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043

DIAMOND DRILL CORE RECORD

AREA OF OPERATION SAVAGE RIVER - N.W. TASMANIA.

Hole No. D.D. HOLE NO. 7

Drilled by ASSOC. DIAMOND DRILLERS PTY. LTD.

Core Recovery 0-242', 92%; 242-782', 98%; 782-877', 70%.

Geological Logging by — W.J. Atkinson and D. King

Location of Site Traverse C12, 500'W.

Date Commenced 27th May, 1960.

Date Completed 13th July, 1960.

MINE COORDS 25,468N 21,502E

AM66-ords: 351355E 5405966N.

Reduced Level of Site R.L. ~~1001~~ 580·3 ft.

Bearing of Hole ~~270°~~ (approx) ~~258°~~ 252° 40'

Dip of Hole 45° at collar

Bore Depth 877 ft.

Ref No 2036

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample
27/5	0'			0'		M. gr. gabbro-amphibolite, weathered slightly along joint planes to yellow-clays. Disseminated grains pyrite in parts. Magnetite absent. Epidote rich. Texture typical m.g. gabbroic.	0'	
30/5								
		9'9"	4'0"					
	9'9"							
		18'	3'6"					
31/5	18'							
		22'	2'6"					
	22'	24'	2'0"					
	24'							
		26'4"	2'4"					
	26'4"							
		30'	3'4"					
	30'	32'	2'0"					
	32'							
		35'9"	3'9"					
	35'9"	37'3"	1'6"					
	37'3"							
		41'	3'9"					
	41'	43'	1'10"					
								45'

ASSAY RESULTS Core held Plant Room M.

Sample No.	From	To

REFERENCE

- Gabbro-amphibolite, massive.
- Amphibolite, massive, commonly altered to chloritic, serpentinous & epidote-rich types.
- Amphibolite schist. Hornblendic, talcose and chloritic types.
- Magnetite amphibolite, with greater than 5% magnetite by visual estimate.
- Magnetite amphibolite schist, with greater than 5% magnetite by visual estimate.
- Massive, granular magnetite rock, commonly pyritic. Colours show iron values determined by assay.

IRON VALUES

- Less than 30% HCl. Sol. Iron.
- 30-40% HCl. Sol. Iron.
- 40-50% HCl. Sol. Iron.
- Greater than 50% HCl. Sol. Iron.

Hole No. 7

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DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS			
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	
1/6		45'3"	2'3"				45'					
	45'3"	46'4"	1'1"									
	46'4"	49'	2'8"									
	49'	51'6"	1'6"									
	51'6"	52'6"	8"									
	52'6"	54'	1'6"									
	54'	56'6"	2'6"									
	56'6"	58'6"	2'0"									
	58'6"	60'	1'6"									
	60'											
		62'6"	2'6"									
	62'6"	65'6"	3'0"									
	65'6"											
		68'6"	3'0"									
	68'6"											
		72'	3'6"									
	72'											
		75'6"	3'6"									
	75'6"											
		79'8"	4'2"		78'		78'					
	79'8"			78'		Fresh, very little penetration of water along joint planes, f-m. gr. gabbro-amphibolite. No magnetite very minor amts. pyrite < 0.2%.						
		83'	3'4"									
	83'											
		87'6"	4'6"									
	87'6"											
		89'	1'6"									
	89'	91'3"	2'3"									
	91'3"	94'	2'9"									
	94'	96'	2'0"									
	96'											
2/6		99'	3'0"				100'					

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DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS			
Date 1960.	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	
	99'											
		103'	4'0"		103'							
	103'	105'	2'0"	103'		Coarse grained gabbro-amphibolite.						
	105'					Blue-green in colour.						
		108'	3'0"			Pyrite and magnetite absent.						
	108'											
		111'	3'0"									
	111'											
		114'6"	3'6"									
	114'6"											
		119'6"	5'0"									
	119'6"											
		122'6"	3'0"									
	122'6"											
		126'6"	4'0"									
	126'6"											
		131'	4'6"									
	131'											
		135'	4'0"									
	135'											
		139'6"	4'6"									
	139'6"											
		143'3"	3'9"									
	143'3"	145'3"	2'0"									
	145'3"											
		148'3"	3'0"									
	148'3"											
		150'3"	2'0"									
	150'3"	153'	2'9"									
	153'											

