

zones between 6600E and 6920E, were re-analysed. Additional samples were augered on line 8221N in positions adjacent to the previous anomalous sample sites.

Chemical analyses are tabulated in Appendix VII and sample locations on lines 8000N, 8100N, 8221N and 8300N shown on DRG No. K555-41.

**Results.** Results confirm that the general area is a high background one for a number of elements including Zn and Pb. Samples highly anomalous in Cu-Pb-Zn-Ni occur on all lines. Fewer, anomalous in Au, also occur. In particular, two zones contain especially high Cu-Zn-Pb values and these occur in the vicinity of 6900E and 6600E. Weak but anomalous Sn values are present in some places.

Values range up to 2000 ppm Cu, 6500 ppm Zn, 9500 ppm Pb, 1200 ppm Ni, 730 ppm Co. Ag values in most soil samples appear subdued and results are low in some sub-samples which previously reported up to 16 ppm Ag, i.e. line 8221N in the vicinity of 6900E (see Macnamara, 1981v, Table 1).

Anomalous gold values up to 0.15 ppm occur in the vicinity of the 8221N/6900E zone.

Currently all soil sampling data. VLF-EM and ground magnetic data are being computerised. Multivariate analysis of the data will be required prior to interpretation and final report preparation in order to delineate the geochemical anomalies and select possible drilling sites. This work is in hand.

#### 6.3.4 Drainage Sampling

**General.** Reconnaissance drainage and heavy mineral sampling of the more accessible streams within the Licence has outlined several areas for further