



42A09SE0243 31 GUIBORD

010

Diamond Drilling

Township GUIBORD

Report N^o: 31

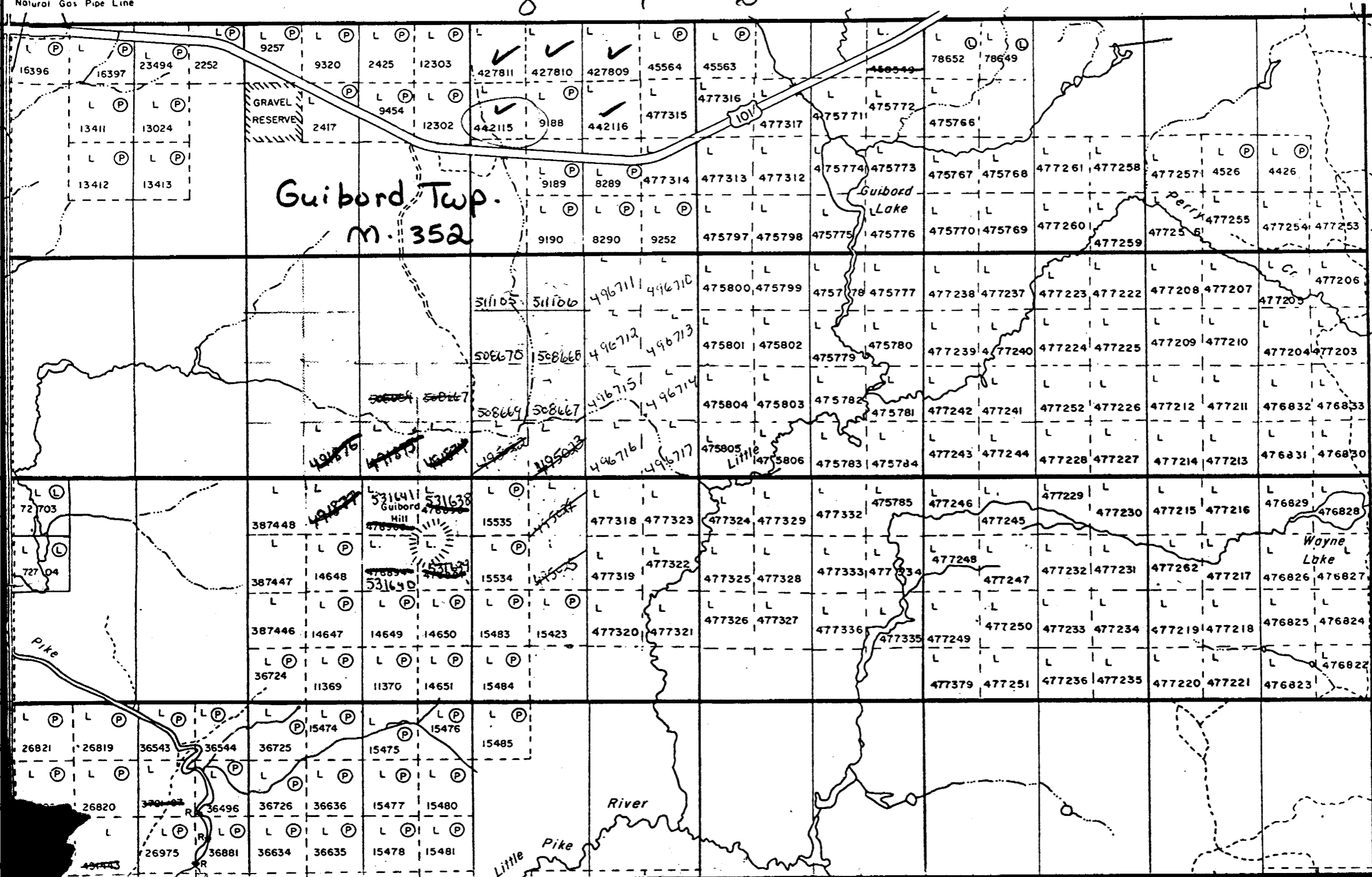
Work performed by: M. C. Group Management Limited

Claim N^o	Hole N^o	Footage	Date	Note
L 442115	1	405.0	June/79	(1)
	2	721.0	July/79	(1)

