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SHIELD MINING REPORTS ANOMALIES FROM AERIAL COPPER-GOLD

FOCUSED GRAVITY SURVEY ON AKJOUJT PERMIT IN MAURITANIA

Shield Mining Limited (ASX: SHX) is pleased to report a number of gravity anomalies from the recent copper and gold focused aerial gravity survey over its 100%-owned Akjoujt licence area (EL448) in Mauritania.

The Akjoujt tenement covers 749km² and is 37km due east of the Guelb Moghreïn Copper/Gold mine owned by First Quantum Minerals Ltd (FQML) and which produces 35,000 tonnes of copper and 100,000 ounces of gold per annum.

A number of residual gravity anomalies were field checked and abundant Fe carbonate alteration with some magnetite was noted at four of the sites. Fe carbonate and magnetite alteration is an attribute of the IOCG mineralisation at the nearby First Quantum projects of Guelb Moghreïn and El Joul.

One anomaly is along structural and stratigraphic strike from these two deposits (the “Serpentine” structure), and another is along strike from Shield’s Tabrinkout Cu-Au prospect in the north of Permit 448.

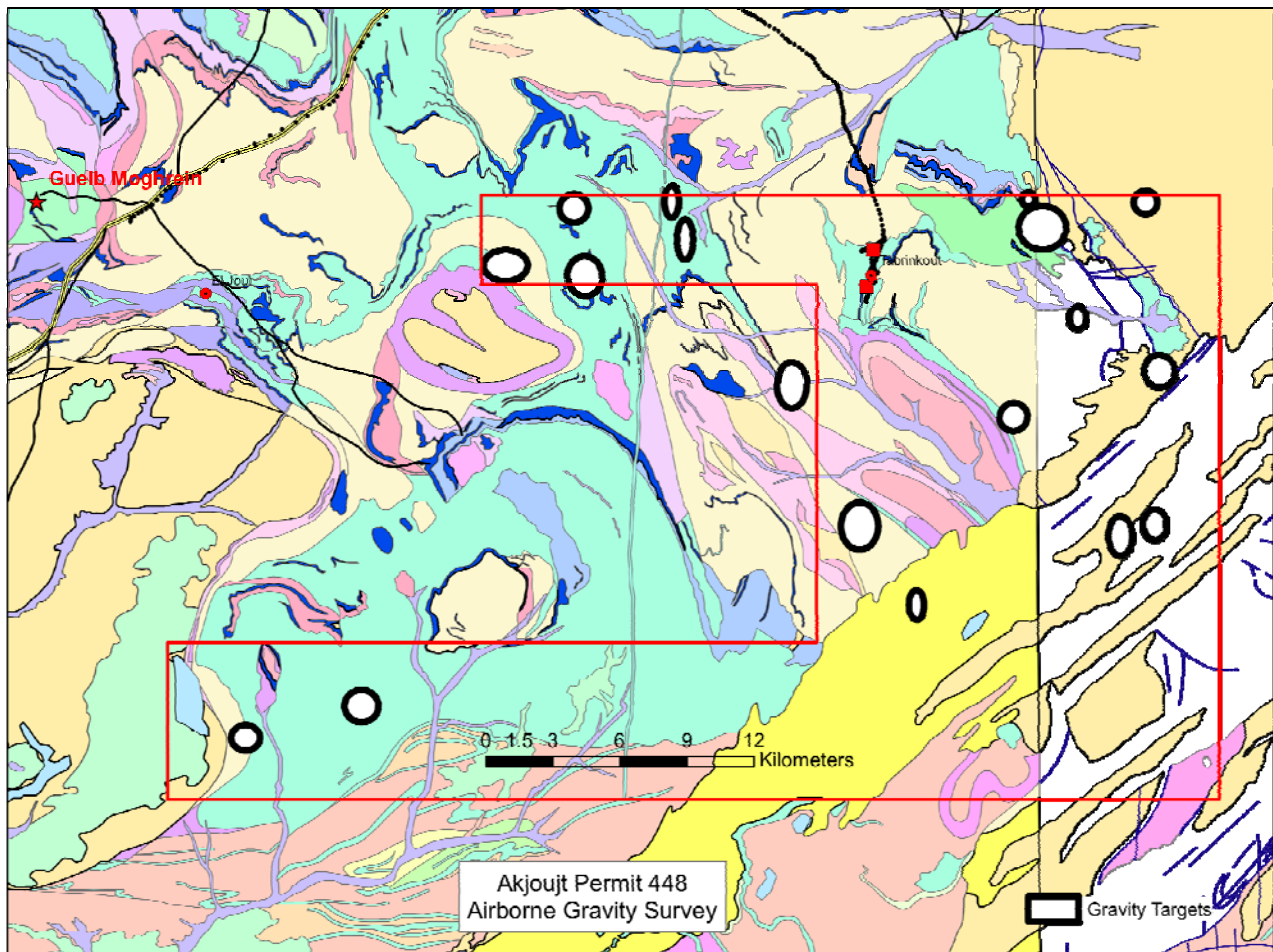
These anomalies together with several other targets will be followed up with field programmes comprising mapping, soil sampling, ground magnetic and gravity in the latter half of 2010.

“These results are very encouraging giving us various prospective geological targets with carbonate alteration.” Shield’s Chief Executive Officer, Mr David Netherway, said today.

“The survey has also highlighted the opportunity for further investigations at additional sites.”

The airborne gravity survey over Akjoujt was undertaken in January to February 2010 by BellGeo Enterprises, targeting both copper and gold mineralisation. The data has been interpreted by geophysical consultants, Southern Geoscience of Perth.

The locations of the anomalies are shown overleaf.



The information in this Report that relates to exploration results is based on information compiled by Mr Phil Fillis who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Fillis is a geologist consulting to the company, with over 30 years experience as a geologist. Mr Fillis has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Fillis consents to the inclusion in the report of the matters based on his information in the form and context in which it is used.

Shield Mining Limited (ASX: SHX) is an Africa-focused gold and base metals explorer listed on the Australian Securities Exchange. Shield is active in Mauritania where it holds 100% of 2 and 60% of 2 exploration licences, covering a total area of 2,429km².

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