



REFERENCE

○ Core drill hole (westerly directed)

● Core drill hole (easterly directed)

— Contact - possibly sedimentary

— Fault contact (Q⁺ Queen fault)

— Contact of indeterminate type

— Sedimentary facies

Onion Formation - siliceous sediments

— Montane Volcanics

— Queen Hill beds [bedded pyrite, evaporite feature]

Low grade hydrothermal in metamorphic car-ol grades

High grade J thermal metamorphism

Chert Lode or Tertiary Lode

Locations of peridotite and garnet BGL... this study (UNE collection)

Spinel inclusion sample

Fluid inclusion sample

C-O isotope sample

S isotope sample (CSIRO - 1980 CSIRO sample)

Hydrothermal Mineralogy

constituents (wt% / accessories (1-5%), (wt% (wt% of total rock volume))

ABBREVIATIONS

Non-Silicate	Silicate
As arsenopyrite	St stromatolite
B biotite	Ch chondrocyte
C clinopyroxene	Gn garnet
Cl chlorite	Im iron monosulfide
Co calcite	Mc mercaptane
Ms muscovite	Py pyrite
Ms magnetite	Sp sphalerite
Ph phosphite	St stromatolite
Qtz quartz	Ta talc
Sr stromatolite	Tr tremolite
St stromatolite	Vc vermiculite
Ta talc	
Tr tremolite	
Vc vermiculite	

ZEEHAN TIN DEPOSITS, W TASMANIA

QUEEN HILL DEPOSIT

LONGITUDINAL PROJECTION

(Looking West onto Queen Hill Reference Plane)

Showing Sample Locations and Hydrothermal Mineralogy

Drawn: J.A. Anderson

Traced: G.L. Coyne

Date: Nov. 1987

Scale: 1:1,000

Enclosure 2