

A suite of magnetite-bearing granites and breccias, in all 49 samples, were analysed by Amdel for Sn, W (XRF), Au (C3/3), U (J3/1) and Ba, Be, Ce, Co, Cr, La, Mn, Mo, Nb, Ni, Sc, Sr, Ta, Th, Ti, U, W, Y, Yb, Zn (Spec. 1) and Ag, As, Bi, Cd, Cu, Ca, Ce, In, Pb, Sb, Sn, Zn (Spec. 2).

Five samples had greater than 100 ppm Sn with the highest value 240 ppm Sn and seven samples had greater than 40 ppm W with the highest values 55 ppm. The other samples had generally less than 20 ppm Sn and 20 ppm W. One sample had 0.42 ppm Au with other samples less than 0.05 ppm Au and one sample had 16 ppm U compared with an average of 4 ppm for the other samples.

One sample had 20 ppm Ag, greater than 1% Pb and 6000 ppm Zn.

Results of soil sampling over the grid (Cu, Pb, Zn, Bi, Ag, Mo - AAS; Sn, W, U - XRF, Comlabs) indicated one slightly anomalous result at 1600 E/ 2460 N of 75 ppm Pb, 65 ppm Zn (Refer to plan D/MZ01/121, 122).

Stream sediment sampling in the immediately adjacent area (Au, Cu, Pb, Zn, Bi, Ag, Mo - AAS; Sn, W, U - XRF, Comlabs) did not give anomalous results (Refer to plans D/MZ01/108, 123, 124, 127, 128).

#### Liena (4339/2) Aeromagnetic Anomaly

The anomaly is located approximately 2.8 km south of Liena on the east side of the Mersey River.

Two grid lines at right angles, one north-south (880 m) and one east-west (1200 m) were cut over the anomaly. An additional east-west line was cut as a followup line on anomalous Pb soil samples.

The aeromagnetic anomaly is centred over a basalt covered hill surrounded by lower relief Gordon Limestone. Thin section description of the basalts (Appendix 5, Report No. Shell 23/80, A.G. Whittle & Associates) indicates they are breccias possibly