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DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960.	From	To	Core Recov.	From	To	Description	Core	Sample
		156'	3'0"				155'	
	156'							
3/6		160'	4'0"					
	160'							
		163'6"	3'6"		163'		163'	
	163'6"			163'		Fine grained, light green, massive		
						barren amphibolite. Pyrite and		
		168'	4'6"			magnetite very rare or absent.		
	168'	170'	2'0"			Minor quartz veining. In places,		
	170'					irregular masses of epidote.		
		173'6"	3'2"					
	173'6"				175'		175'	
				175'		Coarse grained, epidote-rich gabbro-		
		177'6"	1'3"			amphibolite. No magnetite and only		
	177'6"					minor amounts pyrite (<2%) as		
		181'6"	4'0"			irregular grains and veneers on		
	181'6"					fracture planes. Minor serpentinization		
		185'	3'6"			Epidote highly developed, up to 40%		
	185'					in places, causes some distortion of		
		189'	4'0"		188'	original gabbroic texture. Minor qtz. veins.	188'	
	189'			188'				
		192'	3'0"			Similar to previous formation but		
	192'					proportion of epidote is less, about		
						20%. Rock a blue grey colour.		
		197'	5'0"			Pyrite <1%, magnetite nil.		
	197'					Much development of hornblende		
						prism, up to 8 mm long at 225-226'.		
		202'	5'0"					
	202'							
		208'	6'0"					
6/6	208'						210'	

ASSAY RESULTS										
Sample No.	From	To								

Hole No. 7

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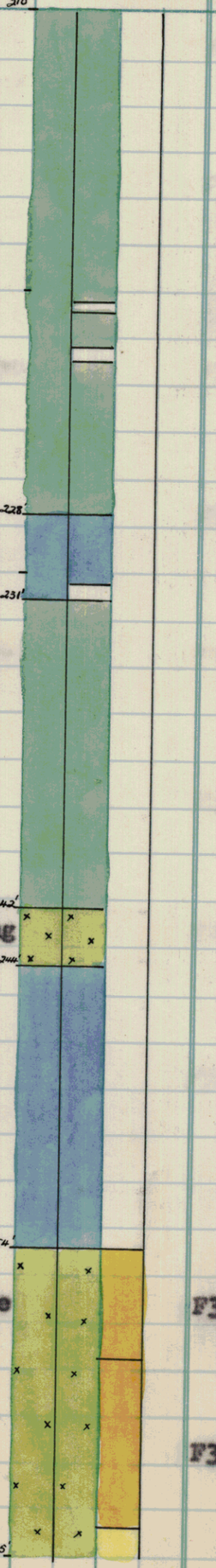
DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS											
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S
		213'	5'0"												T_1		P_2	
	213'																	
		218'9"	5'9"															
	218'9"																	
		220'9"	1'8"															
	220'9"	222'6"	1'3"															
	222'6"																	
		227'6"	5'0"		228'													
	227'6"			228'		F.gr. epidote-rich, massive, barren												
		231'6"	3'6"		231'	amphibolite.												
	231'6"			231'		M.gr. epidote-rich, massive, barren												
		235'	3'6"			gabbro-amphibolite. Some f.gr.												
	235'					amphibolite.												
		237'6"	2'6"															
	237'6"	240'6"	3'0"															
	240'6"				242'													
		244'	3'6"	242'		Altered amphibolite-schist containing minor amts. magnetite.												
	244'	245'6"	1'6"		244'	10-15% pyrite.												
	245'6"			244'		Generally massive, fine and medium												
		248'	2'6"			grained, barren amphibolite.												
	248'					At 247'-248' - schistose with 50%												
		251'	3'0"			pyrite.												
7/6	251'	254'	3'0"															
	254'	255'6"	1'3"		254'													
	255'6"			254'		Magnetite-amphibolite-schist, talcose			F313	254'	258'	31.8						
		262'	6'6"			and serpentinized. Pyrite 5% in parts 10%. A low grade ore.				254'	267'6"	29.9	20.14	0.56	0.08	0.63	3.69	3.56
	262'								F314	258'	264'	31.6			0.05		1.61	
		264'	2'0"															
	264'																	



