

BARK CREEK ANOMALY (1)

10/7/84

Location Sample 11038 located on a westerly flowing tributary of Bark Creek - Close to the Avenue River/Bark Creek junction.

Anomaly 1 anomalous sample. 11038 50ppm Sn.

Follow-up 4 repeat stream samples (7842-7845)
1 rock chip alluvium sample 7781

Geology Tightly folded Mathinna Bed sediments. Siltstones/shales plus sandstones - well bedded. Shales cleared - sandstones silicified to quartzites - qtz veins.
004 57° E cleavage steeper than bedding Minor Fe staining.

Tin 3 grains of Cassiterite (ruby tin) seen in the 7842 s/s repeat sample.
V rounded small grains. Look very alluvial.

Float Float in the main creek included - Permian sandstones and minor dolerite.

Anomaly Cause

Not really obvious - but rounded cassiterite grains suggest an alluvial source.

No obvious source in the Mathinna Beds.
0.5m alluvium occurs in the area.