40 296

REF NO: 2336

DRILLING TARGET:— NATONE No. 2 BORE

REMARKS:— Position Traverse 2000 S, 60' S of Base Line

SURVEY DATA			ASSAY DATA											
DEPTH feet	Bearing mag.	Inclin. degs.	SAMPLE No.	FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%	ASSAY RESULTS % HCl Sol. Fe	Ti	S	P	SiO_2
				0 0	12 0			64.7				
				75 0	83 0			32.6	0.1	Tr	0.1	27.9
				85 0	105 0			43.1				
				105 0	134 0			33.7				
				134 0	142 0			62.1				
				142 0	153 0			69.8				
				153 0	160 0			64.3	Nil	Tr	0.03	4.32
				160 0	170 0			66.9				
				170 0	180 0			68.0				
				180 0	195 0			68.2				
				195 0	221 0			66.2	Nil	tr	Tr	4.9
				221 0	231 0			60.6				

GEOLOGICAL LOG

Logged by:— T. D. HUGHES

FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%	DESCRIPTION	SECTION Core	SECTION Sample
0	12' –			Surface and Haematite boulders		
12	75			Yellow and white clay		
75	85			Brown and red clay - few iron boulders		
85	105			Brown clay with some boulder fragments - some haematite		
105	134			Brown clay		
134	142			Haematite & magnetite - some clay - few small bunches of quartz in haematite		
142	153			Hard haematite - some slightly magnetic. Small splashes of quartz		
153	160			Haematite with stringers of brown clay. Non-magnetic. Little quartz		
160	170			Broken haematite - some magnetic. Brown clay at 168.		
170	180			Hard high grade but broken haematite. Non-magnetic.		
180	195			Hard but broken haematite - non-magnetic		
195	196			" " " " " "		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— Nat. 2	MAP SHEET No. 28	DISTRICT NATONE	LOCATION OF SITE:—

60 feet S. of Base line on Traverse 2000 S - B.M.R.
Grid of Record No. 1964/14

No Core held

R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:— 135° Mag.	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:— 60° General AMG.	DRILL:—	COMPLETED:— Feb. 1969
CO-ORDS. OF SITE:— 409500 E 5442300 N.	DRILLER:— Ass. Diam Drillers	FINAL DEPTH:— 506'

R.P. 1412

Boes not Plotted.

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FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	RECOVERY %	DESCRIPTION	SECTION Core	SECTION Sample
196 0	201 0			Broken haematite. Clay - little core. Little core Iron & Clay &		
201 0	205 0			Haematite with quartz bunches Magnetic sand.		
205 0	212 0			" " " "		
212 0	213 0			Bright crystalline haematite		
213 0	221 0			Haematite with some quartz		
221 0	231 0			Brown siltstone - iron impregnated)		
231 0	236 0			Limonite - Broken and weathered		
236 0	245 0			" " "		
245 0	250 0			" " "		
250 0	252 0			Brown Mudstone		
252 0	254 0			Black Mudstone		
254 0	265 0			Iron Sand		
265 0	305 0			Green crystalline rock. Needle crystals of tremolite-actinolite. In places very weathered to greenish black clay. ~~All weathered tremolite-actinolite rock with pyrite.~~		
305 0	310 0			Tremolite rock with calcite.		
310 0	320 0			Calcite "green needle" shaped tremolite - Very hard.		
320 0	326 0			" " " " "		
326 0	328 6			Soft green weathered tremolite-actinolite rock.		
328 6	350 0			Limestone with needle inclusions. Little pyrrhotite.		
350 0	360 0			White and grey quartzite.		
360 0	363 0			Much pyrrhotite and little pyrite, and quartz in quartzite.		
363 0	370 0			Little pyrrhotite in quartzite.		
370 0	373 0			Little pyrrhotite in quartzite.		
373 0	485 0			Impure limestone with sparse patches of pyrrhotite. No bedding or cleavage.		
485 0	506			Quartzite (Silicified Limestone?) with little more pyrrhotite. No cleavage or bedding visible. ~~503' Calcite~~ 505' Quartz and carbonate and dark green amphibole largely altered to talc.		

Continued over

ASSAY DATA

SAMPLE No.	FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	RECOVERY %	ASSAY RESULTS % Sol. Fe.	Ti	S	P	SiO_2
	231 0	250 0			58·5	NIL	3·32	0·10	15·5
	250 0	265 0			31·9				

GEOLOGICAL LOG 40 258 Page:—

FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	DESCRIPTION	SECTION Core	SECTION Sample
506	0	516	0				Quartzite with plentiful pyrrhotite, some coarse pyrite. Garnet crystals in cross fractures.		
516	0	521	0				Quartzite with sparse patches of pyrrhotite and pyrite.		
521	0	530	0				" " " " "		
530	0	534	0				Black siltstone.		
534	0	538	0				Much magnetite. Black slate.		
538	0	549	0				Black siltstone with sparse narrow stringers		
549	0	554	0				or pyrite 1" of pyrite and pyrrhotite at 559'		
554	0	564	0						
							END OF HOLE.		

Continued over

ASSAY DATA

SAMPLE No.	FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	ASSAY RESULTS

R.P. 1411

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