

AUSTRALIAN CONSOLIDATED INDUSTRIES LTD.MINERAL RESOURCES DIVISION.TASMANIAN EXPLORATION EL.16/68.

Date: 25th June, 1971.

DDH.10 - MURRAYS REWARD PROSPECT.

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SUMMARY.

DDH.10 at the Murrays Reward Prospect was completed at a depth of 179.83m.

A mineralised zone with poorly defined boundaries was intersected between 120.64m and 126.60m. within a series of chloritic and carbonaceous phyllites and slates and consisted of the following lithologies:

- (a) Carbonaceous and graphitic phyllite containing several chalcoppyritic quartz-carbonate veins. Assay value; 1.25% Cu over 1.12m. } 0.77%  
assay.
- (b) Chloritic and pyritic quartz-carbonate veins associated with green chloritic tuff (?). Disseminated blebs of chalcoppyrite. Assay value; 3483 ppm. Cu over 1.35m. } 247m  
(2.2m true)
- (c) Porous, fine grained, cream carbonate containing rare traces of chalcoppyrite and covellite. Assay value; 143 ppm. Cu over 0.91m.
- (d) White quartz containing chloritic phyllite and siltstone fragments, minor cream carbonate veins and rare disseminated chalcoppyrite. Assay value; 2300 ppm. Cu over 2.58m.

This mineralised zone averages about 4150 ppm. Cu over a thickness of 5.96m (true thickness of approximately 4.2m). Anomalously high Cu values (mean value 1287 ppm. Cu) occur over a thickness of about 28.14m. between 110.39 and 138.53m.

DDH.10 - MURRAYS REWARD PROSPECT.

Grid reference:	435 020 N, 319 512 E.
Collar R.L.:	640.5 feet.
Angle:	55°
Direction:	056° magnetic.
Date drilled:	13.3.71 to 18.4.71.
Drilling rate:	5.44m. per shift.

1. OPERATIONAL DETAILS:1.1 Drilling details.

The Mindrill F.30 drill rig commenced moving to the site of DDH.10, after the temporary abandonment of DDH.8, on 8th March, 1971, and DDH.10 was commenced on 13th March, 1971.

NX casing was seated at 18.29m and the hole progressed to 121.9m with NQWL equipment. BX casing was seated at 121.9m. and the hole was completed at 179.83m. on 18th April, 1971, with the use of BQWL equipment.

Drilling progress and engineering details are graphically described by Fig. 1.