

GRAHAM-0013-A1

LOAD: 16 mm.

Property McVITTIE - GILMAN COMPANY LIMITED

BIA (M) MILL (11.0)

Hole No. 1-1 Sheet No. 1 Lat. 11-70 E Total Depth 450.2'Section _____ Dep. 4-00 E Elev. Collar _____Date begun December 3, 1960 Closing _____ Elev. Bottom _____Date finished December 8, 1960 Angle Vertical Datum - 1.3.

Depth Feet	Formation	Sample No.	Width of sample	Gold \$	Sludge Gold \$	
				Cu	Ni	Cu-Ni.
0-10	Casing		Width			
10.0-129.1	Norite - dark green-black, medium to coarse grained. In places quite siliceous, and feltspathic. Developed blue quartz "eyes". Scattered sulphides throughout mainly pyrr - some pyr and chalco.					
10'	scattered pyrr - pyr - some Cu. (1-2% s. of core)	765	10'	0.05	0.07	0.12
20'	" " " " " " " " " " " "	767	10'	0.07	0.09	0.16
30.0'	" " " " " " " " " " " " (2-4% s. of core)	768	10'	0.11	0.11	0.22
31-6"	greenstone inclusion					
36-36"	increase in sulphides to 5% of core					
40'	Mineralized -3-5% of core pyrr. pyr. some Cu.	769	10'	0.14	0.11	0.25
50'	" " " up to 10% s. in core pyrr. pyr some Cu	770	10'	0.35	0.36	0.71
60'	" " " 2-3% of core very minor	772	10'	0.15	0.12	0.27
70'	" " " weak 1-3% of core	773	10'	0.05	0.10	0.15
80'	" " " 3-6% s. of core pyrr. pyr. some Cu.	774	5'	0.15	0.18	0.33
84.8'	1" quartz stringer					
85'	Mineralized-weak (1-3% Sulphides)	775	10'	0.09	0.09	0.18
86'	Siliceous					
92.8'	11" Aplite dyke light pink					
95'	Nor-mineralized 4-8% of core pyrr. pyr. some Cu.	776	5'	0.08	0.18	0.26
100'	Nor-mineralized minor Cu flecks	777	10'	0.03	0.08	0.11

Average .12% Cu. - .13% Ni (10.0' - 110')
100'

Property McVITTIS-PARTS COMPANY MINES

Hole No. 1-1 Sheet No. 2

Station 00-1.0.

Depth Feet	Formation	Sample No.	Width of sample	Gold Sludge		
				Gold \$	Cu. Ni.	Cu.-Ni.
	Or 0.19% Cu. - 0.17% Ni. (30'-70')					
	40.0'					
	104.3' 12" dyke fine grained					
	110' Slightly mineralized Norite	778	5'	0.07	0.15	0.22
	112.1' 1" Qtz. stringer					
	114.6' (12') quite feldspathic - coarse grained, long euhedral xls of amphibole, very odd fleck of sulphide					
	128.8' 3" Qtz. vein					
129.1-135.0	Trap dyke fine grained, light grey-green					
135.0-293.6	Norite, as before - noted blue quartz "eyes" slightly mineralized	779	12.7'	0.03	0.06	0.09
	148' - 30" quite feldspathic					
	150'-180' Norite sparse sulphide mineralization					
	154.4' Norite as above very minor mineralization	780	10'	0.04	0.05	0.09
	164.4' Norite very sparse mineralization	781	15'	0.01	0.03	0.04
	184' Shearing (weak) 45° to core					
	179.4' Norite minor flecks of sulphide	782	15'	0.02	0.04	0.06
	194.4' " " " " " "	783	15'	0.01	0.03	0.04
	209.4' Norite blue Qtz. "eyes" very odd fleck S.	784	15'	0.01	0.04	0.05
	224.4' " " " " " " " S.	785	15'	0.04	0.08	0.12
	244.9' 1" Qtz. stringer					
	250-280' Norite, biotitic - med. grained no Qtz "eyes"					
	253.7' Odd fleck sulphide throughout	786	12.5'	0.07	0.07	0.14

Property McVITTIE-GRAHAM DIAMOND DRILLING LIMITED

Hole No. N-1 Sheet No. 3

Diagram 90-1.3.

