

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS										
Date 1959	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Fe. HCl Sol.	Fe Total	SiO ₂	TiO ₂	Mn.	P ₂ O ₅	S	Al ₂ O ₃
16/4										28'	51'5"			2.74	0.20	0.10	0.04	5.7	0.28
					49'										0.12		0.02		
		49'	Nil	49'	50'	Slightly oxidised granular aggregate of pyr. and magnetite, in white clay matrix (20% clay).				49'	51'5"	48.4							
	49'	51'6"	1'1"	50'		Partially oxidised, friable, granular magnetite. Minor amts. pyrite & clay.													
	51'6"																		
					56'	Appears magnetite cored in preference to clay. Impure, f.gr. magnetite (low grade ore)				51'5"	60'	56.0							
	57'		12"	56'		composed of granular masses of magnetite in a white clay matrix (shows relict schistosity - decomposition product of Amphibolite (actinolite) - schist. Proportion country rock variable throughout formation. Some oxidation to limonite along fissures. Pyrite common but in variable amnts, as granular masses and veinlets. Serpentine present as rare "veneers" on schlickesided joint planes. Massive magnetite in patches.													
		61'3"	2'5"							51.5"	70'			11.37	0.29	0.09	0.11	3.6	0.43
	61'3"	63'3"	2'0"												0.17		0.05		
17/	63'3"	64'3"	1'0"							60'	65'	44.4							
	64'3"	66'	1'9"																
	66'	67'7"	1'7"							65'	70'	32.3							
	67'7"	68'6"	11"																
	68'6"	69'6"	12"																
	69'6"																		
		74'3"	3'9"																
	74'3"									70'	80'	43.7							
		77'9"	3'3"																
	77'9"									70'	90'			9.65	0.37	0.10	0.06	6.7	0.38
		82'3"	2'10"												0.22		0.03		
	82'3"									80'	85'	46.6							
	86'6"	86'6"	1'6"																
	86'6"																		
		91'6"	3'0"							85'	90'	47.6							
	91'6"																		
		93'	1'6"							90'	95'	45.7							
	93'	95'6"	10"	95'6"															
	95'6"			95'6"		Friable, high grade magnetite ore, many voids. Amnt. pyrite generally small. A little chloritized				90'	110'			8.02	0.36	0.12	0.08	3.4	0.65
		98'	1'9"												0.22		0.03		
	98'	100'3"	1'4"							95'	100'	60.5							

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	320'3"																	
		323'6"	2'9"						L511	320'	325'	49.5						
	323'6"	325'3"	1'6"															
1/5	325'3"	326'4"	1'1"						L512	325'	330'	24.4						
	326'4"																	
		331'4"	4'4"															
	331'4"	333'6"	2'2"						L513	330'	335'	37.7						
	333'6"	335'6"	2'0"						L513- L516	330'	350'				0.61			8.1
	335'6"								L514	335'	340'	35.8			0.37			
		339'9"	4'3"															
	339'9"																	
		343'	3'0"						L515	340'	345'	33.5						
	343'	345'3"	2'3"		344'													
	345'3"	346'6"	1'3"	344'		Serpentinized gabbro-amphibolite, fine												
	346'6"					to med.-grained, colour varying from			L516	345'	350'	18.7						
		350'9"	4'3"			light grey to shades of green.												
	350'9"					Chlorite not common, principal mineral												
		354'6"	3'9"			a tough, f.gr. serpentine.			L517	350'	355'	25.2						
2/5	354'6"					Pyrite abundant as granular masses												
		358'9"	3'6"			and veinlets. Proportion magnetite												
	358'9"					small, some local concentrations.			L518	355'	360'	15.8						
		362'3"	3'6"			Generally massive, some lination of												
	362'3"					pyrite and magnetite veinlets.			L517- L520	350'	370'				0.92			6.1
		365'6"	3'0"						L519	360'	365'	9.4			0.55			
	365'6"																	
						Probably some shearing, core rec. poor			L520	365'	370'	9.5						
		371'	10"															
4/5	371'																	
		375'	2'0"						L521	370'	375'	7.6						

