

DIAMOND DRILL CORE RECORD

QAB  
397

Hole No. D.D.H. 101  
 Drilled by ASSOCIATED DIAMOND DRILLERS  
 Core Recovery 60.5%  
 Geological Logging by—  
D.J. PERKIN

Area of Operation SAVAGE RIVER  
 Location of Site 113'E ALONG TRAVERSE B80; 40'S  
 Date Commenced 31-8-64  
 Date Completed 30-9-64

Reduced Level of Site 1087.0'  
 Bearing of Hole 267° 50'  
 Dip of Hole -45° -45° -47° -47°  
 Bore Depth 600.0'

MINE COORDS 29110N 21,40SE

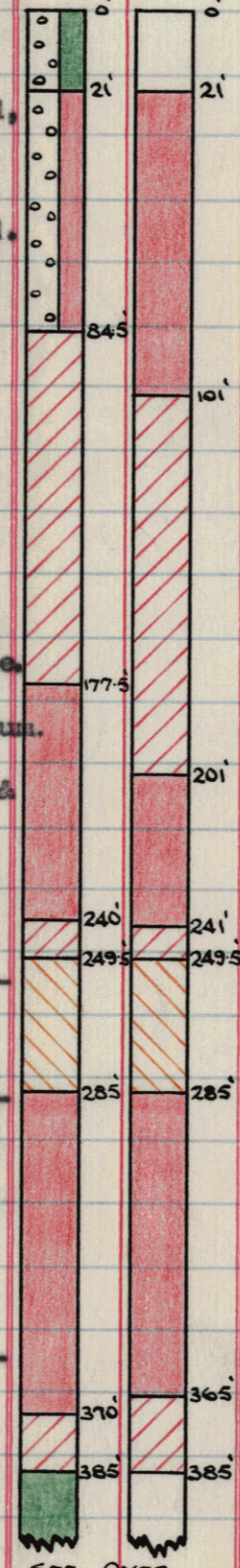
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MG Co-ords: 351323 E 5405427 N

Ref No 2076  
 No Core held

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS															
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No. From Ft.	To Ft.	CRUDE			CONCENTRATE (MESH)										
											% Fe	% Ni*	% T102*	Wt Recov. ery	% Fe	% Ni*	% T10c*							
1964	0.0	27.0	8.8	0.0	21.0	Amphibolite clay - oxidised Amph.			21	41	67.5	.035	.22	71.9	69.5	.034	.11							
	27.0	89.0	58.7	21.0	84.5	magnetite (rich) fine - medium grain, fairly to slightly oxidised,			41	61	67.6	.036	.20	85.8	69.4	.039	.12							
	89.0	104.0	15.0			sparse disseminated pyrite.			61	81	66.5	.042	.09	88.2	69.2	.039	.04							
	104.0	116.0	10.8						81	101	58.9	.052	.17	74.1	69.3	.049	.08							
	116.0	150.0	12.8	84.5	177.5	Magnetite (Med. - rich) fine - med. grain with moderate amounts of			101	121	50.1	.070	.18	58.6	69.0	.055	.12							
	115.0	190.0	23.0			greenish - white serpentine, and			121	141	46.9	.069	.16	58.5	68.5	.064	.09							
	190.0	218.0	24.6			minor talc, pyrite, tremolite -			141	161	50.1	.064	.17	64.7	69.0	.060	.08							
	218.0	249.0	11.6			actinolite and chlorite.			161	181	47.5	.065	.14	60.3	68.8	.061	.06							
	249.0	281.0	15.6						181	201	53.7	.053	.18	70.1	69.6	.051	.15							
	281.0	320.0	27.9	177.5	240.0	Magnetite (Rich) fine - medium grain with minor pyrite,			201	221	58.4	.058	.25	75.4	70.0	.057	.15							
	320.0	352.0	29.5			tremolite - actinolite & serpentine.			221	241	55.7	.069	.35	70.5	69.7	.068	.23							
	352.0	380.0	14.7						241	249.5	45.9	.079	.25	54.4	69.5	.072	.23							
	380.0	397.0	10.4	240.0	249.5	Magnetite (Med. Rich) fine - medium grain with moderate amts. pyrite, &			249.5	265	22.6	.110	.09	21.9	67.3	.081	.18							
	397.0	416.0	5.3			serpentine showing irregular			265	285	22.2	.170	.23	13.5	67.5	.120	.25							
	416.0	419.6	0.5			banding (Delta Angle varying from			285	305	62.7	.056	.33	81.3	70.6	.053	.20							
	419.6	448.0	9.0			40-50o) magnetite (Med. Lean) Fine-			305	325	58.3	.064	.34	72.4	70.7	.055	.20							
	448.0	456.5	6.1	249.5	285.0	Medium grain magnetite occurs in			325	345	62.6	.059	.11	79.1	71.2	.053	.04							
	456.5	486.0	25.9			irregular bands in healed amphibol-			345	365	63.8	.054	.43	83.0	71.3	.044	.15							
	486.0	504.0	12.3			ite (Delta Angle = 40 - 50o)			365	385	54.6	.051	.90	70.2	70.8	.044	.57							
	504.0	508.0	3.9						385	395	10.4													
	508.0	512.0	8.4	285.0	370.0	Magnetite (Rich) fine - medium grain with minor pyrite dissem.			WEIGHTED AVERAGES.									54.1	.065	.25	66.9	69.6	.051	.16
	521.0	529.0	5.0			throughout with sparse talc, trem.-			* ANALYSES BY NATIONAL SPECTRO GRAPHIC															
	529.0	534.0	3.0			actinolite and chlorite minerals &			LEGEND															
	534.0	563.5	13.7			some minor amph. zones. Magnetite			RICH > 55%Fe									Med. Lean > 22%Fe						
	563.5	585.7	14.2	370.0	385.0	(Med. Rich) Fine - Med. grain, with			MED. RICH > 44%Fe									Lean > 11%Fe						
	585.7	600.0	12.2			minor pyrite & sparse amph. zones.			MED. > 33%Fe									Amph. < 11%Fe						
	Hole Bottomed								Zones of Oxidation															
	Total			382.9																				

SCALE 1" = 50'



DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS				
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To		
				385.0	534.0	Amphibolite - fairly fine grain, massive with minor sheared (schistose) zones. Minor Py, epidote and sparse magnetite dissem. throughout in blebs and occasional stringers serpentine, chlorite and hematite film along fracture planes.	534'	534'					
				534.0	547.0	Magnetite (Lean) medium grain magnetite is dissem. throughout amphibolite as large irregular masses and veins - somewhat schistose in places, (Delta Angles 40-50o) with minor pyrite.	547'	547'					
				547.0	600.0	Amphibolite fine-med. grain, massive with minor hornblende and epidote dissem. throughout. Minor Quartz - carbonate veins throughout. Hematite, serpentine and chlorite film along fracture planes.	600'	600'					
				<u>END OF HOLE</u>									

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