Depth Feet		Sample No.	Width of sample	Gold Sludge \$	Gold \$
264.2	tz. stringer				
266.5'	tz. stringer = 60° to core				
268.8'	tz. stringer bearing - 60° to core				
293.6'-301.4'	altered schist? fine grained, light green highly altered some stringers.				
301.4'-304.3'	Olivine diabase - chilled, very fine grained dark brown				
304.3'-313.7'	Amphibolite schist? (Altered Norite?) as before				
311.1	1" Olivine diabase 55° to core				
313.7'-344.2'	Olivine diabase - dark brown - fine to medium grained chilled contact				
318.7'	12" lost core				
344.2'-355.9'	Recrystallized gabbro dark green medium to fine grained amphibole, feldspar part of footwall rock not part of the eruptive complex.				
360.9'	2" tz. stringer - 30° to core				
365.9'-368.3'	Biotite schist black-brown, fine grained, fragments up to 3/4" at pink feldspar.				
368.3'-372.4'	Recrystallized gabbro - as before				
372.4'-374.2'	Brecciated rock - mainly granite fragments				
374.2'-383.5'	Abt. granite (Creighton) - coarse grained - large semi-angular phenocrysts of feldspar - quartz, feldspar, hornblende.				
383.5'-387.9'	Diabase Dyke - fine grained dark green ophitic texture contact 45° to core.				
387.9'-450.2'	Granite (Creighton) as before				
450.2'	End of hole.				

Logged by D. W. Coates

Drilled by N. Morissette Diamond Drilling Company Limited

Property McVITTIE - BOUND LINDING & LEASE LIMITED

DIAMOND DRILL LOG

Hole No. 1-2 Sheet No. 2

Depth Feet	Formation	Sample No.	Width of sample Ft.	Ass. Gold	Gr. Gold	
383 - 393	qtz. "eyes" biotitic 1-3% sulphides	790	10	0.24	0.33	
393 - 403	qtz. "eyes" biotitic 1-3% sulphides	791	10	0.46	0.45	0.28 0.47
403 - 413	more biotitic, coarser 1-3% sulphides	792	10	0.19	0.42	30'
413 - 423	biotitic, quartz eyes coarser 1-3% sulphides	793	10	0.18	0.26	
423 - 428	feldspathic coarser 1-3% sulphides	794	5	0.19	0.28	
428 - 433	1-3% sulphides	795	5	0.21	0.32	
433 - 444.8	granitic 1-2% sulphides	796	11.5	0.17	0.22	
442.4-442.5	qtz vein					
444.8-452.7	feldspathic, in part siliceous	797	7.9	0.14	0.32	
452.7-462.7	med gr. 4% sulphides	798	10	0.20	0.37	
462.7-467.7	med gr. 5-8% sulphides	799	5	0.30	0.44	
467.7-472.7	med gr. 10% sulphides	800	5	0.27	0.61	
472.7-480.3	med gr. 5-8% sulphides	514	7.6	0.22	0.40	
480.3-483.3	Trap - dark f.r. sharp contacts 480 to core axis.					
483.8-497.1	Norite - 490 - weak shearing, biotitic, stringers & veinlets of sulphide					
483.8-488.8	feldspathic & siliceous 5-8% S	515	5	0.35	0.49	
488.8-493.8	med. r. 10% S	516	5	0.28	0.69	
493.8-497.1	minor shearing 10% S	517	3.3	0.27	0.67	
497.1-500.3	Trap dark f.r.					
500.3-501.1	Schist biotite - well developed tr. sulphides					
501.-661.8	Norite as before					

Property Mc/ittle-Orphan

DIARIED EXPLORATION

Hole No. 1-2 Sheet No. 3

Depth Feet	Formation	Sample No.	Width of sample	%Cu.	%Bi.
501.1 - 506.1	siliceous & feldspathic in part	518	5	0.15	0.28
506.1 - 511.1	med gr.	519	5	0.23	0.72
511.1 - 516.1	chalco blebs	520	5	0.45	0.71
516.1 - 521.1	siliceous in part good Cu	521	5	1.57	0.55
521.1 - 526.1	disseminated sulphides	522	5	1.00	0.61
526.1 - 531.1	some silicification	523	5	0.42	0.76
531.1 - 536.1	well mineralized	524	5	0.70	1.73
536.1 - 541.1	well mineralized	525	5	0.92	1.33
541.1 - 546.1	minor feldspathization	526	5	1.21	0.58
546.1 - 551.1	med gr. disseminated S	527	5	0.60	0.97
551.1 - 556.1	552.5 - 554 shattered core	528	5	0.28	0.70
556.1 - 561.1	minor feldspar	529	5	0.23	1.97
561.1 - 566.1	increasing feldspar	530	5	0.25	0.20
566.1 - 576.1	feldspathic, siliceous in part	531	10	0.32	0.21
576.1 - 586.1	feldspathic	532	10	0.12	0.15
586.1 - 596.1	feldspathic	533	10	0.19	0.09
596.1 - 611.1	blue qtz eyes	534	15		
616.7 - 618.7	schist minor sulphides	538	2		
614.6 - 643	heavily chloritized & biotitic granite with some sulphides				
640.0 - 647.0	f.c.	536	7		
647.0 - 655.8	f - med gr.	537			

