

ST. HELENS ANOMALIES (2)

18/4/84

2 Single sample anomalies occur in the St. Helens area of the licence - NE portion.

a) s/s 10893 Site

Location On Boggy Creek 2km SE of St. Helens adjacent to the Tasman Highway.

Anomaly Single sample anomaly 10893-115ppm Sn, 70ppm  $WO_3$  8ppm Mo  
No associated base metal anomaly.

Follow-up No stream samples. 1 rock/alluvium sample. 7744

Tin Rounded fine grained ruby tin associated with quartz sandy alluvium ontop (?) of Mathinna gravels.

Geology No outcrop - all alluvial cover. Several stages of alluvial build up. On road cut on Tasman Highway banded conglomerate plus siltstone alluvium of tertiary age. Panned but doesnot contain tin - stream flow approximately N to S - clasts of Mathinna sediment plus weathered granite. Quaternary alluvium (?) (younger) occurs in present day drainage incised into the tertiary gravels - some 10 to 20m here. Granite derived containing ruby tin.  
Recent alluvial buildup - Mathinna Beds.

Anomaly Cause

Tin-bearing sandy alluvium of Quaternary age causes anomaly.

b) s/s 10967 Site

Location S of the Medeas Cove Road on Argus Creek 2km WSW of St. Helens.

Anomaly Single sample anomaly. 10967 - 155ppm Sn, 30ppm  $WO_3$ , 4ppm Mo. No associated base metal anomaly.

Follow-up 1 stream sediment sample 7643  
3 alluvial/rock chip samples 7745 to 7747