

## Appendix II

## ECONOMIC AND GENERAL GEOLOGY.

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## DRILLING RESULTS

(see Figure 3)

*Grand Prize Grid.*

Two diamond drill holes were bored to test the anomaly between 16S/500E and 18S/500E. D.D.H. No. 1 was sited at 1576S/475E on a bearing of 80° magnetic and inclined at an angle of 50°. The core log is summarized as follows:—

From	Depth To	Rock Type
0	71'	Conglomerate, greywacke and grey-brown siltstone. No sign of sulphide mineralization.
71'	87'	Decomposed gossanous serpentine. Poor core recovery. No evidence of sulphides.
87'	330' 6"	Serpentine with colour variation from dark green to pale yellow-green and creamy white. Magnetite is commonly associated with slip-fibre chrysotile and picrolite which in places amounts to about 5% of the volume. Stichtite occasionally noted. No sulphides recorded.

D.D.H. No. 2 was sited at 17S/700E on a magnetic bearing of 251° and inclined at an angle of 50°. This hole was entirely in serpentine for its total length of 201 feet. The serpentine is yellow-brown and decomposed for the first 57 feet, but thereafter shows the same characteristic colour variation from dark to pale green as in D.D.H. No. 1. The proportion of asbestos and associated magnetite is rather higher in the core from this hole. Strong segregations of finely crystalline granular magnetite occur along the slip planes in the serpentine. There is no evidence of sulphide mineralization.

Assay of the core from two holes yielded the following results:—

D.D.H. No. 1.		Sn %	Ni %
71'	— 87'	Nil	0.40
148' 6"	— 152' 8"	"	0.24
255'	— 257' 2"	"	0.30
297' 10"	— 301'	"	0.39
D.D.H. No. 2.		Sn %	Ni %
74'	— 76'	Nil	0.30
100'	— 111'	"	0.28
116'	— 120'	"	0.24