



52H04NE0033 12 LAC DES ILES

010

Diamond Drilling

Area of LAC DES ILES

Report NO 12

Work performed by: Gunnex Limited

Claim NO	Hole NO	Footage	Date	Note
TB 108176	1	623'	Feb/64	(1)
TB 107856	2	692'	Feb/64	(1)
	6	535'	Feb/64	(1)
TB 107855	3	774'	Feb/64	(1)
TB 107874	4	292'	Feb/64	(1)
	5	440'	Feb/64	(1)
	8	370'	Mar/64	(1)
	10	346'	Mar/64	(1)
	11	310'	Mar/64	(1)
TB 107873	7	292'	Feb/64	(1)
TB 107900	9	300'	Mar/64	(1)

4074

Notes: (1) For location of these holes, see 63.1711

GUNNEX LIMITED

PROJECT LAC DES ILES

D. D-Hole No. 2

Sheet No. 1

LOCATION 48 + 00N

8 + 50W

HOLE STARTED 9th Feb. 1964

HOLE COMPLETED 12th Feb. 1964

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY E. M. A.

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
675'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N. 06° W

DIP 45°

LENGTH 692'

HOR. PROJ. 490' VERT. PROJ. 490'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	15	Casing
15	260	Gabbro, mass, med gr'd. gray-grn, local sp'sly dis'd. fine gr'd cpy-phrh. 45' - 50' DK f. gr'd phase with sp'se f. gr'd. sulph.
260	391	Sim to above but better mm'd cpy-phrh finely dis'd in clusters, scat'd calc seams 302.0 - 303.5 Fine gr'd basic dikes @ 30° to 310.5 - 314.6 core axis, well min'd with fine sulphides
391	396.8	Chl-qtz-carb fault breccia zone dis'd phrh-cpy-py
396.8	409.8	Gabbro, med gr'd, highly alt'd chl'd @ carb'd, qtz-carb strcs, dist'd phrh-cpy-py
409.8	428.5	Fine gr'd acid dike, carb'd, dis'd f. gr'd. py-cpy-pyph

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Feb

D. D-Hole No. 1

PROJECT Lac Des Iles

Sheet No. 1

LOCATION 26 - 00N

7 - 50 W

HOLE STARTED 4th Feb., 1964

HOLE COMPLETED 7th Feb., 1964

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B. Arnett

SURVEY		
DEPTH	DIP	AZIMUTH
200	45°	
400	45°	
600	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N 10° W

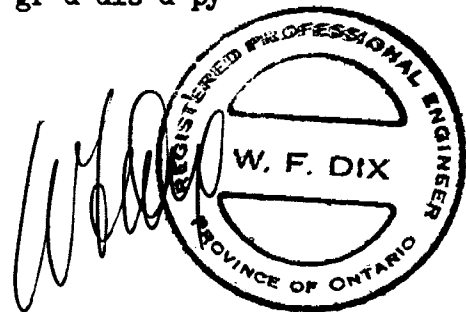
DIP 45°

LENGTH 623'

HOR. PROJ. 440' VERT. PROJ. 440'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	13	Casing (boulders)
13	449	Gabbro, dark gr - grn, med gr'd., locally Caorse gr'd, highly chl'd, mass sparse dis'd cpy-pyrh, sulphides mostly fine gr'd locally med gr'd. Better Min'n from 140' to 449' 13' - 45' Pegmatitic phases blocky Lost water in seams at 115' and 157' 297'-298' fine gr'd basic dike 367' - 368' Gabbro pegmatite with seam of mass phrh Min'd gabbro is slightly magnetic