Notes: (1) # 145-79

8 7 6

Natural Gas Pipe Line



Guibord Twp.
M. 352

Guibord Lake

Wayne Lake

River

Little Pike

Pike

GRAVEL RESERVE

101

VI

V

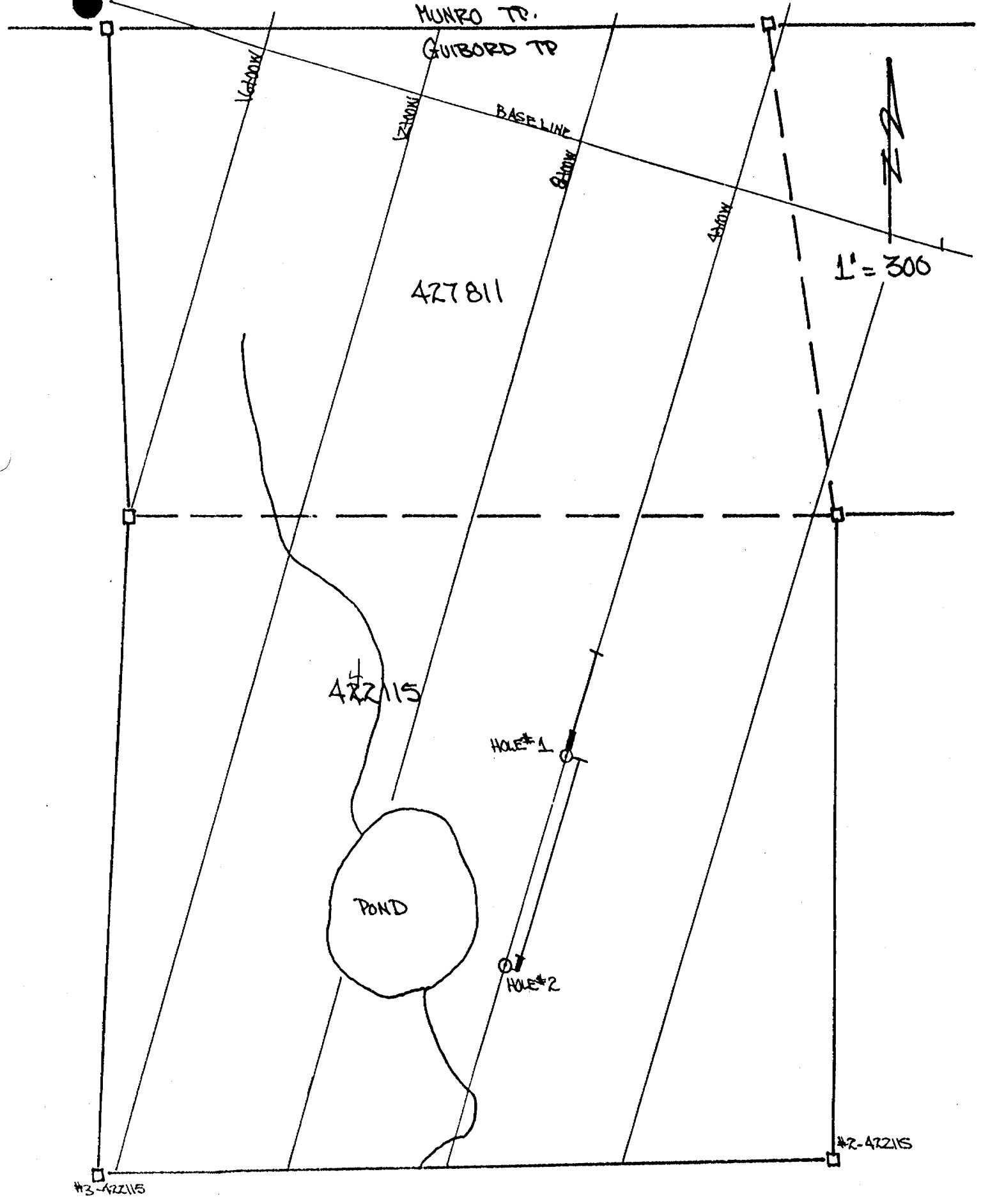
IV

III

#145-79
M.C. GROUP MANAGEMENT LTD.

