

ASX AND MEDIA ANNOUNCEMENT

19 October 2020

MINREX TO COMMENCE ON-GROUND GEOPHYSICAL WORK AT DEFLECTOR EXTENDED PROJECT

HIGHLIGHTS

- MinRex to commence high-resolution ground magnetic survey over parts of the Deflector Extended Project area at Gullewa to extend existing open-file magnetic data over entire tenement area and cover the prospective north-eastern corner of the project (including Eastern Dolerite prospect)
- An inaugural induced polarisation (IP) geophysical survey will also commence at the Deflector Extended Project to test for anomalism to the north of the Golden Stream trend and in the Corner Creek area

MinRex Resources Limited (ASX: MRR) (**'MinRex'** or **'Company'**) is pleased to announce that it will commence ground magnetic and IP geophysical work at its 100% owned Deflector Extended Project.

The Deflector Extended Project lies 4km, along strike, to the northeast of the Silver Lake Resources Limited (ASX:SLR) Deflector Mine where copper-gold occurs as high-grade lode mineralisation, associated with abundant disseminated to massive sulphide mineral bearing veins, in shear zones of meta-basalt.

Following the recent review and reprocessing of open-file high-resolution aeromagnetic, EM and other surveys on the Deflector Extended Project (refer to MinRex's ASX Announcement dated 22 September 2020), MinRex is now progressing with new ground-based detailed geophysical surveys using IP and extending the coverage of high-resolution magnetic surveys to further define structures that may be controlling gold mineralisation in the project area.

MinRex's September geophysics work defined a number of north-south to north north-east trending structures and magnetic responses that correlate to anomalous geochemistry along strike to the Golden Stream trend and at the Corner Creek and Eastern Dolerite prospects (see Figure 1).

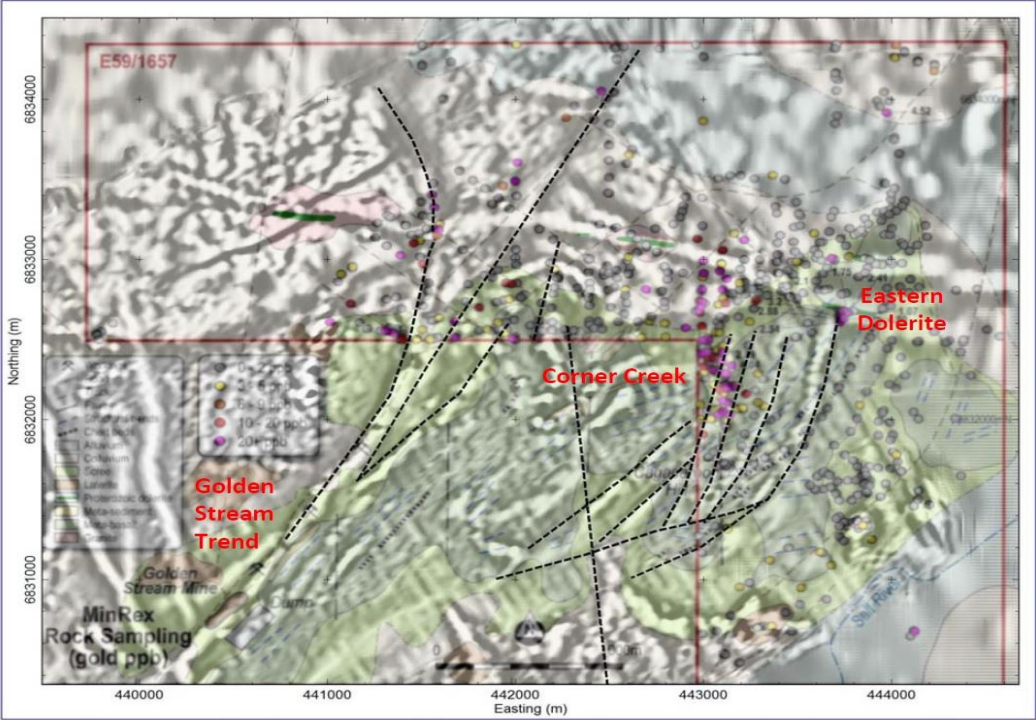


Figure 1: September 2020 geophysical interpretation showing defined anomalous areas

MinRex will complete a detailed ground magnetic survey will cover the areas of the project area not currently covered by close spaced magnetic data, comprising 50m spaced lines orientated at 090° for an estimated total of 160 line kilometres. The area to be covered is highlighted in red in Figure 2. It is expected that the more detailed magnetic data to be generated by this new ground survey will better define the subsurface geology and extend the structural interpretation further into the prospective north-eastern quadrant of the tenement.

