

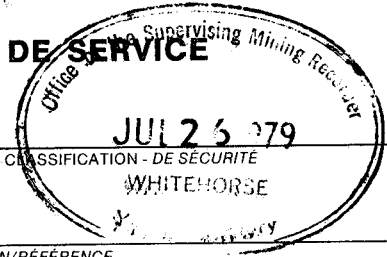


Government of Canada

Gouvernement du Canada

MEMORANDUM

NOTE DE SERVICE



CONFIDENTIAL

TO A → Supervising Mining Recorder

FROM DE Mining Recorder - Whitehorse

SECURITY - CLASSIFICATION - DE SÉCURITÉ WHITEHORSE
OUR FILE - N/RÉFÉRENCE 340-17-6
YOUR FILE - V/RÉFÉRENCE
DATE 25 July 1979

SUBJECT / OBJET Herewith your copy of Diamond Drill logs etc. submitted in support of assessment work.

105-K-1

Dupont of Canada Exploration Limited

T232
T230

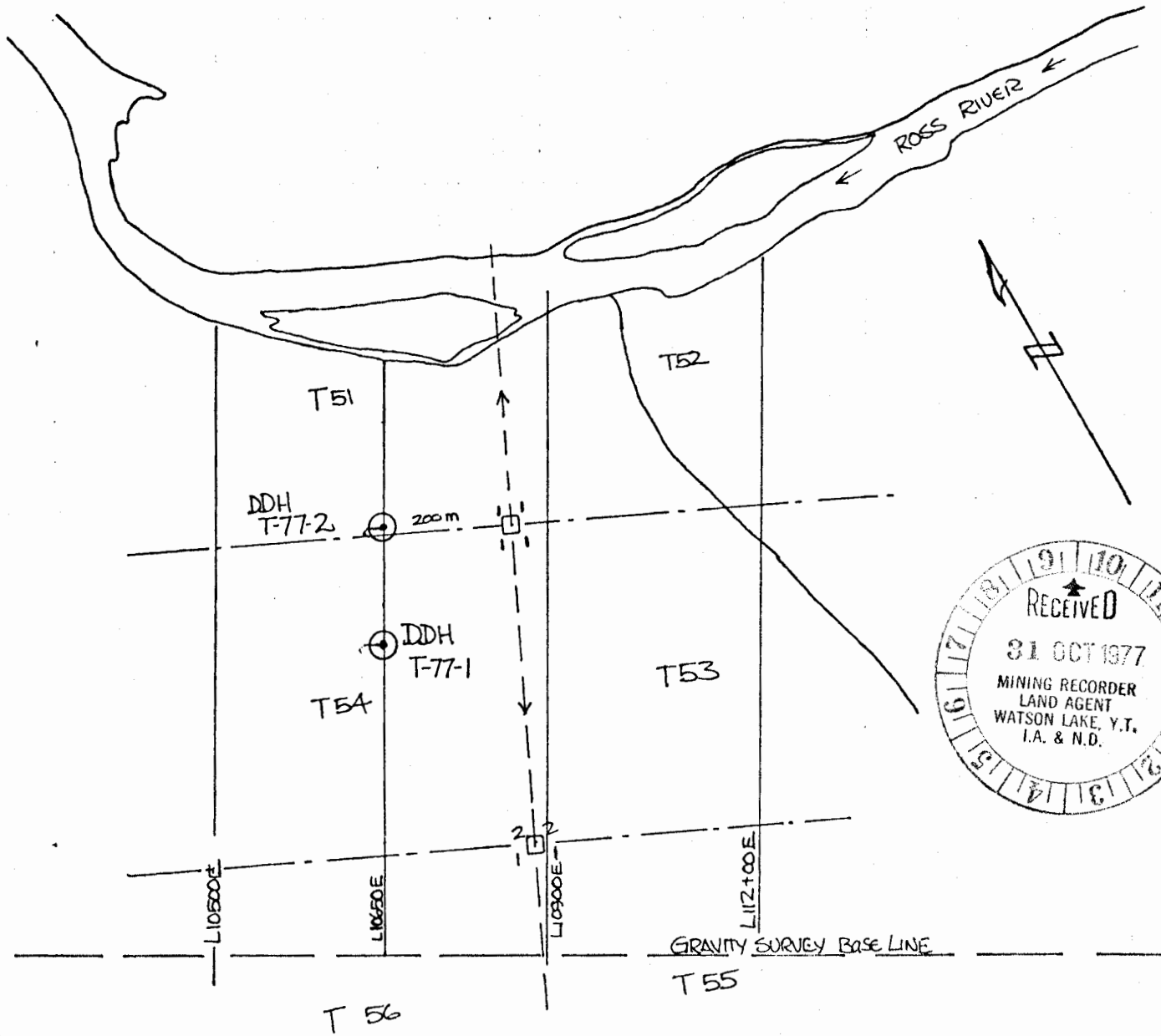
Certificates of Work and other data will be forwarded when completed.

B.E. Sias

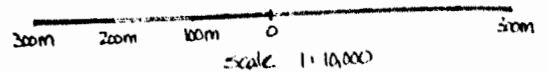
c.c. Geology Section
Attn: M. Marchand

091202

DD-122
091202



Du Pont of Canada Exploration
TENAS PROJECT
Location of Drill holes
October 1977 KTF:ACL



DIAMOND DRILL HOLE RECORD

DRILLED BY: Arctic Diamond Drilling Ltd. Runners: R.Gagne & J.Berry
 Helpers: N.Grimley & J.Bayer
 HOLE NUMBER: T 77-1 LENGTH: 227 m
 LOCATION: Claim T 54 DIP: 90°
 LATITUDE: 4+80N DEPARTURE: 10650E
 ELEVATION: 794.93 m AZIMUTH:
 HOLE STARTED: August 9/77 HOLE COMPLETED: August 13/77

ACID &/OR TRO - PARI TESTS

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
No tests					

SHEET No.1 OF: 10
 HOLE NUMBER: T 77-1
 PROPERTY: Tenas JV
 ACCOUNT No.: 326-04-16
 CORE SIZE: BQ
 % CORE RECOVERY: 100
 LOGGED BY: K.A. MacLean

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS							
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE									
							FROM	TO	WIDTH	RCVRY						
0.00	3.66	3.66		Overburden, fine sand, stickup 0.51 m												
3.66	5.03	1.37		Andesite, medium grn, f.g., foliated 75°, occasional small black specks, SG @ 3.7 = 3.0												
5.03	5.67	0.64		Carbonate shear zone @ low angles, 0-15°												
5.67	6.55	0.88		Andesite, common light buff fine mineral in foliation, 45°												
6.55	7.16	0.61		Andesite, m.g., medium green, vague fragmental shapes, occasional white carbonate stringers to 1 cm @ 30°. Fragments 1 cm across S.G. @ 7.0 = 2.9												
7.16	8.53	1.37		Breccia zone, rusty buff carbonate, occasionally vuggy & some vugs contain transparent quartz crystals S.G. @ 7.3 = 2.7												
8.53	8.87	0.34		Andesite, as at 6.55-7.16, with light alteration mineral												
8.87	9.42	0.55		Breccia zone, andesitic, angular fragments, cts @ 45°.												
9.47	9.45	0.3		Breccia zone, continued, angular fragments grey and white quartz in earthy, locally limonitized matrix.												
9.45	10.12	0.7		Breccia zone, fragments of intermediate comp sometimes show chloritic and epidote alteration, 5-10% py & po SG @ 9.8 = 2.8												
10.12	13.72	3.6		Andesite, medium purple-green and black, 1mm splotches alteration 60°, SG @ 13.1 = 2.7												

DIAMOND DRILL HOLE RECORD

 HOLE NUMBER: T 77-1

 SHEET NUMBER 5 OF 10

FOOTAGE				DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE				Cu	Pb	Zn	Au	Ag
							FROM	TO	WIDTH	RCVRY					
				thinly laminated po along some partings and in 1 cm light green tuff beds, 80°											
99.21	100.28	1.07		Fault zone, talcy gouge, contacts 40°											
100.28	106.68	6.40		Phyllite, black & green, thinly laminted, occasional 2 mm po band, 5% sulphides 78° @ 103.02, healed fine bx zone 12 cm wide @ 103.63, SG @ 100.6 = 2.7, 103.5 = 2.6											
106.68	107.53	0.85		Rhyolite? Slightly crackled, bleached brown to light green, minor ragged po part of matrix.											
107.53	108.33	0.80		Breccia, dark, dark black subrounded frags in dark brown matrix, some fine grained po at end of entry. SG @ 108.1 = 2.6											
108.33	112.81	4.48		Phyllite, alternating fine dark green and light green beds 1-2 mm wide, beds locally contorted and kinked, angles generally 70°, SG @ 109.7 = 3.0, 112.8 = 2.5											
112.81	113.23	0.42		Massive sulphide, 90% coarse galena, sphalerite and po with angular carb white frags and dark grey frags to 5 mm upper contact indistinct but appears conformable, lower contact graditional into ragged disseminations into contorted greenish matrix SG @ 113.0 = 3.8	3192	85	112.81	113.23	0.42	100%	0.08	6.15	5.95	<0.002	2.97
113.23	113.54	0.31		Phyllite, alternating fine dark green and light green beds 1-2 mm thick, moderately contorted, fracture fillings and occasional disseminated medium brown po with some galena and sphalerite, trace cp 35% sulphide	3193	35	113.23	113.54	0.21	100	0.04	0.58	0.48	<0.002	0.27
113.54	114.36	0.82		Phyllite, alternating green and dark grey thinly laminated, 75-80°, sharp conformable lower contact, 5-10% po.											

