

Box 12
104-I-7

ma
DIAMOND DRILL HOLE LOGS
TURNAGAIN COPPER-NICKEL PROSPECT
1970

TURNAGAIN COPPER-NICKEL PROSPECT - 1970
Diamond Drill Hole Logs, 1970

104-I-7
B.C.

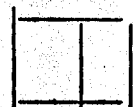
TURNAGAIN RIVER PROJECT, PN 145

LEGEND

For Holes Logged by R. Wares



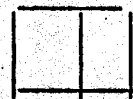
3a Dunite
3b Peridotite



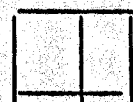
3c Olivine pyroxenite
3e Pyroxenite



3d Spinel rich zone



2a Siltstone



2b Graphitic schist
2d Graphitic phyllite



2c Sandstone
2e Greywacke

LITHOLOGY

- 1 fine grained
- 2 medium grained
- 3 coarse grained
- 4 layered or banded

TEXTURE

- 1 porphyritic
- 2 porphyroblastic
- 3 granular
- 4 schistose
- 5 granoblastic

SULPHIDES

- po Pyrrhotite
- py Pyrite
- cp chalcopyrite
- pn pentlandite
- D disseminated
- F on fractures

DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

<i>Inclination</i>	<i>Bearing</i>	PROPERTY	Turnagain 145	Length	456'	HOLE No.	S-14				
<i>Call/Gr</i>	40°	025°	Location	Cry Lake Area	Hor. Comp.	/Vert. Comp.	Sheet 1 of 4				
			Elevation	3370.07	Bearing	N 25° E	Logged by	R. Wares			
			Coordinates	47 837.56	N	Begun	12/5/70	/Completed	17/5/70	Sampled by	R. Wares
				51.459.21	E	Core size	AQ	/Recovery	%	R.W. M. Mickle,	

FOOTAGE From To	RECOVERY Run Core	DESCRIPTION	LITHOLY	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES			ASSAYS							
								No.	From To	Ft	Ni	Cu	S					
0	18'	Casing																
18'	30'	3b, dark blue black, med. grained partly granulated and serpentinised sulphides developed adjacent to serpentinous patches.	2	5	2 1 D F													
30	40	3b, variably serpentinised, po content increasing towards 40', thin serpentinous. fractures are present.	2	5,3	3 1 D F	2	tr D											
40	50	3b, total sulphide content increasing, trace bornite present. 42 - 42.5 45. trace py	2	3	3 1 FD F	2	tr tr D D											
50	60	3b, weak breccia zone at 51 to 51.5 4b, 55' - 56.5' Thin graphitic shears are present from 58 to 60.	2	3	3 1 F F	2	tr D											
60	70	3b, sporadic graphitic zones present, trace pentlandite present.	2	3,5	3 1 FD F	3	tr D D											
70	80	3b, with zones of 3d, cut by persistent graphite zones carrying po which is also disseminated in the host 3b.	2	3	2 1 FD F	3	tr FD D											
80	90	3b, as 70' - 80', from 80' to 87' 3e 87' - 90'	2	3	2 2 FD F	3	tr FD			14551								
										80	90	10	0.35	0.01	1.02			
90	100	3e, greyish, medium grained cut by persistent graphitic fractures, trace pn present.	2	3	2 1 FD F	2	tr FD			14552	90	100	10	0.21	0.02	0.90		
100	110	3e, 103 to 106, andesite dyke.	2	3	2 1 FD F	2	tr FD			14553	100	110	10	0.15	0.03	1.24		

DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

Inclination	Bearing	PROPERTY	Turnagain 145	Length	405'	HOLE No.	S-17
Collar	60°	Location	Cry Lake Area.	Hor. Comp.	205	Sheet	1 of 5
		Elevation	3558.95	Bearing	S 320W	Logged by	R. Wares
		Coordinates	49° 61.86 N	Begun	28/5/70	Completed	4/6/70
			50 172.22 E	Core size	A Q	/Recovery	ND %
						Sampled by	M. Mickle

FOOTAGE From To	RECOV'Y Run Core	DESCRIPTION	LITHOL'Y	TEXTURE	ALTERATION	MINERALIZATION	GRAPHIC	SAMPLES			ASSAYS						
								No.	From	To	Fr	Ni	Ca	S			
0	5	Casing			Serpentine	pyrox											
5	10	3e, greyish, med. grained pyroxenite															
10	20	3e, greyish, medium grained equigranular pyroxenite with thin spinel rich veinlets present at 45° to C.A. Blebs of po. at 18' . 1/2" diss po.	2	3					10	20	10	0.19	0.02	1.99			
20	30	3e, 20-27, become coarse grained with spinel rich layers (?) 27-30'. Bands at 70° to core axis.	3	3					20	30	10	0.11	0.02	1.24			
30	40	30 - 32 3e 32 - 38 gradation from 3e to 3b, 38 - 40 3e	2,3	3					30	40	10	0.08	0.02	1.33			
40	50	3e, spinel rich layer at 47', coarse 3e from 47 to 50.	2,3	3					40	50	10	0.11	0.01	0.49			
50	60	50 - 56 3e, coarse grained 56 - 59 3e, med. grained. 59 - 60 strong shearing spinel rich zone (1') at 53' with 1% diss po.	2,3	3	1 D	2 FD			50	60	10	0.08	0.03	0.52			
60	70	60 - 70 3b, with zones of 3d, extensive serpentinization, blebs and veinlets of po with trace pn at 67 to 68.5. (much core lost)	3	4,5	D	3 FD			60	70	10	0.10	0.02	1.44			
70	80	3b, blebs and stringers po, becoming greyish, medium grained, equigranular with sparse po from 75.	2,3	5	D	2 F			70	80	10	0.19	0.02	1.89			
80	90	AS 75 to 80, with increased po content 6" seam of po at 89 to 89.5	2	5	D	3 F			80	90	10	0.08	0.03	3.25			

DRILL HOLE RECORD

FALCONBRIDGE NICKEL MINES LIMITED

Inclination		Bearing		PROPERTY	Turnagain, 145	Length	4051	HOLE No.	S-17
Collar				Location	Cry Lake Area.	Hor. Comp.	/Vert. Comp.	Sheet	2 of 5
				Elevation		Bearing		Logged by	R. Wares
				Coordinates	N	Begun	/Completed	Sampled by	M. Mickle
					E	Core size	AQ /Recovery		%

FOOTAGE		RECOVERY	DESCRIPTION	LITHOLY	TEXTURE	ALTERATION		MINERALIZATION		GRAPHIC	SAMPLES			ASSAYS		
From	To	Run Core				Serp	Chlor	po	py		No	From	To	FA	Ni	Cu
90	100		3e, greyish coloured	2	3			1			90	100	10	0.10	0.02	3.49
								D			14569					
100	110		3e, diffuse layering at 45° to core axis. Andesite dyke at 102	2,4	3			1			100	110	10	0.04	0.04	0.63
								D			14570					
110	120		3e, as above with diffuse coarser unit from 114 to 116. Somewhat granulated.	3,4	3			1			110	120	10	0.12	0.02	-
								D			14571					
120	130		3e, vague diffuse layering present with sparse spinel veinlets.	2,4	3			2			120	130	10	0.07	0.02	-
								D			14572					
130	140		3e equigranular, sparse po	2	3			2			130	140	10	0.03	0.02	-
								D			14573					
140	150		3e, thin zone of 3b at 143 to 145.	2,4	3,5			2			140	150	10	0.06	0.03	-
								D			14574					
150	160		150 - 154, 3a. 154 - 160 3b, dark blue/black, somewhat granulated.	2,4	3,5	1		1			150	160	10	0.10	0.02	-
						D		D			14575					
160	170		3b, c, strongly sheared and granulated.	2	4,5	1		2			160	170	10	0.19	0.01	-
						D		D			14576					
170	180		3b, c, somewhat granulated with slight increase in po. content.	2	4,5			1			170	180	10	0.11	0.01	-
								D			14577					

PROPERTY Turnagain

HOLE NUMBER D.D.H #19

SHEET NUMBER 1 of 6

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 0' TO 100'

LOCATION: LAT. N 48,995.43

DEP. E 50,803.87

ELEVATION OF COLLAR 3,445.56

DATUM _____

DIRECTION AT START: BEARING N 34°E

DIP -40°

STARTED June 8, 1970

COMPLETED June 12, 1970

ULTIMATE DEPTH 390'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu.	% Ni.	% S
0-5	Jade boulder							
		120-130		10.0		0.02	0.12	
5-16	Overburden	130-140		10.0		0.02	0.07	
		140-150		10.0		0.01	0.03	
16-25	Slight amount of oxidized peridotite, slightly serpentinized. 1-2% pyrrhotite as disseminated	150-160		10.0		0.03	0.06	
	blobs. No visible chalcopyrite.	160-170		10.0		0.02	0.10	
	18.0 thin sulphide banding at 22° to core	170-180		10.0		0.01	0.19	
		180-190		10.0		0.01	0.12	
		190-200		10.0		0.01	0.19	
25-50	Some oxidized peridotite; broken sections.	200-210		10.0		0.01	0.06	
	1-2% disseminated sulphides	210-220		10.0		0.01	0.08	
	Slight amount of serpentine, weak carbonate on	220-230		10.0		0.01	0.16	
	occasional fracture (at 60° to core).	230-240		10.0		0.02	0.08	
	At 27-29, 31-32, and 38-41 have probable faults	240-250		10.0		0.03	0.12	
	(broken slickensides).	250-260		10.0		0.01	0.09	
	At 36', have 1/2" graphitic gouge at 65° to	260-270		10.0		0.01	0.11	
	core.	270-280		10.0		0.01	0.14	
50-100	2% disseminated sulphides in medium grained	280-290		10.0		0.01	0.04	
	peridotite. Occasional serpentine on low angle	290-300		10.0		0.01	0.05	
	25°-30° fractures.	309-310.5		1.5		0.09	0.24	11.00
		310.5-311		0.5	13451	0.72	0.21	11.89
		311 - 315		4.0	49985	0.04	0.11	4.59

PROPERTY.....Turnagain.....

