

OBJECTIVE : Aimed at the confluence of Rosalind and Premier Reefs (but drilled too steep: not allowing for apparent dip and arbitrary sketch of old mine section).

RESULT : No significant mineralisation, though a barren reef-type breccia was intersected at 49.5-50.3m.

DEPTH : 50.5m

HOLE SIZE: TT46

COMMENCED: 6th Jan. 1994

COMPLETED: 7th Jan. 1994

Depth	Direction	Dip
0	119.5	-60
50	119.5	-60

180057

FROM	TO	DESCRIPTION	ALT	CD	ROCK TYPE	MINERALISATION
0	27.7	Dark grey sandstone with black siltstone interbeds. Contains small quartz veins, which are both irregular, right angles and parallel to the core. 2.9-3.7m Oxidation surfaces present. 4.3-4.4m Intense quartz veining within sandstone. Pyrite associated. 7.6m Sharp contact between sandstone and siltstone indicates facing down sequence. 7.9-8.5m Intense quartz veining within siltstone and sandstone. Pyrite, chlorite alteration and arseno-pyrite present. 8.6-8.7m Quartz vein in quartz sandstone. Pyrite present. 10.5-12.2m Broken zone in sandstone and siltstone. Quite a lot of quartz veining and brecciation. Pyrite, and chlorite alteration. 16.2m Gravely material and pieces of core. Mainly quartz. 17.6-18.0m Siltstone/sandstone contact nearly parallel to core. Quartz veining within siltstone. Pyrite associated. 18.2-18.3m Siltstone/sandstone contact parallel to core. Minor veining within the siltstone.			sst-silst	Pyrite associated with quartz veins.  Minor pyrite and arsenopyrite.  Minor pyrite. Minor pyrite.  Associated pyrite.
27.7	37.7	Grey/black siltstone. Quartz veins throughout. Most have pyrite associated. 34.9-35.2m Quartz vein within siltstone. 35.2-37.7m Grey siltstone in the black siltstone. Small quartz veins irregular in both siltstones.			slst	Pyrite associated with quartz veins.
37.7	50.5	Grey sandstone/siltstone with interbedded black siltstone, small quartz veins throughout. Irregular, parallel and right angles to core. 44.45-44.6m Red-brown oxidized surfaces within black siltstone. 45.5m Contact between siltstone and sandstone appears to indicate going up sequence (not that clear). 47.7-47.9m Quartz vein within heavily mineralised sandstone. Pyrite present. 48.3-48.4m Breccia with pyrite mineralisation. 48.45-48.65m Breccia within black siltstone. Broken area, quartz veining and pyrite present. 48.65-50.5m Quartz veining within green siltstone/sandstone. Small breccia zones at 49.5 to 49.6m (pyrite and quartz associated) 49.5-50.3m Brecciated turbidite filled with quartz. Possible extension of Premier Reef. Two phases of quartz veining. 49.7-49.75m Pug: fault 65-70°.			sst-silst      bx bx  bx zones  bx reef	Strong pyrite mineralisation.  Pyrite in breccia. Pyrite in breccia.  Pyrite associated with quartz.