

6. AGNEW GRID - ANOMALY 1, EL 11/76

Following reconnaissance soil geochemistry and a gradient array survey in the 1980-81 season, Anomaly 1. was selected as the most promising of twelve anomalous areas on the Agnew Grid. Anomaly 1. is 600m north-east of the Sweeneys Sn-basemetal deposit, and is located within the mapped 'Red Granite' on the southern slopes of the Heemskirk Granite 1.5km north of the granite boundary.

6.1. Work Completed

6.1.1. Access

Anomaly 1. is located within dense rainforest on a steeply sloping hillside. To facilitate access and a more accurate geological understanding of the area (by exposing fresh outcrop), a track was cut by bulldozer from the Trial Harbour Zeehan road to the area around 600E/900N. The track remains accessible to bulldozer and pedestrian traffic only.

Infill gridlines were cut at 550E, 650E, 725E, 750E to permit detailing of the anomalous area. (plan 10).

6.1.2. Geology

An interpretive geological map has been compiled, based on field mapping and soil sample descriptions. (plan 10)

6.1.3. Geochemistry

Soil samples were collected from the 'B'-horizon on lines 550E, 650E, 725E and 750E at 30m intervals.