HOLE NUMBER D.D.H. #19.....

SHEET NUMBER 2 of 6.....

SECTION FROM 100' TO 200'.....

DIAMOND DRILL RECORD

LOCATION: LAT.....

STARTED.....

DEP.....

COMPLETED.....

ELEVATION OF COLLAR.....

DATUM.....

ULTIMATE DEPTH.....390'.....

DIRECTION AT START: BEARING.....

PROPOSED DEPTH.....

DIP.....

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu	% Ni	% S
100-150	Peridotite as above but 1-2% disseminated sulphides.	315-325		10.0		0.03	0.26	1.39
	Occasionally 3-4% sulfides across moderate (6") widths.	325-335		10.0		0.08	0.68	1.00
		335-341		6.0		0.11	0.93	2.60
	121-125: broken	341-342.5		1.5		0.54	1.20	10.56
	125 plus: occasional chalcopyrite as veinlets and disseminations.	342.5-350		7.5		0.11	0.19	1.50
		350-360		10.0		0.02	0.13	
	143: graphitic serpentine fault zone	360-370		10.0		0.02	0.12	
	143-145: low angle contact with dense granular pyroxenite.	370-380		10.0		0.01	0.11	
		380-390		10.0		0.01	0.10	
	145-146: graphitic slips in peridotite at low angle to core.							
	146-147.5: greenish granular pyroxenite.							
	147.5: contact at 45°; greenish pyroxenite-peridotite; up to 4% sulphides in streaks but no chalcopyrite.							
150-200	Generally fine grained gray peridotite, minor pyroxenite. Sulphides 5-7%, occasional chalcopyrite in brecciated sections. Sulphides greater in brecciated, darker, coarse grained peridotite.							

PROPERTY Turnagain River

HOLE NUMBER D.D.H. #19

SHEET NUMBER 3 of 6

SECTION FROM 200' TO 300'

DIAMOND DRILL RECORD

LOCATION: LAT _____

DEP _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____

DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 390'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
150-200 (cont.)	158-158.3: 50% sulphide band at 47° to core. 1% graphite.							
	175-200: more mottled.							
	198-199: 60% sulphides; fine grained pyrrhotite and graphite; no chalcopyrite.							
	Banding and streaking at 55° to core, minor banding at 80° to core.							
200-300	60% peridotite, 20% pyrrhotite, 20% others.							
	200-211: mottled streaked peridotite; 5% sulphides.							
	211-214.5: green granular tuffaceous (?) rock; slight graphitic fractures; no visible minerali- zation.							
	Contact at 55° - brecciated;							
	213.5: white quartz							
	214.5-225: gray mottled peridotite-pyroxenite. Less than 2% sulphides. Occasionally graphite on fractures.							
	215-216: fault gouge							
	225-234.5: grey mottled; slightly serpentinized peridotite, and pyroxenite; occasional asbestos.							
	234.5": 1/4" sulphide band at 25° to core.							

PROPERTY Turnagain River

HOLE NUMBER D.D.H. #19

DIAMOND DRILL RECORD

SHEET NUMBER 4 of 6

SECTION FROM 300' TO 303'

LOCATION: LAT. _____

DEP. _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 390'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
200-300 (cont.)	234.5-246.5: 10% graphitic sulphides in fine grained altered mottled peridotite. No visible chalcopryrite.							
	246.5-249: broken peridotite							
	249-250: greenish fault gouge							
	250-257: broken graphitic peridotite.							
	257: low angle serpentine contact.							
	257-275: occasional sheared peridotite. 3-4% sulphides, no chalcopryrite. Occasionally slight graphite. Traces sieve texture.							
	Faults at 262, 264.5-265.							
	275-300: fine grained brown micaceous alteration of speckled peridotite. Contains 2% disseminated pyrrhotite and sulphide; no chalcopryrite.							
	292: white talc, serpentine in small irregular blobs.							
	300: increased amount of brown mica (bronzite??). Chloritic fractures, "skarny" appearance.							
300-303	Brown micaceous as before.							

PROPERTY Turnagain River

HOLE NUMBER D.D.H. #19

SHEET NUMBER 5 of 6

DIAMOND DRILL RECORD

SECTION FROM 303' TO 325'

LOCATION: LAT _____

STARTED _____

DEP _____

COMPLETED 390'

ELEVATION OF COLLAR _____

ULTIMATE DEPTH _____

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
303-309	303: Contact at 50° to core with gray peridotite							
	309: Occasional brown mica in fine grained peridotite.							
	3-5% disseminated sulphides.							
309-325	Increasing amount of dark peridotite.							
	309: Indefinite contact beyond which sulphides increase (5-8%). Some sieve texture.							
	White speckled "porphyritic" appearance in part due to white serpentine (?) blobs.							
	309-310.5: best sulphides - 30% pyrrhotite, 1% chalcopyrite.							
	313.5-315: sieve and massive sulphides (15%), occasionally chalcopyrite.							
	315-325: 2-4% sulphides.							
325-342.5	Dark peridotite, 3-5% disseminated coarse grained pyrrhotite. Pentlandite noticeable.							
	Graphite possible on occasional slip.							
	341: Gray pyroxenite, peridotite. Less sulphides except at contacts or in fractures.							

PROPERTY Turnagain

HOLE NUMBER D. D. H. #19

SHEET NUMBER 6 of 6

SECTION FROM 325' TO 390'

DIAMOND DRILL RECORD

LOCATION: LAT _____

DEP _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____

DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 390'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
325-342.5 (Cont.)	341-342.5: 40% sulphides, 1% chalcopyrite in band at 20° to core.							
342.5-350	Fine grained mottled peridotite and pyroxenite. Occasional pyrrhotite streaks. Very slight traces of chalcopyrite.							
350-390	Gray mottled peridotite, pyroxenite, and micaceous tuff (??) 351-351.5: brown micaceous tuff (?). Contact at 27° to core - contains pyrrhotite. 369-375: fine grained granular peridotite, weak disseminated sulphides, no chalcopyrite, occasional pyroxenite. 372-374: 5-8% disseminated sulphides in brown micaceous contact at 55° to core.							
END OF HOLE								

PROPERTY Turnagain

HOLE NUMBER D.D.H. #20

SHEET NUMBER 1 of 4

SECTION FROM 0' TO 200'

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: LAT N 49,111.09
 DEP E 50,876.21

STARTED June 13, 1970

ELEVATION OF COLLAR

COMPLETED June 16, 1970

DATUM

ULTIMATE DEPTH 348'

DIRECTION AT START: BEARING N 22° E
 DIP -41°

PROPOSED DEPTH

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu.	% Ni.
0-10	No recovery	10-20		10.0		.01	.01
		20-30		10.0		.01	.02
10-44	Mottled coarse grained pyroxenite, minor peridotite. 2-3% sulphides, very slight chalcopyrite. Banding 35-40°	30-40		10.0		.01	.01
		40-50		10.0		.01	.05
		50-60		10.0		.02	tr.
44-50	Fine grained green peridotite. Less than 1% sulphides.	60-70		10.0		.13	.11
		70-75		5.0		.01	.15
		75-85		10.0		.13	.30
50-100	Mottled pyroxenite, peridotite. Occasionally some asbestos. 98-100: 5% asbestos.	85-100		15.0		.01	.19
		100-110		10.0		.01	.07
		110-120		10.0		.02	.09
100-200	Varying percentages of dark peridotite and light pyroxenite. 100-125: 60% peridotite, 20% pyroxenite, 20% mottled. 100-104: granular sieve texture. 2% disseminated sulphides. 104-111: broken ground. 109-110: Fault	120-130		10.0		.01	.09
		130-140		10.0		.01	.10
		140-150		10.0		.01	.15
		150-160		10.0		.01	.12
		160-170		10.0		.02	.12
		170-180		10.0		.01	.13
		180-190		10.0		.01	.11
		190-200		10.0		.01	.13
		200-210		10.0		.01	.10
		210-220		10.0		.01	.12

