

8 April 2019

**ASX Market Announcements** 

## BROKEN HILL COBALT-ZINC PROJECT SITE EXPLORATION COMMENCES AT ELs 8745 AND 8746

Ausmon Resources Limited ("Company") is pleased to advise that field exploration work commences at ELs 8745 and 8746 today. The site work follows from the results of analysis and studies of all available historical data that have been completed since the grant of those ELs in May 2018.

The initial field exploration will comprise a series of orientation soil traverses at Nth Kambarra, Sampsons' and Long Tanks in EL 8745 and Nth Pinnacle in EL 8746 (Figure 1). The soil samples will be collected along Nth-Sth oriented lines at 50m intervals across historical targets, some of which have had shallow drill testing.

The samples will be freighted to Lab West in Perth to have the clay fraction (<2 microns) analysed for a suite of multi elements in addition to a spectral analysis of selected samples to determine the mineralogy of the samples.

The clay fraction in soils in often representative of bedrock lithologies rather than coarser depositional silts and sands which have been transported to the location by wind/water and make up most of the sample. Regolith information will also be recorded at each sample site. In addition, the clay fraction will also be analysed for its "spectral mineralogy" to gain an insight into the make of the bedrock lithologies and any possible alteration of the primary mineralogy.

A Delta Premium pXRF will be used to collect element readings along more broader sample traverses across the tenements.





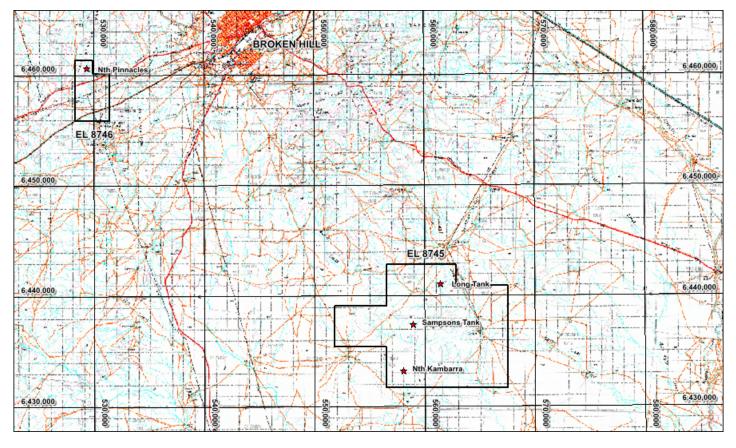


Figure 1 - Broken Hill Tenements ELs 8745 and 8746 located in western NSW near the City of Broken Hill

## EL 8745

This licence is located 30 km south east of Broken Hill with more extensive recent cover than the other Broken Hill licence. Figure 2 shows the extent of outcropping geology as coloured polygons and areas where the cover sediments are generally <2 m in thickness. In other areas the thickness of cover sediment can be in excess of 50 m. A broad structural interpretation of the aeromagnetics has been completed and target areas based on a combination of known structures and likely thin depositional cover.





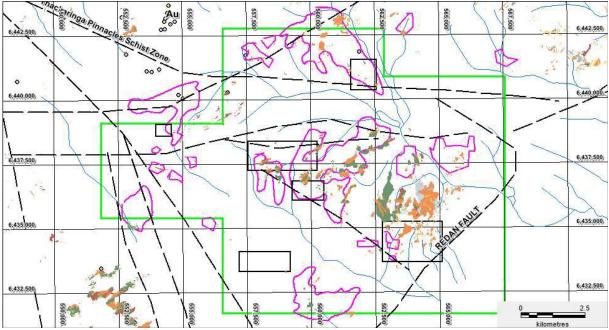


Figure 2 - EL 8745 showing areas of outcropping geology and recent cover sediments with aeromagnetic structures and target areas (boxes)

## EL 8746

This tenement is located south west of Broken Hill and as is shown in Figure 3 comprises in excess of 60% transported cover sediments which will reduce the effectiveness of surficial geochemical exploration of which there has been very little. Figure 4 shows an aeromagnetic image with the transported cover sediments overlain and shown in a faint hatching. The known mineral occurrences (Cu and Pb) adjacent to EL 8746 are also shown and in many instances are associated with linear magnetic highs (Figure 4). As can be seen on Figure 4 many linear magnetic features are hidden by recent cover sediments. Before any further surficial geochemical sampling is contemplated a program of regolith mapping will be completed and in certain cases shallow (<10m) interface drilling will be used to get a geochemical signature of the cover's geological units.





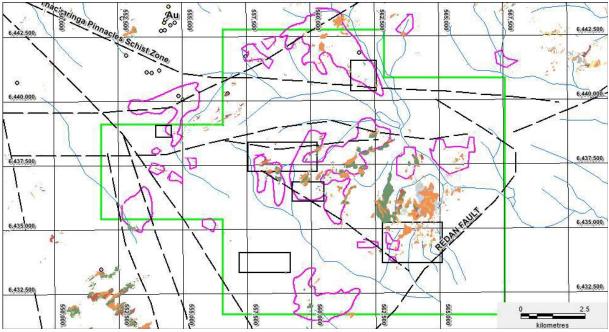


Figure 3 - EL 8746 showing areas if outcropping geology and recent cover sediments

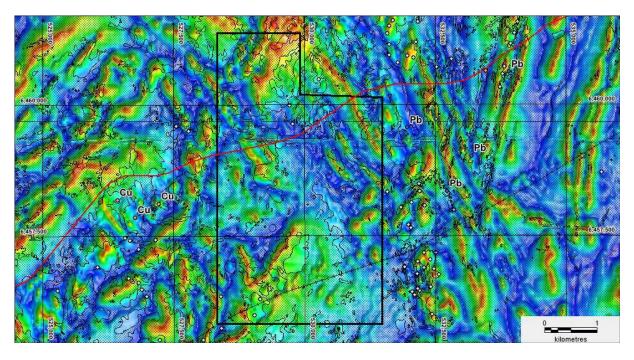


Figure 4 - EL 8746 showing areas of recent cover sediments overlaid on aeromagnetics





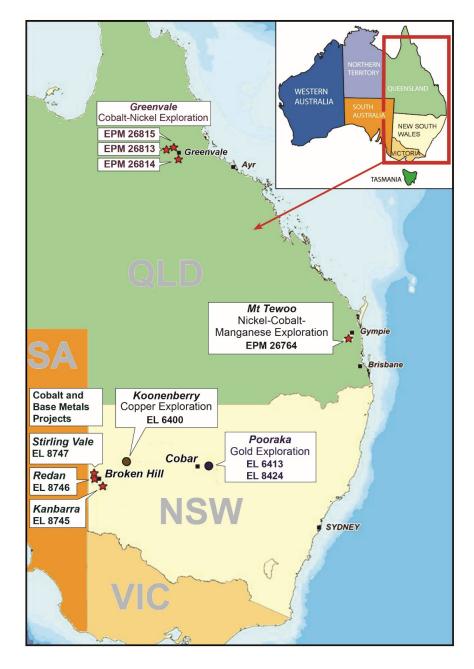


Figure 5 - Location of Licences of Ausmon Resources Limited

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