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DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS										
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
		266'	2'0"				265'												
	266'				267'6"		267'6"		F315	264'	267'6"	24.9			Ti		P	
		269'3"	3'3"	267'6"		F.gr. massive, amphibolite. V.minor													
	269'3"					amts. talc, pyrite and magnetite			F316	267'6"	276'2"	9.5							
		273'3"	4'0"																
	273'3"				276'2"					267'6"	285'3"	10.4	32.28	9.68	0.06	0.74	4.59	11.80
		276'2"	2'11"	276'2"		Pyritic magnetite-amphibolite-	276'2"								0.04		2.00		
	276'2"					schist, some areas of (<1'0") massive			F317	276'2"	281'9"	15.3							
						gabbro-amphibolite and f.grained													
		281'3"	5'1"		281'9"	amphibolite.	281'9"			254'	321'	26.7	21.45	0.57	0.08	0.71	4.78	4.57
	281'3"			281'9"		F.gr. barren, massive, serpentinous									0.05		2.09		
					285'3"	and epidote-rich amphibolite.	285'3"		F318	281'9"	285'3"	4.9							
		286'3"	5'0"	285'3"		Altered, talcose and serpentinous													
	286'3"					magnetite-amphibolite-schist. Massive			F319	285'3"	290'	36.5							
		290'	3'9"			in parts. Pyrite approx. 5%.											By Calculation		
	290'									285'3"	308'	27.6	20.08	0.53	0.08	1.00	4.63	1.57
		293'6"	3'6"						F320	290'	296'	29.8			0.05		2.02		
8/6	293'6"																		
		298'6"	5'0"						F321	296'	302'6"	29.3							
	298'6"																		
		302'6"	4'0"																
	302'6"				302'6"		302'6"		F322	302'6"	308'	15.6							
				302'6"		F.gr. barren, fairly massive													
		306'3"	3'9"			serpentinous and chloritic amphi-													
	306'3"				308'	bolite.	305'			308'	321'	43.9	10.42	0.49	0.11	0.24	6.44	0.98
				308'		F.gr. massive, granular pyritic									0.07		2.81		
		311'	4'9"			magnetite. 10-15% pyrite. Minor			F323	308'	315'	49.0							
	311'					patches barren, f.gr. amphibolite.													
		315'	4'0"																
	315'								F324	315'	321'	38.0							
		319'3"	4'3"																
	319'3"						320'												

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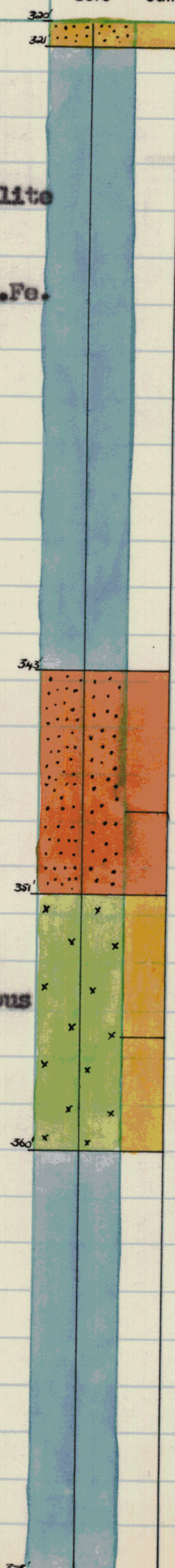
DRILL RECORD				GEOLOGICAL LOG			ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
													T1		P2	
		322'6"	3'0"		321'											
	322'6"			321'		D. green, f-med. grained epidote-										
						rich altered amphibolite. Minor										
		327'6"	5'0"			development of serpentine & actinolite										
	327'6"					Minor qtz. veining.										
						Magnetite visually absent, HCl.Sol.Fe.										
		332'6"	5'0"			content less than 3%.										
	332'6"															
		335'3"	2'9"													
	335'3"															
		340'3"	5'0"													
	340'3"	341'9"	1'6"													
	341'9"	343'	1'3"		343'											
	343'			343'		High-med. grade granular, pyritic										
						and serpentiniferous magnetite.	F325	343'	348'	40.4						
		348'	5'0"													
9/6	348'						F326	348'	351'	40.9						
		351'	3'0"		351'											
	351'			351'		Low to med. grade magnetite-talc-		343'	360'	39.7	13.69	0.35	0.07	0.51	3.87	0.35
		356'	5'0"			amphibolite schist. Serpentiniferous	F327	351'	356'	38.2			0.04		1.69	
	356'					in parts.										
							F328	356'	360'	39.7						
		360'	4'0"		360'											
	360'	361'6"	1'6"	360'		F.gr. massive green amphibolite.										
	361'6"	362'6"	1'0"			Barren. Epidote-rich in parts.										
	362'6"															
		366'	3'6"													
	366'															
		370'6"	4'6"													
	370'6"															
		375'3"	4'9"													