PROPERTY Turnagain

HOLE NUMBER D.D.H. #20

SHEET NUMBER 2 of 4

SECTION FROM 200' TO 250'

DIAMOND DRILL RECORD

LOCATION: LAT _____

STARTED _____

DEP _____

COMPLETED _____

ELEVATION OF COLLAR _____

ULTIMATE DEPTH 348'

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	%Cu	% Ni
100-200 (Cont.)	111-112.5 : fine grained brown granular peridotite. 10% pyrrhotite and slight pentlandite	220	230	10.0		.01	.09
	in bands at 40° to core. Very slight amount of chalcopyrite.	230	240	10.0		.01	.07
		240	250	10.0		.01	.13
	112.5-118.5: black mottled peridotite. 2% disseminated sulphides.	250	260	10.0		.01	.08
		260	270	10.0		.02	.09
	118.5-120.8: fine grained greenish tuffaceous (?) peridotite (?). 1% sulphides. Contact at 15% to core.	270	280	10.0		.01	.06
		280	290	10.0		.01	.01
	120.8-123: crushed (fault). 2% sulphides	290	300	10.0		.01	.02
		300	310	10.0		.03	.06
	128.5-129.5: fine grained graphitic pyrrhotite. Contact at 40° to core.	310	320	10.0		.01	.07
		320	330	10.0		.01	.03
	130-150: slight brown micaceous peridotite.	330	340	10.0		.01	.02
340		348	8.0		.01	tr.	
200-250	150-175: granular peridotite, serpentine on fractures. 2% disseminated sulphides. Very slight amounts of chalcopyrite.						
	Generally peridotite but some pyroxenite.						
	Occasional chalcopyrite in pyrrhotite blobs.						
	204: Contact at 45° to core.						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #20

SHEET NUMBER 3 of 4

DIAMOND DRILL RECORD

SECTION FROM 250' TO 348'

LOCATION: LAT. _____

STARTED _____

DEP. _____

ELEVATION OF COLLAR _____

COMPLETED _____

DATUM _____

ULTIMATE DEPTH 348'

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
200-250 (Cont.)	204-230.5: light mottled peridotite-pyroxenite. Less than 2% sulphides.							
	230.5-231: Possible schist remnant. Marble texture, highly altered.							
	231-250: Dark peridotite, mottled.							
	236-237: brown micaceous as previously.							
	247: ½" good chalcopyrite and pentlandite.							
250-348	Generally mixed and mottled pyroxenite and peridotite.							
	250-293: light mottled peridotite. Slight banding and contacts at 45° to core.							
	2-5% sulphides but very slight amounts of chalcopyrite.							
	321-322: medium micaceous.							
END OF HOLE	335-348: fine grained peridotite. 2% sulphides.							
	Summary: Hole was supposed to probe at shallower depth for supposed steep dipping nickeliferous sulphide zone intersected in deeper D.D.H. #19. However, sulphide zone intersected was much weaker							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #21

SHEET NUMBER 1 of 5

DIAMOND DRILL RECORD

SECTION FROM 0 TO 97

Logged by J. Novaczek

LOCATION: LAT. N 49,469.13
 DEP. E 48,484.67

STARTED June 19, 1970

ELEVATION OF COLLAR 3,756.22'

COMPLETED June 25, 1970

DATUM

ULTIMATE DEPTH 661'

DIRECTION AT START: BEARING N 25° E
 DIP -40° at collar

PROPOSED DEPTH

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu.	% Ni.
0-36	Overburden (boulders, soil).	50-53		3.0		0.02	0.01
	0-34: casing	80-83		3.0		0.03	0.01
	18-36: mostly schist						
		103-111		15.0		0.01	0.02
36-39.5	Rusty weathered mottled schist, slight quartz. Fine grained disseminated pyrite. Brecciated in part.	113-120					
		100-103		10.0		0.01	0.07
		111-113					
39.5-49	Generally a mixture of marble textured schist and slightly feldspathized greenish fine grained, slightly schistose volcanic (?). Cut by tuffaceous (?) peridotite (?) 3% disseminated sulphides.	120-125					
	39.5: contact schistose breccia with white mica tuff (?) at 28° to core.	125-135		10.0		0.02	0.02
		175-185		10.0		0.02	0.01
		185-195		10.0		0.02	tr.
		195-205		10.0		0.03	0.02
		300-310		10.0		0.02	0.07
49-52.5	1% graphite and pyrrhotite bands at 45° and 70° to the core	310-320		10.0		0.03	0.06
		320-322		4.0		0.02	0.04
52.5-97	Mottled talcose peridotite, carbonate banding. Pyroxenite in part, orthopyroxenes to 1/4".	323-325					

PROPERTY Turnagain

HOLE NUMBER D.D.H. #21

SHEET NUMBER 2 of 5

SECTION FROM 97' TO 400'

DIAMOND DRILL RECORD

LOCATION: LAT. _____

DEP. _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 661'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu.	% Ni.
52.5-97 (cont.)	1-2% disseminated sulphides.	322	323	1.0		0.07	0.45
	52.5: contact at 50-60° to core	355	365	10.0		0.03	0.15
	60: low angle fault	365	375	10.0		0.03	0.05
	80-83: 3% disseminated sulphides, slight pentlandite, no chalcopryrite.	375	385	10.0		0.03	0.05
		420	430	10.0		0.02	0.03
97-100	Mostly granular pyroxenite. (Gradational off and on with peridotite). Weak carbonate stringers and slight serpentine slips. Occasional pyrite along fractures.	430	440	10.0		0.01	0.05
		440	450	10.0		0.02	0.07
		450	460	10.0		0.01	0.01
		460	470	10.0		0.02	0.03
100-400	General gradation of mottled pyroxenite-peridotite to darker peridotite-pyroxenite. Darker sections contain pyrite on fractures (not noticed in previous holes). Generally 2% sulphides, no chalcopryrite. General banding and contact at 45° to 64° to core.	470	480	10.0		0.05	0.14
		480	490	10.0		0.04	0.18
		490	500	10.0		0.04	0.16
		500	510	10.0		0.03	0.16
		510	520	10.0		0.04	0.18
		530	540	10.0		0.04	0.20
	192: Carbonate-talc gouge.	540	550	10.0		0.03	0.07
	200-202.5: 10% sulphides, no chalcopryrite.	550	560	10.0		0.02	0.05
	Sulphide banding at 50° to core.	560	570	10.0		0.02	0.03
	Darker sections: 226-227, 237-240, 243-243.5,	570	580	10.0		0.03	0.03
	301.5-307, 312-316, 359-364, 383-384.	580	590	10.0		0.03	0.04

PROPERTY Turnagain

HOLE NUMBER D.D.H. #21

SHEET NUMBER 3 of 5

SECTION FROM 400' TO 500'

DIAMOND DRILL RECORD

LOCATION: LAT. _____

STARTED _____

DEP. _____

COMPLETED 661'

ELEVATION OF COLLAR _____

ULTIMATE DEPTH _____

DATUM _____

DIRECTION AT START: BEARING _____

PROPOSED DEPTH _____

DIP _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu.	% Ni.
100-400 (cont.)	322-322.4: massive sulphides; chalcopyrite on contacts at 64° to the core. Pentlandite.	590-600		10.0		0.05	0.08
		602-602.2		3"	13460	0.08	0.38
	350: darker sections 10%	600-610		10.0		0.03	0.10
	396-397: banding and contacts at 30° to core.	610-620		10.0		0.04	0.08
	2% sulphides.	620-630		10.0		0.01	0.03
400-500		630-640		10.0		0.01	0.13
	Peridotite > pyroxenite.	640-650		10.0		0.01	0.13
	400-437: 90% black peridotite; mottled; 1-2% sulphides.	650-661		11.0		0.04	0.12
	424-425: tuff breccia at 45° to core.						
	437-449: slight sieve texture; ribbon banded dark, fine grained peridotite. Dark banding at 48°.						
	450-500: 50% pyroxenite (black spotted, coarse grained), 50% peridotite (darker, fine grained).						
	490-491.5: tuffaceous breccia, 1" brown altered near contact at 40° to core. Occasionally 1" gobs of pyrrhotite with chalcopyrite in darker material. General darker bands at 40° to core.						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #21

SHEET NUMBER 4 of 5

SECTION FROM 500' TO 661'

DIAMOND DRILL RECORD

LOCATION: LAT. _____

STARTED _____

DEP _____

COMPLETED 661'

ELEVATION OF COLLAR _____

ULTIMATE DEPTH _____

DATUM _____

DIRECTION AT START: BEARING _____

PROPOSED DEPTH _____

DIP _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
500-661	Mixed peridotite and pyroxenite as previously but generally darker than first part of hole.							
	500-500.5: pentlandite grains to 1/4" with pyrrhotite.							
	500-536: 80% dark peridotite, 3-5% disseminated sulphides slight chalcopyrite, pentlandite visible.							
	536-575: 90% grey mottled, pyroxenite > peridotite. Occasionally 1/4" pyrrhotite blobs, slight chalcopyrite in bands at 40° to core. 1-2% disseminated pyrrhotite and slight pentlandite throughout.							
	575-585: darker; more sulphides.							
	585-595: 8% sulphides, disseminated and streaked. Minor chalcopyrite as veinlets cutting pyrrhotite.							
	595-624: Mixed mottled peridotite. 10% fine grained sulphide, minor chalcopyrite. Banding at 40° to core.							
	602-603: slight graphitic pyrrhotite.							
	624-661: mixed granular and dark mottled peridotite and pyroxenite. Banding at 45° to core.							
END OF HOLE	2% sulphides							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #22

