

DIAMOND DRILL LOG

Drill hole: GL2
Co-ordinates
 Easting: 584706mE
 Northing: 5464618mN
Azimuth: 042 degrees magnetic
Dip: -52 degrees
RL: 37m
Final depth: 47.7m
Hole commenced: 17th January 1996
Hole completed: 23rd January 1996
Driller: Nick Poltock
Rig: Custom built man portable
Core size: 0m to 15.5m TT55, 15.5m to E.O.H. TT45
Logged by: Grant MacDonald

Summary: The hole intersected massive beige green to mottled 'spotted' siltstones and lesser darker grey shaley siltstones. There is a zone of very weakly mineralised (pyrite) quartz veins between 15.5m and 18.5m with the Royal Tasman No.2 intersected at the expected depth between 43.2m and 44.0m. There is only trace chalcopyrite seen in this reef.

Log:
 0m to ~0.5m No core
 0.5m to 8.5m Weakly weathered siltstone. Moderately puggy to ~3.8m.
 8.5m to 10.0m Medium grey mottled 'spotted' siltstone.
 10.0m to 11.0m Darker grey chloritic (?) shaley siltstone in broken core.
 11.0m to 12.1m Medium grey mottled 'spotted' siltstone.
 12.1m to 12.5m Puggy broken core.
 12.5m to 13.5m Medium grey mottled 'spotted' siltstone.
 13.5m to 15.0m Beige green to mottled siltstone with occasional minor <10mm extensional quartz veins generally at low angles to the core axis.
 15.0m to 15.5m Minor shear at 45 degrees to the core axis in shaley siltstone.
 15.5m to 18.5m Beige green siltstone with occasional zones with minor quartz veining, e.g. from 18.2m to 18.5m which has trace pyrite with the quartz.
 18.5m to 24.5m Beige green siltstone with negligible quartz veining.
 24.5m to 42.9m Beige green siltstones and medium grey mottled siltstones with diffuse contacts except at 39.9m where the contact is discrete and at 35 degrees to the core axis. This is supported by similar bedding (?) orientations at 39.6m and 40.1m. There is negligible quartz veining.

42.9m to 44.0m

Quartz reef interpreted to be the Royal Tasman No.2 reef. From 42.9m to 43.2m the core shows banding or 'laminations' of roughly equivalent amounts of quartz and clayey (sericitised ?) wall rock siltstone. The bands are <2mm's and are at 75 degrees to the core axis. From 43.2m to 44.0m is massive quartz reef with a trace chalcopyrite. Other than this the quartz is white and clean but is slightly more translucent than the reef in GL1. From 43.2 to 44.0m the reef assays 0.022 ppm Au.

44.0m to 47.7m

Medium grey mottled 'spotted' siltstone with the red patches near to the contact with the reef as seen in GL1. The siltstone contains some extensional quartz veining with trace pyrite generally at moderate to low angles to the core axis.

47.7m E.O.H.