GEOL. SECTION (Core / Sample)



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DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS			
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	
	375'3"						375'					
		377'6"	2'3"									
	377'6"	379'6"	2'0"									
	379'6"											
		384'3"	4'9"									
10/6	384'3"											
		388'6"	4'3"									
	388'6"											
		392'	3'6"									
	392'											
		397'	5'0"									
	397'											
		402'	5'0"									
	402'											
		406'6"	4'6"									
14/6	406'6"	407'3"	9"									
	407'3"											
		410'5"	1'9"									
	410'5"	412'6"	2'1"									
	412'6"											
		417'3"	4'9"									
	417'3"											
		421'	4'0"									
	421'											
		424'3"	3'3"									
	424'3"											
		427'6"	3'3"									
16/6	427'6"	429'	1'6"									
	429'	430'9"	1'0"				430'					

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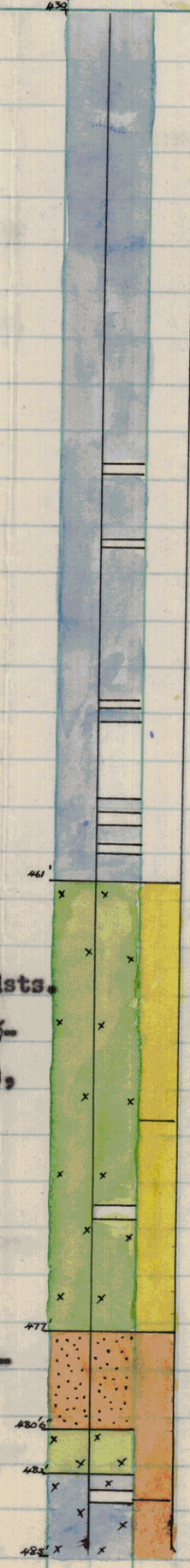
DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample
	430'9"	431'	3"					
	431'	433'6"	2'6"					
	433'6"							
		436'9"	3'3"					
	436'9"							
		440'6"	3'9"					
17/6	440'6"							
		444'6"	4'0"					
	444'6"							
		446'	1'6"					
	446'	446'6"	2"					
	446'6"	449'	2'3"					
	449'	451'9"	2'9"					
	451'9"	454'9"	2'9"					
	454'9"							
		458'	7"					
	458'	459'	4"					
	459'	460'	8"					
20/6	460'	461'	1'0"		461'			
	461'			461'		Altered, talcose & chloritized,		
		464'6"	3'6"			pyritic magnetite-amphibolite-schists.		
	464'6"					Only minor amts. magnetite. Pyr. 5-		
		469'6"	5'0"			1-%. Minor qtz. veining. In parts,		
	469'6"					some f.gr. massive amphibolite.		
		471'	1'6"					
	471'	473'	1'6"					
	473'							
		477'	4'0"		477'			
	477'			477'		F.gr. massive granular pyritic mag-		
		480'6"	3'6"		480'6"	netite. Only small amts. amph. Pyrite 10-15%.		
	480'6"			480'6"		Altered mag-amph-schist.		
		481'6"	1'0"		482'			
	481'6"	483'	1'0"	482'		F.gr. massive, granular, pyritic		