SHEET NUMBER 1 of 8

SECTION FROM 0 TO 75'

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: ~~XXX~~ Line 72 W - 22+60 S

STARTED June 27, 1970

ELEVATION OF COLLAR 3,888.85'

COMPLETED June 29, 1970

DATUM

ULTIMATE DEPTH 360'

DIRECTION AT START: BEARING 025°
DIP 40°

PROPOSED DEPTH

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	% Cu	% Ni.
0-15	Overburden	35-45		10.0	14655		.01
15-17	Medium dark gray, med. fine to fine gr. schist	45-55		10.0	14657		.01
	(dark with whitish irregular lineations) with	65-75		10.0	14652		
	pyrite and pyrrhotite in fracture or shear	85-95		10.0	14653		.01
	zones. Irregularly dispersed sulphides occur to	180-190		10.0	14666		tr.
	a minor degree along schistosity planes.	190-200		10.0	14667		tr.
17-25	At 17 for 7" broken pebbles occur followed by a	200-210		10.0	14658		.01
	3" band of med. fine gr. light gray ultra basic.	210-212		2.0	14662		tr.
	From 18-25 med. fine to fine gr. dark gray	215-221		6.0	14659		.01
	schist occurs with sulphides in fracture zones.	226-235		9.0	14660		.01
25-58	Same as 18-25; blob of pyrrhotite at 39+5" at	235-245		10.0	14656		tr.
	43 a 2" band of light gray, med. gr. ultrabasic.	288-298		10.0	14654		.02
58-61	Med. grain, med. light gray (with greenish tint)	307-310		3.0	14661		.02
	ultrabasic. A siliceous stringer runs through						
	most of the section. Fracture fillings intersect						
	the stringer. The fracture fillings have						
	almost entirely been replaced by sulphides. Some						
	disseminated sulphides occur throughout the rock						
	mass but <1%.						
61-75	Same as 17-25 (but with noticeable graphite						
	starting at 70).						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #22

SHEET NUMBER 2 OF 8

SECTION FROM 75' TO 176'

DIAMOND DRILL RECORD

LOCATION: LAT. _____

STARTED _____

DEP. _____

COMPLETED _____

ELEVATION OF COLLAR _____

DATUM _____

ULTIMATE DEPTH 360'

DIRECTION AT START: BEARING _____

PROPOSED DEPTH _____

DIP _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
75-78	4" schist at 75 then grades into med. gr. light gray ultrabasic with sulphides replacing fracture fillings.							
78-98	Dark gray, fine grain schist (banded light, dark) with massive sulphides in fractures zones (graphite and pyrrhotite).							
98-132	Light to med. gray ultrabasic cut by siliceous material. Sulphides occur in shear zones. Rock is moderately fractured. Contains <1% disseminated sulphides.							
132-140	Schist. Highly alt. schist and peridotite (breccia appearance) from 134-139. Contains high amount of graphite with pyrrhotite and pyrite.							
140-143	Med. fine grain, light to medium gray (with greenish tint) ultrabasic (light peridotite) with approx. 1% disseminated sulphides.							
143-146	Med. to med. coarse grain; med. to dark gray peridotite with minor disseminated pyrrhotite.							
146-176	Med. to med. fine grain, med. to dark gray peridotite intersected by siliceous injections $\frac{1}{4}$ to $\frac{1}{2}$ " thick. Rock is highly fractured at 153;							

PROPERTY..... Turnagain.....

HOLE NUMBER..... D.D.H. #22.....

SHEET NUMBER..... 3 of 8.....

SECTION FROM..... 176'..... TO 220'.....

DIAMOND DRILL RECORD

LOCATION: LAT.....

STARTED.....

DEP.....

COMPLETED.....

ELEVATION OF COLLAR.....

DATUM.....

ULTIMATE DEPTH..... 360'.....

DIRECTION AT START: BEARING.....
DIP.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
146-176 (cont.)	155-156; 158-159 and 170-172.							
176-200	Medium grain; dark gray to blackish peridotite with up to 5% sulphides from 190-194 and 196-200. At 194 a graphite contact zone was noted. From 194-196 a medium to medium fine; light greenish gray ultrabasic occurred which contained some disseminated sulphides.							
200-212	Medium to med. fine grain, dark gray to black peridotite containing 3%-5% disseminated sulphides. At 201-202 medium greenish gray, medium grain pyroxenite or peridotite with a gradational contact at each end. Siliceous material with sulphides fill this fracture.							
212-215	Medium grain, medium greenish gray pyroxenite (?) with stringers of light and dark fracture filling material. Rock contains <1% sulphides.							
215-220	Medium grain, dark gray to black peridotite containing 3%-5% disseminated sulphides. At 216'6"-217'6" rock has high concentration of randomly injected siliceous material, at 217'6"							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #22

SHEET NUMBER 4 of 8

SECTION FROM 220' TO 254'

DIAMOND DRILL RECORD

LOCATION: LAT. _____
 DEP. _____

STARTED _____

ELEVATION OF COLLAR _____

COMPLETED _____

DATUM _____

ULTIMATE DEPTH 360'

DIRECTION AT START: BEARING _____
 DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE			
215-220 (cont.)	a ½" band of greenish gray ultrabasic cuts section.						
220-226	Med. grain, med. greenish gray peridotite or pyroxenite contains few sulphides. Is well fractured at 224 and 225-226. At 222-223 block, medium grain peridotite cuts and contains approx 5% disseminated sulphides. In other parts of the section mineralization is associated with fracture fillings and shears.						
226-232	Medium fine grain, dark gray to black peridotite mottled with white siliceous injections and inclusions. Contains about 5% sulphides (pyrite, pyrrhotite and minor pentlandite).						
232-254	Med. to med. fine gr.; greenish gray peridotite or pyroxenite, mottled with med. grain black peridotite from 232-237, this peridotite contains irregularly spaced blobs of pyrrhotite. At about 237, 7" band of med. fine gr., light greenish gray pyroxenite or peridotite. From 239-240 med. coarse gr. med. gray peridotite or pyroxenite.						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #22

SHEET NUMBER 5 of 8

SECTION FROM 254' TO 297'

DIAMOND DRILL RECORD

LOCATION: LAT. _____
 DEP. _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____
 DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 360'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE			
232-254 (cont.)	240-245 med. coarse grain med. greenish gray mottled peridotite. Sulphides are present as fracture fillings and from 1%-5% disseminated.						
	245-254 med. gr.; med. greenish gray pyroxenite or peridotite with 1% disseminated sulphides.						
254-270	Med. coarse to coarse gr., light greenish gray peridotite is moderately fractured.						
	266-269 the coarse gr. peridotite is in contact with med. gr.; med. gray peridotite no noticeable disseminated sulphides except for that associated with fracture fillings.						
270-271	Med. grain med. gray peridotite, gradational contact.						
271-275	Sames as 254-270 sulphide nil; shear zones are serpentized.						
275-279	Med. gr.; med. to dark greenish gray peridotite (or pyroxenite?) cut by white siliceous fracture fillings. The section makes vertical contact with the previous coarse grain peridotite at 275 for 7" and 278 for 1'7".						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #22

SHEET NUMBER 6 of 8

SECTION FROM 279' TO 307'

DIAMOND DRILL RECORD

LOCATION: LAT. _____

STARTED _____

DEP. _____

COMPLETED 360'

ELEVATION OF COLLAR _____

ULTIMATE DEPTH _____

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
279-284	Med. to med. coarse grain; light to med. greenish gray peridotite (gives appearance of porphyritic texture from outside core section). The section is criss-crossed by dark fine fracture fillings. No noticeable sulphides.							
284-288	Med. to med. fine grain, dark gray peridotite. The rock is highly broken and sheared at 286+6" to 288 with 2 graphitic bands, (1½" at 287 and 287+6"). In the broken zone the rock is slightly greener than other rock type in section. Sulphides are present as fracture fillings and in shear zones but has little disseminated sulfides 1%.							
288-300	Med. coarse grain to coarse grain; med. greenish gray to med. gray peridotite. Contains disseminated pyrrhotite (1-2%) some of the mineralization occurs as irregularly dispersed enocrysts.							
300-307	Med. coarse to coarse grain, med. greenish gray peridotite (has porphyritic texture). Has 4" graphitic zone at 304. Sulphides nil. Fractured shear occurs at 301+6" and 307 where contact is							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #22

SHEET NUMBER 7 of 8

DIAMOND DRILL RECORD

SECTION FROM 307' TO 325'

LOCATION: LAT. _____
 DEP. _____

STARTED _____

ELEVATION OF COLLAR _____

COMPLETED 360'