DIAMOND DRILL HOLE RECORD

 HOLE NUMBER: T 77-1

 SHEET NUMBER 6 OF 10

FOOTAGE				DESCRIPTION	SAMPLE						ASSAYS						
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE										
							FROM	TO	WIDTH	RCVRY							
114.36	115.95	1.59		Phyllite, argillaceous, slightly crackled, locally contorted especially at upper contact where bedding angles go 70°-0°-45°-70° in 0.3 m, minor disseminated po and small fracture fillings, 5% sulphide.													
115.95	115.98	0.03		Phyllite, green & grey, 2 cm light brown po patch at uct, 25%													
115.98	116.74	0.76		Phyllite, very thinly laminated green & dark grey, bedding locally contorted.													
116.94	119.12	2.38		Tuff, intermediate, green, soft, mg, vague foliation, L ct @ 70°, 2 cm white quartz, vein @ ct SG @ 117.7 = 2.7 @ 118.9 = 2.8													
119.12	119.76	0.64		Phyllite, argillaceous, black & soft, sly crackled, vague foliation													
119.76	120.73	0.97		Tuff, green, f-mg, medium green occasionally sly bleached, occ white quartz bands 2-4 cm, one at 120.2 has small ragged patches po which are weakly magnetic.													
120.73	121.89	1.16		Phyllite, argillaceous black, occasional 1-4 cm white quartz bands, sharp contact @ 70°													
121.89	125.12	3.22		Phyllite, dark grey, grn & light grey, irreg lamellae, occasional band with green tuff with pulled and stretched fragments SG @ 121.9 = 2.7, @ 125.0 = 2.6													
125.12	125.88	0.76		Phyllite, dark grey-black, occasional light beds to 2 mm, 10-15% fine po, beds occasionally displaced 1-3 mm along fine fractures occasional fine po in crosscutting fractures.													
125.88	127.10	1.22		Phyllite, black green & white, occasional 1-2 mm bands po & rare patches po 2 mm brittle sediment deformation along fractures to 1 mm													

DIAMOND DRILL HOLE RECORD

 HOLE NUMBER: T 77-1

 SHEET NUMBER 7 OF 10

FOOTAGE				DESCRIPTION	SAMPLE						ASSAYS						
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE										
							FROM	TO	WIDTH	RCVRY							
127.10	128.63	1.53		Phyllite, argillaceous, dark grey to black, occasional 1-2 mm white beds, occasional po bands to 2 mm, po also in white carb bands, SG @ 128.0 = 2.8													
128.63	130.15	1.52		Phyllite, argillaceous, dark grey to black, 6 l mm-5 mm po bands + fine disseminated po, slick partings, 65%													
130.15	131.98	1.83		Phyllite, argillaceous, thin folia, occasional tremolitic green patch, core broken and blocky, lost water circulation at 130.45 SG @ 131.1 = 2.4													
131.98	132.74	0.76		Phyllite, argillaceous, predominantly black, sheared and bx'd, occasional carbonate and quartz patches and veins, occasional fracture filling and fine disseminated angular pyrite, po, 15%. One 10 cm band green tuff with fg rounded 0.5 mm patches pyrite @ 131.43. Core broken and blocky.													
132.74	138.01	5.27		Phyllite, argillaceous, black with occasional light grey bed, several bands and small patches po, 15% sulphides, fine fract with 1 cm bleached aureole as @ 137.6. SG @ 134.1 = 2.9, 137.2 = 2.4													
138.01	139.60	1.59		Phyllite, argillaceous, numerous light grey and white beds, slight bleaching along occasional fractures, occasional fine grained po in 1 mm bands, also in 1 mm crosscutting fractures.													
139.60	143.26	3.66		Phyllite, cherty, black and light greenish white, 1-2 mm beds, 65° occasional fine po bands and crosscutting fracture fillings po 5%, SG 140.2 = 2.8													
143.26	150.25	6.99		Phyllite, argillaceous with occasional 1.5' cherty beds and occasional bleached zones along fractures. Kinked at 148.87,													

DIAMOND DRILL HOLE RECORD

 HOLE NUMBER: T 77-1

 SHEET NUMBER 8 OF 10

FOOTAGE				DESCRIPTION	SAMPLE				ASSAYS								
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE										
							FROM	TO	WIDTH	RCVRY							
				occasional po bands to 1 mm, SG @ 143.3 = 2.8, @ 146.3 = 2.8, 149.4 = 2.8													
150.25	171.08	20.83		Phyllite, cherty, black and white, occasional light green tuff and black argill. bands to 15 cm, occasionally bleached at fine fractures, angles generally 70°, 1 mm pyrite filled fracture along core @ 166.87, occasional small patch po as @ 157.33, 157.21, 160.02, SG @ 152.4 = 2.8, @ 155.5 = 2.8, @ 158.5 = 2.8 @ 161.5 = 2.8, @ 164.6 = 3.0, @ 167.6 = 2.6, @ 170.7 = 2.8													
171.08	171.97	0.89		Phyllite, argillaceous, numerous green tuff bands to 3 cm													
171.97	176.48	4.51		Phyllite, cherty, black and white, locally thinly laminated, 70° greyish bands to 2 mm are carbonate, SG 173.7 = 2.5													
176.48	179.83	3.35		Phyllite, cherty, mainly dark grey and light grey, occasional local numerous tuff bands, angles generally 70°, sheared @ 45° 178.55, SG 176.8 = 2.8													
179.83	181.66	1.83		Phyllite, argillaceous, dark grey to black, occasional grey cherty bands, 15 cm, graphite shear zone @ 590.4, occasional carb filled fractures crosscutting the bedding, occasional 1 mm band po, as @ 180.28, SG 179.8 = 2.7													
181.66	184.83	3.17		Phyllite, graphitic, highly schistose @ 45° in argillite, loc. strong graphitic shears to 6 cm, eg 182.41, 184.15, 184.83, occasional streaks po, bedding highly contorted disrupted and sheared. SG 182.9 = 2.8													
184.83	188.98	4.15		Phyllite, predominantly cherty, with some argillaceous bands, beds of varying thickness, occasional white carb beds, SG @ 182.9 = 2.8, @ 185.9 = 2.8													

DIAMOND DRILL HOLE RECORD

HOLE NUMBER: T 77-1

SHEET NUMBER 9 OF 10

FOOTAGE				DESCRIPTION	SAMPLE				ASSAYS								
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE										
							FROM	TO	WIDTH	RCVRY							
188.98	189.40	0.42		Quartz vein zone with disrupted green chloritic bands, crackled quartz, 10% po in fine fracture fillings, SG @ 189.0 = 2.8													
189.40	191.11	1.71		Phyllite, argillaceous, dark grey, uniformly thin-bedded and slightly contorted at 63°, occasional fine 0.01 mm pyrite beds, occasional 2 cm carb white bands.													
191.11	191.41	0.30		Shear zone, chlorite, quartz and carbonate, 20°													
191.41	199.03	7.62		Phyllite, cherty, grey and white beds and occasional dark grey argillaceous sections, occasion fg green tuff bed to 1 cm, angles generally 70°, SG @ 192.0 = 2.7, 195.0 = 2.4, 198.1 = 2.7													
199.03	200.38	1.35		Phyllite, argillaceous, occasional grey cherty beds and green tuff beds													
200.38	204.67	4.29		Tuff? Intermediate comp, mainly green chloritic schist with numerous bleached zones and irregular bedding colours, SG @ 201.2 = 2.9, 204.2 = 2.6													
204.67	206.20	1.53		Phyllite, argillitic, numerous light coloured feldspathic bands													
206.20	206.96	0.76		Sheared zone, quartz chlorite and white calcite, minor graphite, mainly argillite protolith													
206.96	208.18	1.22		Argillite, 6 white carbonate bands to 9 cm wide, occasional tuffaceous beds, some chloritic beds, occasional carbonate fracture fillings, SG 207.2 = 2.7													
208.18	209.70	1.52		Phyllite, tuffaceous with argillaceous bands and white-grey quartz-feldspar bands to 2 cm.													
209.70	212.90	3.20		Phyllite, tuffaceous, numerous green tuffaceous beds, 7-10 white quartz bands to 2 cm, occasional biotite rich bands, angles generally 70°, fold axis at 212.8, SG @ 210 = 2.7													