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. M-2 Sheet No. 4

Depth Feet	Formation	Sample No.	Width of sample	% Cu.	% Ni.
655.8 - 661.8	siliceous & feldspathic 1-3. 3	535	6		
661.8-617.3	Contact Zone biotite & chlorite schist, brecciated with granitic inclusions				
671.3-700.9	Granite - Creighton				
700.9-703.9	Trap - black f.g. dike contacts (sharp)				
703.9-739	Granite - Creighton				
	702.7 - 703.4 lost core				
	705.5 - 706.5 lost core				
739. - 740.5	Trap ? dark f.g. sharp contrast				
740.5-773.3	Olivine dia base				
773	Granite - Creighton				

Property McVITTIE - MARIAN MINING COMPANY LIMITED

DIAPOYD SHAFT - 13040

Hole No. M-3 Sheet No. 1 Lat. 13 + 10 N Total Depth 1003 feet

Section _____ Dep. 1 + 32 E Elev. Collar 12 + 16'

Date begun December 20, 1960 Bearing _____ Elev. bottom _____

Date finished January 13, 1961 Angle -90°

Depth Feet	Formation	Sample No.	Width of sample	Cu.	Bi.
- 0 - 10.0	Casing				
10.0-483.8	Norite - dark green-black, medium to coarse grained, siliceous and/or feldspathic in part-blue quartz eyes. scattered sulphides mainly pyr. with traces of pyr. and calco. Sections of strong biotitic alteration.				
	158-160 feldspathic				
	162.0 1" qtz vein, irregular schistings along walls				
	180.-181.4 quartz vein				
	181.4-182.6 feldspar and quartz in schisted zone.				
	204.7-208.0 altered norite, chloritized zone with minor introduced qtz and feldspar				
	234.2 1/2" quartz vein - minor sulphides on walls-gradational				
	252.2 qtz. as above				
	281.3 - 282.5 introduced qtz and feldspar.				
	425 on sulphide content increasing.				
	443 - 453 disseminated sulphides 1	7001	10.0	0.07	0.09
	453 - 463 " " " " " 1	7002	10.0	0.05	0.09
	463 - 473 " " " " " 2-3	7003	10.0	0.38	0.37
	473 - 483.8 " " " " " 2-3	7004	15.8	0.36	0.46
483.8-485.7	Granitic zone				
485.7-543.8	Norite - as before				
	485.7-495.7 1st 2' lean 2%	7005	10.0	0.22	0.30
	495.7-505.7 minor siliceous zones 1-2'	7006	10.0	0.19	0.20
	505.7-515.7 2" qtz vein 8% Chalco 1-2'	7007	10.0	0.33	0.23
	515.7-525.7 more siliceous 2-3%	7008	10.0	0.32	0.37
	525.7-535.7 siliceous in part 3%	7009	10.0	0.21	0.22

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. M-3 Sheet No. 2

Depth Feet	Formation	Sample No.	Width of sample	Cu.	Ni.
543.8-544.5	Trap dike - black f.s. red feldspar adjacent				
544.5-554.5	Norite as before				
545.7-545.7	some intro. red feldspar	7010	10.0	0.22	0.29
545.7-554.5	feldspathic & siliceous	7011	3.8	0.25	0.34
557.0-564.0	" " " "	7012	7.0	0.20	0.28
564.0-569.0	siliceous in part	7013	5.0	0.17	0.26
569.0-574.0	" " "	7014	5.0	0.32	0.48
574.0-579.0	" " & feldspathic	7015	5.0	0.23	0.30
579.0-582.3	feldspathic & siliceous	7016	3.3	0.20	0.30
554.5-557.0	Trap dike f.g. greenish black minor sc.isting trace qtz				
557.0-582.3	Norite as before				
582.3-589.3	Trap dike f.g. some qtz. stringers				
589.3-635.5	Norite - as before				
589.3-594.3	some red feldspar attend	7017	5.0	0.28	0.56
594.3-599.3	feldspathic	7018	5.0	0.33	0.51
599.3-605.3	" " "	7019	6.0	0.45	0.64
605.3-610.3	med. r. disseminated s.	7020	5.0	0.48	0.65
610.3-615.3	" " " "	7021	5.0	0.27	0.54
615.3-620.3	" " siliceous & feldspathic	7022	5.0	0.20	0.44
620.3-625.3	" " " "	7023	5.0	0.32	0.45
625.2-626.5	- qtz zone, white with minor sulphides in fractures				
625.3-630.3	zone as above	7024	5.0	0.23	0.27