FOOTAGE		DESCRIPTION
FROM	TO	
428.5	450.0	Gabbro, med gr'd, chl'd & carb'd, dis. fine - med gr'd phrh-cpy Frac'd zone, highly alt'd carb'd & chl'd gabbro with dis'd pyr-cpy-py 451 - 452 Pink fine gr'd feld dike, dis'd py-pyrh-cpy
450.0	457.1	
457.1	520	Gabbro, gr-grn. med gr'd, carb'd dis'd phrh-cpy-py
520	536	Similar to above but less min'd
536	547.5	Fine gr'd dark dioritic dike, carb'd dis'd py-pyrh-cpy
547.5	569.5	Shear zone, chl'd, carb'd, sh'd @45° dis'd phrh-cpy-py
569.5	578.5	Fine gr'd dark dioritic dike
578.5	589.0	Gabbro, pegmatitic, very spse dis'd phrh-cpy
589.0	591	Fine, gr'd dark dioritic dike
591	599.5	Gabbro, peg. spse dis min'm
599.5	601	Fine gr'd diorite
601	692	Gabbro, locally pegmatitic spse locally dis'd pyr-cpy to about 640' 637.0 - 641.0 Diorite, dark, fine gr'd, dis'd py 644.2-645.7 Diorite, dark, fine gr'd dis'd py 653.0-659.5 Diorite, dark, fine gr'd dis'd py
692		End of Hole.



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D. D-Hole No. 3

PROJECT Lac des Iles

Sheet No. 1

LOCATION 52 + 40N

2 + 60W

HOLE STARTED Feb. 13, 1964

HOLE COMPLETED Feb. 18, 1964

CORE RECOVERY 99.5 %

DRILLED BY Griffith

LOGGED BY B. M. Arnott

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
500'	46°	
770'	40°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N. 10° W

DIP 45°

LENGTH 774'

HOR. PROJ. 560' VERT. PROJ. 535'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	18	Casing, boulders from 6'
18	50	Gabbro med - f. gr'd, dark gr-grn, calc'd, scat'd frac's to 30', no min'm.
50	187.0	Gabbro, med gr'd, local'y c gr'd, sparse local'y dis'd pyr-h-cpy, magnetite 69-73 lost core
187.0	190.5	Feld porph, dark f. gr'd, dis'd py-pyrh
190.5	194.0	Gabbro, med gr'd
194.0	195.5	Pink granite dike
195.5	205.0	Gabbro, med gr'd
		195.5 - 200.5 dis'd py-pyrh-cpy
205.0	207.0	Basic dike, dark f. gr'd magnetic
207.0	213.0	Gabbro, med. gr'd.
213.0	216.0	Basic dike, dark f. gr'd, magnetic
216	321	Dioritic gabbro, light gr. grn, num large feld pheno's

FOOTAGE		DESCRIPTION
FROM	TO	
		217.2-224.0 dis'd pyr-h-cpy-py
		241.0-244.8 dis'd pyr-h-cpy-py
		315.0-317.7 dis'd pyr-h-cpy-py
321	354	Feld porph, dark f gr'd, spse dis'd kpy-pyrh
354	417	Gabbro, med. gr'd, mass, spse scat'd py-pyrh-cpy
417	435.5	Feld porph-dark f. gr'd, carb seams. py-pyrh-mag 425 -426? Fault 6" mud seam?
		427-428 Gabbro
435.5	444	Gabbro, highly chl'd feld pheno's
444	454	?Feld porph, ? seds, dark f gr'd, py-pyrh-mag
		448-450 Gabbro, chl'd, py-pyrh
454	470	Gabbro, med gr'd, chl'd, carb seams, very spse pyr-h-cpy-py
		468-470 ? Feld porph ? seds
470	517	Noritic gabbro, med gr'd, chl'd, carb'd pyr-h-cpy dis'd & seams
		517 527 ? Seds, dark f - med gr'd, bedding @ 45° magnetite ? iron form'n
527	542.4	Noritic gabbro, chl'd, carb'd, med-f gr'd spse dis'd pyr-h-cpy
		542.4 552.5 ? Seds ? Iron form'n, heavy mag, carb seams
552.5	660	Noritic gabbro, m-f gr'd, chl'd, carb'd spse dis'd pyr-h-cpy
		589-590 Qtz - Feld vein, biotite-tourmaline
		593-594 Qtz-feld vein, biotite-tourmaline
		619-622 Qtz-feld vine, biotite-tourmaline
660	750.7	Noritic gabbro sim to above but min'm becoming very spse & scat'd

