

DEPARTMENT OF MINES—TASMANIA
DIAMOND DRILL CORE RECORD

 Hole No. 59/1
 Drilled by A. Death
 Core Recovery
 Geological Logging by—
R. Matthews

 Area of Operation Kaituma
 Location of Site bottom level of 4/5 quarry
 Date Commenced
 Date Completed

 Reduced Level of Site
 Bearing of Hole
 Dip of Hole Vertical
 Bore Depth 200 feet 4 inches

FORM	S & A	CC	34
RECEIVED	2.7 JUL 1960	REGISTRAR	037
ANSWERED		DEPT. OF MINES	
REC. NO.	3058/60		

 Ref No 2015

32 012

 General AMG Co-ords: 451100 E 5423600 N

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS						
Date	From	To	Core Recov.	From	To	Description	Core % recovery	Sample No.	Sample No.	From	To	% Calc ₃	Depth	No core held	
			8"	0	2'6"	dark blue limestone	27								
			3"	2'6"	3'	fine grained dark blue l/s with small calcite veins	50								
			1'3"	3'	4'3"	l/s with irregular calcite veins and stylolites	100								
			2'10"	4'3"	7'1"	stylolites common, at 4'4" joint dip 40°, 5'9" horizontal joint, 6'2" calcite vein wavy and almost to stylolites	100								
			1'11"	7'11"	9'	stylolites, almost vertical joint at beginning, at 8'3" calcite vein dip 60°	100								
			1'4"	9'	10'4"	Irregular calcite veins, stylolites common	100					94	10		
			1'8"	10'4"	12'	stylolites common, joint at 11'8" dip 35°. Calcite about 1/2" wide deposited in joint	100								
			3'1"	12'	15'4"	Several dark patches in core stylolites common, several small calcite veins	93								
			2'6"	15'4"	18'5"	stylolites, 1/2" calcite veins at 16'9" - horizontal 1/2" veins at 18' dip 25°	81								
			1'	18'5"	19'5"	stylolitic l/s	100								
			2'2"	19'5"	21'7"	stylolitic l/s with fine calcite veins, lenticular bodies of calcite	100					92.8	20		
			7'5"	21'7"	24'3"	stylolitic l/s, lenticular bodies of calcite joint at 22'9" dipping 30° - calcite filled	98%					89.5	25'		

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS								
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Depth	% Calc				
			3"	29'3"	29'6"	stylolitic lfs (end of large core)	100										
			9'4"	29'6"	39'5"	dark stylolitic lfs with many fine calcite veins, some almost vertical	100					30'	92.1				
			10'3"	39'5"	49'8"	stylolites common, irregular calcite veins - 48'6" calcite vein 1/4" dipping at 60°	100					40'	91.0				
			9'11"	49'8"	59'7"	stylolites and fine calcite veins common	100					50'	90.8				
			9'11"	59'7"	69'8"	stylolites, fine calcite veins	100					60'	94.3				
			5'2"	69'8"	75'	" " "	98					70'	92.9				
			4'7"	75'	79'7"	" and fine of calcite, cleavage appears to be faintly developed.	100					75'	86.7				
			10'4"	79'7"	89'4"	stylolitic lfs, calcite veins common 79'4" - 1/4" vein 45°, 84'9" - 1/4" vein dip 45°.	100					80'	93.9				
			6'3"	89'11"	96'2"	stylolites & calcite veins common	100					90'	92.2				
			9'0"	96'2"	105'1"	" " "	100					100'	93.3				
			9'4"	105'1"	115'0"	stylolites, larger calcite veins and cleavage developed at 107'2" - 1" vein calcite dip 20°, 112'3" - 1 1/2" vein dip 55° last 6" of section is calcite. cleavage has 60° dip	100					110'	112.3				
			4'6"	115'	114'11"	First 23" solid calcite, then 5" of lfs, then 15" calcite (dipping at 35°) followed by 9" lfs.	91					120'	89.7	80% lfs 20% calcite			
			10'2"	119'4"	130'	First 1" lfs, followed by 11" calcite (dip 10°), then 12" of lfs and half calcite, then 26" calcite followed by 9" of lfs (25° dip then 12" calcite, ending with 4'4" of lfs with two 1" veins of horizontal calcite veins in situ	100					125'	82.6 - (abt. 50% pure calcite)				
												130'	91.4				

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS				32 014		
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Depth	% CaCO ₃		
			10'	130'	140' 3"	stylolitic lfs with many veins at 131' - 1/2" vein	100					140'	91.0		
			9' 10"	140' 3"	150' 4"	stylolitic lfs with irregular calcite veins and many dark patches in lfs	100					150'	90.4		
			5' 10"	150' 4"	158' 2"	stylolite common, some fine calcite veins, 1" vein at end of section	100								
			3' 2"	158' 2"	160' 4"	stylolitic lfs, with a few small calcite veins, cleavage 55°	76					160'	91.1		
			9' 10"	160' 4"	170' 4"	stylolite common, few calcite veins - 162' - 1/2" vein horizontal 164' - 1/3" vein dip about 10° 166' - 1" vein dip 30°	98					170'	89.6		
			10'	170' 4"	180' 4"	stylolitic lfs, calcite veins rare, vertical joint starting from 178' to end.	100					175'	92.2		
			10"	180' 4"	190' 4"	stylolitic lfs with a few calcite veins. One 1/4" vein at 185' - horizontal. 1/2" vein at 190'	100					180'	87.4		
			9' 6"	190' 4"	200' 4"	stylolitic lfs, very few fine calcite veins, black patches common, cleavage 55°	97					190'	84.6		
												200'	88.9		

37.

DEPARTMENT OF MINES, TASMANIA—DRILLING RECORD.

7825

Locality: RAILTON Drill: GOLDFIELDS No. 10 DIAMOND DRILL
 Bore No.: 1 Commenced: 21.9.59 Completed: 5.10.59
 Location of Bore: GOLIATH CEMENT COY'S OPEN CUT Ref No: 1809
 Co-ordinates of Collar: General AMG 6-ords: 451100 E 5423600 N R.L. of Collar: _____
 Bearing: _____ Inclination: VERTICAL Final Depth: 200ft. 4in.

36 351

0430

Date 1959	Footage	Total Depth	BORE LOG					Details of Ore Intersection
			From	To	Core	Thickness	Particulars of Core	
SEPT. 21	2' 10"	4' 5"						
" 22	15'	19' 5"						
" 23	10' 1"	29' 6"						
" 24	20' 2"	49' 8"						
" 25	25' 4"	75' 0"						
" 28	21' 2"	96' 2"						
" 29	23' 9"	119' 11"						
" 30	20' 4"	140' 3"						
OCT. 1	20' 1"	160' 4"						
" 2	20'	180' 4"						
" 5	20'	200' 4"						