Mines Dept Lisant

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DIAMOND DRILL CORE RECORD

AREA OF OPERATION SAVAGE RIVER - N.W. TASMANIA.

Hole No. B.D.H. NO. 5

Drilled by ASSOCIATED DIAMOND DRILLERS

Core Recovery 0'-22½' = 66%; 22½'-1020'6" = 93.9%

Geological Logging by —

W.J. Atkinson

Location of Site Traverse COO, 450'W

Date Commenced 22nd January, 1960.

Date Completed 30th March, 1960.

Reduced Level of Site R.L. 1248'

Bearing of Hole ~~90°~~ 270° Approx.

Dip of Hole 60°

Bore Depth 1020'6"

DRILL RECORD				GEOLOGICAL LOG		
Date 1960.	From	To	Core Recov.	From	To	Description
22/1	0'	2'	2'0"	0'		Friable, yellow-orange clays, in situ
23/1	2'					Derived from weathering of barren
		4'	2'0"			amphibolite. Little or no iron.
	4'					A few scree pebbles at surface.
					29'	
				29'		Little weathered, talcose & chloritic
						and magnetite-amphibolite-schist. 5-
		33'	3"			10% pyrite. Magnetite in small, sur-
	33'	36'	1'6"			iable aggregate, 2-10%. Ground broken,
	36'				36'	poor core recovery.
		38'	1'9"	36'		Magnetite-amphibolite-schist, a low
	38'	40'	2'0"			grade iron ore. Fair. grey-green
24/1	40'	40'9"	9"			chloritized & serpentinized. Magnetite
	40'9"	42'6"	2'9"			variable 10-50% (avg.40%) as granular

GEOL. SECTION

ASSAY RESULTS								
Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% Mn	% P_2O_5	% S
26675	36'	40'9"	19.6					
26676	40'9"	42'9"	14.4					

Amphibolite schists. Hornblendic, talcose and chloritic types.

Magnetite - amphibolite - schist, similar to amphibolite-schist with magnetite greater than 5%.

Amphibolite, massive. Often altered to chloritic and serpentinous, epidote-rich types.

Magnetite - amphibolite. Composition similar to massive types with greater than 5% magnetite.

Gabbro-amphibolite. Massive, barren "dolerite"

IRON VALUES

Greater than 50% HCl. Sol. Iron

40%-50% HCl. Sol. Iron

30%-40% HCl Sol. Iron

Less than 30% HCl. Sol. Iron.