

11. METALLURGY

Metallurgical reports are contained in Volume 2.

12. REGIONAL EXPLORATION

H. Brooks Grid

This grid was laid in to cover airborne magnetic anomaly number 12 in the south-west corner of the Exploration Licence. Lines were cut 120 metres apart, and, in anomalous areas, 60 metres apart. A ground magnetic survey, using a Geometrics G-816 Magnetometer, was conducted over these lines. Readings were taken every 10 metres on each line. Geochemical hand auger samples were taken every 40 metres on the 120 metre spaced cross lines.

Geological logging of the hand auger samples indicates that the contact zone between the Adelaidean and Cambrian rocks extends for about 750 metres before being obscured by Tertiary basalt to the east. The Adelaidean consists of grey to black siltstones and micaceous quartzites. The Cambrian contains grey, green and pink greywackes, tuffs, siltstones, mudstones and minor chert. Except for the Tertiary basalt, outcrop is rare, being confined to gullies and road cuttings. The regional strike of the country is grid east-west, and the dips are to the south.