ASSAY RESULTS										
Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
						T1		P2	
F329	461'	469'6"	9.3						
	461'	477'	13.4	30.70	0.41	0.13	0.75	5.85	5.79
F330	469'6"	477'	18.1			0.08		2.55	
F331	477'	483'	47.9						
F332	483'	488'6"	45.6						

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DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS											
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
	483'	485'	2'0"			magnetite with up to 50% massive									Ti		Pv	
21/6	485'	488'6"	3'6"			barren amphibolite rock												
	488'6"								F333	488'6"	493'6"	25.2						
		493'6"	4'6"		491'					477'	498'3"	43.8	9.27	0.52	0.11	0.23	6.67	0.94
	493'6"			491'		High grade, f.gr. pyritic, granular									0.07		2.91	
						massive magnetite. Minor amts.			F334	493'6"	498'3"	56.0						
		498'3"	4'9"			of f.gr. serpentinized amphibolite.												
	498'3"																	
									F335	498'3"	503'3"	51.5						
		503'3"	5'0"															
	503'3"																	
									F336	503'3"	507'6"	54.6						
		507'6"	4'3"							498'3"	520'3"	52.5	5.43	0.56	0.11	0.45	5.23	0.66
	507'6"														0.07		2.28	
									F337	507'6"	512'6"	53.0						
		512'6"	5'0"															
	512'6"								F338	512'6"	515'3"	48.5						
		515'3"	2'9"															
	515'3"																	
									F339	515'3"	520'3"	53.4						
		520'3"	5'0"															
	520'3"																	
									F340	520'3"	525'3"	48.6						
		525'3"	5'0"		525'3"					520'3"	539'9"	46.2	8.73	0.65	0.09	0.11	6.13	0.89
	525'3"			525'3"		F.gr. chloritic and serpentinized									0.05		2.68	
						magnetite amphibolite. Pyrite 10%			F341	525'3"	530'3"	30.3						
22/6		530'3"	5'0"		530'	526-529' - barren serpentinized "soap stone."											by calculation	
										477'	579'	44.8	8.73	0.57	0.08	0.40	7.27	0.97
	530'3"			530'											0.05		3.17	
						F.gr. granular, massive, pyritic			F342	530'3"	535'3"	55.1						
		535'3"	5'0"			magnetite.												
	535'3"					Pyrite 5%, as small, f.gr. irregular												
						lenses apparently aligned parallel			F343	535'3"	539'9"	51.1						
		539'9"	4'6"			to schistosity at 45° to core axis.												

Hole No. 7

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11.

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Q93

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample
	539'9"						540'	
		544'6"	4'9"					
	544'6"							
		549'6"	5'0"					
	549'6"							
		554'6"	5'0"					
	554'6"							
		559'3"	4'6"					
	559'3"							
		564'	4'9"					
23/6	564'				566'			
				566'		Highly pyritic (20-40% FeS_2) schistose magnetite, altered amphibolite-schist and serpentine. Pyrite 60% in parts	566'	
		568'	4'0"					
	568'							
					572'6"	Med. grade iron ore.		
		573'	5'0"	572'6"			572'6"	
	573'					High grade pyritic magnetite, minor amounts serpentine		
		578'	5'0"					
	578'				579'		579'	
				579'		Fairly massive, highly serpentinised magnetite-amphibolite. All amph.now a f.gr. massive serpentine, l.green in colour. Pyr. 2-5%. Magnetite 20-25%.		
		583'	5'0"					
	583'							
		587'	4'0"					
	587'							
		591'3"	4'3"		591'6"		591'6"	
	591'3"	593'	1'9"	591'6"		F.gr. massive, amphibolite. Barren of magnetite & highly serpentinized.	595'	
	593'							

