

DEPARTMENT OF MINES — TASMANIA
DIAMOND DRILL CORE RECORD

793

①
050

Hole No. 3
 Drilled by W. ROBINSON
 Core Recovery 38 percent
 Geological Logging by—
W. N. MACLEOD, Senior Geologist

Area of Operation DUNDAS
 Location of Site GRAND PRIZE MINE (4S.450E)
 Date Commenced 24.7.1961
 Date Completed 31.8.1961

Reduced Level of Site.....
 Bearing of Hole 81° Magnetic
 Dip of Hole -20°
 Bore Depth 329'6" **41 098**

AM6 Co-ords: 3683E 53652 N.

Core held M1

Ref No 2173

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS				
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Sn	
24.7	0'	8'	-	0'	8'	Unconsolidated Gravel			Core	270'	271'	Tr. (Coos)	
	8'	14'	3'7"							271'6"	273'6"	Nil	
25.7	14'	23'	7'1"	8'	14'	Alternation of grey siltstone and				273'6"	277'	Nil	
26.7	23'	44'	15'7"			greywacke conglomerate.			SLUDGE	270'	275'	Tr. (Coos)	
27.7	44'	62'	11'5"										
28.7	62'	75'9"	11'2"	14'	19'	Brown-grey siltstone + greywacke							
31.7	75'9"	81'	4'8"			with iron-staining on cracks							
	81'	92'6"	8'10"										
1.8	92'6"	98'	-'9"	19'	23'	Brown greywacke with thin bands of							
	98'	102'	2'6"			siltstone							
2.8	102'	105'	2'0"										
	105'	108'	2'	23'	28'	Grey-brown greywacke and conglomerate							
3.8	108'	111'	1'9"										
	111'	115'	-	28'	36'2"	Pinkish brown siltstone and greywacke							
	115'	118'	0'5"										
4.8	118'	122'	0'5"	36'2"	38'	Pink conglomerate with narrow bands							
	122'	130'	0'4"			of pink-brown siltstone							
7.8	130'	135'	0'5"										
	135'	140'	-	38'	40'	Alternating pink conglomerate and							
	140'	145'	1'8"			brownish pink siltstone							
8.8	145'	150'	0'3"										
	150'	155'	-	40'	45'6"	Pink-brown greywacke + siltstone.							
	155'	160'	-										
	160'	165'	0'3"	45'6"	48'	Pink-brown siltstone							
9.8	165'	170'	0'4"										
	170'	175'	-	48'	55'	Alternating greywacke and brown							
	175'	180'	-			siltstone.							

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Sn						
	180'	185'	0'3"	55'	60'	Mottled yellow-brown and pink siltstone.												
10.8	185'	190'	1'0"															
	190'	200'	0'2"															
11.8	200'	205'	1'0"	60'	64'	Rapid alternations of pink-brown greywacke and siltstone in beds $\frac{1}{2}$ " thick												
14.8	205'	210'	0'4"															
	210'	213'	1'8"															
	213'	225'	—	64'	83'	Greywacke conglomerate												
15.8	225'	230'	0'6"															
	230'	233'	0'7"	83'	84'	Greywacke												
16.8	233'	240'	1'5"															
	240'	245'	1'0"	84'	87'	Alternating greywacke & siltstone in $\frac{1}{2}$ " - 1" bands.												
17.8	245'	250'	1'3"															
	250'	253'6"	1'8"															
	253'6"	255'	0'11"	87'	90'	Greywacke and siltstone												
18.8	255'	260'	1'6"															
	260'	265'	0'8"	90'	92'6"	Greywacke conglomerate												
	265'	270'	0'3"															
21.8	270'	271'6"	0'9"	92'6"	98'	Greywacke conglomerate												
	271'6"	273'6"	1'3"															
	273'6"	275'	0'8"	98'	118'	Conglomerate with max. pebble size of $\frac{3}{4}$ " but averaging $\frac{1}{4}$ ".												
22.8	275'	277'	0'2"															
25.8	277'	285'	2'0"															
	285'	289'	1'7"	118'	213'	Brown conglomerate, much decomposed, practically no core recovery.												
28.8	289'	292'	1'5"															
	292'	295'	1'9"															
	295'	300'	0'2"	213'	270'	Greywacke and fossiliferous siltstone												
29.8	300'	305'	1'10"															
	305'	310'	4'10"	270'	271'	Reddish brown gossanous ironstone												
	310'	315'	3'10"															
30.8	315'	320'	3'9"	271'	271'6"	Greywacke conglomerate with disseminated pyrite.												
	320'	325'	3'0"															
31.8	325'	329'6"	4'0"	271'6"	273'6"	Greywacke conglomerate with abundant pyrite which is partially oxidized.												
	End	of Hole.																

41 099

+ 270 - 271

2 - 271'6" - 273'6"

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS											
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Sn								
				273'6"	275'	Greywacke conglomerate with pyrite.			3	273'	277'									
									4	270	275									
				275'	278'	Greywacke conglomerate with pyrite.														
				278	329'6"	Greywacke conglomerate with no pyrite. Grey in colour, fresh and shows bitternation. Max. particle size 1/2"														
						END OF HOLE.														

41 100

(Sludge sample)