

(e) Significant results from this sampling

Most useful analytical information from this area is from drill core so only a few comments are necessary. Gove's sampling, Appendix 9, shows that high F (3.6%) occurs in limestone. Such high values have never been repeated in drill core, so it is likely that samples MO1 and perhaps MO8 have been interchanged in error by the laboratory.

The highest Sn value in the sampled wrigglites occurs in the western costean; Sn reaches 0.97%, but values as high as this do not occur elsewhere except in ML1 in mostly altered skarns. Normally Sn content of wrigglite does not exceed 0.3%.

The continuous sample in the crusher cut shows the extent of leaching of fluorite out of completely and highly weathered wrigglite; it contains only 0.4 - 3% F compared to over 7% for fresher wrigglite.

B. SHEETS 2 AND 3, IRIS RIVER AND LEA RIVER AREAS:(a) Sampling

Some samples collected by G. Weste from the Stormont area are in Appendix 10.

Specimens of skarns and calc-silicate rocks collected during geological mapping by R. Poltock were scanned for scheelite by UV lamping and sent for analyses to Amdel. Sn, W, Bi, Be and Au were the main elements sought. Results are in Appendix 14; gold analyses are also shown on plans TAS-77-89 and 92.

Mines Department dozer cuts in the Tea-Tree Creek area (i.e. near DOM 1 and DOM 2), an old Mt. Lyell costean on the Tea-Tree Creek road, the Stormont mine open cut, and Fletcher's adit were sampled as shown on plan TAS-78-137. Selected samples were sent to Amdel for analyses. Results are in Appendix 14.

(b) Results

No significant amounts of scheelite were found by lamping the specimens.

Tin in quantities above 500 ppm occurs at the Tea-Tree Creek locality and in the area west of Fletcher's adit.

Tungsten values are all low except for one sample of 2000 ppm in skarn in the area west of Fletcher's adit.