

DRILLING TARGET:—

Ref 2581

REMARKS:—

SURVEY DATA			ASSAY DATA											
DEPTH feet	Bearing mag.	Inclin. degs.	SAMPLE No.	FROM		TO		RECOVERY		HCl	ASSAY RESULTS			
				ft.	ins.	ft.	ins.	ft.	ins.		%	Sol.Fe		
			714048	33		39		5		83.3	34.7			

GEOLOGICAL LOG

Logged by:—

FROM ft. ins.	TO ft. ins.	RECOVERY		DESCRIPTION	SECTION	
		ft. ins.	%		Core	Sample
10	18	2 0	25	Leached Iron Ore with occasional weathered Amphibolite (broken-orange and brown in colour)		
18	19	6	50	Talcose Schist (soft yellow-brown)		
19	19 6	6	100	Leached Orange-Brown Iron Ore fragments		
19 6	24	1 6	33	Green-White Talcose Schist with iron staining. Core relatively solid.		
24	27	1 6	50	Soft, puggy Green-White Talcose Schist		
27	28	3	25%	As for 19'6" -- 24'0"		
28	29	9	75	Brown Clay with Talcose Schist fragments.		
29	30	1	100	Talcose Shloritic Schist with numerous Haematite veinlets.		
30	31	1	100	Talcose Schist fragments and clay.		
31	33	1	50	OXIDISED IRON ORE fragments and Talcose Schist.		
33	39	5	83	OXIDISED IRON ORE fragments containing Quartz-Feldspar		

Continued over:—

INDUSTRIAL & MINING INVESTIGATIONS PTY. LIMITED

DIAMOND DRILL CORE RECORD

No Core held.

HOLE No.:— 49	MAP SHEET No.	DISTRICT SAVAGE RIVER	LOCATION OF SITE:— NORTHERN DEPOSIT
AMG Co-ords: 335166 E 5407466 N.			
R.L. OF SITE:— Approx 1050 ft.	SITE SURVEY ON MAP No.:—	CORE SIZE:—	
BEARING OF HOLE:— West along Traverse	AIR PHOTO No.:—	COMMENCED:— 2.11.71	
INCLINATION OF HOLE:— 50°	DRILL:— Diamond	COMPLETED:— 26.11.71	
CO-ORDS. OF SITE:— Traverse D23A 100 ft. E. of Baseline	DRILLER:— A.D.D.	FINAL DEPTH:— 290 ft.	

FROM		TO		RECOVERY		DESCRIPTION	SECTION		
ft.	ins.	ft.	ins.	ft.	ins.		%	Core	Sample
39		45		3		50	Talcosc Chloritic Schist stained purple by iron solutions.		
45		47		1		50	As above but core softer and less staining		
47		56	6	3	3	50%	Decomposed schistose Amphibolite with minor schist and iron fragments in last 3" of core.		
56	6	61	6				NO CORE - loss of water return		
61	6	91	6	25		83	Oxidised Iron Ore and weathered Talcosc Amphibolite becoming more solid with depth. Numerous vugs present.		
91	6	95		3		75	Weathered Talcosc Amphibolite Schist fragments and clay. Some iron grains in last 1'6" of core.		
95		104	9	5		50	Red-brown clay and fragments		
104	9	105		3		100	Soft crystalline rock of chlorite and Quartz-feldspar.		
105		107		1	6	75	Quartz Feldspar with minor Magnetite grains.		
107		113	3	3		48	Soft crumbly & puggy. Talcosc Chloritic Schist and clay. Last 9" harder and containing iron grains.		
113	3	113	6		3	100	Dark Grey Zone		
113	6	114	3		3	33	Talcosc Schist fragments plus clay		
114	3	117	3		3	8	Fragments of sheared Amphibolite, Talcosc Schist, Quartz and occasional Magnetite blebs.		
117	3	131	10	16		75	Clay + Puggy Talcosc Schist with fragments of Quartz and occasional aggregates of Magnetite grains		
131		134	6		6	14	Fragments of Talcosc Schist with Magnetite grains and iron staining in last 3" of core. Some Quartz fragments.		
134	6	139	6		2	40	Fragmentary sheared Amphibolite with Magnetite grains - rusty appearance		