DATUM _____

ULTIMATE DEPTH _____

DIRECTION AT START: BEARING _____
 DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
300-307 (cont.)	made with similar but dark rock type as in this section.							
307-311	rock type similar to 300-307 but slightly darker. Sulphide content is about 3-4% pyrrhotite and pyrite (disseminated) and pyrite as fracture fillings.							
	At 308+10"-309+4" a dark greenish grey fine grained ultrabasic occurs with a 1" graphitic band in the centre of this section.							
311-314	Medium to med. coarse grain, light greenish gray peridotite with pyrite as fracture filling but no disseminated sulfides.							
314-317	Medium coarse to coarse grain; dark gray peridotite with approx. 5% disseminated sulfides (pyrite, pyrrhotite, chalco?). Pyrrhotite and pyrite associated with graphite is the fracture filling material.							
317-325	Coarse grain; med. greenish gray pyroxenite or peridotite occurs. At 318-319 the core is cut subparallel by a pyrrhotite graphite mixture in a fine grain dark ultrabasic (peridotite?)							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #24

SHEET NUMBER 1 of 3

SECTION FROM 0 TO 75

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: LAT. N 51,471.9
 DEP. E 47,566.4

ELEVATION OF COLLAR 4,200.3'

DATUM _____

DIRECTION AT START: BEARING N 25° E
 DIP 34°

STARTED July 8, 1970

COMPLETED July 10, 1970

ULTIMATE DEPTH 199'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	Ni.		
0-25	Overburden (boulders and broken rock).	60'	70'	10'	14690	.27		
25-28	Fine to medium grain; greenish brown to greenish gray highly altered pyroxenite; rock is soft and has greasy feel (talc or graphite). Section is highly fractured and shattered.							
28-75	Medium grain; dark gray to blackish peridotite cut by irregularly sized and spaced bands of black fine grain fracture filling material, cutting the core from 31° to 70°. Section is highly sheared at 30' to 30'+6" and 32' to 33'. A 4" band of serpentinized material cuts at 58'+6". From 50' to 60' <1% sulphides occur; from 60' to 65' approx. 1-2% pyrrhotite; from 65'to 70' about 3% pyrrhotite pentlandite and pyrite is disseminated through section along with massive blobs or phenocrysts of pyrrhotite. 70' to 75 ' approx. 1-2% sulphides.							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #24

SHEET NUMBER 2 of 3

SECTION FROM 75 TO 199

DIAMOND DRILL RECORD

LOCATION: LAT 6+53S

DEP 74+50 W

ELEVATION OF COLLAR 15.3' below #170

DATUM _____

DIRECTION AT START: BEARING 025°
DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 199'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
75-136	Medium grain; dark gray to blackish peridotite cut by numerous black fine grain stringers cutting the core from 31° to 70°. At 117' a serpentized shear cuts at 54°; section is highly broken from 135-136.							
136-139	Medium grain; dark greenish gray diorite or pyroxenite with gradation to medium grain; medium light greenish gray pyroxenite in the centre (1'). The section is highly broken and contained no noticeable sulphide.							
139-199	Medium grain; black peridotite with <1% sulphides at various positions along the section. A ½" band of serpentized material occurs at 178'. At 196+8" a shear cuts core at 36°; section from 197' to 199 is "muddled" by fracture filling material. In general the section was moderately to highly broken.							
	Note: Hole drilled under best of high grade surface outcrop of upper nickel zone which further work may show to be a plunging or flat shoot. Holes 24, 25, 26, and 27 meant to be drilled with packsack which broke down							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #25

SHEET NUMBER 1 of 1

SECTION FROM 0 TO 53

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: LAT. N 51,471.9
 DEP. E 47,566.4

ELEVATION OF COLLAR 4200.3'

DATUM _____

DIRECTION AT START: BEARING N 25° E
 DIP 65°

STARTED July 10, 1970

COMPLETED July 10, 1970

ULTIMATE DEPTH 53'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	Ni.		
0-8	Overburden	13'	25'	12'	14691	.18		
8-12	Medium grain; dark greenish gray (with whitish phenocrysts) diorite or gabbro?; section is moderately broken.							
12-13	Contact area; muddled appearance, altered peridotite or pyroxenite.							
13-51	Medium to med. coarse grain; blackish peridotite with 1-3% sulphides (pyrrhotite, pentlandite? and pyrite) from 13-25. A band of fine grain black peridotite cuts at 48' and 1" serpentized band at 51.'							
51-53	Fine grain; black serpentized peridotite							
	<u>END OF HOLE - 53 ft.</u>							
	Note: Short test hole.							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #26

DIAMOND DRILL RECORD

SHEET NUMBER 1 of 3

SECTION FROM 0 TO 120

LOCATION: LAT. N 51,595.3

STARTED July 11, 1970

DEP. E 47,695.0

COMPLETED July 13, 1970

ELEVATION OF COLLAR 4,225.1'

DATUM _____

ULTIMATE DEPTH 253'

DIRECTION AT START: BEARING N 25° E
DIP 38°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	Ni.		
0-4	Overburden (boulders and broken rock)	10'	15'	5'	14692	.32		
4-13	Medium grain; med. gray andesite or diorite	15'	25'	10'	14693	.33		
	moderately fractured along the section.	80'	85'	5'	14694	.12		
	Sulphides approx. 1% disseminated with blobs of	85'	95'	5'	14695	.14		
	pyrrhotite from 12-13 and pyrite included in	95'	105'	10'	14696	.17		
	siliceous fracture fillings.	105'	112'	7'	14697	.19		
		135'	145'	10'	14698	.11		
13-32	Medium grain; blackish peridotite with 1-5% pyr-	145'	155'	10'	14699	.10		
	rhotite from 13-25. At 30' a 6" band of patchily	180'	182'	4'	14700	.13		
	serpentinized fine grain black peridotite occurs.	185'	187'					
	Sect. moderately fractured.							
32-120	32-33 band of medium grain gray peridotite							
	cut by fine grain black serpentinized peridotite.							
	33 on medium grain grayish black peridotite							
	intersected by a moderate number of veinlets							
	cutting at 30°-40°.							
	Sulphides from 80'-84' approx. 3-10% pyrrhotite							
	and pentlandite 85'-100' approx. 1-3% dissemi-							
	nated sulphide; 100'-103' up to 1% and 103-112							
	approx. 1-3% pyrrhotite, pyrite and some							
	pentlandite. At 103+9" a 3" band of fine grain							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #26

SHEET NUMBER 2 of 3

DIAMOND DRILL RECORD

SECTION FROM 120 TO 200

LOCATION: LAT. _____

STARTED _____

DEP. _____

COMPLETED _____

ELEVATION OF COLLAR _____

DATUM _____

ULTIMATE DEPTH 253'

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
32-120 (cont.)	peridotite (3% sulphide)							
120-178	Medium fine to medium grain; gray to blackish peridotite with black fine grain veinlets cutting at irregular angles and positions along the section. At 120+6" to 121 a band of light gray; medium grain diorite? or pyroxenite? occurs. From 135-145 about 1-5% sulphides occur, disseminated. From 145-155 finely disseminated pyrrhotite with pentlandite (5-20%) occurs.							
178-195	Medium fine to medium grain; dark gray or blackish peridotite cut by a medium to medium coarse grain peridotite at irregularly spaced intervals. The section is highly broken with prominent serpentized shears at 183 to 184, 186 to 187 and 191+5" to 192. At 190+3" a 2" band of pyroxenite occurs. Sulphide (pyrrhotite, pyrite and chalc) occurs in blobs, in fractures and shears and in semi-banded structures. From 186-187 and 182 for 3" sulphides constitute up to 50% of rock.							
195-200	Medium coarse to coarse grain grayish black peridotite with <1% disseminated sulphides.							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #26

DIAMOND DRILL RECORD

SHEET NUMBER 3 of 3

SECTION FROM 200 TO 253

LOCATION: LAT. _____

STARTED _____

DEP. _____

ELEVATION OF COLLAR _____

COMPLETED _____

DATUM _____

ULTIMATE DEPTH 253'

DIRECTION AT START: BEARING _____

PROPOSED DEPTH _____

DIP _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
200-206	Medium to medium coarse grain; dark gray peridotite							
206-210	grades to medium fine to fine grain; blackish peridotite. From 206+9" to 207 greenish brown with white phenocrysts to give a peppery texture. At 207 a 3" band of similar but slightly browner rock. 4 equally spaced serpentine bands cut from 208 to 210.							
210-242	Medium to medium coarse grain; blackish peridotite; moderately broken and cut at irregular intervals by black fine grain veinlets. Sulphides occur as occasional phenocrysts of pyrite and pyrrhotite but <1% disseminated. Section has serpentinized zone from 231 to 232 and is excessively broken at 219-220 and 230-232.							
242-252	Medium coarse to coarse grain dark peridotite with 6" gradation zone at 242 and 2" pyroxenite band at 242+8".							
252-253	Medium fine to fine grain of blackish peridotite with <1% sulphide. END OF HOLE							
	Note: Hole designed to continue section across "upper nickel zone" but unfortunately slightly off section. Sulphide content appreciable.							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #27

