

- a) Sheeted fracture/vein systems - closely spaced mineralized fractures/veins of the Great Pyramid type,
- b) Greisenized or altered granite - disseminated flat-lying and/or vein style mineralization in granite host rocks (eg. Anchor-style - Bells Hill-style mineralization),
- c) Fault-related - fault-bounded bodies of base metal and tin mineralization of North Scamander-type.

1.4 Exploration History

The numerous tin, copper, tungsten and silver shows in the Scamander Mineral Field attracted many prospectors in the late 1800's and early 1900's. Total metal production from the area has been low with 2.9 tons of tin won from Pyramid Hill, 85 tons of copper from the Orieco Mine and about 10,000 ounces of silver recovered from a number of small deposits. Old workings are common in the district.

The main interest in the relinquished portion of the Scamander Licence are the alluvial deposits which overlie the Mt. Pierson Pluton in the NW of the Licence. This area lies immediately south of Thureaus' lead and has been extensively sluiced for placer cassiterite in Quaternary and Recent sediments. Several 'old time' prospectors hold current mining leases in this district.

Systematic exploration began in 1959 when the Mt. Lyell and EZ Companies flew a portion of the Scamander Licence with aeromagnetics. Subsequent work by EZ, Austminex, Geophoto, BHP, Rio Tinto, Consolidated Goldfields Australia and Scamander Mining is summarized in Table 1.