FOOTAGE		DESCRIPTION
FROM	TO	
750.7	774	Gabbro, med gr'd chl'd, mass No sulphides
774		End of hole

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D. D-Hole No. 4

PROJECT Lac des Iles

Sheet No. 1

LOCATION 51 + 80N

6 + 45W

HOLE STARTED Feb. 19, 1964

HOLE COMPLETED Feb. 20, 1964

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B.M. Arnott

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
275'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N 10° W

DIP 45°

LENGTH 292'

HOR. PROJ. 206' VERT. PROJ. 206'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	7	Casing
7	45	Noritic gabbro, chl'd, med gr'd, mass, spse dis'd pyr-h-cpy
45	57	Gabbro, fine gr'd, very fine spse dis'd pyr-h-cpy
57	137.5	Noritic gabbro, med-coarse gr'd, dis'd pyr-h-cpy throughout, well min'd in sect's scat'd qtz-carb s ● 45°
		110-111 Lamp dike py-mag
		116.5-118.5 Lamp dike py-mag
		m 126 - 127 Lamp dike py-mag
		133' Frac'd zone, lost water
137.5	145.0	Dioritic gabbro, med gr'd, mass. chl'd
		142-143 Lamp dike, py-mag
145.0	152.5	Feld porph, med gr'd - py
152.5	258	Gabbro, local'y dioritic with feld pheno's Occ'l scat'd py-pyrh
258	292	Sediments, ? dark med gr'd, qtz-hbde-bio-mag spse py dis'd & seams 263,8-264.5 Granite pegmatite
292		End of Hole

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D. D-Hole No. 5

PROJECT Lac des Iles

Sheet No. 1

LOCATION 51 - 90N

6 - 50W

HOLE STARTED 21, Feb. 1964

HOLE COMPLETED 23, Feb.

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B.M.A.

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
140'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH 5.10°E

DIP 45°

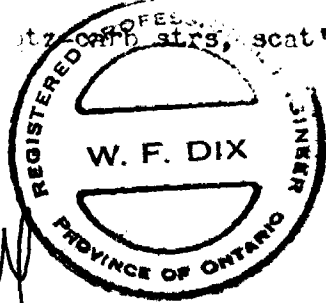
LENGTH 440'

HOR. PROJ. 310' VERT. PROJ. 310'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	7	Casing
7	77.5	Noritic gabbro, med gr'd, localy c. gr'd chl'd, mag. spse dis'd ppy-
77.5	83.7	Feld porph, gray, med gr'd, fine dis'd py and pyrhc-py in narrow frac's.
83.7	91.2	Noritic gabbro, chl'd, mag, spse pyrhc-py
91.2	95.5	Feld porph, gray, med gr'd, fine dis'd py & pyrhc-py in narrow frac's.
95.5	210	Noritic gabbro, med-coarse gr'd, becoming better min'd than above 147' lost water 186.4 - 187.6 Fine gr'd basic dike, mag-py

FOOTAGE		DESCRIPTION
FROM	TO	
210	330	Noritic gabbro sim to above but with coarse blobs of pyr-h-cpy also in frac's, some mag 297.7 - 280.0 fine gr'd basic dike, mag.
330	442.2	Sim to above, but min'n fine & more scat'd.
442.2	440	Gabbro, gr-grn, med gr'd, mass, atz carb str's, scat'd patches of dis'd fine gr'd pyr-h-cpy
440		End of Hole

W.F. Dix



REGISTERED PROFESSIONAL ENGINEER
W. F. DIX
PROVINCE OF ONTARIO

GUNNEX LIMITED.