DIAMOND DRILL HOLE RECORD

 HOLE NUMBER: T 77-1

 SHEET NUMBER 10 OF 10

FOOTAGE				DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	FOOTAGE				Cu	Pb	Zn	
							FROM	TO	WIDTH	RCVRY				
212.90	215.50	2.60		Tuffite, intermediate, medium grey green, medium grained, foliated @ 45°, loc sheared & contorted, occasional white										
				20-50 cm quartz vein, SG 213.4 = 2.6										
215.50	219.15	3.65		Phyllite, argillaceous, black and dark grey bands and occasional										
				thinly bedded light coloured cherty material, SG @ 216.4 = 3.0										
219.15	219.52	0.37		Phyllite, tuffaceous and cherty, 75°, SG @ 219.5 = 2.5										
219.52	222.35	2.83		Metavolcanic? mg homogeneous medium brown, feldspathic appearance, vaguely foliated, minor disseminated po.	3194	5	219.5	220.97	1.52	100%	0.01	0.03	0.02	
					3195	5	220.97	222.35	1.37	100%	0.01	0.01	0.01	
222.35	224.03	1.68		Metavolcanic, as above except coarser grained, greenish, occ	3196	10-15	222.35	224.03	1.68	100%	0.03	0.01	0.01	
				feldspar rich band to 30 cm, 10-15% f-mg po and py										
224.03	225.86	1.83		Metavolcanic, as above but still more coarsely grained, occ po	3197		224.03	224.86	0.83	100%	0.01	0.01	0.01	
				concentration of disseminated grains, SG @ 225.5 = 2.5	3198		224.86	225.85	0.99	100%	0.02	0.01	0.01	
225.86	227.37	1.51	0	Lost core - core barrel did not lock, 151 m of core dropped back										
				down hole.										
227.37				Foot of hole.										
				Notes:										
				Material left in hole										
				12 x 2' BW Casing - BW Casing shoe										

K. M. ...

REACTION TO Ca AND K STAINING PROCEDURES

DDH T-77-1

<u>Depth</u> (metres)	<u>Specimen</u>	<u>Ca</u>	<u>K</u>	<u>Comments</u>
3.96	13	++	-	50% light minerals, weakly calcic.
7.01	23	+	+	20% weakly calcic, 10% weakly potassic.
7.31	24		++	2 largely potassic fractures in breccia.
9.75	32	+	+	30% weakly calcic and 10% weakly potassic, calcite matrix and fractures.
13.10	43	++	+	30% weakly calcic, calcic and magnesian fractures.
16.46	54	+	+	Altered, 20% calcic, fractures calcic and magnesian.
18.29	60	+	+	50% calcic matrix, potassic alteration strong.
21.34	70	+	-	Fine magnesian carbonate filled fractures.
24.34	80	+	-	Fine calcic and magnesian fractures, rare calcic bed.
24.35	80A	++	-	(short) strongly calcic fractures, 30% calcic minerals in beds.
27.43	90	+	-	Magnesian carbonate in light beds.
30.48	100	++	+	20% calcic beds, 10% potassic, rare potassic alteration in fractures.
33.53	110	++	+	20% calcic beds, 10% potassic, possibly alteration.
36.58	120	+	+	10% calcic mineral in selected beds, 10% potassic.
39.62	130	++	++	25% calcic beds, 10% potassic beds.
42.67	140	++	++	25% calcic beds, 15% strongly potassic beds.
42.69	140A	+++	+++	40% calcic beds, 40% potassic.

<u>Depth</u> (metres)	<u>Specimen</u>	<u>Ca</u>	<u>K</u>	<u>Comments</u>
45.71	150	++	+	40% thin calcic beds, 10% potassic in 2 mm beds.
51.80	170	++	+	25% 5 to 2 mm calcic beds, 10% potassic in rare beds.
57.9	190			Etched carbonate fractures, very pale calcic strain.
60.96	200	+	+	15% calcic beds, 10% potassic in occ. beds, etched weakly calcic beds.
64.01	210	+		15% calcic beds to 2 mm, magnesian 3 mm wide beds.
67.05	220	++	+	25% calcic 1 mm beds, weak potassic in occ. fractures, occ. magnesian fractures.
70.10	230	++		25% calcic beds, 0.25-1 mm.
73.10	240	++		50% weakly calcic, in foliation.
74.06	243	++		30% weakly calcic beds.
76.20	250	++		40% weakly calcic beds.
79.25	260	+++	++	30% weakly calcic beds, 20% potassic, magnesian cross fractures.
82.29	270	+++	++	30% weakly calcic beds, 20% potassic, 1 mm magnesian cross fractures.
85.34	280	++	-	20% weakly calcic beds, calcic cross fractures.
88.39	290	+++	-	30% weakly calcic indistinct beds.
91.44	300	+++	-	30% weakly calcic pervasive
93.27	306	+++	-	30% thin calcic beds.
94.49	310	+++	-	30% thin calcic beds.
97.23	319	+	-	10% thin calcic beds.
97.53	320	++	++	20% thin calcic beds, 10% potassic in many of same beds.
100.58	330	+	++	10% thin calcic beds, occ. calcic fracture fillings, 20% potassic beds.

<u>Depth</u> (metres)	<u>Specimen</u>	<u>Ca</u>	<u>K</u>	<u>Comments</u>
103.50	339.5	+	+	15% calcic in 5 mm beds, 10% potassic in same beds, and along .5 mm fract.
106.68	350	+++	++	25% calcic in 0.5 mm-1 mm beds, 15% potassic in 5 mm groups of 1 mm beds.
108.05	354.5	++	-	15% extremely fine beds in fragments, magnesian matrix, calcite 1 mm fract.
109.74	360	++	-	10% calcic 1 mm beds and fold crests, calcic and magnesian 1 mm fractures.
115.82	380	+	-	Calcic 2 mm fracture.
117.65	390	+	-	Calcic 1 mm fracture.
124.96	410	+	-	Calcic 1 mm cross fracture.
131.06	430	+	-	Calcic 0.25 and 1 mm fractures.
140.20	460	+	-	Very fine calcic fracture.
143.25	470	-	-	Irregular calcic patches
146.30	480	+	-	Irregular calcic patches in 4 mm fracture, with quartz.
149.34	490	++	-	25% calcic in a few beds to 1 mm, and in patches in a 2 cm bed.
152.40	500	+	-	10% calcic in two irregular beds which are etched.
155.44	510	++	-	30% calcic etched beds and very fine cross fractures in unetched bed.
158.49	520	+	-	Irregular calcite patch in middle of a patch of po.
161.54	530	+	-	10% in a 2 mm calcite rich bed.
164.59	540	+	-	Calcite rich bed group 1 cm wide, and with conformable fine po patches.
167.64	550	+++	-	30% calcite rich beds, etched and stained in 1 cm groups.

<u>Depth</u> (metres)	<u>Specimen</u>	<u>Ca</u>	<u>K</u>	<u>Comments</u>
170.68	560	+	-	10% calcite rich beds, fine cross fractures.
170.99	561	-	-	Volcanic section, no stain reaction.
173.73	570	+	-	Prominent etched and stained calcite rich 1 cm bed, smaller calcic beds.
176.78	580	+	-	1 mm etched and stained calcic beds.
176.79	580A	++	-	2 mm etched and stained calcic beds and numerous fine fractures.
179.83	590	+	-	Deeply etched 1 mm bed, relatively unstained.
179.84	590A	+++	-	30% occasionally etched and stained beds, fine stained cross fractures.
182.87	600	+	-	Calcite patches along jumbled foliation throughout.
185.92	610	+	-	2 mm calcic beds.
188.97	620	+	-	Weak calcic fractures.
192.02	630	++	-	Fine calcic beds and cross fracture fillings to 1 mm.
195.07	640	++	-	25% calcic beds to 2 mm, some are etched.
201.16	660	+	-	15% calcite rich 2 mm beds.
204.21	670	+	-	10% calcite rich fine beds.
207.25	680	+	-	1 mm fine calcite.
210.31	690	++	-	15% calcic beds, occ calcite in 0.5 mm cross fractures.
213.35	700	+	-	Mainly white quartz, 1 mm irreg. calcite patches.
216.40	710	++	-	Calcite fracture fillings.
219.45	720	+	-	Magnesian carbonate band with 15% calcite, fine calcite cross fractures

<u>Depth</u> (metres)	<u>Specimen</u>	<u>Ca</u>	<u>K</u>	<u>Comments</u>
222.50	730	+	-	Calcite in cross fractures.
225.55	740			20% weak calcic pervasive and in fine cross fractures.
225.85	746			20% weak calcic throughout and in fine cross fractures.

DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

Runners: J. Berry & N. Grimley
 DRILLED BY: Arctic Diamond Drilling Ltd. Helpers: H. Sask & J. Bayer
 DRILL TYPE: BBS-1 Hydraulic LENGTH: 227.37 m
 CLAIM: T 51 DIP: 90°
 LATITUDE: 6+55 m N DEPARTURE: 10650E
 ELEVATION: 757.33 m AZIMUTH:
 HOLE STARTED: August 16, 1977 HOLE COMPLETED: August 21, 1977

ACID &/OR TRO-PARI TESTS					
DEPTH	DIP	AZIMUTH	DEPTH	DIP	AZIMUTH

SHEET No. 1 OF: 7
 HOLE NUMBER: T-77-2
 PROPERTY: T Claims
 ACCOUNT No.: 326-04
 CORE SIZE: BQWL
 % CORE RECOVERY: 100
 LOGGED BY: K.A. MACLEAN

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)							
							FROM	TO	WIDTH	RCVRY				
0.0														
0.0	9.14	9.14												
0.0	13.4	13.4												
13.4														
13.4	19.66	6.26	100%											
19.66	21.34	1.68	100%											
21.34	29.63	8.29	100%											

DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

HOLE NUMBER: T-77-2

SHEET NUMBER 2 OF 7

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS										
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)												
							FROM	TO	WIDTH	RCVRY									
29.63	31.82	2.19	100%	SG @ 27.43 = 2.82 Phyllite, cherty 50 cm white quartz filled fracture @ 10-20° to core axis, bedding is juggled, slightly displaced and healed, SG @ 30.48 = 2.78.															
31.82	35.84	4.02	100%	Phyllite, about equal amounts of cherty feldspathic and argillite bands, SG @ 33.53 = 2.84															
35.84	37.67	1.83	100%	Phyllite, 75-80% white chert beds, 20% brown biotite rich beds a few 2 mm po beds, SG @ 36.58 = 2.80															
37.67	45.26	7.59	100%	Phyllite, argillaceous, occ 3 mm white & grey bands, 68° occ crosscutting fractures with 1 mm po strs as @ 44.28, SG @ 39.62 = 2.90, @ 42.67 = 2.72															
45.26	46.69	1.43	100%	Phyllite, fine brown biotite in the beds in this interval, SG @ 45.72 = 2.82															
46.69	49.53	2.84	100%	Phyllite, cherty, minor argillite and biotite rich beds, loc numerous carbonate rich bands, SG @ 48.76 = 2.85															
49.53	52.91	3.38	100%	Phyllite, cherty, light grey, occ thin dark argillaceous beds, occ 2 mm po strs as @ 51.72, 53.24, SG @ 48.76 = 2.85															
52.91	53.80	0.89	100%	Dyke, volcanic, med olive green, fg, occ 2 mm dark phenos, upper ct @ 30°, 90° to bedding, lower ct irregular with xenoliths cherty phyllite, SG @ 53.03 = 2.73															
53.80	55.32	1.52	100%	Phyllite, very thinly laminated alternating black and light grey carbonate rich bands, 70° SG @ 54.86 = 2.85															
55.32	58.15	2.83	100%	Phyllite, argillaceous, 70°; SG @ 57.91 = 2.74															

DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

HOLE NUMBER: T-77-2

SHEET NUMBER 3 OF 7

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS										
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)												
							FROM	TO	WIDTH	RCVRY									
58.15	59.83	1.68	100%	Sheared zone, white quartz filling, contact @ 58°															
59.83	61.32	1.49	100%	Phyllite, cherty very thinly laminated SG @ 60.96 = 2.86															
61.32	64.3	2.98	100%	Phyllite, argillaceous, calcareous irreg bed widths, some bleached beds, SG @ 64.01 = 2.80															
64.3	66.75	2.45	100%	Phyllite, black and light grey about equal, 70°															
66.75	92.66	25.91	100%	Phyllite, calcareous mainly thin bedded, cherty, mainly light grey, SG @ 67.05 = 2.82, 70.1 = 2.84, 73.15 = 2.81, 76.20 = 2.85, 79.25 = 2.83, 82.29 = 2.85, 85.34 = 2.87, 88.39 = 2.83, 91.44 = 2.90 and 2.82															
92.66	100.88	8.22	100%	Phyllite, argillaceous, biotitic 95.40-96.92, occ 2 mm po bed as @ 96.6, SG @ 94.48 = 2.82, 97.53 = 2.80, 100.58 = 2.79															
100.88	102.56	1.68	100%	Phyllite, graphitic, locally contorted, very thin bedded, 77° SG @ 101.34 = 2.71															
102.56	105.76	3.2	100%	Phyllite, argillaceous, occ light grey bands, fine dissem sulps along foliation, 10%, SG @ 103.62 = 2.75															
105.76	109.72	3.96	100%	Phyllite 2/3 light coloured beds, remainder argillaceous, SG @ 106.68 = 2.85, 109.72 = 2.81															
109.72	113.38	3.66	100%	Phyllite, 50% argillaceous, occ green epidote rich beds, SG @ 112.77 = 2.81															
113.38	114.14	0.76	100%	White carbonate vein crosscutting @ 20°, xenoliths phyllite @ lower contact 1-2 cm dia, offshoots of vein for next 60 cm															
114.14	114.54	0.40	100%	Phyllite, bedding locally displaced along calcite veinlets															
114.54	118.53	3.99	100%	Intrusive gabbro porphyry, massive, fine grained green ground-mass with white carb (pos.HCl test) and dark porphyroblasts															

STAINING REACTIONS AND SPECIFIC GRAVITY OF SPECIMENS

DDH T-77-2

Depth (Metres)	Specimen	Ca	K	Comments
12.65	41.5	+++	+	Ca strong, numerous thin contorted lamellae; K in 2 fine lamellae.
15.24	50	+	+	Ca light pink in broad beds, K strong in a few fine beds, strongly etched dolomitic beds.
18.29	60	+++	+	Ca strong in 35% of thin beds, K strong in 5% and in fine cross fractures.
21.33	70	+++	+	Ca strong in 40% of thin beds, K strong in 2 beds as fine disseminations.
24.38	80	+++	++	Ca strong in 30%, K strong in occasional fine beds 10%, strong etching of dolomitic beds.
27.43	90	+++	++	Ca strong in 35%, K in 10%, one 1 mm etched portion of a bed.
30.48	100	+	-	Ca medium in 30% of beds and in several cross fractures, No K.
33.53	110	+++	++	Thin alternating Ca and Na rich beds.
36.58	120	++	+	Ca strong in 25% of beds, K in 5%, 2 etched dolomitic beds to 2 mm.
39.62	130	++++	+	Ca very strong in thick beds, 80%, 2% K, etched dolomitic and calcitic 5 mm bed.
42.67	140	NS		
45.72	150	++	++	Ca strong in 25% of beds, K moderate in occasional beds, 15%, 2 etched beds and 1 crystal dolomite.
48.76	160	NS		
53.03	174	-	+	Pale K in matrix of fragmental section.
54.86	180	++	+++	Strong Ca in thin beds, 30% alternating with strong K 50%.
57.91	190	+	-	Weak Ca, 10%, Strongly etched but not stained beds, 35%.
60.96	200	+++	+++	Alternating strongly stained thin K and Ca beds, Ca strong in cross fractures.

Depth (Metres)	Specimen	Ca	K	Comments
64.01	210	+	-	Weak Ca, 2 deeply etched 3 mm beds.
67.05	220	+	++	Occasional strong Ca and K beds, 25% deeply etched dolomitic beds.
70.10	230	+++	++	Ca strong in 40% of thin beds, K strong in 20%.
76.20	250	+++	+++	Alternating Ca and K rich beds.
79.25	260	++	+	Ca moderate in broad beds, strong in thin beds, K strong in few occasional etched beds.
82.29	270	++	++	Ca strong in thin beds, K moderate in alterations, occasional etched 5 mm groups.
85.34	280	+++	++	Thin alternating beds, none etched.
88.39	290	++	+++	Thin alternating beds, one irregular 2 mm etched.
91.44	300A	++	++	Alternating Ca and K thin beds, etched 5 mm groups.
91.44	300	++	++	Ca moderate in groups, K moderate in groups, 1 cm groups etched.
94.48	310	+++	++	Ca strong to moderate in numerous thin beds, K same, occasional 2 mm groups etched.
97.53	320	++	+	Groups of Ca and K rich beds.
101.53	332.5	+	-	Argillaceous, pale Ca, rare etched sections.
100.58	330	++	++	Ca strong in occasional fine beds, K strong in a 1 cm group, one 2 mm etched beds.
103.62	340	++	-	Ca strong in occasional fine beds, argillaceous.
106.68	350	++	++	Ca strong in 1-1.5 cm groups, K more prominent in 1-1.5 cm lighter bands.
109.72	360	++	+	Ca strong in thin beds throughout, K in occasional fine beds, etched groups to 5 mm.
112.77	370	+	-	Ca in rare bed, etched disseminations in 5 mm group.
115.82	380	-	+	Weak K in matrix of fragmental.

