

6 July 2020

**ASX Market Announcements** 

## PRELIMINARY DRILLING LOGISTICS AND SOIL SAMPLING COMPLETED IN AREAS NEAR BROKEN HILL, NSW

Base Metals and Cobalt Exploration in ELs 8745, 8746 and 8747

Drilling to Test a 1.5 km Cobalt Gold and Base Metal Exploration Target in EL 8747

Ausmon Resources Limited ("Company") is pleased to announce that the field exploration work, announced on 15 June 2020, at ELs 8745, 8746 and 8747 (**Figure 1**) near Broken Hill NSW has been completed.

To test an indicative 1.5 km cobalt, gold and base metals target within EL 8747, 10 sites have been confirmed for RC drill holes (SVRC001 to SVRC010). The drilling will test the PI2 pyrite/silica zone at 50 m below the surface and the cobaltiferous orthogneiss at 50 and 100 m below the surface. Application for approval of those sites is being lodged with the Department of Primary Industries with a plan to commence drilling early next month with drilling contractors under selection.

Several areas were selected for soil sampling based on the results of analysis and studies of all available historical data and surficial exploration completed by the Company since the grant of those ELs in May 2018.

286 soil samples within EL 8745 at exploration area Kambarra (KAS 090 to KAS375) and 44 soil samples within EL 8747 at exploration area Stirling Vale (SVS192 to 235) have been collected. In addition, 19 rock samples have been collected, 16 from North Kambarra and 3 from Stirling Vale.

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The soil samples were collected along North-South oriented lines with samples collected every 50 m along the lines. The soil samples were sieved to -180 microns and analysed with the Company-owned Olympus Vanta pXRF. Those soils samples are presently stored in paper geochemistry bags at the Company's Broken Hill storage facility. Following a review of the pXRF results, samples will be selected for geochemical multi-element analyses at the ALS laboratory. In addition, 3 samples from core hole DD95STV3 (ASX Announcements: 17/07/2018 and 15/06/2020) have been collected and will be despatched for petrological analyses.

The rock samples have been despatched to ALS laboratory in Orange for gold and multielement geochemical analyses.

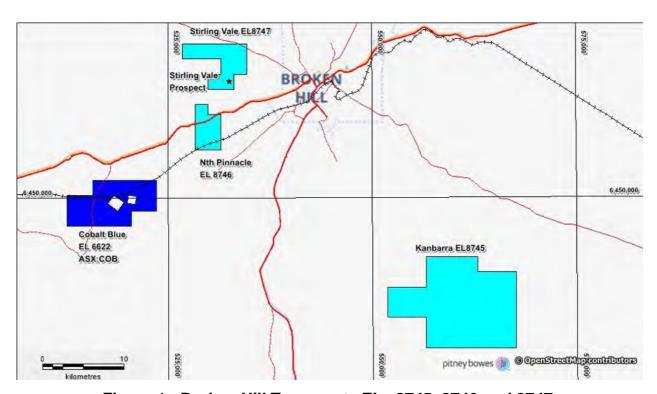


Figure 1 - Broken Hill Tenements ELs 8745, 8746 and 8747 located in western NSW near the City of Broken Hill

## EL 8747 - Stirling Vale

The primary aim of the field work was to establish the drill sites with collar and siter grid pegs and determine access requirements for the RC drilling. A total of 10 drill sites have been established (**Figures 2 and 3**) with 2 targeting the PI2 zone and 8 targeting the garnetiferous zone drill tested by Pasminco, the previous operator, in 1995. The surface trace of all drill holes was geologically mapped in the field and three 3 rock samples of the garnetiferous were collected for gold and multi-element geochemical analyses. In addition, 44 soil samples were collected to the south east of the drill collars in an area comprising amphibolite and

garnet amphibolite. The soil samples were scanned with the Company's pXRF unit. The core hole DD95STV3 was re-examined at the Mines Department Core Facility and 3 core samples have been collected for petrological analyses. An announcement will be made when all geochemical results have been finalized.

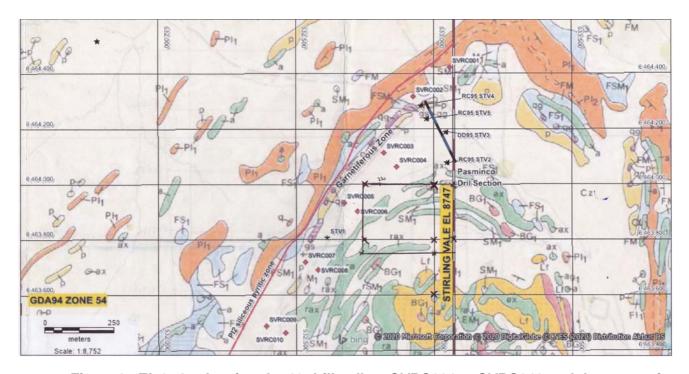


Figure 2 - EL 8747 showing the 10 drill collars SVRC001 to SVRC010 and the areas of soil sampling as a box adjacent to the eastern margin of the tenement.





Figure 3 - EL 8747 drill sites SVRC003 and SVRC001

## EL 8745

This licence is located 30 km south east of Broken Hill with more extensive recent cover than the other Broken Hill licences. **Figure 4** shows the mapped regolith geology. Erosional/outcrop areas are primarily confined to the NE of the tenement. The thickness of cover sediments is generally <2 m at Long Tank (KA3) and Sampson's Dam (KA2) and can be up to 40 m thick at Nth Kambarra (KA3).