D. D-Hole No. 6

PROJECT Lac des Iles

Sheet No. 1

LOCATION 48 - OON

9 - OCW

HOLE STARTED 24. Feb. 1964

HOLE COMPLETED 27 Feb.

CORE RECOVERY 100 %

DRILLED BY G.iffith Bros.

LOGGED BY B.M.A.

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
500'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

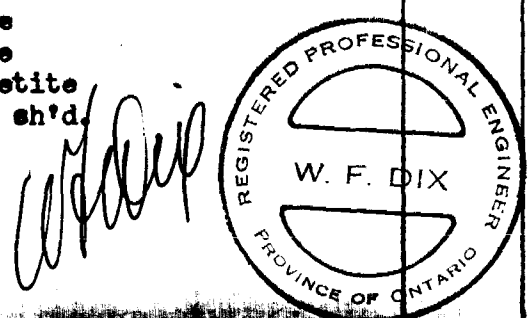
AZIMUTH N 65°W

DIP 45°

LENGTH 535'

HOR. PROJ. 376' VERT. PROJ. 376'

FOOTAGE		DESCRIPTION.	SAMPLING				Cu.	Ni	Au	Pt
FROM	TO		NO	FROM	TO	FEET				
0	19	Casing								
19	20	Noritic gabbro, coarse gr'd, no min'm								
20	41	Dark fine gr'd basic dike, or? seds? highly mag'c, dis'd fine gr'd cpy-py 24.0 - 26.0 Gabbro								
41.0	143	Noritic gabbro. gr-grn, med gr'd, chl'd, spse dis'd pyr-h-cpy-py 70.4 - 70.7 Qtz - Feld dike								
143	535	Dioritic gabbro, light variegated, mass, hard, med-coarse gr'd with local fine gr'd phase, very spse dis'd pyr-h-cpy 243.3 - 244.3 Gray, med gr'd granite dike 305.5 - 309.0 Gray, med gr'd granite dike 342.5 - 346.0 Gray, med gr'd granite dike 353.5 - 356.5 Gray, med gr'd granite dike 420.0 - 420.5 Fine gr'd basic dike, magnetite 506 - 515 Gabbro, fine gr'd, dark, mass, sh'd. End of hole. (Casing left in hole)								
535										



109361- 362-363-367-368-369-370-371-372-108707

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D. D-Hole No. 7

PROJECT Lac des Iles

Sheet No. 1

LOCATION 66 - 00N

8 - 00W

HOLE STARTED 28 Feb. 1964

HOLE COMPLETED 29 Feb.

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B.M.A.

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
277'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N 65° W

DIP 45°

LENGTH 292'

HOR. PROJ. 205'

VERT. PROJ. 205'

FOOTAGE		DESCRIPTION.	SAMPLING							
FROM	TO		NO	FROM	TO	FEET				
0	9	Casing Moritic gabbro, gr-grn, med gr' d, mass highly chl'd, med mag'c Num chl'e slips diag & acute to core Occ'l narrow feld str @ mostly acute angle 64.0 chl'e slip displaces feld. str. 150.0-150.1 seam of fine gr'd magnetite. Virtually no sulphides. 268.5-269.4 Dike, Feld-biotite End of hole (Casing left in hole)								
9	292									
	292									

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D. D-Hole No. 8

PROJECT Lac des Iles

Sheet No. 1

LOCATION 64 - 00N

9 - 50W

HOLE STARTED 1 Mar., 1964

HOLE COMPLETED 4 Mar.

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B.M.A.