Depth (Metres)	Specimen	Ca	K	Comments
116.42	382	-	+	Weak K in matrix of fragmental.
118.87	390	+++	+	Moderate Ca in fine beds, weak K in occasional beds, etching of irregular cross fracture.
121.92	400	+	-	Pale Ca throughout volcanic.
124.96	410	NS		
127.77	419.2	+++	++	Groups of strong Ca beds and finer K beds.
130.08	426.8	++	-	Moderate Ca in irregular beds.
130.75	429	+++	+	Strong Ca in thin beds throughout, occasional weak K, strong etched 4 mm groups.
133.50	438			
134.11	440	+	+	Pale Ca and K in matrix, etched pits throughout fragmental, some have Ca.
137.16	450	+++	+	Strong thick irregular beds Ca, rare weak fine K.
137.16	450	++	-	Ca in fine and broad irregular beds.
140.2	460	++	+	Ca in irregular beds, very weak K in dark section, strongly etched carbonate, no stain.
143.25	470	+++	-	Strong Ca stain in thin irregular beds.
146.30	480	+	-	Weak Ca stain in irregular sections "paisley".
149.35	490	+	-	Weak Ca stain, deeply etched irregular pits and patches.
152.40	500	+	-	Weak Ca stain throughout.
149.6	490.9	+	-	Weak to moderate Ca stain throughout.
155.4	510	+	-	Weak Ca stain throughout.
158.5	520	+	-	Very weak Ca stain throughout.
161.53	530	++	-	Weak general Ca stain, some distinct stronger stained beds.
164.58	540	+	-	Weak disjointed Ca staining along foliation.
167.63	550	+	-	Similar to 540, weak selective Ca stain.

Depth (Metres)	Specimen	Ca	K	Comments
170.99	561	+	-	Volcanic, weak pervasive Ca stain of selected grains.
173.73	570.5	++	-	Strong Ca stain in narrow beds, 25%, one strongly etched carbonate vein.
176.78	580	++	-	Selective Ca stain, certain 2-4 mm beds.
179.83	590	++	-	Weak Ca stain, 25% of beds.
182.87	600	+++	-	Strong Ca stain on certain partially etched beds, some 4 mm beds etched out but not stained.
185.92	610A	++	-	Selected beds Ca stained & borders of one tuffaceous bed, one 5 mm strongly etched bed.
185.92	610	++	-	Borders of light coloured beds, strongly Ca stained.
186.83	613	++	-	Selected thin beds and wide patchy beds strongly Ca stained.
188.97	620	+++	-	Strong Ca stain on 40% of the beds.
192.01	630	+++	+	Strong Ca staining of thin beds, weak K stain in alternating beds of some groups.
195.07	640	+++	-	Strong in calcite rich beds which are etched and which contain unstained carbonate.
198.11	650	+++	-	Strong Ca stain in thin beds.
210.16	660	+	-	Weak Ca stain of light elements.
204.20	670	+	-	Weak Ca stain in parts of certain beds.
205.89	675.5	-	-	No staining.
207.26	680	++	-	Weak pervasive Ca staining.
210.31	690	-	-	No staining.
210.9	692	+	-	Strongly etched and deeply Ca stained beds 10%.
211.89	695.2	+	-	Very weak Ca stain on selected minerals.
213.35	700	++	-	Strong Ca stain on several beds (25%) some of them are slightly etched.
216.40	710	++	-	Strong Ca stain on thin beds, 25%, eroded unstained white parts.

<u>Depth</u> <u>(Metres)</u>	<u>Specimen</u>	<u>Ca</u>	<u>K</u>	<u>Comments</u>
219.45	720	+	-	Ragged Ca stained patches also etched, hard dolomitic patches unstained.
222.19	729	++	-	Ragged 2 mm Ca stained beds.
225.5	740	+	-	Calcite fractures, strongly stained.
227.37	746	+	-	One 2 cm band where beds Ca stained.

DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

Leo & Glen Shaw, P. Wolenowski

DRILLED BY: J. T. Thomas Diamond Drilling Ltd. - Emile Desrochers, Dave Peters
 DRILL TYPE: Longyear Super 38 LENGTH: 178.3
 CLAIM: T 232 YA 8359 DIP: 90°
 LATITUDE: 2700 W DEPARTURE: 450 S
 ELEVATION: 738.55 AZIMUTH: -
 HOLE STARTED: 1979 03 N HOLE COMPLETED: 1979 03 16

ACID &/OR TRO - PARI TESTS

DEPTH	DIP	AZIMUTH	DEPTH	DIP	AZIMUTH

SHEET No.1 OF: 3
 HOLE NUMBER: T-79-4
 PROPERTY: Bar Anomaly Tenas JV
 ACCOUNT No.: 326-04-16
 CORE SIZE: BQWL
 % CORE RECOVERY:
 LOGGED BY: L.K. Eccles

INTERVAL (METRES)				DESCRIPTION	SAMPLE						ASSAYS			
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)							
							FROM	TO	WIDTH	RCVRY				
0.00	26.02	26.02		BW casing Boulders and sand										
26.02	55.80	29.78		5D Grey banded phyllite, well dev fract cleavage, lamellae are white and non calcareous, ore small amplitude folds, rock is all very broken up and crumbly, graphite content to 10% locally, talcose fract surfs diss py throughout, several mm thick laminations, occ crumbly white gv's as @ 26.5, 26.7, 36.41, 36.97, 37.6, 38.5, 39.65 SG 26.13=2.82, 28.13=3.11(?) 31.2=2.90, 33.2=2.97, 35.7=2.83, 37.5=2.83, 41.5=2.81, 45.5=2.77, 47.5=2.91, 50.0=2.97, 54.2=2.94. \bar{x} =2.90±0.10 Fault gauge 0.2 @ 26.93 chloritic, 0.1 @ 33.69, foliation gen 30-35°										
55.80	56.4	0.6		5C fg andesite dyke, phyllite appears altered for 20 cm above, vague fol 40°, ore wh qv parallel to fol										
56.4	62.5	6.1		5D Grey phyllite, Sg 58.2=2.83, 60.2=2.92, 62.2=2.88										
62.50	63.05	0.55		5C Andesite dyke, fg										
63.05	82.03	18.98		5D Grey phyllite, Qvs to 0.15 m @ 59.56, 71.04, 71.56, 75.3, fol 40° @ 77.3 fault gauge (talcose) @ 81.93										



DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

Glen Shaw, Paul Wolnowski

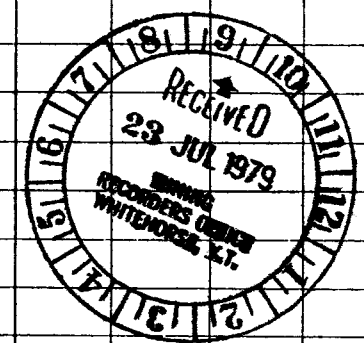
DRILLED BY: J. T. Thomas Diamond Drilling Ltd. -Emile Desrocher, Dave Peters
 DRILL TYPE: Longyear Super 38 LENGTH: 302.24
 CLAIM: T 230 YA 8357 DIP: 90°
 LATITUDE: 2 300 W DEPARTURE: 600S
 ELEVATION: 739.41 AZIMUTH: -
 HOLE STARTED: 1979 03 17 HOLE COMPLETED: 1979 03 21

ACID &/OR TRO-PARI TESTS					
DEPTH	DIP	AZIMUTH	DEPTH	DIP	AZIMUTH

SHEET No.1 OF: 4
 HOLE NUMBER: T-79-5
 PROPERTY: Tenas Joint Venture
 ACCOUNT No.: 326-04-16
 CORE SIZE: BQWL
 % CORE RECOVERY:
 LOGGED BY: Louise K. Eccles