MICHAUD TWP. M. 372

FRED BLAKE CLAIM GROUP
LOCATION SKETCH OF DIAMOND DRILL HOLES #1 & #2



PROPERTY: THE MUNRO CROSSING GROUP —
 LOCATION: FRED BLAKE CLAIM GROUP
 COLLAR ELEVATION: GURBORD TP L440W, 14430S.
 GROUND ELEVATION:
 CASING LENGTH: 97.0 FEET
 CASING LENGTH ABOVE GROUND:

DIAMOND DRILL HOLE No. 1
 DEPTH | DIP | MAG. AZIMUTH | TRUE AZIMUTH
 0 | -SC | | 16°

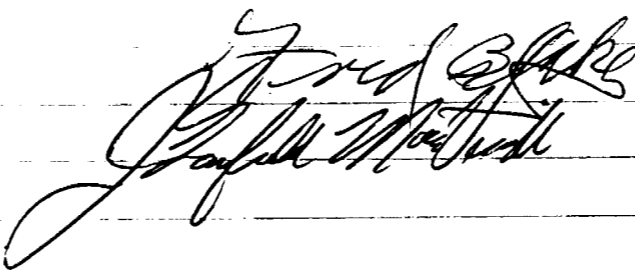
LENGTH: 405 Feet
 STARTED: June 29, 1979
 FINISHED: July 5, 1979
 CORE SIZE: AQ
 LOGGED BY: F. Blake, G. MacKegh
 SAMPLED BY: F. Blake
 DRILLED BY: A. McKnight

FOOTAGE			ROCK UNIT DESCRIPTION	ASSAYS				
FROM	TO	LENGTH		FROM	TO	LENGTH	AU OZ/T	REMARKS
0	97	97	CASING (AW)					
97	118	21	PERIDOTIC (OR PIPERITIC) KOMATIITE; dark grey, irregularly fractured and carbonate veined (fizzing carbonate); 104.5' narrow gauge seam @ 70°CA, minor pyrite; 109-115 fine spinifex noted; Change at 118' is gradational into medium green-grey (probably) pyroxenitic komatiite.					
118	194.8	76.8	PYROXENITIC KOMATIITE; medium green-grey, much of this section is fractured and brecciated with a distinct speckle texture due to diune (pyroxene) grains in a fine lighter green ground mass; there are dark green-black serpentine-chlorite fractures 123' Broken up spinifex texture					

FOOTAGE			PROJECT: MUNRO GEOSUS GROUP FRED BLAKE CLAIM GROUP		FILE NO. 1	PAGE NO. 2	ASSAYS			
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH	AG OZ/T	REMARKS
118	194.8	76.8 (cont)	154-156	spinel zone grading from coarse to fine downhole with an abrupt break at 156 (suggests downhole tops -)			165	168	3.0'	
			165-168	Biotite Lamprophyre dyke; highly carbonated with biotite phenocrysts and circular almost amygdale like carbonate blebs, disseminated pyrite and some chalcopyrite in dyke						
			169 -	6 inch zone of broken core						
			169.5	fine spinel zone						
			171.2-174	light creamy green and brecciated						
			175-186	Coarse disseminated pyrite cubes through kyanite						
			192.5	4 inch section of fine spinel texture						
			194-194.8	Mauve coloured cherty quartz with minor chalcopyrite						
194.8	239.5	64.7	SPINIFEX ZONE:							
			194.8-223.5	medium grey-green mainly fine spinel, generally plumose like in nature (may be pyroxene spinel) but in places occurs as more elongate criss-cross blades;						

FOOTAGE			PROJECT: MUNDO CREEK GROUP FRED BLAKE CLAIMS	FILE NO. 1	PAGE NO. 3	ASSAYS			REMARKS	
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH		AU OZ/T
194.8	259.5	64.7	(cont) texture is often indistinct on core surface because of lack of contrast between colour of blades and matrix; core has a hackly break							
			223.5-242 Change in character of spinifex to thick, short diving spinifex often in parallel or sub-parallel arrangement; there are short sections of elongate, crisscross and parallel blades							
			242-259.5 Same as section from 194.8 to 223.5; change in character of spinifex is abrupt at 242; fine spinifex texture terminates abruptly at 259.5' - contact is at 75°							
259.5	313	53.5	PYROXENIC KIMBERLITE: - medium green-grey, massive to fractured and brecciated, white carbonate veins, most of this section has a distinct speckle texture; there are short dull green brecciated sections which may be a result of flow brecciation(?)							
			299.5-307 Dark grey, carbonate veined, more uniform and massive, both upper and lower contacts of this section gradational							
			312 - Fine spinifex texture							