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	
360'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N 65° W

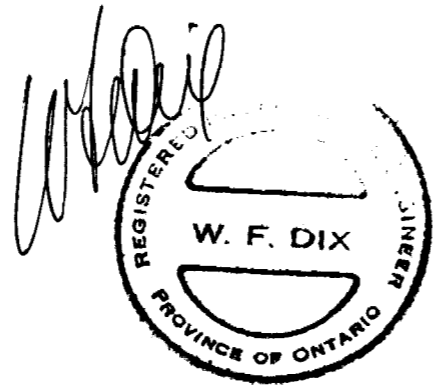
DIP 45°

LENGTH 370'

HOR. PROJ. 260' VERT. PROJ. 260'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	4	Casing
4	11.5	Noritic gabbro, dark, med gr'd, mass, chl'd, local dis'd mag, very spse dis'd pyr-h-cpy
11.5	15.0	Fine gr'd basic dike, slightly mag'e.
15.0	35.5	Noritic gabbro, sim to above 33.5 - 35.5 well dis'd pyr-h-cpy
35.5	101	Noritic gabbro, coarser gr'd, light gr-grn, non-mag'c, spse dist pyr-h-cpy becoming more plentiful from 90' 72.0 - 73.0 Qtz-carb vein
101.0	147.0	Noritic gabbro, darker & finer gr'd than above, local'y dis'd mag, very spse pyr-h-cpy 101.0-104.0 well dis'd pyr-h-cpy 105 - 107 Qtz str parallel to core
147.0	156.3	Noritic gabbro, chl'd, seams of pyr-h-mag-cpy, some dis'd min'm, mag occupies walls of frac's with pyr-h in centre, pyr-h also strong mag'c
156.3	284.0	Noritic gabbro, dark chl'd, mass, med gr'd, local spse dis'd pyr-h-cpy, dis'd mag locally dist'd 173.8 - 179.8 dis'd pyr-h-mag-cpy

FOOTAGE		DESCRIPTION	SAMPLING				Cu	Ni	Au	Pt	Pd
FROM	TO		NO.	FROM	TO	FEET					
284	322.5	260-262 Heavy magnetite Heavy dis'd magnetite in gabbro, very spse dis'd pyr-h-cpy									
322.5	370	297.8-298.4 Magnetite, med gr'd, dis'd fine gr'd py-cpy Noritic gabbro, med gr'd, locally coarse gr'd, mass, local very spse mag & scat'd mag seams, loc'y dis'd pyr-h-cpy									
370		End of hole									



GUNNEX LIMITED.

D. D-Hole No. 9

PROJECT Lac des Plés

Sheet No. 1

LOCATION 84 - 00N

12 - 30W

HOLE STARTED 8th March, 1964

HOLE COMPLETED 9th March, 1964

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B.M.A.

SURVEY		
DEPTH	DIP	AZIMUTH
0'	45°	5.65° E
300'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

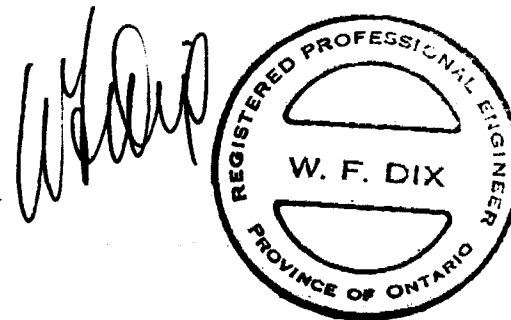
AZIMUTH 5.65° E

DIP 45°

LENGTH 300'

HOR. PROJ. 210' VERT. PROJ. 210'

FOOTAGE		DESCRIPTION.	SAMPLING							
FROM	TO		NO	FROM	TO	FEET				
0	14	Casing								
14	300	Gabbro, mass, med gr'd Dis'd magnetite locally up to 40% very spse dis'd cpy locally distrib'd								
300		End of Hole.								



GUNNEX LIMITED.

D. D-Hole No. 10

PROJECT LAC DES ILES

Sheet No. 1

LOCATION 48 - 00N

22 - 50W

HOLE STARTED Mar. 11/64

HOLE COMPLETED Mar. 13/64

CORE RECOVERY 100 %

DRILLED BY Griffith Bros.