Bar Anomaly

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)							
							FROM	TO	WIDTH	RCVRY				
0.0	28.65	28.65		Overburden, BW casing reamed down to 54.86 behind tricone										
28.65	52.60	23.95		5C Metavolcanics, green chloritic mottled, white carbonate veins & blebs; some epidote, minor foliation 42°, core has massive appearance some fg diss py, fine to med grained, fault gauge sections to 0.1 m 38.2, 36.79, 47.95, 49.80; SG 29.5=2.81, 31.5=2.75, 35.5=2.76, 37.5=2.78, 39.3=2.77 41.4=2.99, 43.6=2.80, 45.8=2.81, 47.9=2.79, 50.2=2.67; $\bar{X}=2.79 \pm 0.08$										
52.60	54.38	1.78		Fault zone, mucky crumbly, light grey green, locally talcose, white qv 0.17 m end entry										
54.38	57.78	3.40		5D Phyllite (?) rock is light grey green with faint evidence of phyllic bnds and sed textures, vague contact zone white carb & qk carb veins up to 2 cm run parallel to foliation, talcy SG 54.8=2.77, 56.8=2.76										
57.78	58.08	0.30		Fault gouge, talcose mucky										
58.08	70.38	12.30		5D Phyllite, banded grey green, fol almost 0° and parallel to banding loc faulted and talcose, colour influenced by										



DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

HOLE NUMBER: T-79-5

SHEET NUMBER 2 OF 4

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)								
							FROM	TO	WIDTH	RCVRY					
70.38	77.64	7.26		5D											
77.64	77.80	0.16													
77.80	80.68	2.88		5D											
80.68	82.65	1.97													
82.65	89.56	6.91		5D											
89.56	93.59	4.03		5C											
93.59	96.65	3.06													
96.65	153.36	56.71		5D											

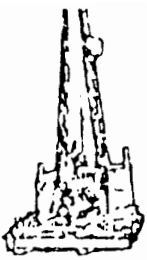
DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

 HOLE NUMBER: T-79-5

 SHEET NUMBER 4 OF 4

INTERVAL (METRES)				DESCRIPTION	SAMPLE				ASSAYS									
FROM	TO	WIDTH	RCVRY		NUMBER	% SULFIDES	INTERVAL (METRES)											
							FROM	TO	WIDTH	RCVRY								
				veins to 0.03 m 245.7, 246.26, 246.42, 247.06; 250.9, 251.03														
				251.35, 251.8, 252.76; SG 229.7=2.73, 233.8-2.74, 235.8=2.76														
				237.8=2.70, 239.8=2.63, 241.8=2.73, 243.8=2.60, 245.8=2.68,														
				247.8=2.72, 249.8=2.68, ^{251.98=2.68} 253.98=2.76, 255.98=2.64, 257.98=														
				2.71, 259.98=2.55, 261.98=2.67, 263.98=2.64; $\bar{X}=2.68+0.06$,														
				n=17														
265.33	269.30	3.97		5C Metavolc, lt grn, mottled, carb veins & veinlets, looks														
				massive, some chlorite, adjacent phyllites look altered for														
				30 cm - greenish colour SG 265.98=2.71, 267.9=2.69														
269.30	302.74	33.74		5D Phyllite, grey green, fol 60°, as @ 226.38, SG 269.9=2.71,														
				271.9=2.68, 273.9=2.66, 275.9=2.64, 277.9=2.74, 280.2=2.64,														
				282.6=2.70, 284.7=2.63, 286.6=2.71, 289.9=2.65, 291.76=2.57														
				295.0=2.77, 297.86=2.67, 299.86=2.67, 301.86=2.74,														
				$\bar{X}2.68+0.05$, n=15. Faults to 0.10-277.34, 282.1, 284.43,														
				293.06, 296.34, 297.76; Carb veins 273.35, 280.7, 282.1,														
				284.4, 288.61														
	302.74			Foot of hole														
				Notes:														
				Casing very tight coming out														
				Stuck rods near foot used mud 122=156 in broken ground														
				Triconed 33-55 and placed casing to that depth														



J. T. THOMAS
DIAMOND DRILLING LTD.

SMITHERS, B.C.

PH. 847-3531
P.O. BOX 394
VOJ 2N0

To: Du Pont of Canada Exploration Limited
Suite 102, 1550 Alberni Street
VANCOUVER, B.C. V6G 1A5

Attn: Sandy McLean.

Invoice No. 79-5
Property Ross River
Invoice Date April 11, 1979

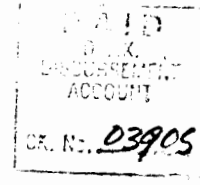
This invoice is for diamond drilling and other services on the above property per contract.

Hole No.	Date From To	Overburden From To	Coring From To	Total Footage	Rate	Amount
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SEE ATTACHED PAGE 1. \$ 79,215.20 ✓

Mobilization:
Demobilization:
Moving Costs:
Mud Costs:
Cementing Costs:
Tractor Rental:
Core Box:
Testing Hole:
Casing and Shoes left in Hole:
Camp Provision:
Downtime:
Fly Time:

) MATERIAL USED, LOST OR DAMAGED; REAMING;
) DRILL MUD AND ADDITIVES.
) See attached pages 2 and 3. 3,318.40



APR 20 1979
[Signature]

DATE	APR 17 1979
CHARGE	326 08-16 13,285.76 326 04-16 70,872.00
APPROVED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>

MAL Claims
T Claims

Other: MAN HOURS SPENT ON WATER LINE - See Page 4. 1,624.70

Invoice Total: \$ 84,158.30 ✓

The above calculations are agreed to by:

K Maclean

Company Representative

Jim Thomas

J.T. Thomas Diamond Drilling Ltd

DDH T-79-51. Drilling - 1979 03 17/22 - J.T. Thomas Diamond Drilling Ltd. (T-79-5)

Overburden	0 - 50'	=	50 x 17.80	\$	890.00
	50 - 94'	=	44 x 18.80		827.20
Core drilling	94 - 500'	=	406 x 17.80		7 226.80
	500 - 993'	=	493 x 18.80		<u>9 268.40</u>
				\$	18 212.40

Materials used:

March 18, 1979	6	50 lbs Quik Gel	\$	49.50
March 18, 1979	10	2 lbs Quik Trol		81.00
March 18, 1979	1	5 gal. Poly Drill		136.35
March 18, 1979	1	3-7/8" Tri Cone		132.00
March 18, 1979	1	BW Casing Shoe		79.00
March 19, 1979	1	5 Gal. Poly Drill		136.35
March 19, 1979	1	½ of 40% of BQ Bit		60.00
March 19, 1979	6	50 lbs Quik Gel		49.50
March 19, 1979	10	2 lb Quik Trol		81.00
March 19, 1979	1	45 gal. Soluble oil		167.40
March 21, 1979	3	BQ Rods		<u>168.00</u>
			\$	1 140.10

2. Helicopter support - Terr Air Rotary Ltd.

March 17	Crew change, move drill	\$	1 233.75	Flight Slip	5506
March 18	Crew change, supply drill		528.75	" "	5508
March 19	Crew change, supply drill		599.25	" "	5509
March 20	Crew change, supply drill		634.50	" "	5536
March 21	Crew change, supply drill		<u>1 068.75</u>	" "	5537
		\$	<u>4 065.00</u>		

TOTAL DDH T-79-5

\$ 23 417.50Total assessment work to be applied:

<u>Claim</u>	<u>Hole</u>	<u>No. of Claims</u>	<u>Amount</u>	<u>Unused Balance</u>
T-232	T-79-4	29	\$ 8 700.00 ✓	\$ 4 287.45
T-230	T-79-5	<u>55</u>	17 100.00	<u>6 317.50</u>
		84		\$ 10 604.95

**EXPLORATION**

DuPont of Canada Exploration Limited
 La Société d'Exploration DuPont du Canada
 MONTREAL, QUEBEC, CANADA

03905

THE ROYAL BANK OF CANADA
 LA BANQUE ROYALE DU CANADA
 MONTREAL, QUEBEC

PAY
 PAYEZ

DATE	MONTANT	AMOUNT
Apr. 20/79	\$118,127.20	\$118,127.20

DuPont of Canada Exploration Limited

TO
 THE
 ORDER
 OF

J. T. Thomas Diamond Drilling Ltd.
 P.O. Box 394, Smithers, BC
 VOJ 2N0

À
 L'ORDRE
 DE

NOT NEGOTIABLE

DuPont of Canada Exploration Limited
 La Société d'Exploration DuPont du Canada Limitée

DETACH STATEMENT BEFORE DEPOSITING - VEUILLEZ DÉTACHER AVANT DE DÉPOSER

DATE	YOUR REFERENCE VOTRE RÉFÉRENCE	DETAILS	GROSS AMOUNT MONTANT BRUT	DISCOUNT ESCOMPTE	NET AMOUNT MONTANT NET
Apr. 20/79	79-6 79-5	Per your invoice "	34,468.90 84,158/30 8		
		Less: Insurance as per Terr Air Inv. No. 5549 (copy attached)	(\$500.00)		\$118,127.20