SHEET NUMBER 1 of 4

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 0 TO 44'

LOCATION: ~~XX~~ Co-ordinates: 5+55 S Δ 172

STARTED 14th July 1970

DEP. 72+50 W

COMPLETED 17th July 1970

ELEVATION OF COLLAR 4,232.1'

ULTIMATE DEPTH 203'

DATUM _____

DIRECTION AT START: BEARING N 25° E

PROPOSED DEPTH _____

DIP 38° N

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	Cu	Ni
0-7	Overburden	30'	35'	5'	14751		.10
7-20	Medium grain; medium to dark gray to brownish peridotite or pyroxenite; section highly broken and sheared. No noticeable sulphides.	35'	40'	5'	14752		.04
20-27	Medium grain black peridotite; moderately broken; gradation into serpentized zone at 27. Section contains erratically scattered specks of pyrrhotite <1%; is cut by several serpentine bands.	45'	55'	10'	14753		.03
		64'	65'	1'	6' 14754		.06
		69'	70'	1'			
27-30	Medium grain; med. greenish brown pyroxenite; highly broken (50% of section recovered).	71'	72'	1'	3' 14755		.24
		75'	78'	3'			
30-40	Medium coarse grain; light to medium dark peridotite moderately fractured and broken.	95'	100'	5'	10' 14756		.28
	Sulphides (pyrite and pyrrhotite) occur as fracture fillings and finely disseminated.	100'	105'	5'			
	30-35 contains about 10-30% disseminated sulphide	105'	113'	8'			
	35-40 contains about 1-5% disseminated and erratically scattered blobs	113'	125'	12'			
40-44	Medium grain; dark gray peridotite cut by black veinlets irregularly dipping and spaced; section is moderately fractured with sulphides associated mainly with fractures injections. At 44' sharp	125'	160'	10'	14757		.09
		160'	170'	10'	14758		.09
		175'	185'	10'	14759		.16
		185'	190'	5'	14760		.16

PROPERTY Turnagain

HOLE NUMBER D.D.H. #27

SHEET NUMBER 2 of 4

DIAMOND DRILL RECORD

SECTION FROM 44 TO 170

LOCATION: LAT. _____
 DEP. _____

STARTED _____

ELEVATION OF COLLAR _____

COMPLETED _____

DATUM _____

ULTIMATE DEPTH 203'

DIRECTION AT START: BEARING _____
 DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	Cu.	Ni.
30-44 (cont.)	contact cuts at 44°.	190	200	12'	14761		.22
44-55	Med. coarse grain; med. gray peridotite or diorite? Sulphides are from 1-5% disseminated and up to 20% in irregularly spaced blobs.						
55-81	Med. coarse grain; med. gray peridotite or pyroxenite; moderately fractured. Disseminated sulphides in section are about 1% with irregularly spaced and sized section running from 10-30%. Pyrite is mainly associated with fractures. High sulphide sections are 64-65; 69-70; 71-72 and 75-77.						
81-94	Medium fine to med. gr. black peridotite cut by irregularly spaced black veinlets intersecting from (30°-70°). Sulphides: about 1% pyrrhotite pyrite and perhaps chalco.						
143-170	Medium grain. dark gray to blackish peridotite cut by black stringers intersecting at 44°-75° and serpentinized fractures. Finely disseminated sulphides run generally <1%. A highly broken section from 160-170 contains 1-2% disseminated sulphides and also serpentinized zones						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #27

SHEET NUMBER 3 of 4

DIAMOND DRILL RECORD

SECTION FROM 170 TO 203

LOCATION: LAT. _____

STARTED _____

DEP. _____

COMPLETED _____

ELEVATION OF COLLAR _____

ULTIMATE DEPTH 203'

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
143-170 (cont.)	which contain pyrite cubes.							
170-175	Highly altered greenish pyroxenite. Slight traces of brown locally. Also whitish alteration patches. Strongly sheared. Core badly shattered. An altered serpentinized pyroxenite with a talcose feel.							
175-203	Medium grained dark gray to blackish peridotite cut by bands of white calcitic material at 182' (1" wide), 192' (2"), 196' (½") 198'5" a 1" minor veinlet of whitish material. 194'8" a 1" band of brownish green medium grained granular pyroxenite. Fractures are filled with greenish white calcitic material. At 176' greenish altered pyroxenite is cut by a serpentinized pyrrhotite containing zone. 175-203 Blobs of pyrrhotite with pentlandite and disseminated sulphides from generally 1% but occasionally up to 2%. Sulphides associated with fractures. 201' a 2" serpentinized band with veinlets of pyrrhotite. 188' 2"-3" of about 10% pyrrhotite.							
	END OF HOLE - 203'							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #28

SHEET NUMBER 1 of 7

SECTION FROM 0' TO 100'

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: LAT. N51,601.0

STARTED July 18, 1970

DEP. E 47,318.7

COMPLETED July 24, 1970

ELEVATION OF COLLAR 4,233.9'

ULTIMATE DEPTH 306

DATUM

DIRECTION AT START: BEARING N 25° E
DIP 38°

PROPOSED DEPTH

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample Number	Ni	Mo	Cu.
0-5	Overburden	50'-55'		5'	14768	.25		
5-9	Broken rock (probably boulders) 45% recovery.	125-125.2 140'-150'		2" 10'	13442 14769	.37 .14		0.09
9-55	Medium grain; dark gray (greenish tint) to black peridotite cut by black veinlets intersecting at 23° to 78°; highly broken from 50-55'. Sulphides generally <<1% over whole section (few specks of pyrrhotite sec.). From 50'-54+6" 2-3% pyrrhotite finely disseminated to phenocrystic. The section is cut by serpentized shears or fractures at 14'; 17'; 20-21'; 23'; 24'; 27'; 28'; and 31'-33'.	150'-160'		10'	14770	.16		
		172'-175'		3'	14771	.18		
		175'-185'		10'	14772	.16		
		185'-197'		12'	14773	.16		
		199'-210'		11'	14774	.11		
		210'-220'		10'	14775	.12		
		225'-228'		3'	14776	.27	.06	
		226-226.5		6"	13444			
		A selected 6" section assayed				1.12 Ni	1.72	0.2
		230'-235		5'	14777	.18		
55-68	Medium grain; light to med. gray peridotite; moderately fractured and broken; highly broken at 64-65 and cut by a pyroxenite type band at 58'. Sulphide in section runs approx. 1% pyrrhotite (finely disseminated and phenocrystic) with pyrite crystals associated with shear and/or fracture zones.	260'-27-		10'	14778	.26		
				(Marked	14779)			
		275-286		11'	14780	0.13		
		286-298		12'	14781	0.07		
68-75	Same rock type as 55-68. Excessively fractured and broken. Approx. 20-30% recovery.							
75-100	Medium grain; light gray peridotite or diorite?, has "muddled" appearance at irregular intervals.							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #28

SHEET NUMBER 2 of 7

DIAMOND DRILL RECORD

SECTION FROM 100 TO 150

LOCATION: LAT _____

STARTED _____

DEP _____

COMPLETED _____

ELEVATION OF COLLAR _____

ULTIMATE DEPTH 306'

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
75-100 (cont.)	Section is highly broken and fractured, 35-45% recovery.							
	Recovered section contains 1-2% disseminated pyrrhotite, pyrite, chalcopyrite and specks of pentlandite.							
100-109	Highly broken graphitic zone; approx. 40% recovery; has some pyrrhotite associated with the graphite.							
109-110	Band of highly sheared "soap-stone"; greenish and soft.							
110-125	Medium grain; med. to dark gray peridotite (serpentinized and highly broken); about 70% recovery.							
	Serpentinized shear zones are oxidized brown with pyrite. Recovered section contains <1% disseminated pyrrhotite and pyrite.							
125-127	Med. grain; light gray peridotite (muddled appearance) highly broken with 1-5% graphitic pyrrhotite (disseminated and blobs) and pyrite.							
127-150	Medium to med. coarse grain; med to dark gray peridotite mod. sheared and broken (fractures and shears generally cut at 17° to 63°).							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #28

SHEET NUMBER 3 of 7

SECTION FROM 150 TO 181

DIAMOND DRILL RECORD

LOCATION: LAT. _____

STARTED _____

DEP. _____

COMPLETED _____

ELEVATION OF COLLAR _____

ULTIMATE DEPTH 306'

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE			
127-150(cont.)	Sulphides are generally <1% disseminated pyrrhotite and pyrite. At 133 approx. a 2" blob of graphitic pyrrhotite occurs. From 145+8" to 146+3" 20-30% disseminated pyrrhotite and pyrite and from 140-150 1-3% sulphides with pyrite crystals (oxidized) associated with fractures and shears.						
150-175	Medium to medium coarse grain black peridotite cut by black veinlets intersecting core from 34° to 60°; is moderately fractured. Sulphides in this section approx. 1% (pyrrhotite, pyrite, chalco and pentlandite) finely disseminated and phenocrysts. At 157 a 3" band of fine grained black peridotite cuts core. From 172-175 sulphides run 1-3%; massive occurrences at irregular intervals (pyrrhotite, pyrite and chalcopyrite); pyrite and chalcopyrite associated with fractures (blue, red and green oxidation surface in fractures).						
175-181	Med. grain; dark greenish gray pyroxenite, moderately highly fractured cut by a band of graphitic pyrrhotite at 178 level.						

