DEPARTMENT OF MINES, TASMANIA

DIAMOND DRILL CORE RECORD

320187

153

Hole No. 9

Drilled by Associated Diamond Drillers

Core Recovery

Geological Logging by— Hughes

Area of Operation Savage River

Location of Site 1600' W of A Tower (Same as No 6)

Date Commenced 25.8.60

Date Completed

Reduced Level of Site ~~1405~~ 1505 P

Bearing of Hole 275°

Dip of Hole 45°

Bore Depth 6656"

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION 20' = 1"		ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	SiO_2	HCl Sol Fe	Fe_2O_3	TiO_2	MnO	Cr_2O_3	S
	0'	110'	1'	0	110'	Only 1 foot of weathered magnetite			1	0	154	9.08	50.3	16.83	0.42	0.05	0.13	1.09
	110'	154'	9"	110	154'	Few inches of magnetite with little												
	154'	157'	1'			pyrite - few inches of schistose			2	154	178	39.5	7.0	13.64	0.89	0.16	0.20	2.52
	157'	160'	2'			amphibolite												
	160'	161'3"	1'2"	154'	157'	Massive amphib - weathered with												
	161'3"	165'	2'3"			little magnetite							K		>5			
	165'	167'9"	1'	157'	160'	Harder amphib. with little magnetite							O		40-50			
	167'9"	169'	1'			pyrite and carbon albite veins							PO		30-40			
	169'	171	1'4"	160	161'3"	Sheared amphibolite							Y		<30			
	171	175'	1'9"	161'3"	164	Coarse grained massive amphibolite												
	175'	178'	8"			little weathered - much pyrite - little												
	178'	180'	6"			magnetite - large amphibole crystals			3	178	209'6"	4.49	53.0	2.15	0.56	0.07	0.12	3.54
	180'	183'	1'7"	164	165	More weathered												
	183'	183'6"	3"	165	178	Fine grained massive amphib. - solid												
	183'6"	187'	2'4"			little pyrite - sparse magnetite - jointing												
	187'	190'	2'10"	178	191	Medium grade ore - some pyrite						6.42						
	190'	194'	2'7"	191	194	Soft weathered amphib. - green clay												
	194'	198'	2'3"	194'	199	Medium grade ore												
	198'	200'	2'	199'	200	Mostly amph. weathered to green clay												
	200	204'6"	2'	200	228	Medium grade ore - some pyrite												
	204'6"	209'3"	7"			very poor core recovery.												
	209'3"	210'6"	1'3"						4	209'6"	231	5.59	55.6	2.74	0.57	0.06	0.06	7.61
	210'6"	215'6"	2'															
	215'6"	219'	1'6"															
	219'	221'	1'6"															
	221'	223'	11"															
	223'	226'	7"															