03905



DIAMOND DRILLING:

Hole No.	Date	Overburden		Coring		Total Footage	Rate	Amount
		From	To	From	To			
79-T-1	MAL March 10-11	0	30	30	347	347 ✓	\$ 17.80	\$ 6,176.60 ✓
79-T-2	MAL March 11-13	1	10	10	362	362 ✓	17.80	6,443.60 ✓
79-T-4	March 14-17	0	50			50	17.80	890.00 ✓
		50	85			35	18.80	658.00 ✓
				85	500	415	17.80	7,387.00 ✓
				500	585 ✓	85	18.80	1,598.00 ✓
79-T-5	March 17-22	0	50			50	17.80	890.00 ✓
		50	94			44	18.80	827.20 ✓
				94	500	406	17.80	7,226.80 ✓
				500	993	493	18.80	9,268.40 ✓
79-T-3	March 22-25	0	35 ✓			35	17.80	623.00 ✓
				35	500	465	17.80	8,277.00 ✓
				500	986 ✓	486	18.80	9,136.80 ✓
79-T-6	March 25	Deepen.		746	1,000	254	18.80	4,775.20 ✓
				1,000	1,500	500	19.80	9,900.00 ✓
				1,500	1,747 ✓	247	20.80	5,137.60 ✓
								4274

MAL

79-T-1 6,176.60

2 6,443.60

167.40

160.00

56.00

1/2 of { 124.20 }
 { 440.00 } 282.10

\$ 13,567.80

13,285.70

709 feet

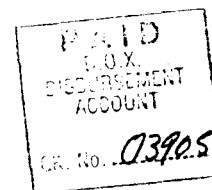
PAID
 D.O.X.
 DISBURSEMENT
 ACCOUNT
 CK. No. 03905

APR 20 1979

YK

MATERIAL USED, LOST OR DAMAGED; REAMING; DRILL MUD AND ADDITIVES:

<u>Date</u>	<u>Quantity</u>	<u>Item</u>	<u>Cost</u>	
March 11, 1979	1	45 Gal. soluble oil	\$ 167.40	MAL
March 11, 1979	1	½ of 40% of BQ Bit	160.00	MAL
March 12, 1979	1	BQ Rod	56.00	MAL
March 14, 1979	1	½ of 50% of BQ Bit	75.00	
March 14, 1979	1	½ BW Casing shoe	79.00	
March 14, 1979	1	5 Gal. poly drill mud	136.35	
March 14, 1979	10	2 lb. Quik Trol	81.00	
March 15, 1979	1	50% of BQ Bit	75.00	
March 15, 1979	1	20% of Core Barrel	n/c	
March 16, 1979	1	½ of 40% of BQ Bit	60.00	
March 16, 1979	2	BQ Rods	112.00	
March 16, 1979	6	50 lbs. Quik Gel	49.50	
March 16, 1979	1	5 gal. Poly Drill	136.35	
March 16, 1979	1	½ complete BQ Bit	150.00	
March 16, 1979	1	½ complete BQ shell	125.00	
March 18, 1979	6	50 lbs. Quik Gel	49.50	
March 18, 1979	10	2 lbs. Quik Trol	81.00	
March 18, 1979	1	5 gal. Poly Drill	136.35	
March 18, 1979	1	3-7/8" Tri Cone	132.00	
March 18, 1979	1	BW Casing Shoe	79.00	
March 19, 1979	1	5 gal. Poly Drill	136.35	
March 19, 1979	1	½ of 40% of BQ Bit	60.00	
March 19, 1979	6	50 lbs. Quik Gel	49.50	
March 19, 1979	10	2 lb. Quik Trol	81.00	
Sub-Total			<u>2,267.30</u>	✓

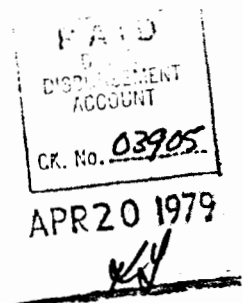


APR 20 1979

MATERIAL USED, etc. - Cont'd.

			Balance Forward	\$ 2,267.30
March 19, 1979	1	45 gal. Soluble oil		167.40
March 21, 1979	3	BQ Rods		168.00
March 22, 1979	2	50 lb. Quik Gel		16.50
March 23, 1979	1	45 gal. Soluble Oil		167.40
March 24, 1979	10	2 lb. Quik Trol		81.00
March 26, 1979	1	½ of 40% of BQ Bit		60.00
March 27, 1979	1	BQ Rod		56.00
March 29, 1979	1	45 gal. Soluble Oil		167.40
March 30, 1979	1	45 gal. Soluble Oil		<u>167.40</u>
				<u>\$ 3,318.40</u> ✓

NOTE: Contractor has absorbed one-half the charge for diamonds in reaming, stablizing or lost. BQ Bit cost after a very good recovery - \$300.00.



MAN HOURS SPENT WORKING ON WATER LINES (In Excess of 2,000 feet):

<u>Date</u>	<u>Hole No.</u>	<u>Man Hours</u>	<u>Fuel</u>
March 12-13, 1979	79T2	(22)	3-45 Gal. MAL
March 14-17, 1979	79T4	39	5-45 Gal. T
March 17-22, 1979	79T5	12	5-45 Gal. T
March 22-25, 1979	79T3	8	3-45 Gal. T
March 25-30, 1979	79T6	38	5-45 Gal. T

$\frac{1}{2}$ of 119[✓] man hours @ \$20.00 per hour \$ 1,190.00[✓]

$\frac{1}{2}$ of 945[✓] gals. @ 92¢ per gallon. \$ 434.70[✓]

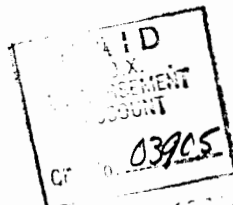
\$ 1,624.70[✓]

NOTE: Contractor has absorbed $\frac{1}{2}$ the cost of maintaining the waterlines in excess of 2,000 feet.

MAL 22 mh @ 20.00 = 440.00

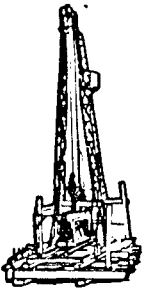
135 gal @ 92.00 = 124.20

$\frac{1}{2}$ = 282.10



APR 26 1979

Handwritten signature



J. T. THOMAS
DIAMOND DRILLING LTD.
—
SMITHERS, B.C.

APR 17 1979

PH. 847-3531
P.O. BOX 394
VOJ 2N0

April 11, 1979.

Du Pont of Canada Exploration Limited
Suite 102, 1550 Alberni Street
Vancouver, B.C.
V6G 1A5

Attn: Sandy McLean:

Dear Mr. McLean:

Enclosed herewith are two copies of our invoice covering diamond drilling on your Ross River Property to March 30, 1979. We trust that the charges, as explained on the attached sheets, meet with your approval.

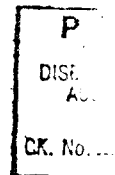
We would like to point out that although Clause 5 of the contract makes provision for excess footage in the waterline requirements, we have absorbed one-half the cost of the man hours and fuel expended to maintain the water line. Also, in the case of diamonds lost, we have again undertaken to absorb one-half the cost of the diamond bits.

We hope that the job is up to standard and if you have any questions pertaining to the attached invoice or the job, please let us know and we will look into them for you.

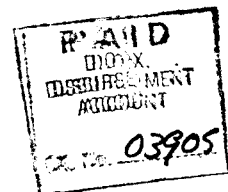
Yours truly,

J. Thomas

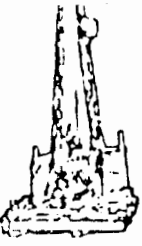
JT/ms
Encs.



APR 20 1979



APR 20 1979



J. T. THOMAS
DIAMOND DRILLING LTD.
 SMITHERS, B.C.

PH. 847-3531
 P.O. BOX 394
 VOJ 2N0

To: Du Pont of Canada Exploration Limited
 102-1550 Alberni Street
 Vancouver, B.C.
 V6G 1A5

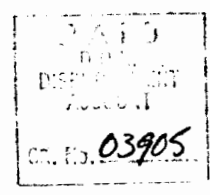
Invoice No. 79-6
 Property Ross River
 Invoice Date April 12, 1979.

This invoice is for diamond drilling and other services on the above property per contract.

Hole No.	Date		Overburden		Coring		Total Footage	Rate	Amount
	From	To	From	To	From	To			
79-T-7	Apr. 1	- 4	0	30			30	17.80	534.00 ✓
					30	500	470	17.80	8,366.00 ✓
					500	833	333	18.80	6,260.40 ✓
79-T-8	Apr.	5	0	10			10	17.80	178.00 ✓
					10	500	490	17.80	8,722.00 ✓
					500	966	466	18.80	8,760.80 ✓
								<u>1733</u>	<u>32,821.20 ✓</u>

Mobilization:
 Demobilization:
 Moving Costs:
 Mud Costs:)
 Materials Lost:)
 Cementing Costs:)

SEE ATTACHED PAGE 1.