FOOTAGE			SECTION: MUNDY CROSSING GROUP FEED BLAKE CLAIM GROUP	HOLE NO. 1	PAGE NO. 4	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH	AL Oz/T	REMARK
313	329.7	16.7	FELDSPAR BICHITE PORPHYRY DYKE; light grey, distinct white feldspar phenocrysts 1-3 mm in size; core breaks along chloritic slips at 30 to 45° CA - the upper contact of the dyke is at 50° CA, and the lower contact at 70° CA - only very minor pyrite noted.							
329.7	380.2	50.5	PERIDOTIC or PYROXENIC KOMATIITE; medium grey-brown to medium to dark grey-green; irregular carbonate veins and fractures through core; most of this section has a distinct speckle texture 329.7 - 340 Medium to dark grey-brown, after 340 core is medium to dark grey-green. 345'5 - Fine spinifer texture 355 - Broken up spinifer texture in sharp contact with speckle textured Komatiite on down hole side 364 - 380.2 Core has a brecciated texture plus minor disseminated pyrite.							
380.2	3835	3.3	FELDSPAR BICHITE PORPHYRY DYKE; medium grey, similar to dyke from 313-329.7; the lower contact of the dyke is at 85°, the upper contact is ground.							

FOOTAGE			PROJECT: MURDO CREEKS GROUP	PAGE NO. 1	PAGE NO. 5	ASSAYS			
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION		FROM	TO	LENGTH	AL Oz/T	REMARKS
383.5	405	21.5	MAFIC VOLCANIC (IRON THOLEIITE?); massive, medium grey, fine grained, sections of core show distinct leucicene grains, minor quartz-carbonate veins and fractures 389.5 - narrow brecciated section, appear to be some chilled fragments, possibly a flow contact						
405			END OF HOLE						
* Core stored at the residence of Fred Blake Temagami, Ontario.									
									

PROPERTY: THE MONROE CROSSING GROUP -
FRED BLAKE CLAIM GROUP

LOCATION: GUINCOO TP. - LAHOO, ~~14305~~
191505

COLLAR ELEVATION:

GROUND ELEVATION:

CASING LENGTH: 47.0 Feet

CASING LENGTH ABOVE GROUND:

DIAMOND DRILL HOLE No. 2

DEPTH | DIP | MAG. AZIMUTH | TRUE AZIMUTH

0 | ~~5°~~ | | 16°
400' | -3 1/2° | |
710' | -39° | |

LENGTH: 721 FEET

STARTED: July 9, 1979

FINISHED: July 18, 1979

CORE SIZE: AQ

LOGGED BY: F. Blake, G. MacVeigh

SAMPLED BY: F. Blake

DRILLED BY: A. McKnight

FOOTAGE			ROCK UNIT DESCRIPTION	ASSAYS				
FROM	TO	LENGTH		FROM	TO	LENGTH	AU OZ/T	REMARKS
0	47	47	CASING (AW)					
47	293.6	146.6	SEDIMENTS: thin to thick bedded turb. tils, medium to light grey 47-56.2 Sediment is sericitized and pyritized along fractures associated with narrow quartz-carbonate veins 52.3-56.2 Several sericitized-pyritized sections 60 - Thin graded beds, tops downhole, bedding @ 70° CA. 70' - Thin graded beds, tops downhole, bedding @ 60° CA. 81-118.7 Thicker bedded and generally coarser greywacke with broken up, and irregular argillaceous beds					
				52.3	56.2	3.9		

FOOTAGE			PROPERTY: THE MUMBO CREEK GROUP	FILE NO. 2	PAGE NO. 2	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH	AL OZ/T	REMARKS
47	293.6	146.6	(cont)	91-118.7 (cont), sections with pebble size clasts - these are generally argillaceous clasts.						
				109.6-113 Irregular quartz-carbonate veins and fractures with pyrite			109.6	113	3.4	
				118.7-141 Fractured, brecciated, silicified, sericitized, pyritized and quartz veined sediment						
				118.7-123.4 Fractured, silicified, sericitized sediment with disseminated pyrite			118.7	123.4	4.7	
				123.4-128.1 As above, some limonitic fractures, better pyrite mineralization from 123.4-126			123.4	128.1	4.7	
				128.1-133.1 Well brecciated and silicified with fine disseminated pyrite, 1.5 inch quartz vein at 130' at 10' CA.			128.1	133.1	5.0	
				133.1-137.8 As above, very fine disseminated pyrite throughout			133.1	137.8	4.7	
				137.8-141 Brecciated, silicified and sericitized with considerable fine disseminated pyrite			137.8	141	3.2	
				146.3-151.5 Coarse greywacke, sericitized with narrow quartz veins and disseminated pyrite			146.3	151.5	5.2	