LOGGED BY B. M.

SURVEY		
DEPTH	DIP	ASIMUTH
345'	45°	

COLLAR. LAT. _____

DEP. _____

ELEV. _____

AZIMUTH N. 90° E

DIP 45°

LENGTH 346'

HOR. PROJ. 245' VERT. PROJ. 245'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	12	Casing
12	35	Sediments, dark, fine gr'd, bio-hbde-chl with scat'd feld frags 7 1/2", indistinct bedding mostly at acute angle to core axis, fine dis'd py, scat'd narrow bands high in fine magnetite
35	48	aplite dike, contacts at acute angle, patches of epidote, inclusions of sediments.
48	133	Gabbro, gr. grn, med gr'd, chl'd, mass, non-mag'c scat'd aplite str's up to 1' with bio-epidote, cpy-pyrh in narrow frac's, 112.8-114.5 weak frac zone with pyrh-cpy in seams
133	266.5	Gabbro sim to above but with local coarse gr'd phases, widely scat'd weak frac's with pyrh-cpy, also widely dis'd pyrh-cpy crystal clusters
		135.5 - 144.5 scat'd seams & clusters pyrh-cpy 191.9 - 194.0
		qtz - chl-bio str at acute angle, fine dis'd py-cpy-pyrh
		228.0 - 229.0 qtz filled frac with pyrh-cpy
		236.0 - 240.4 sh'd @ 45°, qtz-chl-epid, fine pyrh-py-cpy
		252.1 - 255.5 sh'd @ 45°, qtz-chl-epid, fine pyrh-py-cpy
266.5	270.5	Fine gr'd basic dike, magnetite, spse py-cpy
270.5	346	Gabbro, fine gr'd, becoming very coarse gr'd to end of hole

FOOTAGE		DESCRIPTION
FROM	TO	
346		274.5 - 280.5 finely dis'd py-grph-cpy End of hole

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GUNNEX LIMITED.

PROJECT Lac des Iles

D. D-Hole No. 11

Sheet No. 1

LOCATION 60 + 90 N
20 + 95 W

HOLE STARTED March 14, 1964
HOLE COMPLETED March 15, 1964
CORE RECOVERY 100 %
DRILLED BY Griffith Bros
LOGGED BY B.M.

SURVEY		
DEPTH	DIP	AZIMUTH

COLLAR. LAT. _____
DEP. _____
ELEV. _____
AZIMUTH S 25° E
DIP 45°
LENGTH 310'
HOR. PROJ. 218' VERT. PROJ. 218'

FOOTAGE		DESCRIPTION.
FROM	TO	
0	12	Casing
12	28.5	Gabbro, mass, chl'd, mostly med gr'd with coarse pegmatitic bands, non-mag'c, occ'l pyr-h-cpy clusters.
28.5	44.8	Sim to above but more min'd 28.5 - 31.5 scat'd clusters pyr-h-cpy 35.7 - 39.0 scat'd clusters pyr-h-cpy
44.8	116.0	Gabbro, fairly uniform pyr-h-cpy dis'd and in clusters and seams 75.0 - 116.0 min'm more widely scat'd & mostly in coarse clusters and seams 54.5 - 56.7 Fine gr'd basic dike, dis'd py.
116.0	133.0	Gabbro, med gr'd highly chl'd, very rare clusters pyr-h-cpy
133.0	189.5	Gabbro, mass, med gr'd, scat'd clusters & seams pyr-h-cpy

FOOTAGE		DESCRIPTION
FROM	TO	
189.5	310	Gabbro, coarse-med gr'd scat'd qtz strs with pyrth from 45° to rt angle to core Scat'd clusters & dis'd pyrth-cpy also in occ'l seams & frac's. Minn is patchy but widespread 240 - 250 & 270 - 280 sampled as specimen sect's. End of hole
310		

W. F. Dix