Property _____

Total _____

Depth	Description	Sample No.	Grain Size	Wt. %	Wt. %
635.1-636.0	635.1-636.0 fine grained pink granite	7025	xxx	xxx	xxx
636.0-671.0	636.0-671.0 coarse to coarse axis granite - as before	7025	5.0	0.12	1.3
671.0-672.0	671.0-672.0 zone of altered granite and feldspar				
672.0-673.0	672.0-673.0 small dikes	7025	1.0	0.12	0.1
673.0-674.0	673.0-674.0 fine grained	7027	1.0	0.12	0.22
674.0-675.0	674.0-675.0 disseminated sulphide	7025	1.0	0.12	0.22
675.0-676.0	675.0-676.0 feldspar siliceous	7029	10.0	0.05	0.02
676.0-677.0	676.0-677.0 pink feldspar spotty sulphides 1-3	7030	10.7	0.15	0.21
677.0-677.7	677.0-677.7 feldspathic quartz zone massive no visible sulphides white				
677.7-682.3	677.7-682.3 trap black f. d. like				
682.3-682.3	682.3-682.3 feldspar pink with quartz				
682.3-682.4	682.3-682.4 granite as before				
682.4-682.8	682.4-682.8 f. d. feldspar - increasing	7031	10.0	0.16	0.25
682.8-687.3	682.8-687.3 r-f gr. d. s. b.	7032	1.0	0.22	0.37
687.3-702.8	687.3-702.8 " " "	7033	5.0	0.22	0.50
702.8-707.8	702.8-707.8 " " "	7034	2.0	0.12	0.26
707.8-712.8	707.8-712.8 " " "	7035	1.0	0.12	0.21
712.8-719.1	712.8-719.1 spotty disseminated sulphides	7036	1.0	0.12	0.15
719.1-728.2	719.1-728.2 schistated towards	7037	1.0	0.12	0.15
728.2-	728.2- granite				
728.2-	728.2- granite as before				

W. J. ...

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Depth	Interval	Description	Sample No.	Wt. of sample	Ca.	Mg.
728.2-728.2		chloritized at top - feldspar	7038	13.0	0.01	0.10
728.2-728.2		diss. sulphides feldspathic	7039	2.0	0.22	0.22
728.2-728.2		lean -	7040	2.0	0.07	0.07
728.2-728.7		increase sulphides	7041	2.0	0.20	0.20
728.7-728.7		diss. sulphides	7042	2.0	0.25	0.26
728.7-523.7		feldspathic toward core	7043	2.0	0.22	0.20
728.7-728.7		introd. feldspar	7044	2.0	0.33	0.21
728.7-728.7		well diss. sulphides	7045	2.0	0.53	0.70
728.7-728.7		minor feldspathic	7046	2.0	0.11	0.13
728.7-728.7		feldspathic	7047	2.0	0.11	0.11
728.7-728.7		diss. sulphides	7048	2.0	0.21	0.27
728.7-728.7		minor diss. sulphides	7049	13.0	0.1	0.17
728.7-506.8		minor diss. sulphides	7050	3.1	0.10	0.14
806.8-806.8		lost core				
806.8-821.4		introduced feldspar	7051		0.05	0.05
821.4-825.1		split				
825.1-825.7		core				
825.1-825.1		intro. feldspar	7052	13.0	0.03	0.10
825.1-825.1		minor sulphides	7053	13.0	0.02	0.15
825.1-825.1		" "	7054	13.0	0.12	0.13
825.1-825.1		feldspathic + quartzite	7055	1.0	0.13	0.15

Property IC/10012-JAMES L. MINN. C. L. L. L. L. L.

IC/10012-JAMES L. MINN. C. L. L. L. L. L.