FOOTAGE			PROJECT: THE MUMEC CREOSUS GROUP	SHEET NO. 2	PAGE NO. 3	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH	AU Oz/T	REMARK
47	293.6	146.6 (cont)	151.5 - 155.6	Sensitized greywacke, fractured and silicified with irregular narrow quartz veins, disseminated pyrite			151.5	155.6	4.1	
			155.6 - 223	Medium grey greywacke and argillite, bedding is indistinct, generally fine grained, short pyritic, sensitized sections						
			188.3	bedding at 65° CA						
			211	8 inch section of senescent, pyritic sediment with quartz-carbonate veining and fracturing						
			213	Bedding at 65°						
			223 - 293.6	Sediments, generally finer bedded and darker grey in colour (probably more argillaceous), some coarse disseminated pyrite cubes						
			230	Bedding at 65°						
			243 - 254.8	Numerous graded beds all indicating downhole tops (tops northwards)						
			265	Bedding at 60°						
			288	Tops downhole from grading						
			292.4 - 293.7	Coarse sphaerite with galena and pyrite in narrow carbonate veins			292.4	293.7	1.3	Au, Ag, Pb, Zn

FOOTAGE			PROPERTY: THE MUNEK CREEK GROUP FRED BAKE CLAIM GROUP	HOLE NO. 2	PAGE No. 4	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH	AL OZ/T	REMARK
293.6	299.2	5.6	MAFIC DYKE; medium to dark grey, massive, medium grained to fine grained, lower contact at 50° CA.							
299.2	405.7	106.5	SEDIMENTS: Bedded greywacke - argillite, thin to thick bedded, some beds are quite coarse - somewhat of a turbidite mixture of coarse and fine beds, some coarse disseminated pyrite - * There appears to be a top reversal which occurs in the vicinity of the mafic dyke 312 Tops suggested uphole from grading (75° CA) 338 Tops suggested uphole from grading 349 Tops suggested uphole from grading After 383 sediments are generally finer and bedding is less distinct.							
405.7	434.5	28.8	HORNBLende FELDSPAR PORPHYRY DYKE: medium grey, mineralized with fine and coarse disseminated pyrite.							
			412.8 - 414.2	Silicified and fractured with considerable disseminated pyrite		412.8	414.2	1.4		
			414.2 - 415.5	Altered mafic, probably ultramafic, highly carbonated and staley						
			430.9 - 431.3	Altered ultramafic		430.1	434.5	4.4		

FOOTAGE			PROPERTY: THE MUMBO CO. EXPLORATION HOLE No. 2	PAGE No. 5	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION		FROM	TO	LENGTH	AU OZ/T	REMARKS
434.5	441.3	6.8	FAULT ZONE: Altered ultramafic and hornblende-feldspar porphyry						
			434.5 - 437.3	High altered ultramafic(?); at 436.2 there is 1 foot of highly broken core with gouge	434.5	437.9	3.4		
			437.3 - 437.9	Pyritic feldspar-hornblende porphyry					
			437.9 - 441.3	Altered ultramafic, highly carbonated, talcy slips; at 440.8 highly broken core for 8 inches (fault)					
					437.9	443	5.1		
441.3	443	1.7	Altered carbonated ULTRAMAFIC: streaky brown unidentifed alteration						
443	458.4	15.4	Mainly FELDSPAR-HORNBLLENDE PORPHYRY with short sections of altered ULTRAMAFIC: - porphyry is fairly well mineralized with fine disseminated pyrite		443	448	5.0		
			443.7 - 444	Altered ultramafic					
			445.2 - 445.6	Altered ultramafic					
			448 - 450.2	Altered ultramafic					
			Lower contact of feldspar-hornblende porphyry is at 458.4 at 40° CA; porphyry breaks along chloritic fracture planes		453.6	458.4	4.8		