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	484'	485'2"	1'2"			banded with variable amounts of magnetite and pyrite	x	x	L544	485'	490'	13.0			T ₁		P ₂		
	485'2"	486'2"	1'0"				x	x											
	486'2"					486'6" - Pyrite vein 1" wide	x	x	L545	490'	495'	20.5							
		491'3"	5'1"		491'3"		x	x											
	491'3"	493'4"	1'11"	491'3"		F.-m. grained magnetite ore of variable grade. Serpentine occurs in variable amts. Pyrite abundant.			L546	495'	500'	13.3							
18/5	495'								L545- L548	490'	510'				0.33				7.5
		500'	1'6"						L547	500'	505'	12.8			0.20				
	500'	502'3"	1'4"																
	502'3"	503'9"	1'6"																
	503'9"								L548	505'	510'	6.4							
		507'3"	2'10"																
	507'3"	507'9"	6"																
	507'9"	509'9"	1'1"						L549	510'	515'	17.9							
19/5	509'9"	511'3"	1'6"																
	511'3"	513'	1'9"																
	513'	513'6"	6"						L550	515'	520'	16.2							
	513'6"	517'	2'6"						L549- L551	510'	525'				0.28				8.7
	517'								L551	520'	525'	17.6			0.17				
		519'8"	1'4"																
	519'8"																		
		524'2"	4'1"																
	524'2"				525'				L552	525'	530'	31.0							
		526'9"	2'7"	525'		F.m. grained, hard, massive magnetite containing considerable proportions of pyrite as cubes and granular masses. Generally small variable masses of serpentine.			L553	530'	535'	42.6							
20/5		530'3"	3'6"						L552- L554	525'	539'			13.94	0.78	0.13	0.80	5.0	1.70
	530'3"	534'9"	4'6"						L554	535'	539'	44.2			0.47		0.35		
	534'9"					High grade ore.													
		539'0"	4'3"		539'				L555	539'	544'6"	3.4			1.06				1.2
	539'0"			539'		Fine grained, massive, dark green									0.64				

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1959	650'7"					magnetite in the aggregate.													
	655'9"	655'9"	5'2"			Narrow seams of magnetite associated with pyrite occurrences between:													
		660'2"	4'5"			771'8" - 772'0"; 772'3" - 772'6".													
	660'2"																		
		665'0"	4'10"																
28/5	665'0"																		
		673'0"	8'0"																
	673'0"	675'6"	2'6"																
	675'6"																		
		681'0"	5'6"																
	681'0"																		
		689'6"	8'0"																
	689'6"																		
		697'0"	7'6"																
29/5	697'0"																		

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Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	Fe HCl Sol	Fe Total	SiO ₂	TiO ₂	Mn	P ₂ O ₅	S	Al ₂ O ₃	
	871'0"								L589	870'	875'	55.9								
	874'9"	3'6"							L590	875'	880'	50.5								
	874'9"																			
	879'7"	4'10"							L591	880'	885'	57.5								
8/6	879'7"								L590- L592	875'	893'3"			6.31	0.89	0.05	0.03	4.1	0.30	
15/6	883'8"	4'1"							L592	885'	893'3"	55.9			0.53		0.01			
17/6	887'3"	4'3"																		
	892'3"	5'4"			893'3"				L593	893'3"	895'6"	11.3			1.58				0.85	
	896'0"	4'0"		893'3"	895'6"	Massive, pale-green amphibolite country rock. High grade magnetite rock containing seams of pyrite averaging 8-10% estimated by volume. Pyrite seam at 902' trends at 45° to long axis of core. Pyrite continues to 905'.			L594	895'6"	900'0"	59.2								
	896'0"			895'6"					L595	900'	905'	56.2								
									L594- L597	895'6"	918'			7.20	1.09	0.04	0.01	1.7	1.47	
18 '6	906'0"	10'0"							L596	905'	910'	59.2			0.65		0.004			
	915'0"	8'7"																		
	915'0"				918'4"				L598	918'	930'	7.6								
				918'4"		Pale green massive amphibolite containing occasional masses of crystalline pyrite & mildly sheared Schistosity generally at 45° to long axis core.			L598- L599	918'	940'				0.18			0.81		
	924'0"	5'2"													0.11					

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Al₂O₃

