

1 July 2021

The Company Announcements Office
Australian Stock Exchange Limited
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SYDNEY, NSW 2000



Athena
Resources

ACN 113 758 900

BYRO BASE METALS PROJECT

FLTEM SURVEY UNDERWAY AT THE BYRO NI-CU-PGE PROJECT

Athena Resources Limited (**Athena the Company**) (ASX:**AHN**) is pleased to announce the company is continuing with its base metal exploration program with the Geophysical Ground Electromagnetic Survey underway at the Company's 100% owned Byro Base Metal Project within its Byro tenements.

GEM Geophysics arrived onsite on Tuesday 29 June and currently underway with a High-Powered Fixed Loop EM (**HP FLTEM**) survey, using high power ~100-200A, low base frequency, HT SQUID B-field sensor and optimal slingram sensor over 6 identified target areas.

The survey is the next step in the Athena base metal exploration program following completion of review of base metal prospectivity and geophysical surveys within the Athena tenements. (**Base Metal Review** announced on the ASX Platform on **23 March 2021**).

Results from the Company's base metal review confirmed 6 base metal target areas with anomalous, moderate to strong, mid and late time responses coincident with aspects of exploration to date supporting the prospective potential of ineffectively or untested anomalies.

The HP FLTEM survey at the Milly Milly intrusion will be for a total 12,500-line meters with 140 stations over 3 target areas. At the Moonborough intrusion the survey will be for a total 13,000-line meters with 144 stations over 3 target areas.

In the regional context, all 6 target areas are close to the Yilgarn margin. The layered intrusive systems demonstrating prospective Cu/Ni/Cr/MgO geochemistry conducive for development of metal sulphides.

On completion of the surveys, data will be reviewed by Southern Geoscience Consultants. It is anticipated modelling, interpretation and drill target refinement will take 6-8 weeks to complete.

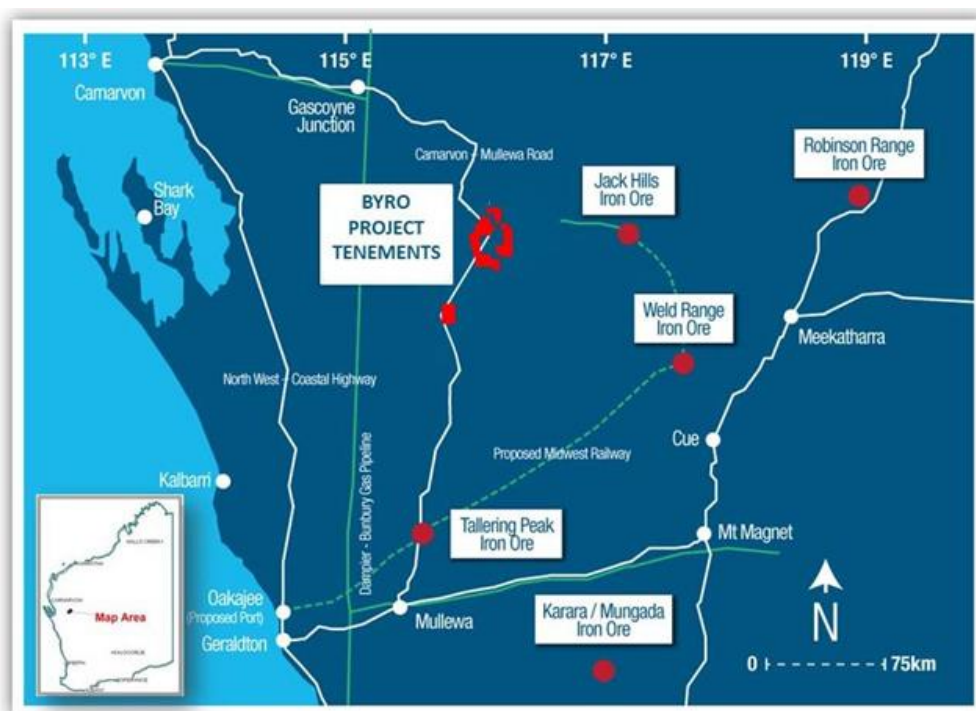
Athena Resources Limited



ABOUT ATHENA RESOURCES LIMITED

Athena Resources Limited (ASX:AHN), which is based in Perth was listed on the ASX in 2006 and currently has 361 million shares on issue. Athena owns a 100% interest in the Byro Project through its subsidiaries Complex Exploration and Byro Exploration where it is exploring for copper, nickel, PGE's and iron ore.

Regional Project Location



Edmond Edwards, Executive Director of Athena, has authorised release of this Review Report to the ASX.

Yours faithfully

Ed Edwards
Executive Director
ATHENA RESOURCES LIMITED

Athena Resources Limited



INTERESTS IN MINING TENEMENTS

Athena Resources Limited 100%	Tenement Type
Byro Exploration	E – Exploration License
E09/1507	
E09/1552	
E09/1637	
E09/1781	
E09/1938	
Byro Project Mining	M - Mining Lease
M09/166	
M09/168	



CAUTIONARY NOTES AND DISCLOSURES

Disclosures

All data and Information of material nature referred to within this Quarterly Report with reference to the Byro South Mineralisation Report and the Milly Milly intrusion have previously been reported on the ASX platform in compliance with the relevant JORC compliance reporting format at the time of data acquisition.

Announcements

*02/02/2012 Byro Nickel Copper Project
06/10/2012 High Grade Fe Results at Byro East
25/10/2014 Milly Milly Intrusion Detailed Gravity Survey
12/09/2014 Milly Milly Nickel Intrusion Gravity Survey Identifies Anomalous Gravity Zones
22/ 03/2021 Byro Base Metal Project (Review Results)*

Cautionary Notes and Forward Looking Statements

This announcement contains certain statements that may constitute “forward looking statements”. Such statements are only predictions and are subject to inherent risks and uncertainties, which could cause actual values, results, performance achievements to differ materially from those expressed, implied or projected in any forward looking statements.

JORC Code Compliance Statement

Some of the information contained in this announcement is historic data that have not been updated to comply with the 2012 JORC Code. The information referred to in the announcement was prepared and first disclosed under the JORC Code 2004 edition. It has not been updated since to comply with the JORC Code 2012 edition on the basis that the information has not materially changed since it was last reported.

Competent Persons Disclosure

Mr Kelly is an employee of Athena Resources and currently holds securities in the company.

Competent Person Statement

The information included in the report was compiled by Mr Liam Kelly, an employee of Athena Resources Limited. Mr Kelly has had over twenty years’ experience as a geologist in mining and exploration and is a Member of the Australasian Institute of Mining and Metallurgy, (306501). Mr Kelly has sufficient relevant experience in the styles of mineralisation and deposit styles under consideration to qualify as a Competent Person as defined in “The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012 Edition)”. The historical information included is compliant with the relevant JORC Code, 2004 Edition, and new information announced post that version of the JORC Code is compliant with the JORC Code 2012 Edition. Mr Kelly consents to the inclusion of the information in the report in the context and format in which it appears

Athena Resources Limited