PROPERTY Turnagain

HOLE NUMBER D.D.H. #28

SHEET NUMBER 4 of 7

SECTION FROM 181 TO 200

DIAMOND DRILL RECORD

LOCATION: LAT _____

DEP _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

STARTED _____

COMPLETED _____

ULTIMATE DEPTH 306'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
175-181 (cont.)	Sulphides generally 1% pyrrhotite and pyrite with 2-5% from 179-181 of phenocrystic to massive pyrrhotite and pyrite.							
181-185	Medium grain; black peridotite with 2-5% pyrrhotite; pyrite and chalco. At 184'+10" the peridotite ends and a greenish dark gray pyroxenite cuts at 42°.							
185-197	Medium fine grain dark greenish gray pyroxenite moderately to highly fractured with pyrite associated with siliceous fracture fillings. From 191-193 core is split in halves by fractures with whitish crystalline silicate. At 193 cut by serpentinized zone at 17°. Sulphides 1% finely disseminated with occasional phenocrysts of pyrrhotite. At 193+6" a massive blob of pyrrhotite occurs which also contains molybdenite (associated with fractures in the pyrrhotite)							
197-200	Med. gr.; greenish brown pyroxenite with graphitics (talcy feel) containing pyrrhotite and pyrite. The section ends at 199+6" and start of next rock type.							

PROPERTY Turnagain

HOLE NUMBER D.D.H. #28

SHEET NUMBER 5 of 7

DIAMOND DRILL RECORD

SECTION FROM 200 TO 233

LOCATION: LAT. _____
 DEP. _____

STARTED _____

ELEVATION OF COLLAR _____

COMPLETED _____

DATUM _____

ULTIMATE DEPTH 306'

DIRECTION AT START: BEARING _____
 DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
200-225	Med. grain; med. dark (greenish tint) gray pyroxenite or peridotite, moderately to highly fractured and broken. Horizontal fracture and broken from 216+6" to 217+6" serp. with pyrite. At 205 an 8" band of med. coarse grain; light gray peridotite with blobs and disseminated pyrrhotite. Sulphides generally <1% finely disseminated except for occasional phenocrysts and laminations of pyrrhotite (202'; 1' band 50% sulphides and 2½" laminae from 209-210). From 207-212 2-5% pyrrhotite and pyrite occurs. Fractures cut 24° to 60°.							
225-228	Same as 200-225 but with massive pyrrhotite, pyrite and chalco containing 1-3% molybdenite (fracture injection). Most massive section (sample at 225'9"-226'). Generally section contains <1% finely disseminated sulphides.							
228-233	Med. coarse grain; med. dark gray peridotite. moderately fractured with serpentization. Sulphides (pyrite, pyrrhotite) <1% with large							

PROPERTY.....Turnagain.....

HOLE NUMBER.....D.D.H. #28.....

SHEET NUMBER.....6 of 7.....

SECTION FROM.....233..... TO.....296.....

DIAMOND DRILL RECORD

LOCATION: LAT.....
 DEP.....
 ELEVATION OF COLLAR.....
 DATUM.....
 DIRECTION AT START: BEARING.....
 DIP.....

STARTED.....
 COMPLETED.....
 ULTIMATE DEPTH.....306'
 PROPOSED DEPTH.....

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
228-233(cont.)	pyrrhotite blob at 233'+4"							
233-249	Coarse grain; dark gray peridotite, moderately fractured with serpentine shear at 245'+6" and 248' at approx. 48°.							
249-250	Only sulphides at 242¼' 5% pyrrhotite band. Band of medium grain; black peridotite with serpentinized contact at both ends.							
250-259	Contains a few scattered pyrrhotite phenocrysts. Same as 233-249 but slightly lighter coloured.							
259-287	Sulphides <<1%; section cut by a few black stringers. Med. grain; med. to dark greenish gray pyroxenite moderately fractured. Cut by 8" band of brownish white basic rock intersecting at 65° with 1% pyrrhotite? and a band of coarse grain dark peridotite at 264'+6" (14"). In general sulphides (pyrrhotite and pyrite) <1% disseminated.							
287-296	273-275 1-5%. Med. coarse to coarse grain; light gray peridotite has appearance of having been fractured then glued together with siliceous injection material "muddled". In several places along section has							

PROPERTY Turnagain

HOLE NUMBER P.S.H. #1

SHEET NUMBER 1 of 1

SECTION FROM 0 TO 49

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: LAT N 51,617.8

DEP E 47,688.1

ELEVATION OF COLLAR 4230.2'

DATUM _____

DIRECTION AT START: BEARING --) vertical hole
DIP 90°)

STARTED 17th July 1970

COMPLETED 17th July 1970

ULTIMATE DEPTH 49'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample No.	Ni.		
0 - 25	Med. gr. black (granular) peridotite moderately fractured cut by black stringers intersecting from 50°-55° (most frequent from 0'-5'). At 21' serpentized shear cuts at 60°.	4 - 8	15 - 17	4')6' 2')	14766	0.8		
	Section contains about 1% pyrrhotite 4'-7' and 15'-17' contains massive blobs giving a sulphide content of up to 5%.	8 - 15		7'	14793	.33		
		17 - 25		8'	14794	.27		
25 - 45	Med. gr. dark gray to blackish peridotite cut by black stringers (highly from 35-42) generally cutting from 50°-60°. No sulphides observed. At 39' a 4" band of greenish brown "soap-stone" intersects. On both sides of this band a 1' section of fine gr. black peridotite occurs.							
45 - 49	Med. gr. med. dark to dark gray peridotite occurs.							
	<u>End of hole - 49 ft.</u>							

PROPERTY.....Turnagain.....

HOLE NUMBER.....P.S.H. #6.....

SHEET NUMBER.....1 of 1.....

SECTION FROM.....0'.....TO 20'.....

DIAMOND DRILL RECORD

Logged by J. Novaczek

LOCATION: LAT.....N 51,810.6.....

DEP.....E 47,735.0.....

ELEVATION OF COLLAR.....4260' (Estimate).....

DATUM.....

DIRECTION AT START: BEARING.....-- } vertical hole
DIP.....90° }

STARTED.....July 24, 1970.....

COMPLETED.....July 24, 1970.....

ULTIMATE DEPTH.....20'.....

PROPOSED DEPTH.....

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE			
0 - 13	Med. gr. (granular textured) black peridotite cut by moderate number of black fine gr. stringers intersecting at 45° to 53°. Section moderately to highly broken.						
13 - 16	Med. fine gr. black peridotite, highly fractured. From 14+00"-16' fractures oxid. brown.						
16 - 19	Med. fine gr. dark greenish gray pyroxenite highly fractured and broken.						
19 - 20	Med. gr. black peridotite. No sulphides observed except for rusty stains in fractures and occasional pyrite crystals.						
<u>E.O.H.</u>							

PROPERTY Turnagain

HOLE NUMBER P.S.H. #8

SHEET NUMBER 1 of 3

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 0' TO 45'

LOCATION: LAT. 5' N of B.L. picket L. 38 E

DEP. 68' E of B.L. picket L. 38 E

ELEVATION OF COLLAR 3,860'

DATUM _____

STARTED July 29, 1970

COMPLETED July 31, 1970

ULTIMATE DEPTH 75'

DIRECTION AT START: BEARING 90° Vert. hole
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample No.	Ni.		
0 - 25	Med. to med. c. gr.; dark gray peridotite, moderately to highly fractured.	0	10	10'	14783	.04		
	In general the section fluctuates 2-5% disseminated pyrrhotite, chalco., pentlandite and pyrite.	10	15	5'	14784	.06		
	From 13-15 sulphides run 10-30% with 3" band of ~50% pyrrhotite.	15	20	5'	14785	.03		
	At 24' + 3" a 2" massive band of pyrrhotite, pentlandite and pyrite occurs.	20	25	10'	14786	.08		
		25	35	10'	14787	.07		
25 - 37	Med. to med. c. gr.; med. dark gray perid.; mod. to highly fractured	35	45	10'	14788	.04		
	In general sulphides (pyrrhotite, chalco., pent., pyrite) fluctuates from 1-3%	45	50	5'	14789	.05		
	At 28 a 3" band of ~50% sulphides (same as above) intersects.	50	61	11'	14790	.09		
		61	70	9'	14791	.11		
37 - 45	Med. c. gr.; med. dark gray peridotite; with mainly phenocrystic sulphides (pyrrhotite and pentlandite) and ~0.5% finely disseminated.	70	75	5'	14792	.12		

PROPERTY Turnagain

HOLE NUMBER P.S.H. #8

SHEET NUMBER 2 of 3

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 45' TO 70'

LOCATION: LAT. 5' N of B.L. picket L. 38 E

DEP. 68' S of B.L. picket L. 38 E

ELEVATION OF COLLAR 3.860' approx.

