

- 13 -

The area sampled contains mainly mudstones of the Mathinna Beds intruded by the Picaninny Point granite of the St. Mary's Batholith. These drainages also contain Permian sediments capped by Jurassic dolerite.

Neither drainage contained any stream sediment, panned concentrate or bulk gold anomaly. However, the A119580 ferruginous gravel showed 1200ppm W, 110ppm Cu and 110ppm Zn. The W value must have been a laboratory problem (see also A119421 on the Tamar sheet) with no confirmation in the stream sediment or panned concentrate samples.

No further work is required in this area.

(vii) St Pauls 1:100,000 sheet
23 sample sets taken.

The area sampled covers the southern end of the Mathinna Beds where they have been intruded by the Storey's Creek/Rossarden (Sn/W) and Royal George (Sn/W) portions of the Ben Lomond granite. The entire area is overlain by Permian sediments (containing coal seams) intruded (now capped) by Jurassic dolerite. The Mangana gold area was not sampled.

The most obvious anomalous samples are A119561 from Aberfoyle Creek and A119562 from Ormley Creek which showed significant anomalies in all sample types.

A119561 showed the following anomalous values:

- stream sediment 4.7% Sn, 4250ppm W, 160ppm As, 450ppm Cu, 100ppm Pb, 970ppm Zn, 48ppm Bi.