Continued over

ASSAY DATA

SAMPLE No.	FROM		TO		RECOVERY		HCl											
	ft.	ins.	ft.	ins.	ft.	ins.	%	ASSAY RESULTS										
714049	61	6	71	6				Sol. Fe										
714050	71	6	81	6	28		83.3	53.9										
714051	81	6	91	6				63.2										
714052	134	6	139		2		40	63.6										
714053	153	6	164		9		75	49.7										
								37.3										

FROM		TO		RECOVERY			DESCRIPTION	SECTION	
ft.	ins.	ft.	ins.	ft.	ins.	%		Core	Sample
139	6	140		6		100	Brown decomposed Amphibolite.		
140		141	6	6		33	Fragments of oxidised iron and sheared Amphibolite.		
141	6	141	9	3		100	Purple (iron stained) Clay		
141	9	144	6	6		18	Fragments of blue-green sheared Amphibolite with occasional Magnetite grains		
144	6	150	0	2	6	45	As above, but core more puggy		
150		153	6	6		14	Shear Zone - Puggy green clay with purple (Iron) staining		
153	6	175	6	18		81	AMPHIBOLITE AND MAGNETITE. Talc and pyrite present.		
175	6	182	3	1		14	MAGNETITE with minor talcose amphibolite and pyrite		
182	3	183		9		100	Sheared Talcose Amphibolite and occasional Magnetite grains.		
183		185	3	6		22	MAGNETITE with minor Pyrite, Talc and Amphibolite		
185	3	186	3	6		50	Talcose Amphibolite and Magnetite with Pyrite		
186	3	187	9	6		33	Sheared Amphibolite with Pyrite, Talc, Epidote, Tourmaline and occasional Magnetite blebs. Last 3" sheared, soft and greasy.		
187	9	190		1		44	MAGNETITE with minor Talcose Amphibolite and Pyrite		
190		209	6	24		70	Sheared Amphibolite with minor Tourmaline and Epidote e.g. 190-194. Occasional Magnetite and Haematite blebs with serpentine and talc. eg 206-206'6" and 207'9"-209'6"		
209	6	228		13	6	72	Similar to above but less sheared.		

Continued over

ASSAY DATA

SAMPLE No.	FROM		TO		RECOVERY		ASSAY RESULTS										
	ft.	ins.	ft.	ins.	ft.	ins.	%	HCl Sol. Fe									
714054	164		172		8		100	48.0									
714055	182		190		3		37.5	42.6									
720865	170	6	182					48.9) Sludge Samples								
720866	182		192					49.5									

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FROM		TO		RECOVERY		DESCRIPTION	SECTION	
ft.	ins.	ft.	ins.	ft.	ins.		Core	Sample
228		231	6	3	6	100	Broken and greasy Talcose Amphibolite Schist fragments with minor Magnetite blebs.	
231	6	238		6	6	100	Slightly sheared Amphibolite with minor talcose zones and only occasional Magnetite blebs eg 231'6"-233'	
238		239	6	1	6	100	Metasomatised Amphibolite with occasional Magnetite, Pyrite and Quartz	
239	6	240	9	2	3	100	As for 231'6"- 238'	
240	9	242		1	3	100	As for 238'- 239'6"	
242		246	3	4	3	100	Broken and sheared Amphibolite with minor Magnetite blebs scattered throughout the core. Some alteration to serpentine and talc. Pyrite present.	
246	3	248	9	2	6	100	Similar to above but less Magnetite	
248	9	251		2	3	100	Metasomatised Amphibolite with Quartz, Pyrite and occasional Magnetite blebs eg 250'-251'	
251		265	6	14	6	100	As above but with less Magnetite eg 251-251'6"	
265	6	275		9	6	100	As above, plus talc, Quartz and more Magnetite occurrences. Pyrite 272'-275'6"	
275		290		15		100	Sheared Amphibolite with abundant Pyrite. Occasional Epidote, Haematite veinlets and small blebs of Magnetite e.g. 285'9"- 286'	

Continued over

ASSAY DATA

SAMPLE No.	FROM		TO		RECOVERY		ASSAY RESULTS							
	ft.	ins.	ft.	ins.	ft.	ins.	HCl Sol.Fe							
714058	248	9	254	6	5	3	100	14.5						
714058														
720865	265	6	275	6	10		100	13.7						

