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TABLE 4

ALLUVIAL HISTORY OF THE SCAMANDER/ST. HELENS AREA

RECENT (Sn)

Generally confined to present day drainage channels.  
Reworking of Tertiary/Quaternary alluvium.  
Dominantly alluvial in origin.  
Alluvial tin from present day erosion and from re-  
working of Quaternary deposits.

Uplift - minor Erosion.

QUATERNARY (Sn)

Dominantly granite-derived alluvium  
- unroofing of the Devonian Granites  
- upto 5m thick in the Thureau's Lead area - all alluvial  
in origin/minor lacustrine.  
Alluvial cassiterite common.  
Extensively worked in the Thureau Lead area.

Uplift - Erosion - Major Incision

TERTIARY

Alluvial, Marine and Aeolian sediments - upto 80m thick  
in the Thureau's Lead (St. Helens) area.  
Alluvial pockets in the Scamander licence.

Derived from erosion of the Mathinna Beds.  
(Thureau's Lead Tertiary/Quaternary sediments drill-tested  
by the Mines Department).