

DEPARTMENT OF MINES — TASMANIA  
**DIAMOND DRILL CORE RECORD**

257 043

Hole No. 10  
 Drilled by Associated Diamond Drillers  
 Core Recovery  
 Geological Logging by—

Area of Operation Savage River  
 Location of Site Lanna 750 S (25'E and 25'N)  
 Date Commenced  
 Date Completed  
 MINE COORDS 22,109 N 20,866 E

Reduced Level of Site 1015' 1000'  
 Bearing of Hole 269° Mag. 267° 10'  
 Dip of Hole 45°  
 Bore Depth 438' 32 100

AMG Co-ords: 351159 E 5104936 N

Ref No 2039

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS					
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	HCl Sol Fe.	No Core held.	
	0'	18'	1'	0'	85'	Talcosse clays derived from serpentinous rocks.			1	95'6"	103'	57.8		
	18'	70'	6"						2	103	109	51.0		
	70'	90'	1'	85'	95'6"	Talcosse clays, decomposed basic igneous rocks.			3	109	114	55.9		
	90'	103'	3'						4	124	130	62.0		
	103'	125'	9'	95'6"	114'	Medium grade magnetite with narrow bands of clayey country rock at 103', 109' and 112'. Ground highly fractured.	95'6"		5	130	133	52.6		
				114'	124'	Pale greenish grey talcosse country rock. Pyrite abundant as segregations. Some minor disseminations of magnetite.	114'		6	133	134'6"	13.0		
									7	134'6"	139	51.8		
									8	139	145	55.2		
									9	145	151'6"	58.5		
									10	151'6"	156'	59.0		
									11	156'	158'6"	55.8		
									12	158'6"	159'	12.6		
	125'	145'	14'	124'	130'	Medium grade pyrite magnetite rock, fine grained.			13	159'	166'6"	55.8		
									14	166'6"	171'	55.5		
				130'	133'	Magnetite rocks with patches of country rock.			15	171'	176'	61.0		
									16	176'	180'6"	59.7		
				133'	134'6"	Pale grey talcosse country rock with patches of tremolite asbestos.			17	180'6"	182'9"	59.7		
									18	182'9"	187'3"	42.6		
									19	187'3"	192'3"	58.0		
	145'	158'	12'	134'6"	221'	Medium to high grade pyrite magnetite rock. Pale greenish clayey country rock from 158'6" - 159', 186'6" - 187', 195' - 195'6". Highly pyritic from 170' - 170'6"			20	192'3"	196'	53.6		
	158'	192'	31'						21	196'	201'	58.5		
	192'	225'	32'						22	201'	206'	59.3		
									23	206'	211'	59.1		
									24	211'	216'	58.9		
									25	216'	221'	59.3		
	225'	242'	15'	221'	224'6"	Pale grey talcosse and pyritic country rock. Traces only of magnetite.	224'6"		26	221'	224'6"	14.3		
	242'	246'	1'						27	224'6"	227'6"	57.5		



DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS					
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Hel Sol Fe		
				341	359									
	346'	348'	2'			pyrite patchy but not plentiful, little serpentine only along minor shear planes. Magnetite and pyrite 2" at 353'.	354							
	348'	351'	3'				359							
	351'	354'	3'				366							
	354	357	1'6"				371							
	357	357'6"	6"				379							
	357'6"	361'6"	4'	359'	367'4"		Mixed country rock and magnetite, pyrite sparse, little shearing.	384						
	361'6"	362'6"	1'				389			51	359'	366'	21.4	
	362'6"	366'	3'6"			399								
	366'	367'4"	1'4"			402			52	366'	374'	18.9		
	367'4"	371'	1'	367'4"	374"	mostly country rock with some magnetite and pyrite, sheared serpentine.	438							
	371'	380'6"	7'6"						53	374'	379'	49.8		
				374	378'6"	Mainly magnetite, pyrite and a little tale.			54	379'	384'	26.9		
	380'6"	381'9"	9"	378'6"	383'6"	weathered amphibolite with a little magnetite and pyrite			55	384'	389'	57.3		
	381'9"	383'6"	1'											
	383'6"	388'6"	3'6"	383'6"	403'	mostly magnetite, few inches of country rocks at 394'6" and 398'								
	388'6"	393'6"	5'						56	389'	394'	57.4		
	393'6"	397'	3'3"						57	394'	399'	41.7		
	397'	403'	5'						58	399'	404'	53.9		
	403'	408'	1'	403'	407'	magnetite.								
	408'	413'	1'6"	407'	408'	country rocks.								
	413'	416'	3'	408'	419'	mostly magnetite with some tale and pyrite.								
	416'	420'	4'	419'	420'	poorer magnetite.								
	420'	425'	5'											
	425'	428'	3'	420'	438'	mostly magnetite - few inches of fairly massive amphibolite.								
	428	433	5'			at 423' 425'6" 433'								
	433'	438'	5'			436'								