

**PLACER PROSPECTING PTY. LIMITED  
DIAMOND DRILL CORE RECORD**

Collar at about 5 367 561 m N  
345 049 m E  
171 m ASL  
No. 4425

Drilled by B. Lowe Commenced 11/7/66 Completed 26/8/66 Core Recovery 69% Hole No. DDH 10 Area Heemskirk  
Geological Logging R.W. Lewis R.L. of Collar 990' Dip at Collar 60° Bearing of Hole 002° grid Bore Depth 411' Site Location 447N, 2087E.  
A 29617

GEOLOGICAL RECORD			DRILLING RECORD					ASSAY RECORD								
From feet	To feet	Description	Casing Size	Core Size	From feet	To feet	Core Recovery inches	Sample No.	From	To	Sample Length	Core Recovered	Sn			
0	16'6	No Recovery.		AX	0	16'6	Nil	5331	16'6	20	4'6		Nil			
16'6	20	Metamorphosed? Volcanic Rock. Pale fine grained? rhyolitic rock. Trace ilmenite?			16'6	25	61	5332	20	25	5'		.01			
					25	35	39	5333	25	30	5'		.03			
					35	36	10	5334	30	40	10'		Nil			
20	37	Metamorphosed? Volcanic Rock. Becomes and hydrothermally altered. Ilmenite content increases, actinolite present.			36	37	6	5335	40	50	10'		Nil			
					37	44	12	5336	50	55	5'		.04			
					44	50	13	5337	55	60	5'		Nil			
37	63	Hornfels. Dark grey hornfels. Minor stratified and finely disseminated pyrite.			50	51	6	5338	60	64	4'		.02			
					51	52	7	5326	70	75	5'		.01			
63	74	Altered Ultrabasic Rock. Carbonate-magnetite rock. Black and resinous.			52	57	31	5327	75	80	5'		Nil			
					57	64	65	5328	80	85	5'		Nil			
74	86	Altered Ultrabasic Rock. Carbonate calc-silicate rock. Dark green to white. No magnetite.			64	67'6	44	5329	85	90	5'		.01			
					67'6	70	31 1/2	5330	90	95	5'		.01			
					70	80	70 1/2	4998	113	118	5'		.25			
86	95	Magnetite-Bearing Altered Ultrabasic Rock. Magnetite rock. Some carbonate especially at start. Chlorite and kaolin. Magnetite 86' to 92'. Moderate though variable, 92+			80	90	91 1/2	4999	118	123	5'		.96	57		118' - 347'
					90	100	108	5000	123	125	2'		Nil			
					100	104	44	5319	125	130	5'		.52			
					104	112	87	5320	130	135	5'		.62			229'
					112	113	11	5317	135	140	5'		1.24			1.32%
95	99	Magnetite-Bearing Altered Ultrabasic Rock. Banded (40°) and altered magnetite, calc-silicate rock.			113	123	120	5315	140	145	5'		.69	57		
					123	130	84	5316	145	150	5'		1.23	1.06		20 003
					130	140	112	5318	150	155	5'		2.11			
99	104	? Hornfels Fine dark ? hornfels. Fine disseminated pyrite.			140	150	118	4995	155	160	5'		.91			
					150	160	116	4996	160	165	5'		.87			
104	107'6	Magnetite-Bearing Altered Ultrabasic Rock. Magnetite-kaolin-chlorite rock. Pyrite and pyrrhotite.			160	170	124	4997	165	170	5'		.52			
					170	180	126	5321	170	175	5'		1.13			
					180	182	32	5322	175	180	5'		1.58			
107'6	110	Altered Ultrabasic Rock. Pale carbonate-silicate rock. No			182	192	125	5323	180	182	2'		1.80			
								5324	182	187	5'		.07			