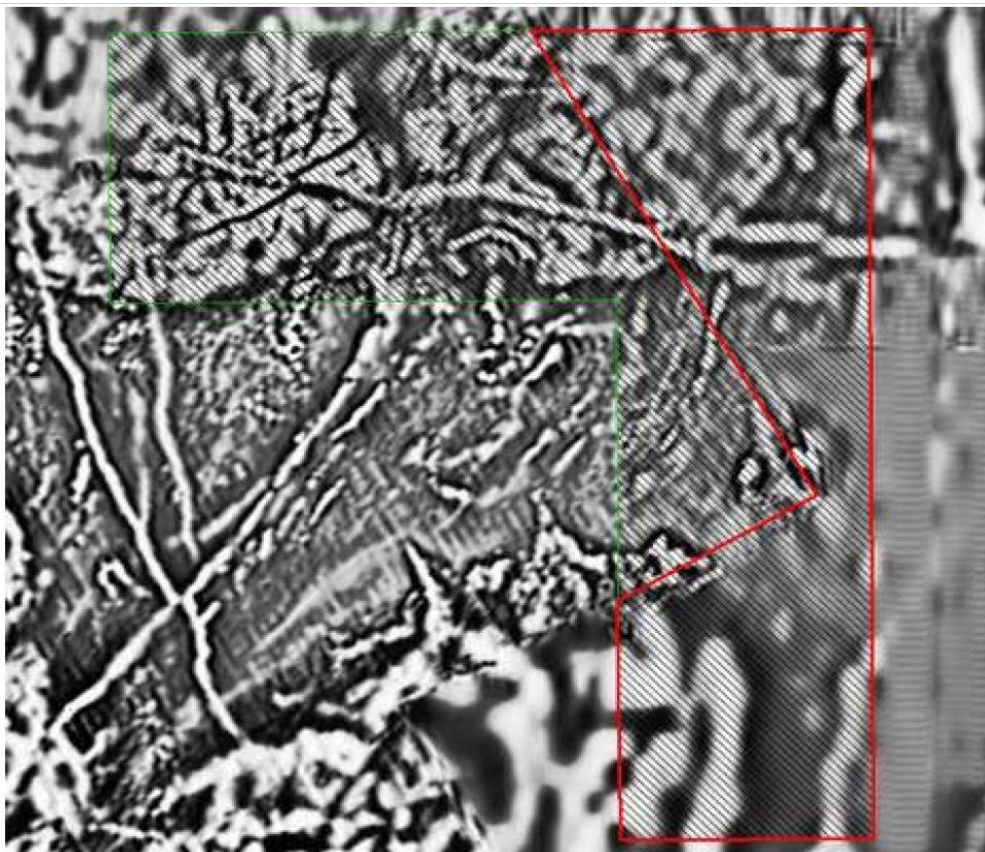


Figure 2: Area to be covered by ground magnetic survey at Deflector Extended (in red)

MinRex's recent geophysics work at Deflector Extended also showed several strike extensive conductors, likely to represent shear zones and sediment/shale horizons. Considered of particular interest were anomalies at Corner Creek, an extension to the Golden Stream trend and the Northern UM prospect (see Figure 3). The planned ground IP survey now aims to run test lines across these three anomalous conductive areas, which may indicate sites of sulphide enrichment, sediments or shear zones. The area to be tested includes the Corner Creek area, where surface samples of up to 4.04g/t Au have been returned by previous rock sampling. The planned IP lines are shown in Figure 4.

