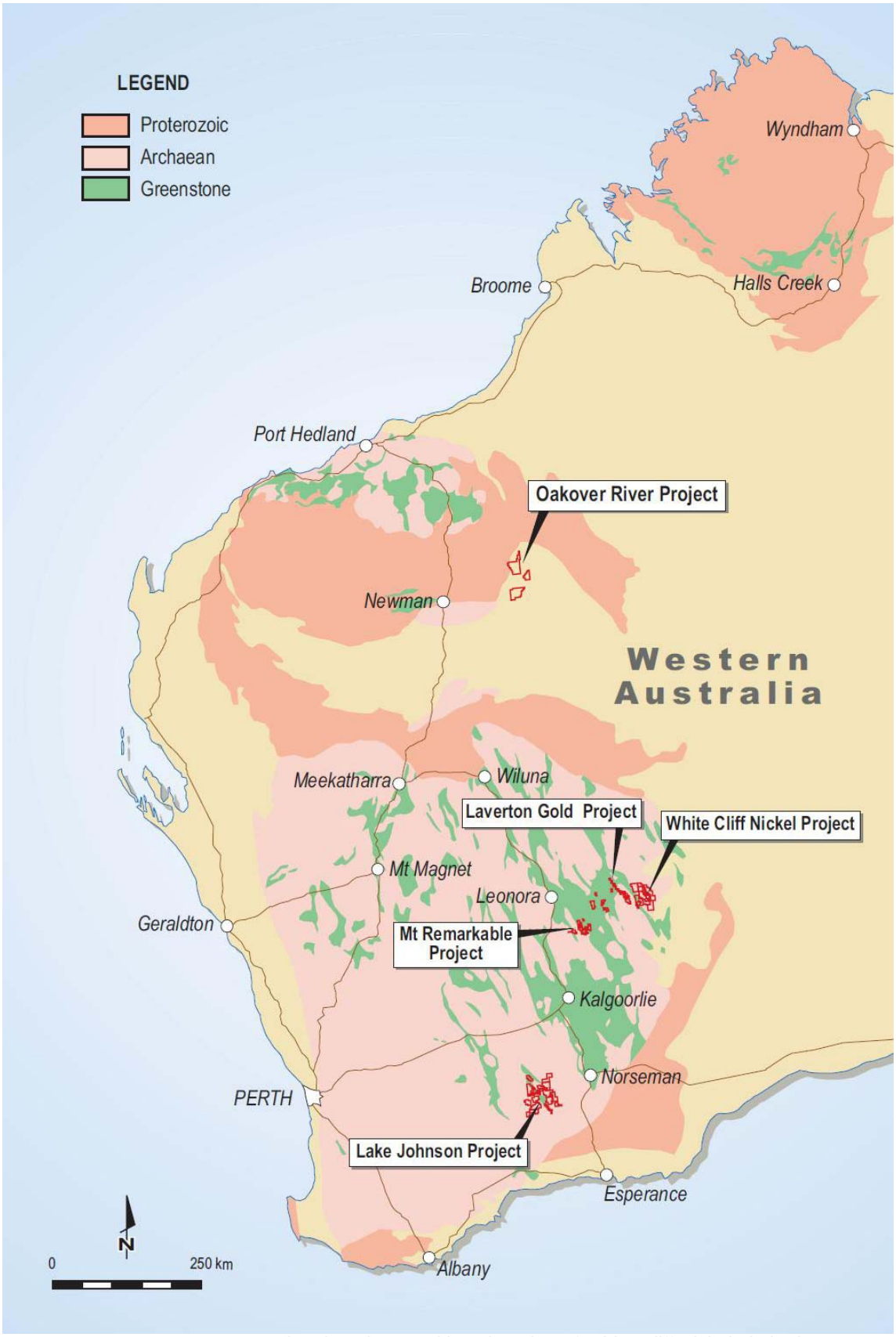
White Cliff Nickel Project: The project which covers over 1,200 square kilometres in the Merolia section of the Laverton Greenstone Belt situated 60 kilometres south-east of Laverton WA. The region contains the Irwin-Coglia and Mineral Patch Hill nickel deposits and Fish and Lord Byron Gold deposits. 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