

SIRIUS RESOURCES NL

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Projects

Collurabie:

Nickel, copper, PGM's

Fraser Range:

Nickel, copper, PGM's

Polar Bear:

Nickel, PGM's

Lawlers:

Nickel

Youanmi:

PGM's, copper, zinc, gold

Lake Wells:

Uranium, iron, gold


DRILLING COMMENCES AT FRASER RANGE

Sirius Resources (ASX:SIR) will tomorrow commence its first drilling program on the Fraser Range project. This comprises an initial 2,000m reverse circulation (RC) drilling program testing three nickel-copper-cobalt soil anomalies: Gnama South, Talbot and Talbot 1.

The three soil anomalies are located at the extreme southern end of the project area (Figure 1), and are each 300-400 metres long, as outlined in the Explorers Conference presentation released to the ASX on 25th February 2010. The program also aims to verify a hole drilled in 1969 at the Gnama South prospect which is reported to have intersected minor disseminated sulphides in mafic and ultramafic rocks.

The initial drilling program is scheduled to take approximately two weeks to complete and it is anticipated that assay results will be available by mid-May. Elsewhere on the project, several previously reported regional soil geochemical anomalies are awaiting more detailed infill sampling to define additional drill targets. This will be undertaken as time permits over the coming months.



Mark Bennett
Managing Director and CEO
Sirius Resources NL

Competent Persons statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Dr. Mark Bennett, who is an employee of the company. Dr Bennett is a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Bennett consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

Exploration results are based on standard industry practices, including sampling, assay methods, and appropriate quality assurance quality control (QAQC) measures. Reverse circulation (RC), aircore and rotary air blast (RAB) drilling samples are collected as 1 metre samples and composited where stated. Core samples are taken as half core sampled to geological boundaries where appropriate. All samples are prepared using four acid digest, lead collection or nickel sulphide collection fire assay, and assayed using inductively coupled plasma mass spectrometry (ICPMS), inductively coupled optical emission spectrometry (ICPOES) or atomic absorption spectrometry (AAS) at reputable laboratories in Perth, Western Australia. The accuracy and precision of analytical results is monitored by the use of internal laboratory procedures and certified standards and subsequent statistical analysis to ensure that results are representative.

Figure 1. Fraser Range project showing location of Talbot, Talbot 1 and Gnama South prospects.