Hole No. 1-3 Sheet No. 5

Depth Feet	Information	Sample No.	Width of sample	Si.	Mi. %
865.7-866.8	Trap				
866.8	Horite as before				
	865.1-875.1 feldspathic spotty sulphides	1	7053	10.0	0.69 0.13
	875.1-880.1 " "	1-2	7057	5.0	0.30 0.36
	880.1-885.1 some biotitic sections	2	7055	5.0	0.22 0.27
	885.1-890.1 885.3 feldspar (barren) with 1' biotite schist	1-3	7059	0	0.20 0.24
	890.1-895.1 uniformly diss. sulphide	4	7060	5.0	0.29 0.28
	895.1-900.1 in part feldspathic	1-2-3	7061	5.0	0.22 0.26
	900.1-905.1 1st 3' feldspathic	2-3	7062	5.0	0.57 0.44
	905.1-910.1 in part feldspathic	1-2	7063	5.0	0.25 0.10
	910.1-920.1 in part granitized with some schist	1	7064	10.0	0.10 0.05
	920.1-925.1 Granitic in part	3-4	7065	5.0	0.35 0.75
	925.1-929.2 " " " 1" Mass. sulphide	229.0	7066	4.1	0.41 0.51
929.1-1003	Creighton Granite				
	1003' - End of Hole				
	Dip Test at 920 Feet 33° 30'				
Drilling: Worlissette Drilling Co.		Engineer: A.S. Ashton			

Property McVITTIE-GRAHAM MINING & EXPL. CO. LTD.

DIAMOND DRILL RECORD

Hole No. M-4 Sheet No. 1 Lat. 19-10N Total Depth 1172'

Section _____ Cor. 1+59 Lev. Collar 3016.2

Date begun Jan. 14, 1961 Bearing _____ Lev. Bottom _____

Date finished Feb. 4, 1961 Dip -20°

Depth Feet	Formation	Sample No.	Width of sample	Cu. %	Ni. %
0-16	Casing				
16-66.9	Norite - med. gr. black, biotitic, blue qtz. "eyes", scattered sulphides pyrr. pyr. & chalco.				
	44.2-43.5 red feldspar				
	63.2-64.2 " " "				
66.9-68.7	Granite Dike, med. gr. spotty sulphides pyrr. pyr. & chalco.				
68.7-167.1	Norite - as above				
167.1-170.3	Trap, black f.g.				
170.3-314.0	Norite - biotite rich, some feldspathic zones, spotty sulphides slight increase in content over previous zones.				
	290 - 2" introduced red feldspar				
	288-289 " " "				
	309-310 " " "				
314.0-342	Altered Norite - biotite & chlorite schist. 323.6-324.1 lost core.				
342.0-680.7	Norite - biotite rich, blue qtz. "eyes" scattered sulphides				
	391.4-393.1 - quartz rich section with some pyrr. pyr. & chalco.				
	426.7- " " qtz. vein 30" to core				
	447.5-448.0 qtz. rich section.				
	469.7-471.1 - schisted zone 45" to core. Some introduced patchy qtz.				
	474.0-477.0 - schisted section 30" to core with qtz. vein conformable 476.1-476.3				
	484.0-488.3- schist biotitic				
	488.3-494.8 - 70-80% qtz with traces of mafic minerals.				

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. N-4 Sheet No. 2 Lat. _____ Total Depth 1172'

Depth Feet	Information	Sample No.	idth of sample	Cu. %	Ni. %
	515-519.3 - qtz. zone as above.				
	519.3-524.3 - schisted Norite.				
680.7-681.4	Trap - f.g. black-green 45° to core.				
681.4-736.2	Norite - as above - sulphide content increasing.				
	692.0-696.8 - 90° qtz. some trace mafic minerals				
	0.5 schist above & below qtz.				
736.2-737.9	Trap				
737.9-757.5	Norite - as before, increasing sulphides				
	750.4-752.3 - introduced red feldspar				
757.5-762.5	Quartz diorite dike - chilled contacts 45° to core axis - med. gr. at centre no visible mineralization.				
762.5-806.2	Norite - as before - start of samples				
	762.5-772.5 biotitic pyr. & pyrr. 1'S.	7067	10	0.12	0.06
	772.5-782.5 " " 1-1.5'S.	7068	10	0.20	0.16
	782.5-792.5 feldspathic " " 1-5'S.	7069	10	0.15	0.15
	792.5-802.5 patchy " " 1.5'S.	7070	10	0.14	0.09
	802.5-812.5 includes 1' trap dike 2-4'S.	7071	10	0.37	0.41
806.2-807.1	Trap-included in sample, barren.				
207.1-823.5	Norite - as before.				
	812.5-823.5 into. red feld. & qtz. 2-3'S.	7072	11	0.38	0.35
823.5-827.8	Trap				

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. M-4 Sheet No. 4 Lat. _____ Total Depth 1172'

