

2500N
2400N
2300N
2200N
2100N
2000N
1900N
1800N
1700N
1600N

LEGEND

GEOLOGY

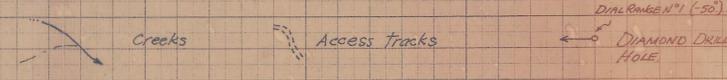
- Tuffaceous Agglomerate - coarsely fragmental with angular rock fragments ranging up to 5 cm, generally rock types as fragments include chert, tuffite, acid lavas, tuffis and sediments. Commonly set in siliceous to siliceous matrix. Varyably gossanous. Some units barren. Limonitic casts and pores spots reflect original sulphide content 1-10 vol%. Sulphides occur as small lenses and pods, fragments, narrow veins and stringers, blebs and fine disseminations.
- LAVAS - mostly siliceous acid lavas (v. fine grained), tuffite and rhyolite intermediate fine grained lavas. Many devitrified and soft weathered. Many show flow banding and weak textural nature. Others are massive. Very thin laminae, laminae indicate weak sulphide content common.
- Tuffis - Lithic tuffis, lapilli tuffis and ash tuffis. Mostly bedded, some massive.
- Felspathic crystal tuff - felsic crystal tuff and quartz felsic crystal tuff. Generally fine to medium grained and often porphyritic. Hornblende fairly common. Tuffis are massive and weakly fractured in places with minor to moderate fracturing. Some quartz veins - reaction products.
- Tuffaceous Sediments
- Clay - decomposed fine grained tuffis and lavas. Sometimes relic banding.
- Chert
- Mudstone/Siltstone - laminated mudstone and siltstone with minor narrow sandstone bands. Includes narrow zones of coarser grained sediments such as sandstone, greywacke, pebble conglomerate. Warmer pink, mauve, orange, yellow due to minor pyritic content.
- Sandstone
- Coarse Sediments - coarse sandstone, greywacke, pebble conglomerate and slump breccias.

MINERALISATION

- Narrow massive gossan (after sulphide lenses)
- Gossanous zones (after 1-10 vol% sulphide as small rods, stringers, fragments and disseminations)

STRUCTURE

- Faults - mostly interpreted from airphotos
- 50° Dip
- 330° Strike



Further work to follow up DDH intersection with SP.
 1) Drilling
 2) Further study of mineralized basin zone

PENNZOIL OF AUSTRALIA LIMITED
 SUBSIDIARY OF DUVAL CORPORATION
 EL 24/73 DIAL RANGE
 TYPE GEOLOGY - DIAL RANGE

COUNTRY Australia
 STATE Tasmania
 LATITUDE 41° 05'
 LONGITUDE 146° 50'

1200E 1300E 1400E 1500E 1600E 1700E 1800E 1900E 2000E 2100E 2200E 2300E 2400E