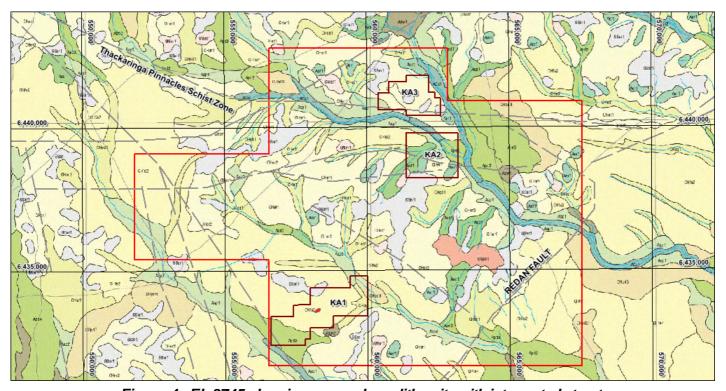


Figure 4 - EL 8745 showing mapped regolith units with interpreted structures

Grid base soil sampling was completed at all three prospects with 286 samples collected as 50 m intervals along north-south soil lines. The target at KA1 is a small gossanous zone shown in **Figure 4** as a small red polygon to the SW of the KA1 label. KA2 comprises sub crop of psammite, pelite which are locally garnetiferous. In addition, local float comprising gossanous metasediment and quartz was located. The outcrop expression at KA3 comprises strike extensive banded pyritic chert and pelitic metasediments. In addition to the soil sampling at KA3, 16 rock samples of the pyritic banded chert were collected for gold and multi-element geochemical analyses.

## EL 8746

A single day field trip was conducted in the southern half of the tenement as a follow up to the initial exploration completed in the north of the tenement in 2019 (ASX Announcement: 16/05/2019). Outcrop and subcrop was extensive with local thin transported cover to <2 m. The geology comprised quartzo feldspathic gneiss, pelites and pegmatite. No significant alteration, veining or mineralisation was noted.

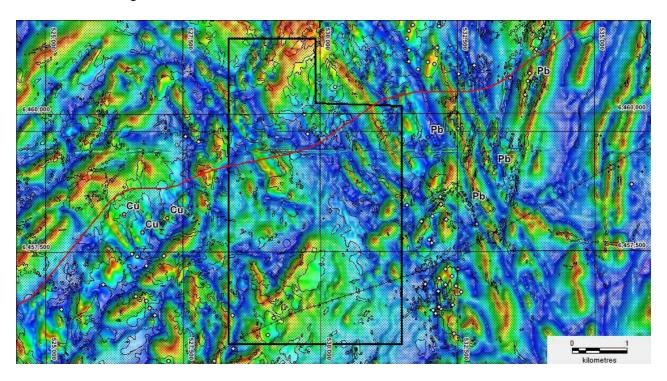


Figure 5 - EL 8746 showing areas of recent cover sediments overlaid on aeromagnetics

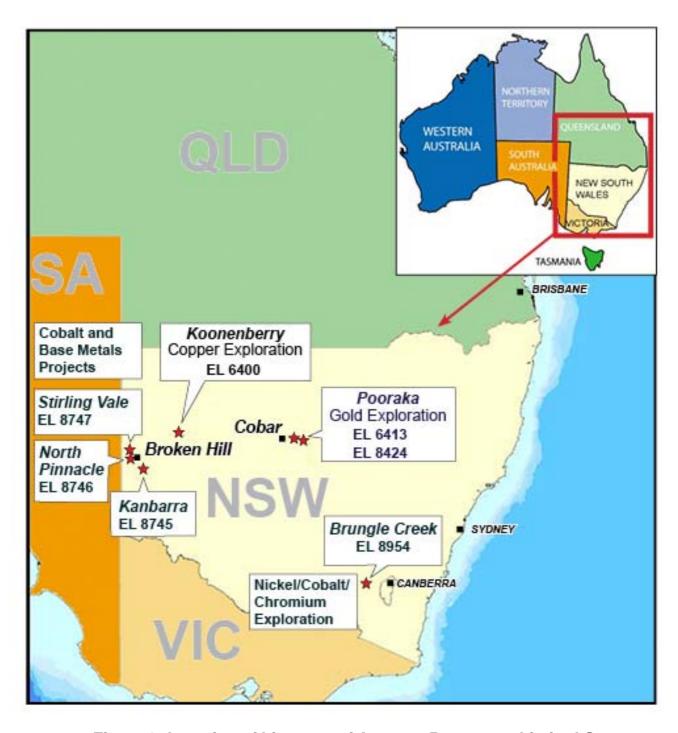


Figure 6: Location of Licences of Ausmon Resources Limited Group

**Competent Person Statement** 

The information in the report above that relates to Exploration Results, Exploration Targets and

Mineral Resources is based on information compiled by Mr Mark Derriman, who is the

Company's Consultant Geologist and a member of The Australian Institute of Geoscientists

(1566).

Mr Mark Derriman has sufficient experience that is relevant to the style of mineralization and

type of deposit under consideration and to the activities which he is undertaking to qualify as a

Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of

Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves.

Mr Mark Derriman consents to the inclusion in this report of matters based on his information in

the form and context in which it appears.

Forward-Looking Statement

This document may include forward-looking statements. Forward-looking statements include,

but are not limited to, statements concerning planned exploration program and other

statements that are not historical facts. When used in this document, the words such as

"could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar

expressions are forward-looking statements. Although Ausmon Resources Limited believes that

its expectations reflected in these forward-looking statements are reasonable, such statements

involve risks and uncertainties and no assurance can be given that actual results will be

consistent with these forward-looking statements.

Authorised by:

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