

POLYMETALLICA

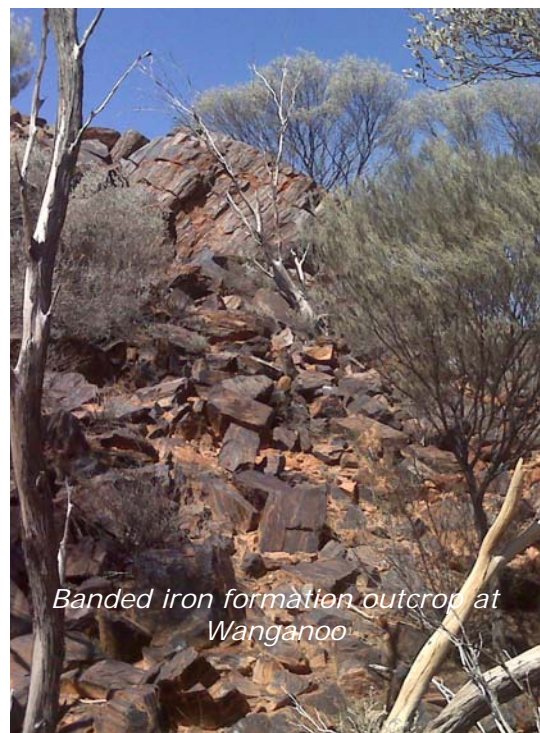
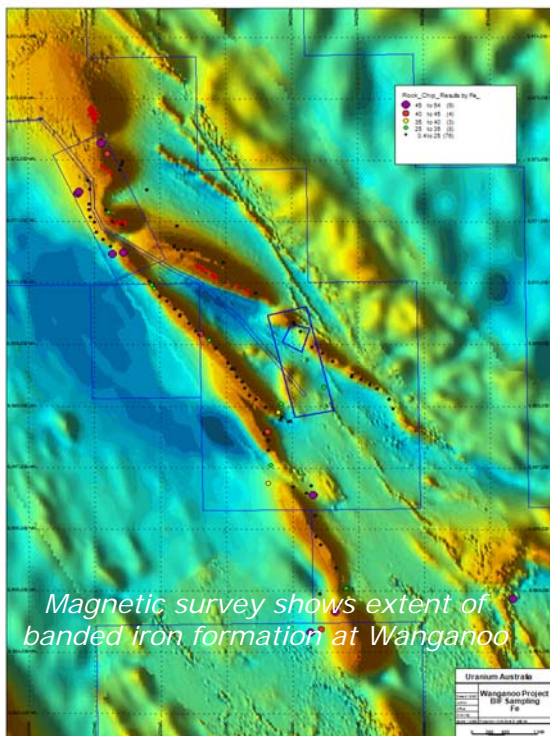
M I N E R A L S L I M I T E D

Wanganoo covers 140 square kilometres and is located in the Eastern Goldfields within the Archaean Yilgarn Craton. The project is part of the Wanganoo greenstone belt, northwest trending greenstone terrain that extends from Banjiwarn Station in the south to the Gunbarrel Highway in the north. The greenstone stratigraphy is folded about a broad anticlinal axis that passes through the centre of the Wanganoo tenements striking north northwest and which contains the main iron ore, nickel and platinum prospects. Metamorphic grade varies from amphibolite facies along the margins of the belt to Upper Greenschist facies toward the centre (see next page for local geology map)

Within the project area, a northwest to north northwest trending open antiform contains a core of deeply weathered felsic volcanogenic rock units, consisting of subaqueous flows and sediments. Synvolcanic and late-stage granitoid stocks and porphyry bodies locally intrude the felsic sequence.

The boundary between the felsic/metasedimentary sequence and the overlying mafic package is marked by a BIF unit which forms distinct ridges over a strike length of over 20km grading up to 65% Fe in rock chip samples. Ultramafic rocks, meta-komatiites and tholeiitic metabasalt are host to nickel prospects grading greater than 3% Ni in shallow drill intercepts.

The uppermost section of the greenstone package consists of a thick sequence of tholeiitic and high magnesium basalts, narrow dolerite or porphyry bodies and thin pelitic metasediments. East-west Proterozoic dolerite dykes, late stage porphyries and granitoids intrude the Archaean basement. A series of mapped and interpreted strike-parallel and northeast to near east-west trending oblique shears transect the greenstone package.



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