ASSAY RESULTS										
Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn.	% P_2O_5	% S.
						T1		P2	
F344	539'9"	544'6"	53.7						
	539'9"	554'6"	54.7	4.34	0.77	0.08	0.04	5.47	0.53
F345	544'6"	549'6"	55.1			0.05		2.38	
F346	549'6"	554'6"	55.1						
F347	554'6"	559'3"	29.2						
	554'6"	579'	31.6	13.86	0.44	0.02	0.15	11.62	1.62
F348	559'3"	566'	33.5			0.01		5.07	
F349	566'	572'6"	19.6						
F350	572'6"	579'	43.5						
F351	579'	587'	14.4						
F352	587'	591'6"	14.6						
F353	591'6"	599'	4.1						
	579'	632'	10.9	31.08	0.89	0.08	0.33	3.50	12.55
						0.05		1.53	

Hole No. 7

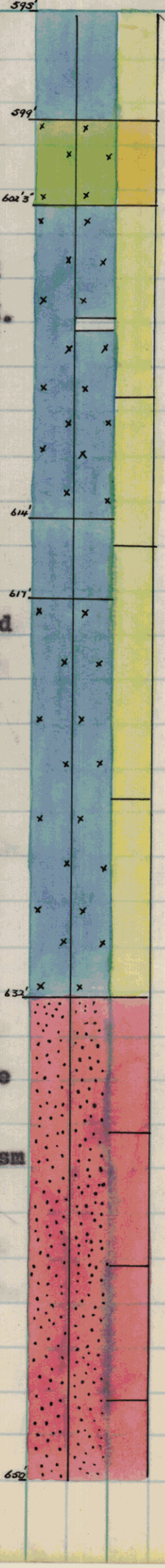
239

12.

32 159

Q43

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION		ASSAY RESULTS										
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
						Pyrite 1-2%. Magnetite < 5%.									Ti		P2	
		598'	5'0"		599'													
24/6	598'	599'6"	1'6"	599'		Serpentinized, magnetite amph-			F354	599'	602'3"	31.5						
	599'6"					schist. Pyrite 15%.												
		602'3"	2'9"		602'3"													
	602'3"			602'3"		Fairly massive, f.gr. serpentinized												
		607'	4'3"			magnetite-amphibolite. Pyrite < 2%.			F355	602'3"	609'6"	12.0						
	607'					Only small amounts magnetite.												
		609'6"	2'6"															
	609'6"								F356	609'6"	615'	12.1						
					614'													
		615'	5'6"	614'		L. green, serpentinized, barren												
27,	615'				617'	amphibolite.												
				617'		Fairly massive, highly serpentinized			F357	615'	624'6"	7.0						
		619'6"	4'6"			magnetite-amphibolite, containing												
	619'6"					only minor amts. magnetite and												
						pyrite. Schistose in parts.												
		624'6"	5'0"															
	624'6"																	
		628'3"	3'9"						F358	624'6"	632'	5.6						
	628'3"																	
					632'													
		633'3"	5'0"	632'														
	633'3"					High grade, f.gr. granular magnetite			F359	632'	637'	55.9						
						Appearance massive but a faint				632'	652'	55.9	4.04	0.62	0.08	0.45	4.45	0.87
		637'	3'9"			schistosity is defined by parallelism									0.05		1.99	
	637'					of pyrite lenses and bands.			F360	637'	642'	58.8						
28/6						Only very minor amts. of chloritic												
		642'	5'0"			serpentine.												
	642'								F361	642'	647'	58.0						
		647'	5'0"															
	647'								F362	647'	652'	51.0						



Hole No. 7

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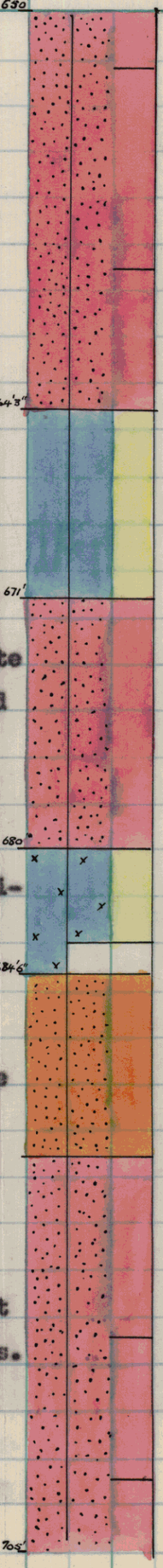
13.

