

A.C.I. MINERAL RESOURCES DIVISION

TASMANIAN EXPLORATION

Date drilled: 13.3.71 to 18.4.71.

DDH. 10 MURRAYS PROSPECT: REWARD

Grid Reference: 435 020 N, 319 512 E. Angle 55° RL.640.5'

Direction: 056° magnetic.

INTERVAL IN METRES		DIP IN BEDDING	DESCRIPTION
From	To		
0	12.80	30°	Pale to medium grey with pale green (chlorite) tinge, carbonaceous siltstone. Few graded beds containing sporadic pyrite parallel to bedding and confined to paler and coarser sedimentary bands. Slight graphitic sheen on some bedding surfaces. Porous and slightly friable. Few microfaults.
12.80	18.29		Pale to medium grey, massive argillaceous and carbonaceous siltstone with pale green (chlorite) tinge. Few quartz veins, often slightly pyritic. Few small (<0.5mm) chloritic (?) porphyroblasts. Porous and slightly friable.
→ 18.24	21.23	30°	Finely foliated, pale to medium grey, carbonaceous phyllite. Foliation parallel to original bedding and graded bedding preserved. Slightly chloritic in parts and kink bands common. Well jointed, fragmentary in parts.
21.23	22.51		Pale grey-green, generally massive but slightly phyllitic argillaceous sediment containing numerous small (<0.5mm) green (chloritic ?) porphyroblasts.
22.51	28.65	30° at 27.45m. 30° " 28.25m.	Similar to interval 18.29 to 21.23m, but more chloritic and less carbonaceous. Rare pyrite aligned parallel to bedding. Few small (<0.5mm) grey-white porphyroblasts in argillaceous and carbonaceous units.
28.65	33.80	25°-30° at 33.55m.	Grey-green to medium green, porous, chloritic phyllite, often apparently massive, but with indistinct foliation. Few lensoid quartz-pyrite blebs (≤2 cm) and sporadic disseminated euhedral pyrite. Common pyritic quartz veins (≤15mm) usually parallel, but occasionally normal, to foliation. Often slightly cavernous. Few small (<0.5mm) chloritic porphyroblasts.
33.80	40.07	30° at 34.80m. 25° " 36.50m. 20°-25° at 37.44m. 20° at 39.75m.	Similar to interval 28.65 to 33.80m., but is yellow-green and pale to medium green and very porous and contains numerous chloritic porphyroblasts. Few pyritic quartz blebs and veins, commonly aligned parallel to foliation. Original bedding apparently graded and finely laminated. Few kink bands normal to foliation.