Depth Feet	Information	Sample No.	Width of sample	Cu. %	Ni. %
925.7-930.7	Uniform mineral pyr.pyrr.chalco	5-6 S. 7091	5	0.42	0.48
930.7-935.7	Core crushed in part.pyr.pyrr."est.10%	5 S. 7092	5	0.49	0.56
935.7-940.7	" " " " " " " " "5-8 S.	7093	5	0.42	0.54
940.7-950.7	lean trace sulphides	1 S. 7094	10	0.13	0.07
950.7-955.7	Uniform mineralization	3-4 S. 7095	5	0.45	0.40
955.7-960.7	Spotty sulphides	3-4 S. 7096	5	0.25	0.18
960.7-970.7	" " "	7097	10	0.11	0.08
970.7-980.7	" " "	7098	10	0.15	0.09
980.7-986.7	" " "	7099	10	0.13	0.24
990.7-995.7	Patchy S. increasing	2 S. 7100	5	0.26	0.24
995.7-1000.7	patchy, coarser sulphides	7101	5	0.36	0.33
1000.7-1005.7	" pyr.pyrr.chalco	2-3 S. 7102	5	0.47	0.44
1005.7-1008.6	siliceous towards end	2 S. 7103	2.9	0.48	0.43
1008.6-1015.4	Very siliceous rock almost granitic. No visible sulphides.				
1015.4-1020.4	patchy pyr., pyrr., chalco.	5 S. 7104	5	0.50	0.37
1020.4-1025.4	more uniform pyr., pyrr. chalco	5-6 S. 7105	5	0.41	0.41
1025.4-1035.4	very spotty sulphides	1 S. 7106	10	0.19	0.14
1035.4-1045.4	" " "	1 S. 7107	10	0.16	0.13
1053.0-1074.9	Contact zone - norite, granitized norite, granite & biotite-chlorite schists. Minor scattered sulphides				
	1058.8 - disseminated chalco over 2" zone in granite.				

Property McVITTE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. M-4 Sheet No. 5 Lat. _____ Total Depth 1172'

Depth Feet	Information	Sample No.	Width of sample	Cu. %	Pi. %
1074.9-1156.2	Granite, Creighton.	1137.3	-	-	-
1156.2-1172	Diabase - black, chilled contact.	-	-	-	-
1172	End of Hole	-	-	-	-
Logged by: A.S. Ashton, P. Eng.					

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. M-5 Sheet No. 1 Lat. 18 + 10 N Total Depth 961'

Section _____ Dep. 5 + 61 Lev. Collar 3028.8

Date begun Feb. 7, 1961 Bearing _____ Lev. Bottom _____

Date finished Feb. 16, 1961 Angle -90°

Depth Feet	Formation	Sample No.	Width of sample	Gr. Si.
0-8	Casing			
8-56	Norite - black, med. gr., some blue qtz. "eyes", biotitic, minor introduced qtz., & feldspar in sections. Traces of sulphide, pyr., & chalco.			
56-60.9	Trap - f.s. greenish black, 30° to core.			
60.9-185.8	Norite - more feldspathic just below dike. Biotitic blebs 129.4-143.4" qtz. vein 75° to core 143.4-143.6 qtz. vein 75° to core 146.2-146.4 - schisted norite 147.0-156.5 - Introduced red feldspar almost granitic in small sections.			
185.8-186.7	Trap			
186.7-232.0	Norite - as above with slight increase in sulphide content			
232.0-234.0	Lamprophyre Dike - f.s. contacts 30° to core			
234.0-235.1	Altered Schisted Norite - 30° to core			
235.1-238.6	Lamprophyre Dike - f.s. contacts 30° to core			
238.6-294.1	Norite - as before 238.6-239.5 introd. red feldspar almost granitic in part. 267.0-294.1 some small 1"-2" schist zones 45° to core			
294.1-302.9	Granite - med. gr. pink			

Property McVITTIE - GRADWATER INDIAN QUARRY LIMITED

DIAMOND DRILL LOG NO. 10

Hole No. 1-5 Sheet No. 2 Lat. _____ Total Depth 261'