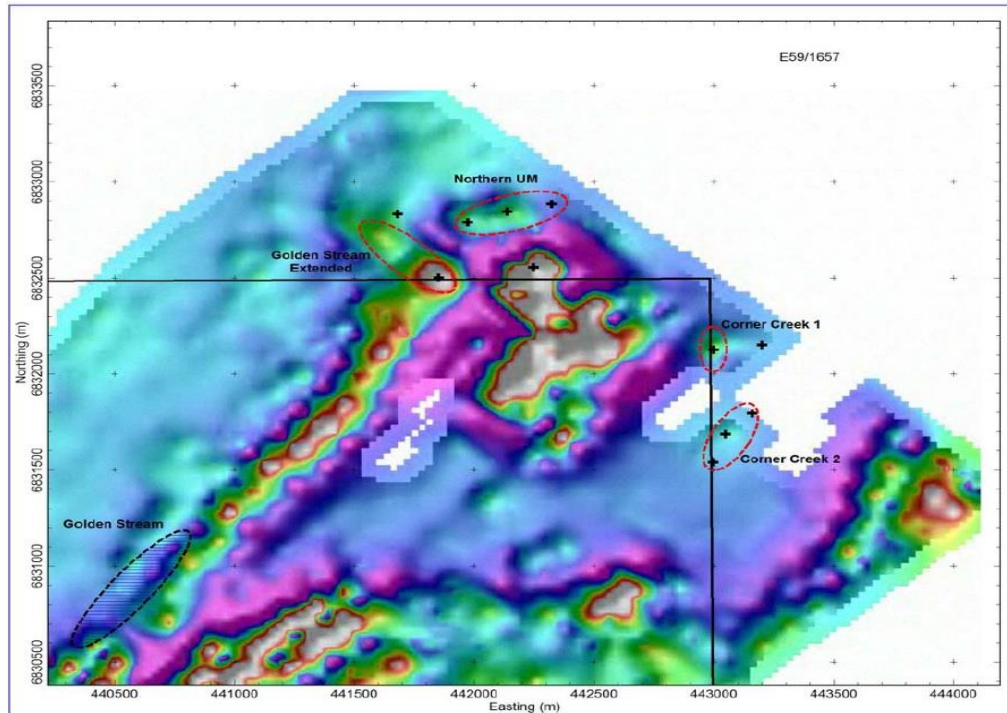


Figure 3: September 2020 geophysical interpretation showing anomalous conductive areas

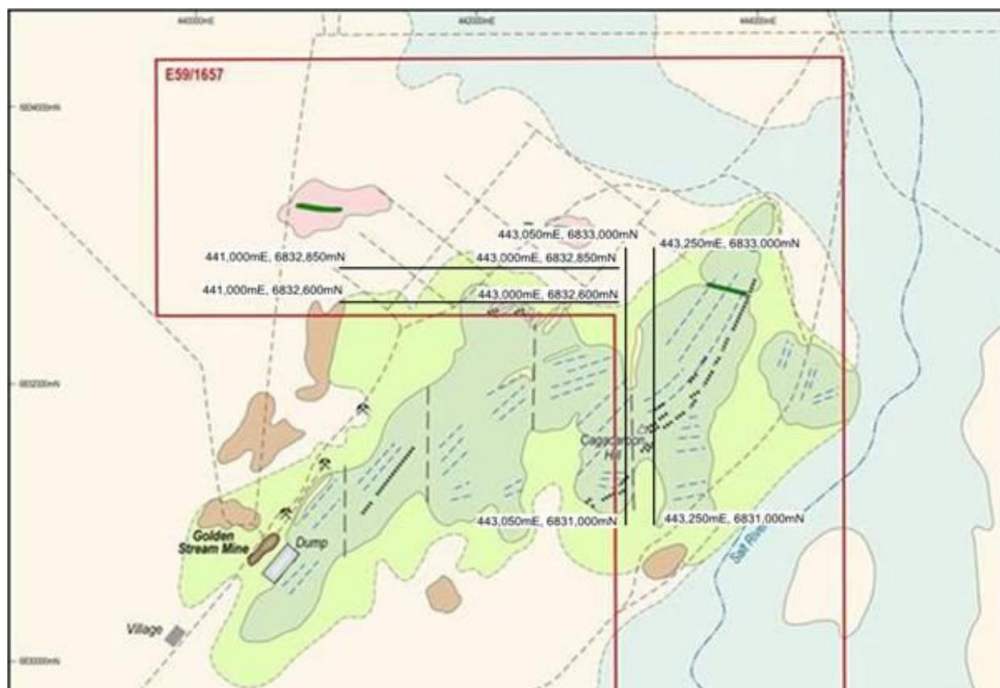


Figure 4: Lines planned to be tested by ground IP survey at Deflector Extended

These work programs are expected to be completed during November and December 2020. The results of these two programs will be used to guide further exploration programs at the Deflector Extended Project.

This ASX announcement has been authorised for release by the Board of MinRex Resources Limited.

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Competent Persons Statement:

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Kieron Munro, a Competent Person who is a Member of the Australian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Munro is employed as an independent geological consultant by MinRex and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.