32 160

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960.	From	To	Core Recov.	From	To	Description	Core	Sample
		652'	5'0"					
	652'							
		654'3"	2'3"					
	654'3"							
		659'3"	5'0"					
	659'3"							
					664'3"			
		664'3"	5'0"	664'3"		Barren, serpentinized, f.gr.		
	664'3"					massive amphibolite.		
		667'3"	3'0"					
	667'3"	670'6"	3'3"					
	670'6"				671'			
29/6		674'6"	3'6"	671'		High grade granular pyritic magnetite		
	674'6"					Pyrite 5-7%. Minor qtz. veining and		
						as "vugh" linings.		
		679'6"	5'0"					
	679'6"				680'			
				680'		Massive, schistose in part, serpenti-		
		684'3"	3'10"			nized & slightly talcose magnetite-		
	684'3"				684'6"	amph. Only minor amts. pyrite.		
		686'	1'9"	684'6"				
	686'					High grade, f.gr. granular magnetite		
						Magnetite massive but original		
		691'	5'0"			schistosity shown by lineation of		
	691'	694'	3'0"			pyrite aggregates and lenses.		
	694'					Pyrite 5-7%. At 690 up to 30% of		
		697'6"	2'8"			serpentinized f.gr. amphibolite, but		
	697'6"					generally present in only minor amts.		
		702'6"	5'0"					
	702'6"							



ASSAY RESULTS										
Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S
						Ti		P_2	
F363	652'	659'3"	54.2						
F364	659'3"	664'3"	54.7						
	652'	680'	45.0	12.58	0.91	0.07	0.10	3.13	5.40
						0.04		1.37	
F365	664'3"	671'	9.8						
F366	671'	680'	58.5						
F367	680'	684'6"	22.4						
									by calculation
	632'	751'	54.5	5.93	0.40	0.06	0.16	4.09	1.70
						0.04		1.79	
F368	684'6"	691'	49.6						
	680'	702'6"	48.7	8.79	0.15	0.06	0.05	4.93	0.70
						0.04		2.15	
F369	691'	697'6"	55.1						
F370	697'6"	702'6"	62.7						

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Hole No. 7

32 161

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample
		707'3"	4'9"					
30/6	707'3"							
		711'8"	4'5"					
	711'8"							
		716'8"	5'0"					
	716'8"							
		721'6"	4'10"					
	721'6"							
		726'6"	5'0"					
	726'6"							
		730'9"	4'3"					
	730'9"							
		735'9"	5'0"					
	735'9"							
		740'9"	5'0"					
	740'9"							
		745'	4'3"					
1/7	745'							
		750'	5'0"					
	750'				751'			
				751'		Massive, often schistose in parts, magnetite amphibolite. A low grade ore. Altered chloritized & serpentinized. Pyrite generally less then 5%.		
		755'	5'0"					
	755'							
		758'	3'0"					
	758'							

705'
751'
760'

ASSAY RESULTS										
Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
F371	702'6"	707'3"	58.0			T1		P2	
F372	707'3"	711'8"	62.4						
	702'6"	726'6"	61.7	1.64	0.11	0.06	0.21	4.18	0.51
F373	711'8"	716'8"	63.5			0.04		1.82	
F374	716'8"	721'6"	62.5						
F375	721'6"	726'6"	61.9						
F376	726'6"	730'9"	61.8						
F377	730'9"	735'9"	61.3						
	726'6"	751'	62.4	1.43	0.15	0.05	0.02	4.02	0.24
F378	735'9"	740'9"	62.8			0.03		1.75	
F379	740'9"	745'	64.1						
F380	745'	751'	62.0						
F381	751'	758'	24.0						