FOOTAGE			PROPERTY: THE WHEAT CREEK GOLD HOLE No. 2 - FRED BLAKE CLAIM GROUP	PAGE No. 6	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION	FROM	TO	LENGTH	AU OZ/T	REMARKS	
458.4	563.9	105.5	PERIDOTIC KOMATIITE:						
			458.4-476 Medium brown-grey in colour, prominent speckle texture which appears to be clinopyroxene in a fine groundmass, quite fractured and brecciated, irregular carbonate veining; the relatively light colour is probably due to carbonate alteration; minor pyrite;	458.4	463.3	4.9			
			468 fine spinifex texture	463.3	468	4.7			
			476-563.9 Dark grey-green peridotitic komatiite; talc-chlorite-serpentine alteration, irregular carbonate fractures and veining; speckle texture still evident through much of core; 492-494.4 indistinct spinifex texture; 508 narrow carbonate-quartz vein at 25° parallel to a narrow zone of foliation; 508.3 narrow mud seam at 70°CA associated with highly fractured core; 521.8-522.6 narrow fault zone with gouge, carbonate-quartz veining and broken core; 545 very coarse pyrite cubes to 5mm.						
563.9	568.3	4.4	BIGGIE LAMPROPHIRE DIKE: dark grey with 1-2mm carbonate blebs, upper contact is at approximately 60°; lower contact is marked by a zone of strong shearing and gouge in ultramafic.						

FOOTAGE			PROPERTY: THE MONROE CELESTUS GROUP FEED BLAKE CLAIM GROUP	HOLE No. 2	PAGE No. 7	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION			FROM	TO	LENGTH	AU Oz/T	REMARKS
608.3	608.3	40	PERIDOTTIC KOMATIITE: dark grey, serpentized, irregular carbonate veins and fractures — At 605.8 rock grades medium green-grey in colour and is brecciated, possible flow brecciation, minor pyrite noted in section from 605.8 - 608.3							
605.3	616.4	9.1	BIOTITE LAMPORHYRE DIKE: dark grey, minor carbonate fractures, some disseminated pyrite — upper contact is at 60°, ultramafic is sheared adjacent contact; lower contact is sharp at 70°							
616.4	633.6	17.2	PERIDOTTIC or PYROXENIC KOMATIITE: medium grey-green, speckle textured, probably more talcose than previous section							
633.6	634	0.4	BASALT DIKE: very dark grey, aphanitic, with irregular chilled contacts, small feldspar microclites							
634	635.5	1.5	PERIDOTTIC or PYROXENIC KOMATIITE: irregular serpentinous slips							
635.5	636	0.5	BASALT DIKE: as from 633.6 - 634, ground core in this section							

FOOTAGE			PROPERTY: THE MONROE CREEK GROUP HOLE No. 2 FRED BLAKE CLAIM GROUP	PAGE No. 8	ASSAYS				
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION	FROM	TO	LENGTH	AU OZ/T	REMARKS	
636	636.4	0.4	PERIDOTITE (PYROXENITIC) KOMATIITE; serpentinitous						
636.4	639.4	3.0	BIOTITE LAMPROPHYRE DYKE: dark grey, minor disseminated pyrite; lower contact at 70° CA, upper contact along carbonate vein at \approx 30° CA.						
639.4	647.2	7.8	PERIDOTITE (PYROXENITIC) KOMATIITE: medium grey-green on fresh break						
647.2	649	1.8	BASALT DYKE: dark grey, aphanitic, irregular chilled margins						
649	649.2	0.2	PERIDOTITE (PYROXENITIC) KOMATIITE:						
649.2	689.3	40.1	DIABASE DYKE; dark grey, occasional saussuritized feldspar clots; upper and lower contacts are chilled at a high core angle.						
689.3	705.2	15.9	PERIDOTITE (PYROXENITIC) KOMATIITE: medium green-grey, talcose, much of section exhibits a speckle texture 695.5 - 697 Spinel zone - grades from coarse stubby spinel to fine platy spinel downhole (down hole tops?)						

FOOTAGE			PROPERTY: THE MURDOCK CREEK GROUP FRED BLAKE CLAIM GROUP	HOLE No. 2	PAGE No. 9	ASSAYS			
FROM	TO	LENGTH	ROCK UNIT DESCRIPTION		FROM	TO	LENGTH	AU Oz/T	REMARKS
699.3	705.2	15.9	(cont)	At 697 there is a sharp break into speckle textured kimberlite					
				697.8-699.9 Zone of indistinct spinifex(?) texture - No spinifex texture noted at lower contact at 705.2					
705.2	721	15.8		MAFIC Pillow and pillow BRECCIA; hyaloclastite matrix to chilled blobby fragments, chilled margins are cherty and have a mauve colouration, pyrite is evident particularly in hyaloclastite matrix and in fractures in fragments and pillows					
721	?			END OF HOLE					
				Core stored at residence of Fred Blake, Fenagami Ontario.					
				Fred Blake					
				Joseph M. [Signature]					