Depth Feet	Formation	Sample No.	Width of sample	Cu. %	Pi. %	Estimated Combines %
302.9-496.0	Horite - as before	388.5-388.9	granitic zone			
415.0-425.0	minor granitic sections	2	3.	7108	10	0.12 0.14 0.3
425.0-435.0	med. gr. spotty sulphides	2	3.	7109	10	0.3
435.0-445.0	" " " "	2-3	3.	7110	10	0.4
445.0-455.0	" " finer disseminations	2-3	3.	7111	10	0.4
455.0-465.0	" " pyr., pyrr., chalco	1	3.	7112	10	0.25
465.0-475.0	" " " " "	1	3.	7113	10	0.2
475.0-485.0	" " " " "	1-2	3.	7114	10	0.3
485.0-495.0	finer gr. tr. sulphides	1	3.	7115	10	0.15
496.0-512.8	Trap - f.g. dike blackish					
512.8-859.0	Horite - as before					
573.3-583.3	med. gr. spotty sulphides	3-4	3.	7119	10	0.23 0.36
583.3-593.3	" " " "	1-2	3.	7118	10	0.25 0.27
593.3-598.3	" " patchy "	2	3.	7117	5	0.23 0.31
598.3-600.3	- 1" heavy sulphides 1' crushed core	40	3.	7116	2	0.23 2.18
600.3-605.3	med. gr. pyrr., pr. chalco	2-3	3.	7120	5	0.18 0.23
605.3-615.3	top 3' lean pyrr. pyr. chalco	1	3.	7121	10	0.17 0.24
615.3-625.3	spotty sulphides	1-2	3.	7122	10	0.19 0.31
625.3-635.3	" " pyr., pyrr., chalco	2-3	3.	7123	10	0.22 0.30
635.3-645.3	" " " " "	1	3.	7124	10	0.09 0.09
645.3-655.3	" " finer disseminations " "	1	3.	7125	10	0.13 0.11
655.3-665.3	" " finer diss.	2	3.	7126	10	0.21 0.25

Property McVITTIE-GRANDS MINING COMPANY LIMITED

DIAMOND DRILL R60 RD

Hole No. N-5 Sheet No. 3

Depth Feet	Formation	Sample No.	Width of sample	Cu. %	Ni. %
665.3-675.3	more uniformly diss. Sulphides 4% S.	7127	10	0.31	0.31
675.3-685.3	very spotty dis. 1% S.	7128	10	0.04	0.03
719.6-723.0	qtz. rich zone with 2" schist at lower end.				
723.6-733.6	spotty sulphides 1% S.	7129	5	0.15	0.12
733.6-738.6	well diss. sulphides 4% S.	7130	5	0.31	0.45
738.6-743.6	spotty sulphides 1% S.	7131	5	0.17	0.13
818.8-823.4	fractures with chalco-silicified S.	7132	4.6	1.02	0.27
859 - 876	Contact zone - intermixed zone of granite, biotite schist & norite, some patches of chalco.				
876.0-961	Granite - Creighton				
961	End of Hole				
	Logged by A.S. Ashton, P. Eng.				
	Drilled by: Morrissette Diamond Drilling				

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. N-6 Sheet No. 1 Lat. 18 - 10 N. Total Depth 884 feet

Section _____ Dep. 9 + 51 E. Elev. Collar _____

Date begun Feb. 18, 1961 Bearing - Elev. Bottom _____

Date finished Feb. 25., 1961 Angle -90°

Depth Feet	Information	Sample No.	width of sample	Fe.	Si.
0-9	Casing				
9-270.9	Norite - dark med. gr., chloritic, biotitic, siliceous & feldspathic in part, blue quartz "eyes", trace sulphides				
	129.3 - 3/4" bleb. pyr. pyrr. chalco.				
	177.4 - 184.2 Qtz. rich section with schisted norite				
270.9-272.0	Lamprophyre				
272.0-426.7	Norite - as before				
	343.9 - 346.5 lost core				
	328.0 - 338.0 - trace diss. sulphides	343.	7133	10	0.19
	338.0 - 348.0 - trace sulphides	143.	7134	10	0.11
	387.0 - 397.0 - sparse diss.	143.	7135	10	0.12
	397.0 - 407.0 " "	143.	7136	10	0.11
	407.0 - 417.0 - some intro Qtz. & feldspar	143.	7137	10	0.12
	417.0 - 427.0 - diss. sulphides	1-243.	7138	10	0.27
426.7-428.0	Trap f.g. greenish				
	426.6-426.7 Qtz. vein				
	427.2-427.3 " "				
	428.1-428.2 " "				
428.0-433.5	Norite - as before				
433.5-433.9	Trap - f.g. blackish				
433.9-436.6	Norite - as before				
436.6-441.7	Quartz Diorite - f.g. at contacts 45° - med., gr. at centre				

Property McVITTIE-GRAHAM MINING COMPANY LIMITED

DIAMOND DRILL RECORD

Hole No. M-6 Sheet 2

Depth Feet	Information	Sample No.	width of sample	Cu.	% Ni.
441.7-597.0	Norite - as before				
597.0-602.7	Granite, pink, 30° contacts with schisted norite on cont.				
602.7-614.2	Norite - as before				
614.2-615.5	Granite, pink, 30° contact				
615.5-795.6	Norite as before				
795.6-796.0	Trap				
796.0-805.8	Norite - as before				
805.8-808.2	Complex zone, schist, norite, granite				
808.2-824.3	Inter-mixed pink & grey granite				
824.3-828.5	Biotite Schist 45° schisting				
828.5-884.0	Granite - minor zones of schisting & some patches of introduced quartz.				