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110	129	<u>Magnetite-Bearing Altered Ultrabasic Rock.</u> Magnetite-dark green calc-silicate rock 112'6" - 113'8" white calc-silicate.		AX	192	202	120	5325	187	192	5'		Nil				
					202	212	110	4050	192	197	5'		2.45				
					212	216'9"	1	5450	197	202	5'		1.22	<del>1.20</del>			
129	130	<u>Altered Ultrabasic Rock.</u> White calc-silicate.		EX	216'9"	224	85	4292	202	203'7"	1'7"		.75				
					224	234	68	4293	203'7"	205'5"	22"		1.27	1.39			
130	182	<u>Magnetite Rock.</u> Magnetite rock. Pyrrhotite 138'6"+. Strong pyrrhotite 146' - 154'			234	244	68	4294	205'5"	212	79"		.87				
					244	254	113	4295	212	216'9"	57"		.54				
182	192	<u>Altered Ultrabasic Rock.</u> White calc-silicate with moderate disseminated pyrrhotite.			254	264	58½	4296	216'9"	220'11"	50"		.37				
					264	268	54	4297	220'11"	224	37		.31				
192	194	<u>Altered Ultrabasic Rock.</u> Dark green micaceous calc-silicate.			268	277	43½	4298	224	227'2"	36		.33				
					277	278	1	4299	227'2"	234	82		.64	8'6"			
194	198	<u>Magnetite-Bearing Altered Ultrabasic Rock.</u> Dark resinous rock. Moderate magnetite and very fine pyrrhotite.			278	284	59	5343	234	244	20	69	.65	0.64%			
					284	292	57	5344	244	249	60	59	.3				
					292	293	5	5345	249	254	60	56	.48				
198	207	<u>Magnetite-Bearing Altered Ultrabasic Rock.</u> Magnetite rock. Black. Pyrrhotite 202' - 206'. Strong.			293	294'6"	3	5346	254	259	60	58	.21				
					294'6"	304'6"	116	5347	259	264	60	57	.26				
					304'6"	314	77	5348	264	269	60	51	1.34	40'			
207	212	<u>Magnetite-Bearing Altered Ultrabasic Rock.</u> Magnetite kaolin rock.			314	316	12	5349	269	274	60	47	2.07				
					316	316'6"	6	5350	274	279	60	43	.66				
212	234	<u>Magnetite-Bearing Altered Ultrabasic Rock.</u> Magnetite white calc-silicate rock.			316'6"	320	10	5145	279	284	60	58	1.37	0.95%			
					320	324	7	5147	284	289	60	40	.29				
234		Magnetite content variable. Pyrrhotite veins and spots.			324	326	13	5148	289	294	60	24	.91				
					326	327	11	5149	294	299	60	53	.55				
234	244'2"	<u>Magnetite-Bearing Altered Ultrabasic Rock.</u> Magnetite green calc-silicate rock. Pyrite patches.			327	330	12	5150	299	304	60	53	.41				
					330	331	9	5701	304	309	60	37	.03				
					331	331'6"	3	5702	309	314	60	44	.14				
244'2"	248	? <u>Gabbro.</u> Greenish medium grained (1mm) gabbro ?			331'6"	332'6"	7	5703	314	324	120	34	.03				
					332'6"	334'6"	24	5704	324	329	60	20	.51	10'	0.56%		
					334'6"	337	27										

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248	253	<u>Magnetite rock.</u> With ? olivine.		EX	337	345	102"	5705	329	334	60	45	.61				
253	254'4	<u>Magnetite rock.</u> Kaolin.			345	348	34	5706	334	337	36	29	.21				
254'4	274	<u>Magnetite rock</u> with olivine and kaolin			348	354	70	5707	337	342	60	60	.15				
		Pale 258' to 259'6"			354	358	39	5713	342	347	60	59	1.01	5'			
274	278'6	<u>Altered ultrabasics.</u> Dark green to black.			358	359	9	5714	347	352	60	60	0.02				
		Magnetite, pyrite and coarse actinolite.			359	361	22	5715	352	357	60	47	Nil				
		Pyrrhotite near 274'6"			361	363	16	5716	357	362	60	55	.32				
278'6	294'6	<u>Altered ultrabasics</u> with magnetite and a white			363	366	36	5717	362	367	60	59	.09				
		fibrous radiating mineral. Grades to a			366	367	12	5718	367	372	60	36	.09				
		dark serpentine bearing rock 283' to 285'			367	368'6	2	5719	372	378	72	72	Nil				
294'6	316	<u>Altered ultrabasics.</u> Actinolite. Magnetite,			368'6	369'6	2	5720	378	382'6	54	49	.20				
		and some coarse and disseminated			369'6	370	6	5721	382'6	387'6	60	49	.11				
		pyrrhotite, especially 298' - 298'8,			370	372	22	5722	387'6	392	54	34	.10				
		300' - 308', 312'6" - 314'			372	378	75	5723	392	396	48	29	.01				
316	332'6	<u>Magnetite rock</u> with black actinolite,			378	382	49	5724	396	401	60	45	Nil				
		serpentine, and chlorite. Altered 316'6 to			382	385	5	5725	401	403	24	4	Nil				
		320'			385	386'6	33	5726	403	404	12	3	.05				
332'6	335'6	<u>Altered ultrabasics,</u> with dark green			386'6	387	5"	5727	404	409	60	58	Nil				
		serpentine.			387	387'6	6"	5728	409	411	24	10	.01				
335'6	341'	As above but with magnetite and sulphides.			387'6	389	8										
		Grades to magnetite rock.			389	390	10										
341'	342'	<u>Altered ultrabasics.</u> Chlorite-carbonate			390	392	16	1843	0'	10'			.07				
		(olivine) rock. Minor sulphides.			392	394'6	16	1845	10	25			.06				
342'	347'	<u>Altered ultrabasics.</u> Dark green serpentine			394'6	396	14	1844	25	35			.02				
		and strong pyrrhotite-chalco-pyrite			396	399	28	5619	197	202			1.08				
		mineralisation.			399	401	17	5617	202	212			.91				
								5620	212	216'9			.17				

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347	354	<u>Altered ultrabasics.</u> but low to moderate magnetite and pyrrhotite.		EX	401	403	4										
354	356'6	<u>Altered ultrabasics.</u> Serpentine and Pyrrhotite.			403	404	3										
					404	404'6	6										
356'6	382'6	<u>Altered ultrabasic rock.</u> Grey and fine grained. Magnetite bearing. Minor disseminated pyrrhotite.			404'6	406	18										
					406	407'6	20										
					407'6	408	4										
382'6	392	<u>Altered Ultrabasic rock.</u> Black, fine grained and resinous.			408	408'6	4										
					408'6	409	4										
392	411	<u>Micaceous quartzites.</u> Fine pyrite.			409	411	10										
		End of Hole															

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