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laminated siltstone and chert containing barite within dominantly Permian mudstones and overlain by Jurassic dolerite.

4 samples taken from the Mole Creek area (southwest corner) from streams draining an area of Ordovician sediments (quartzite, conglomerate, siltstone and limestone) and Cambrian sediments and volcanics (phylite, slate, sandstone, acid volcanics). These will be discussed in the Forth sheet.

(a) East of the Tamar (part of the Northeast Tasmania section).

The only samples from this area to show any anomalous values were A119407 and 408 panned concentrates with 0.18 and 0.11 ppm Au respectively. These values probably reflect the effects of the Lefroy goldfield in their headwaters. A ferruginous gravel W anomaly of 1050ppm (A119421) has not been explained. No W anomaly occurred in either the panned concentrate or stream sediment samples.

No further work is required in this area.

(b) The Port Sorell area.

A small area of barite in a Cambrian sequence was sampled due to occurrence elsewhere of gold in barite rich associations.

The only anomaly shown for this area was in a stream sediment sample (A183752) with 0.35ppm Hg.