884.0 End of hole

Logged by A. S. Ashton, P. Eng.

Drilled by Morrissette Diamond Drilling Ltd.

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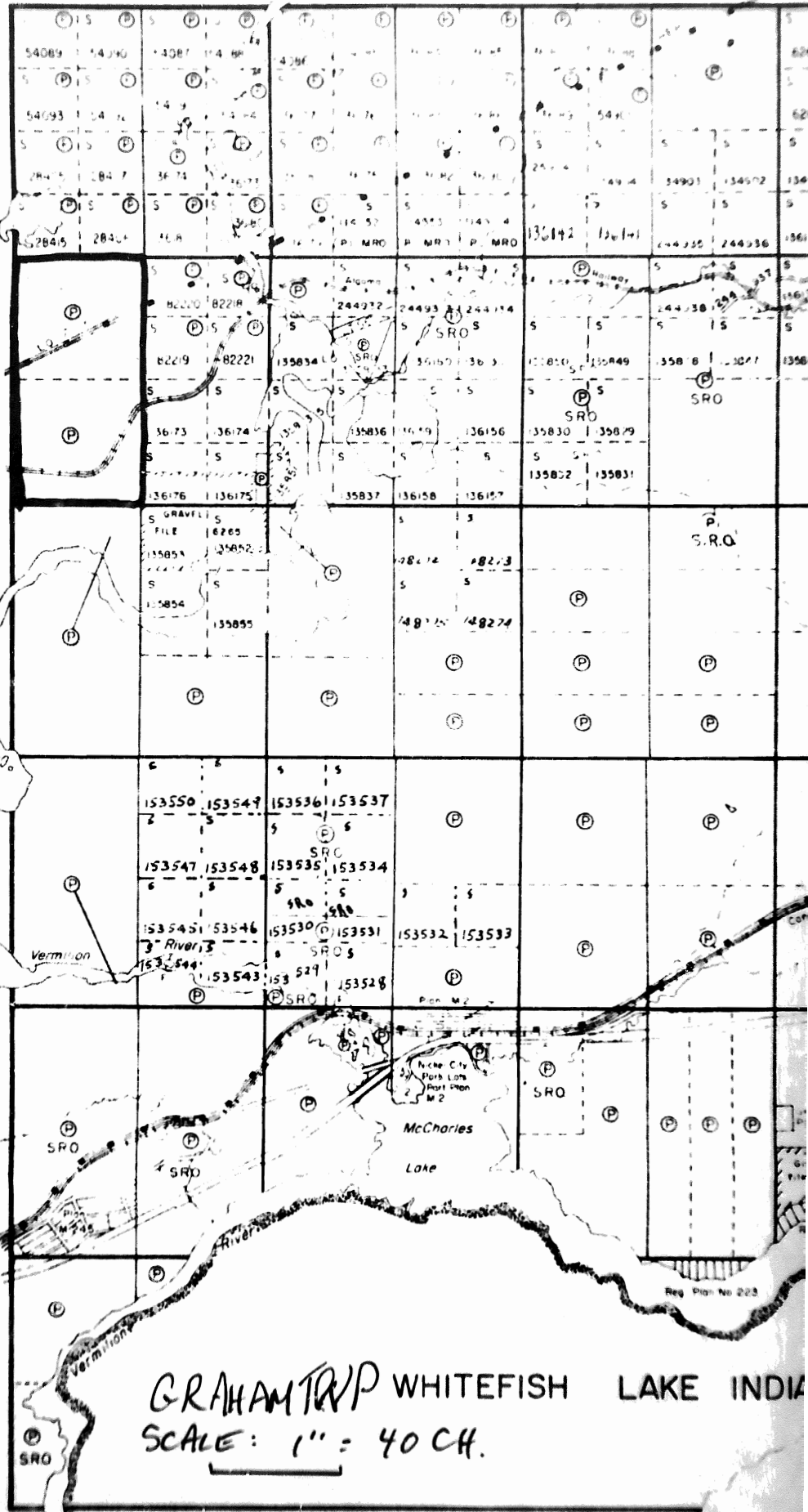
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Denison Twp. (M.-756)



GRAHAM TWP WHITEFISH LAKE INDIA
 SCALE: 1" = 40 CH.

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