

12 August 2021

The Company Announcements Office  
Australian Stock Exchange Limited  
4 Floor, 20 Bridge Street  
SYDNEY, NSW 2000



**Athena**  
Resources

ACN 113 758 900

## **BYRO BASE METALS PROJECT**

### **FLTEM SURVEY COMPLETED 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 completion of Geophysical Ground Electromagnetic Surveys at the Company's 100% owned Byro Base Metal Project within its Byro tenements.

GEM Geophysics have completed a High-Powered Moving Loop Electromagnetic Magnetic, (HP MLTEM) and Fixed Loop (HP FLTEM), surveys using high power ~100-200A, low base frequency, HT SQUID B-field sensor and optimal slingram sensor over 6 identified target areas.

Data acquired from the MLTEM survey at the Milly Milly intrusion covered a total of 12,500-line meters with 140 stations over 3 target areas.

Data acquired from the Moonborough intrusion MLTEM and FLTEM surveys was for a total 13,000-line meters with 144 stations over 3 target areas.

All the MLTEM and FLTEM data from the Milly Milly and Moonborough surveys has been received by Southern Geoscience Consultants. Data modelling and interpretation is underway and will incorporate correlation with existing downhole electromagnetic data and gravity data.

It is anticipated completion of modelling and target generation over the six target areas will take 7 to 10 days.

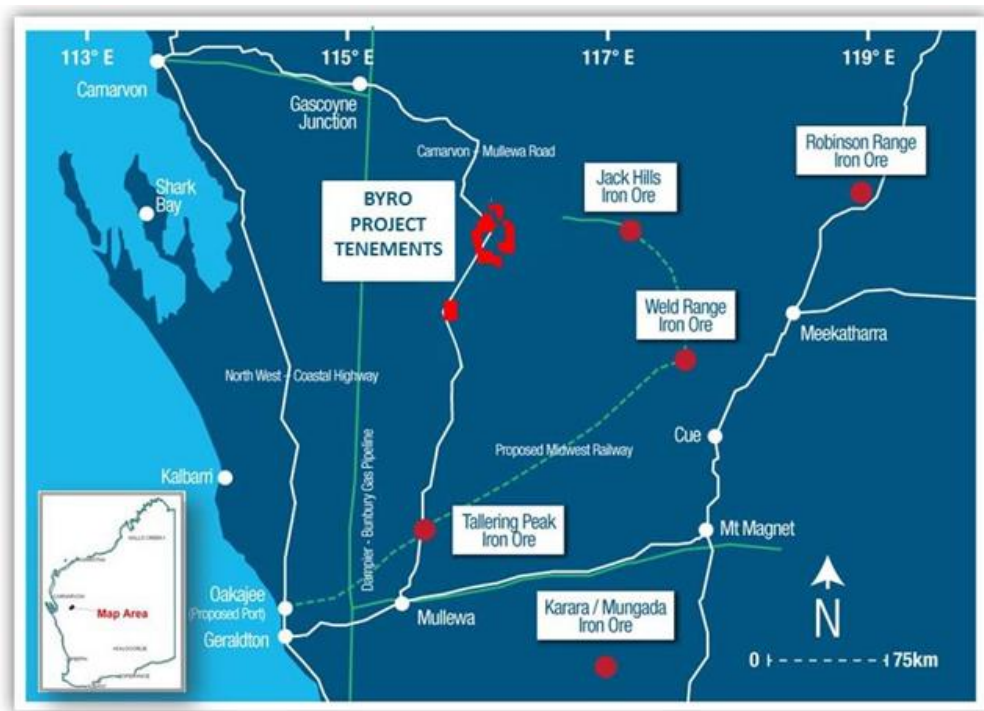
**Athena Resources Limited**



## ABOUT ATHENA RESOURCES LIMITED

Athena Resources Limited (ASX:AHN), which is based in Perth was listed on the ASX in 2006 and currently has 544 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



This announcement was authorised by the Board.

Yours faithfully

E W Edwards  
Executive Director

**Athena Resources Limited**



## INTERESTS IN MINING TENEMENTS

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

## CAUTIONARY NOTES AND DISCLOSURES

### **Disclosures**

*All data and Information of material nature referred to within this Report with reference to the Milly Milly and Moonborough intrusions 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*

*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.*

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### **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**