DATUM _____

DIRECTION AT START: BEARING --
DIP 90° Vert. hole

STARTED July 29, 1970

COMPLETED July 31, 1970

ULTIMATE DEPTH 75'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE			
45 - 50	Med. gr.; blackish peridotite cut by black stringers intersecting from 40°-55°. Section contains 0.5-1% finely disseminated pyrrhotite and pyrite.						
50 - 61	Med. gr.; dark gray to blackish peridotite, moderately to highly fractured cutting at 23° to 39°. Highly fractured from 60 + 6" to 61. Section intersected by c. gr., light gray basic (perid?) at 55 + 8". 6" band cutting at 56° contains approx. 3% pyrrhotite and pyr. In general section contains 1-3% phenocrystic pyrrhotite, pyrite and chalco.						
61 - 70	C. gr.; light gray peridotite cut by irregularly sized and spaced patches of black fine gr. peridotite. Section contains 1-3% phenocrystic pyrrhotite and pyrite. At 64 to 65 a band of med. gr. peridotite cuts with 2% sulphides.						

PROPERTY Turnagain

HOLE NUMBER P.S.H. #9

SHEET NUMBER 1 of 2

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 0 TO 22

LOCATION: LAT. 40 + 60' E) East
 DEP. 4 + 10' S) Grid (approx.)

STARTED August 2, 1970

ELEVATION OF COLLAR 3,880' approx.

COMPLETED August 3, 1970

DATUM ---

ULTIMATE DEPTH 66'

DIRECTION AT START: BEARING ---
 DIP 90° Vert.

PROPOSED DEPTH ---

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample No.	Ni.		
0 - 3	Med. coarse gr.; light gray pyroxenite; moderately to highly fractured and sheared. Fractures intersect 46° on average and have a rusty stain.	0 - 3		3'	14795	.10		
	Section contains approx. 1% phenocrystic pyrrhotite and pyrite.	3 - 5		2') _{9'}	14796	.35		
		8 - 15		7')				
		15 - 25		10'	14797	.21		
3 - 5	Very coarse gr. light gray pyroxenite; moderately fractured. Contains 2-3% finely disseminated as well as massive blobs of pyrrhotite and pentlandite.	25 - 35		10'	14798	.25		
		43 - 50		7'	14799	.17		
5 - 8	C. gr.; dark gray to blackish peridotite; gradational contact at 8 with peg. pyrox. Sulphides 0.5-1% disseminated specs of pyrrhotite, pyrite and pentlandite.	55 - 66		11'	14800	.23		
8 - 22	Coarse gr. to pegmatitic; med. dark gray pyroxenite cut by rusty fractures. Section contains phenocrystic pyrrhotite and pent. as sulphides. Also finely disseminated sulphides are present but <<1%.							

PROPERTY Turnagain

HOLE NUMBER P.S.H. #9

SHEET NUMBER 2 of 2

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 22 TO 66

LOCATION: LAT. 40 + 60' E) East
 DEP. 4 + 10' S) Grid

STARTED August 2, 1970

ELEVATION OF COLLAR 3,880' approx.

COMPLETED August 3, 1970

DATUM

ULTIMATE DEPTH 66'

DIRECTION AT START: BEARING 90° (Vert. Hole)
 DIP

PROPOSED DEPTH

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
22 - 34	Med. c. gr. to coarse gr.; med. dark to dark gray pyroxenite. At 28 + 6" a (3" to 4") blob or band of pegmatitic pyroxenite (injection) cuts. Section is cut by moderate number of black runners dipping about 40° to 50°. Contains approx. 1-2% disseminated specks of pyrrhotite and pentlandite along with a moderate number of blobs.							
34 - 41	Pegmatitic textured light gray to greenish gray pyroxenite with occasional specks of sulphides. From 37 to 38 (cutting core at approx. 90°) a band of med. f. gr., dark gray peridotite.							
41 - 66	Med. coarse gr.; dark gray peridotite pyroxenite (tendency to perid.) cut by blotches of pegmatitic crystals of pyroxenitic material and by black runners dipping (20 to 50°). At 47 + 2" section is intersected by 8" band of m. f.							
End of Hole - 66 ft.	gr. med. greenish gray pyroxenite. Sulphides are generally 1% finely disseminated with occasional specks of pyrrhotite.							

PROPERTY Turnagain

HOLE NUMBER P.S.H. #10

SHEET NUMBER 1 of 1

SECTION FROM 0 TO 43

DIAMOND DRILL RECORD

Logged by J. Novacek

LOCATION: LAT 57 + 80' E) East
 DEP 6 + 80' S) Grid

STARTED 5th August 1970

ELEVATION OF COLLAR 4,050' approx.

COMPLETED 6th August 1970

DATUM _____

ULTIMATE DEPTH 43'

DIRECTION AT START: BEARING _____
 DIP 90° Vert. hole

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample No.	Cu.	Ni.
0 - 25	M.c. gr. dark gray pyrox-perid. type with tendency toward perid.	0 - 10		10'	14701	.06	.12
	Section in moderately fractured; highly fractured at 10-12, 16-17, 23, 24	10 - 20		10'	14702	.06	.09
	Section is cut at irregular intervals by very coarse gr. pyroxenite (pegmatitic)	20 - 30		10'	14703	.05	.12
	Contains 3-5% sulphides (phenocrystic and blobs of pyrrhotite and pent. with minor calco.)	30 - 36		6'	14704	.05	.08
		36 - 43		7'	14705	.09	.07
25 - 29	M.c. gr. dark greenish gray to blackish gabbroic incl. peridotite?						
	Contains approx. 0.5-1% finely disseminated pyrrhotite, pyr. and approx. 2% of phenocrystic.						
29 - 31	Med. to med. c. gr. gray pyroxenite with gradational contact.						
31 - 36	Same as 25-29. Sulphides 1-2% disseminated phenocrysts (pyrrhotite, pent. and pyr.						
36 - 43	M.c. to c. gr. (med. brownish gray with greenish tint) pyroxenite. (2-3% phenocrystic sulphides,						
End of Hole - 43 ft pyr., pent.)							

PROPERTY Turnagain

HOLE NUMBER P.S.H. #11

SHEET NUMBER 1 of 3

DIAMOND DRILL RECORD

Logged by J. Novaczek

SECTION FROM 0 TO 17

LOCATION: LAT. 58 + 30' E) East
 DEP. 4 + 00' S) Grid (approx.)

STARTED Aug. 8, 1970

ELEVATION OF COLLAR 1,050' approx.

COMPLETED Aug. 9, 1970

DATUM _____

ULTIMATE DEPTH 50'

DIRECTION AT START: BEARING --
 DIP 90° Vert. hole

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Sample No.	Ni.		
0 - 2	C. gr. granular light greenish gray pyroxenite altered to highly rusted gossanic rock.	0	10	10'	14706	.02		
	Weathered phenocrysts of sulphide present	10	20	10'	14707	.02		
2 - 11	C. gr. light gray (with greenish tint) pyroxenite moderately fractured; highly fractured at 3-5; 7-8; 9-11.	20	25	5'	14708	.02		
	Section contains 0.5-1% sulphides as finely disseminated pyrrhotite, pyrite and pentlandite.	25	34	9'	14709	.02		
	Broken areas are rusted and have pyrite crystals.	34	45	11'	14710	.02		
		45	50	5'	14711	Tr.		
11 - 17	Med. coarse to coarse gr. greenish brown to greenish gray pyroxenite; moderately fractured cutting core from 30°-50°.							
	Contains 0.5-2% finely disseminated pyrrhotite, pyrite (is also phenocrystic).							
	Cut by 1' gossan band at 12' intersecting at approx. 23°.							
	Section is also cut by pegmatitic crystals of pyroxenitic material.							

PROPERTY Turnagain

HOLE NUMBER P.S.H. #11

SHEET NUMBER 2 of 3

DIAMOND DRILL RECORD

Logged by J. Novacek

SECTION FROM 17 TO 33

LOCATION: LAT. 58 + 30' E) East

DEP. 4 + 00 S) Grid

ELEVATION OF COLLAR 4,050' approx.

DATUM _____

DIRECTION AT START: BEARING --

DIP 90°

STARTED August 8, 1970

COMPLETED August 9, 1970

ULTIMATE DEPTH 50'

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE				
17 - 25	M.c. gr. med. greenish gray to brownish gray pyroxenite with phenocrysts of hornfelds. Moderately to highly fractured with fractures intersecting at 40-56°. Contains pyrrhotite, pyrite, and pentlandite as sulphides. < 1% from 17-20 (in greenish gray) 1-2% from 20-25 (in brownish gray)							
	At 25 contact with a v.c. gr. pyroxenite intersecting core at 41° is made.							
25 - 33	Very coarse gr. light gray to light greenish gray pyroxenite; highly fractured and sheared. Excessively fractured from 30-32; shears cut at approx. 42° ± 1; gradational contact at 33 with med. c. gr. pyrox. Sulphides approx. 0.5-1% disseminated.							