14. Q43

Hole No. 7

32 162 242

Q493

DRILL RECORD

Date 1960	From	To	Core Recov.
		763'	5'0"
	763'		
		766'3"	3'3"
	766'3"		
		771'3"	5'0"
	771'3"	773'3"	2'0"
	773'3"		
		777'	3'9"
4/7	777'	779'	2'0"
	779'	779'6"	6"
	779'6"	782'0"	2'6"
7/7	782'		
		787'	1'0"
	787'		
		792'	9"
	792'		
		793'	3"
	793'		
		797'6"	3'6"
	797'6"		
		802'6"	3'3"
	802'6"		
		806'	2'3"
8/7	806'		
		811'	3'6"
	811'		
		814'9"	2'9"

GEOLOGICAL LOG

From	To	Description
	777'	
777'		Grey siliceous country rock with minor magnetite & pyrite. Magnetite-rich band from 779'-779'6". Foliation 45° to hole.
782'		
		Pale greenish fine grained amphibolite, notably talcose & serpentinous. Pyrite abundant as disseminated grains. Only traces of magnetite visible. Foliation at 797'6" at 45° to hole.
	802'6"	
802'6"		
		Pale greenish fine grained amphibolite. Only minor traces of pyrite and magnetite.

GEOL. SECTION

Core Sample

760' 777' 782' 815'

ASSAY RESULTS

Sample No.	From	To	% Fe HCl Sol.	% SiO_2	% Al_2O_3	% TiO_2	% Mn	% P_2O_5	% S.
F382	758'	763'	31.8						
	751'	771'3"	31.5	21.28	1.06	0.10 0·06	0.12	3.58 1·56	7.88
F383	763'	771'3"	37.7						
									by calculation
	751'	782'	29.5	21.78	1.00	0.09 0·05	0.96	3.75 1·63	7.43
F384	771'3"	777'	28.8						
	771'3"	782'	25.6	22.71	0.88	0.08 0·05	0.05	4.06 1·77	6.59
F385	777'	779'	17.4						
F386	779'	779'6"	45.4						
F387	779'6"	782'	20.8						

Hole No. 7

243

16.

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960.	From	To	Core Recov.	From	To	Description	Core	Sample
8/7	814'9"							
		819'9"	2'3"					
	819'9"							
		823'6"	2'3"					
11/7	823'6"							
		828'6"	3'0"					
	828'6"							
		832'6"	3'0"		832'6"			
	832'6"			832'6"				
		834'6"	2'0"					
	834'6"	836'6"	2'0"					
	836'6"							
						Fine grained greenish amphibolite,		
		841'	2'2"			serpentinous, mostly massive, Weakly		
	841'					pyritic from 842' to 843'. No		
		844'6"	2'10"			visible magnetite. Foliation at		
12/7	844'6"					847' and 859' at 45 degrees to hole.		
		847'9"	3'3"					
	847'9"							
		851'	3'3"					
	851'							
		855'	3'6"					
	855'							
		858'3"	3'3"					
	858'3"							
		863'3"	4'0"					
	863'3"							
		866'6"	2'9"					
13/7	866'6"							
		869'3"	2'9"					

ASSAY RESULTS 32 163 (043)

Sample No.	From	To
—	—	—
-	-	-15'

ARSENIC

Hole No. 7

244

32 164

17.

Q43

DRILL RECORD				GEOLOGICAL LOG			GEOL. SECTION	
Date 1960	From	To	Core Recov.	From	To	Description	Core	Sample
13/7	869'3"							
		871'9"	2'6"		871'9"			
	871'9"	874'4"	2'0"	871'9"		Grey siliceous amphibolite country		
	874'4"					rock, pyritic from 872'9" to 873'3"		
		877'	2'8"		877'	Foliation at 40 degrees to hole.		
						END OF HOLE		

ASSAY RESULTS		
Sample No.	From	To

DIP SURVEYS

Depth	Dip of hole
15'	45°
100'	44½°
200'	42¾°
300'	42°
400'	39½°
500'	38½°
600'	35½°
700'	33½°
800'	32¾°