

DIAMOND DRILL CORE RECORD

Hole No. 9  
 Drilled by Associated Diamond Drillers  
 Core Recovery .....  
 Geological Logging by—  
Hughes

Area of Operation Savage River  
 Location of Site 1600' W on A. Traverse  
 Date Commenced 25.8.60 (same as No 6)  
 Date Completed .....  
 MINE COORDS 22,860 N 21,065 E

Reduced Level of Site 1505? 1079.6  
1405 1085  
 Bearing of Hole 275° 268°  
 Dip of Hole 45° 32.171  
 Bore Depth 665'6"

Ref No 2038

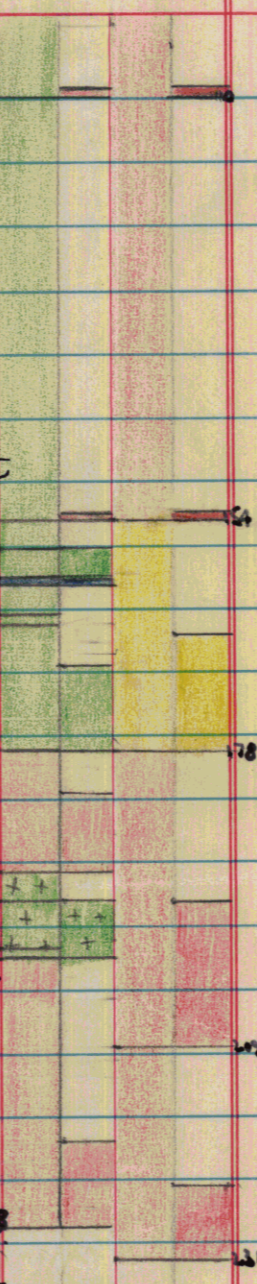
AMG Co-ords: 351195E 5405197N

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS										
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	SiO <sub>2</sub>	HCl Sol Fe	Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Mn	CaO	S	
	0'	110'	1'	0	110'	Only 1 foot of weathered quartzite			1	0	154	19.08	50.3	13.13	0.42	0.05	0.13	1.88	
	110'	154'	9"	110	154'	Few inches of quartzite with little pyrite - few inches of schistose amphibolite			2	154	178	37.58	7.0	13.19	0.89	0.18	0.20	2.52	
	157'	160'	2'																
	160'	161'3"	1'2"	154'	157'	Massive amphib. - weathered with little quartzite													
	161'3"	165'	2'3"																
	165'	167'9"	1'	157'	160'	Harder amphib. with little quartzite pyrite and narrow albite veins													
	167'9"	169'	1'																
	169'	171'	1'4"	160	161'3"	Sheared amphibolite													
	171'	175'	1'9"	161'3"	164'	Coarse grained massive amphibolite little weathered - much pyrite - little quartzite - large amphibole crystals			3	178	209'6"	4.49	53.0	2.15	0.56	0.07	0.12	5.54	
	175'	178'	8"																
	178'	180'	6"																
	180'	183'	17'	164	165'	More weathered													
	183'	183'6"	3"	165	178'	Fine grained massive amphib. - solid little pyrite - sparse quartzite - jointing													
	183'6"	187'	2'4"																
	187'	190'	2'10"	178	191'	Medium grade ore - some pyrite													
	190'	194'	2'7"	191	194'	Soft weathered amphib. - green clay													
	194'	198'	2'3"	194	199'	Medium grade ore													
	198'	200'	2'	199	200'	Mathy amphib. weathered to green clay													
	200'	204'6"	2'	200	228'	Medium grade ore - some pyrite very poor core recovery.			4	209'6"	231'	5.56	55.6	2.74	0.57	0.06	0.06	7.61	
	204'6"	209'3"	7"																
	209'3"	210'6"	1'3"																
	210'6"	215'6"	2'																
	215'6"	219'	1'6"																
	219'	221'	1'6"																
	221'	223'	11"																
	223'	226'	7"																

No core held

20' = 1"

Handwritten assay notes and corrections in red ink, including values for SiO<sub>2</sub>, HCl Sol Fe, Al<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub>, Mn, CaO, and S, with some corrections like '0.25' and '0.06'.





DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS										
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	SiO <sub>2</sub>	HCl Sol Fe	Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	Mn	SP <sub>5</sub>	S	
				333'0"	334'3"	Decomposed and iron stained amphibolite with a little pyrite.													
334'3"	334'3"	339'3"	2'3"	334'3"	339'3"	Lower grade iron ore - much white material, probably altered amphibolite, banding and shearing at 45° to core			9	344	364	4.06	52.1	1.85	0.98	0.13	0.40	8.15	
	339'3"	343'0"	3'9"																
	343'0"	346'3"	3'3"																
	346'3"	350'0"	3'7"	339'3"	374'6"	Iron ore with pyrite - from 343 jointing at 68 at 364: altered vein													
	350'0"	355'0"	5'0"																
	355'0"	358'0"	3'0"	374'6"	376'0"	Lower grade iron with more altered amphibolite													
	358'0"	363'0"	5'0"	376'0"	377'0"	Low grade iron with blotches of white weathered material and veins of same parallel to core			10	364	384	5.95	48.4	1.73	1.23	0.14	0.24	8.91	
	363'0"	367'0"	4'0"																
	367'0"	372'0"	2'0"																
	372'0"	377'0"	5'0"																
	377'0"	382'0"	5'0"	377'0"	401'0"	Iron ore with pyrite and blotches of white weathered amphibolite			11	384	404	6.5	48.2	1.99	1.39	0.19	0.51	7.43	
	382'0"	387'0"	5'0"																
	387'0"	392'0"	4'6"			400-401 more altered amphibolite													
	392'0"	397'0"	4'8"																
	397'0"	401'0"	3'10"																
	401'0"	405'0"	4'0"	401'0"	405'0"	Lower grade iron ore, sheared and altered amphibolite from 402 to 404			12	404	424	13.76	37.8	2.11	1.07	0.18	0.31	6.11	
	405'0"	409'6"	4'6"																
	409'6"	413'0"	3'4"	405'0"	416'6"	Low grade iron ore with much altered amphibolite													
	413'0"	418'0"	3'0"																
				416'6"	418'0"	Highly sheared, weathered and altered amphibolite with spots of iron ore													
	418'0"	420'3"	1'8"	418'0"	423'0"	Low grade iron ore with blotches of altered amphibolite. Amphibolite and pyrite both rather friable													
	420'3"	424'0"	2'9"																
				423'0"	423'9"	Altered amphibolite - pyrite													
				423'9"	424'0"	Low grade iron ore as above													
	424'0"	428'0"	4'0"	424'0"	427'0"	Low grade iron ore with much altered amphibolite and pyrite.			13	424	444	10.12	40.9	1.73	1.11	0.19	0.16	9.30	
	428'0"	430'0"	2'0"																
	430'0"	433'0"	3'0"	427'0"	428'0"	Highly pyritic and weathered low grade iron ore													
	433'0"	435'0"	2'0"																
				428'0"	433'9"	Iron ore with nodules of pyrite and altered amphibolite. At 431'9" veins of altered material.													

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DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS					
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To			
	590'0"	591'6"	0'8"			585'-604': core badly broken and decomposed, a probable zone of fracture.								
	591'6"	593'0"	0'8"											
	593'0"	595'0"	0'8"											
	595'0"	597'0"	nil											
	597'0"	599'0"	nil											
	599'0"	600'0"	nil											
	600'0"	601'0"	nil											
	601'0"	602'0"	-											
	602'0"	604'0"	0'8"											
	604'0"	606'0"	0'9"	603'0"	604'0"	very broken iron ore and decomposed amphibolite.			603		611			
	606'0"	608'0"	0'10"											
	608'0"	609'0"	0'9"	604'0"	608'0"	very broken iron ore with pyrite								
	609'0"	611'0"	1'2"	608'0"	609'0"	3" iron ore, 6" fine grained sheared amphibolite.								
	611'0"	612'6"	0'10"											
				609'0"	611'0"	extremely broken iron ore with pyrite.								
				611'0"	612'6"	broken weathered fine grained and amphibolite and pyritic magnetite ore.								
	612'6"	614'0"	0'9"	612'6"	617'0"	as above with very small amount of ore.								
	617'0"	618'3"	nil	617'0"	618'3"	-								
	618'3"	620'0"	1'2"	618'3"	622'0"	fine grained amphibolite, pyrite and								
	620'0"	622'0"	1'8"			repartures along joints, very broken 620-622								
	622'0"	626'0"	3'8"	622'0"	622'0"	Amphibolite with blotches of pyrite, jointing at 20° to loc.								
	626'0"	630'0"	1'9"											
	630'0"	632'0"	0'6"											
	632'0"	634'0"	0'3"											
	634'0"	638'0"	1'1"											
	638'0"	642'0"	0'11"											
	642'0"	644'6"	0'6"	642'0"	651'0"	very broken, fine grained amphibolite								
	644'6"	647'6"	1'2"											
	647'6"	649'0"	0'3"											
	649'0"	651'0"	0'1"											
	651'0"	653'0"	1'6"	651'0"	653'0"	weathered reverts chlorite schist								
	653'0"	654'0"	0'9"	653'0"	653'6"	As above with small amounts								
	654'0"	656'0"	1'0"			of fine grained, schistous amphibolite								

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651

565

Schist

