

DRILLED BY :

COMMENCED :

COMPLETED :

SHEET 1 OF 5

844018
017

DECLINATION: - 57°

FIELD DIAMOND DRILLING LOG

COLLAR R.L.: 221 m

OAKLEIGH CREEK DIAMOND DRILLING

D. D. H. MP6
LOGGED BY: C. R. GIBSON

SEP - OCT 1981

LENGTH: 199.99 m

Depth (m)		Interval (m)	Recovery %	Description	Remarks
From	To				
0	11			Recover only 4.3 m of mixed core from glacial till! including quartzite, quartz, f.g. very dark diorite.	
11	14.0			Recovered only 1.0 m of mixed core 50% quartz quartzite and 50% fine grained dark diorite.	
14	17.0			Recovered only 1.0 m of glacial till rock core as above.	
17.0	26.95			Recovered only 2.20 m of core between 17.0 m - 20.0 m. Rock type very hard dark grey fine grained diorite with occasional broken quartz at minor fracture planes 35° - 40° to core.	
				From start of hole fine grained dark diorite predominates, so could be either one large till boulder or dyke of diorite.	
26.95	65.67			Brownish silicified fine grained finely bedded (45° to core) rock with occ. fine fracture qtz. and dark mineral filled also soft chlorite till in some frac. at 34 m, a slightly bleach brown m.g. injection/alteration rock. S ₁ & S ₂ bedding S ₁ & S ₂ at right angles to it.	
				37.6 - 40.6 very broken section - broken pieces being qtz and dark mineral.	
				Actual qtz section 37.86 - 37.96 m.	
				38.10 - 38.40 m.	
				2 cms at 38.77 m.	

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 SHEET 2 OF 5

844019
 018

Depth (m)		Interval (m)	Recovery %	Description	Remarks
From	To				
				39.45 - 39.93 m.	
				40.15 - 40.35 m.	
				Brown alteration discolouration between 38.0 - 44.0 m (i.e. in the fine grained bedded silicified rock) (at 48.5 changed over to A core)	
				51.66 - 51.75 qtz and dark minerals	
				50/50 probably tourmaline. (9 cms).	
55.9	58.9			1 cm at 54.36 m tourmaline and qtz	
				55.74 - 55.84 " "	
58.9	62.35			also some pyrite.	
				61.35 - 61.95 qtz with some inclusion fine grained seds.	
62.35	63.50	H.W. VEIN		Qtz. with strongly silicified sections of sed. frac. in places with infilling of	
63.50	64.9			chlorite.	
64.9	67.9			65.53 - 65.67. Qtz & tourmaline Black mineralisation (14 cms).	
65.67	148.20			Fine grained silicified finely bedded at 45° to core hard brownish grey sed. progressively replaced in places to gneissic between 88.30 - 88.45 (15 cms). True width 10 cms. Qtz on bottom. Black Mineralisation on top 50/50. 96.5 - 96.80 very broken chlorite in bedding.	

OLE No: M b

D.R.O.M. AUSTRALIA

PROSPECT :

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COLLAR R.L. : 221 m

OAKLEIGH CREEK DIAMOND DRILLING

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SHEET 3 OF 5

844020
019

Depth (m)		Interval (m)	Recovery %	Description	Remarks ,
From	To				
				97.23 - 97.31 Qtz vein.	
				97.70 - 98.30 very broken altered chloritised.	
				98.55 - 99.25. A ltd. bleached bedded rock chloritised.	
				100.63-101.1 47 cm quartz vein with minor mineralisation in FW & HW. Some MO & WO ₃ . 107.63 2 cms Qtz 2 cms	
				107.9 - 107.95 Qtz 5 cms	
				108.68 - 108.83 Qtz 15 cms	
				At 109.9 3 cms qtz.	
				At 112.8 7 cms qtz. & tourmaline mineralisation.	
				113.58 - 113.90 2 x 10 cms Qtz veins.	
				123.08 - 123.27 Qtz & black mineralisation.	
				At 125.9 Black Mineralisation 4 cms.	
				133.82 - 134.14. Some qtz min. veining (32 cms) in this section also dark min. mica sericite.	
				134.92 - 135.20. One half core - length qtz i.e. to core (28.0 cms).	
				143.05 - 143.45. A ltd. silicified and sericitised kaolinised (greisened) sed. Secondary pyrite in fresh fracture.	
				Other similar mineralisation sections e.g. at 150.	

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D.D.H. MP6

LOGGED BY : C. R. GIBSON

SEP-OCT 1981

Depth (m)		Interval (m)	Recovery %	Description	Remarks
From	To				
148.20	171.7			Greisened rock bedding still discernable but rock very much altered from sed to metamorphic. The darker bedding lines blebbed. Quartzite altered to quartz inclusions with associated chloritic/mica infill.	
171.7	176.3			Dk. grey silicified meta sediment with some hornfels spotting some with gnt ? inclusions. Lighter coloured sections softer. Some fine dissem. py.	
176.3	182.7			Granite f.gr-m.gr. light coloured with 2-5% dk. mineral, + white mica. F.gr to 177.45 then m.gr. Homogeneous tending to c.gr. within 0.5 m of lower contact. Some development of sericite. Lr. contact clean.	
182.7	196.75			Silicified meta sediments F. gr. finely bedded highly silicified grey sediments sub-horizontal bedding, hornfels spotting. Occasional fine chalcedonic qtz veins cross cut bedding.	
				183.7 horizon of bronze mineral	
				186.7 10 cm qtz vein	
				188 4 cm qtz vein	
				189.6 3 cm quartzite	
				189.9 3 cm quartzite	

HOLE No. MP6
BEARING : 269°

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DRILLED BY :
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SHEET 5 OF 5

0214022

Depth (m)		Interval (m)	Recovery %	Description	Remarks
From	To				
				192.1 2 cm quartzite	
				194.3 2.3 cm qtz vein	
				194.45 " qtz vein	
				194.6 "	
				occasional slumped bedding and folds. Quite feldspathic sediment Trs. fine dissemin. py throughout. Some very soft bronze mineral.	
				Clean contact with granite.	
196.75				<u>Granite</u>	
				M. gr. - c. gr. light coloured plagioclase granite. Finer grained within 20 cm of contact. Varying degree of sericitisation and saussuritization with strong development of green colouration.	
198.0	198.4			Movement planes high angle - 60° dark mineral on one plane (tm?), series of vugs with pyrite cubes and fluorspar. Dark access mineral up to 5% towards base of hole. Light blue access mineral occasional discrete xtals. Some amethyst.	
				Fairly homogeneous.	
196.75				2 cm of tourmaline.	
197.7				1 - 2 cm of tourmaline.	
199.9				END OF HOLE.	