APR 20 1979
[Signature]

1,647.70 ✓

Tractor Rental:
 Core Box:
 Testing Hole:
 Casing and Shoes Left in Hole:
 Camp Provision:
 Downtime:
 Fly Time:

DATE	APR 17 1979
TIME	326-04-16
BY	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>

T Claims

Other: Waterline in excess of 2,000 feet. n/c

Invoice Total: \$ 34,468.90 ✓

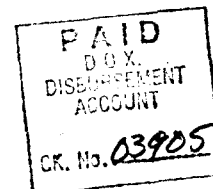
The above calculations are agreed to by:

[Signature]
 Company Representative

[Signature]
 J.T. Thomas Diamond Drilling Ltd

MATERIALS USED, LOST OR DAMAGED; REAMING; DRILL MUD and ADDITIVES.

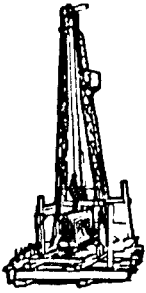
<u>Date</u>	<u>Quantity</u>	<u>Item</u>	<u>Cost</u>
April 1, 1979	1	5 gal. Poly Drill	\$ 136.35
April 1, 1979	1	5 gal. Quik Vip	160.00
April 1, 1979	1	½ BQ Bit	150.00
April 1, 1979	1	½ BQ Shell	125.00
April 1, 1979	1	BQ Core Barrel	n/c
April 2, 1979	6	50 lb. Quik Gel	49.50
April 2, 1979	1	5 gal. Quik Vip	160.00
April 2, 1979	1	½ BQ Bit	150.00
April 2, 1979	1	½ BQ Shell	125.00
April 3, 1979	1	BQ Core Barrel	n/c
April 3, 1979	1	½ BQ Shell	125.00
April 3, 1979	1	½ BQ Bit - 50%	75.00
April 3, 1979	1	½ BQ Shell	125.00
April 3, 1979	1	Core Barrel	n/c
April 6, 1979	3	BQ Rods	n/c
April 6, 1979	1	BQ Core Barrel	n/c
April 6, 1979	6	50 lb. Quik Gel	49.50
April 7, 1979	10	2 lb. Quik Trol	81.00
April 8, 1979	1	5 gal. Poly Drill	<u>136.35</u>
			\$ <u><u>1,647.70</u></u> ✓



APR 20 1979

MAN HOURS SPENT ON WATERLINE (In Excess of 2,000 feet):

\$ N/c



J. T. THOMAS
DIAMOND DRILLING LTD.
—
SMITHERS, B.C.

PH. 847-3531
P.O. BOX 394
VOJ 2N0

April 12, 1979.

Du Pont of Canada Exploration Limited
102-1550 Alberni Street
Vancouver, B.C.
V6G 1A5

Attn: Sandy McLean.

Dear Mr. McLean:

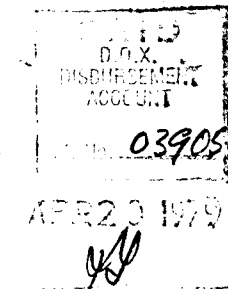
Enclosed herewith is Invoice No 79-6 in duplicate covering further diamond drilling on your Ross River property in the Yukon. We trust that you will agree with our calculations.

Should you have any questions, please do not hesitate to call on us and we will be glad to clarify them for you.

Yours truly,

J. Thomas

JT/ms
Enc.



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____

CHARTER TICKET

5510

AIRCRAFT _____

DATE

APR 11 1979

NAME SUPPORT

ADDRESS _____

326-00-16

Kimmelman

FLIGHT/PASSENGER DETAILS

HOURS

MINS.

FUEL

DRILL EQUIPMENT TO
COVER DAMAGE TO STATION
EQUIPMENT WHEN BEING
CARRIED BY TERR AIR LTD
FOR TENDS CALL PROJECT

PAID
D.O.X.
DISBURSEMENT
ACCOUNT
CK. No. 03851

APR - 6 1979

15000

DATE	APR 11 1979
CHARGE	326-00-16
APPROVED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>

Agree with
accompanying
comments by
Sindy.
Item should
be deducted
from future
payments

TOTAL HRS

@

PER HR.

EXTRA CHARGES

TOTAL CHARGES

STAR PRINTING WHITEHORSE

Charterer's Authorization

Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET 0750
 AIRCRAFT: AS350 DATE: Mar 26 1979
 NAME: John Smith
 ADDRESS: _____

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	FUEL
<p><i>Handwritten notes:</i> 1. ... 2. ... 3. ... 4. ... 5. ...</p>			<div data-bbox="889 742 1084 913" style="border: 1px solid black; padding: 5px;"> <p>PAID D.O.X. DISBURSEMENT ACCOUNT CK. No. <u>03803</u></p> </div> <p>MAR 26 1979</p>
<p>NAME: _____ PHONE: <u>326-04-16</u> APPROVED: <u>[Signature]</u></p>			
<p>TOTAL HRS <u>1.0</u> @ <u>315.00</u> PER HR. <u>315.00</u> ✓ EXTRA CHARGES <u>Fuel 450.00 for 1 hr.</u> <u>450.00</u> ✓</p>			<p>TOTAL CHARGES <u>765.00</u> ✓</p>

STAR PRINTING, WHITEHORSE

[Signature]
Charterer's Authorization

[Signature]
Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET _____
 AIRCRAFT TH-550D DATE MAR 26 1979
 NAME _____
 ADDRESS _____

PAID
BOX

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	SEMENT UNT FUEL
<p><i>[Faint handwritten notes]</i></p>	<p><i>[Faint handwritten notes]</i></p>	<p>03803 MAR 26 1979</p>	<p>10.5</p>
<p>326-04-16 <i>[Signature]</i></p>	<p>945.00 ✓</p>	<p>123.75 ✓</p>	<p>TOTAL HRS @ 315.00 PER HR.</p>
<p>EXTRA CHARGES <i>[Faint handwritten notes]</i></p>	<p>TOTAL CHARGES \$1068.75 ✓</p>		

STAR PRINTING, WHITEHORSE

[Signature]
Charterer's Authorization

[Signature]
Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET _____
 AIRCRAFT _____ DATE _____
 NAME _____
 ADDRESS _____

FLIGHT/PASSENGER DETAILS		HOURS	MINS.	FUEL								
<p><i>[Handwritten notes in flight details section]</i></p>				DIS. DOCUMENT CK. 03803 MAR 26 1979								
				<table border="1"> <tr> <td>DATE</td> <td>MAR 26 1979</td> </tr> <tr> <td>CHARGE</td> <td>326-04-16</td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> </table>	DATE	MAR 26 1979	CHARGE	326-04-16	APPROVED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>
				DATE	MAR 26 1979							
				CHARGE	326-04-16							
APPROVED	<i>[Signature]</i>											
APPROVED	<i>[Signature]</i>											
TOTAL HRS	<i>[Handwritten]</i> @ <i>[Handwritten]</i> PER HR.											
EXTRA CHARGES	<i>[Handwritten]</i>											
TOTAL CHARGES		<i>[Handwritten]</i>										

STAR PRINTING, WHITEHORSE

[Handwritten Signature]

Charterer's Authorization

Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET _____
 AIRCRAFT: _____ DATE: _____
 NAME: _____
 ADDRESS: _____

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	FUEL								
<p>10:00 AM - 10:30 AM 1500 ft 10:30 AM - 11:00 AM 2000 ft 11:00 AM - 11:30 AM 2500 ft</p>	10.7										
<table border="1"> <tr> <td>DATE</td> <td>MAR 26 1979</td> </tr> <tr> <td>CHARGE</td> <td>326-04-16</td> </tr> <tr> <td>APPROVED</td> <td></td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> </table>				DATE	MAR 26 1979	CHARGE	326-04-16	APPROVED		APPROVED	<i>[Signature]</i>
DATE	MAR 26 1979										
CHARGE	326-04-16										
APPROVED											
APPROVED	<i>[Signature]</i>										
TOTAL HRS 10.7 @ \$15.00 PER HR.	535.	50	✓								
EXTRA CHARGES Fuel 17.450 x 3.75	63	75	✓								
TOTAL CHARGES	1597.25		✓								

PAID
D.O.X.
DISBURSEMENT
ACCOUNT
CK. No. 03803

MAR 26 1979

STAR PRINTING, WHITEHORSE

[Signature]

Charterer's Authorization

[Signature]

Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET _____

AIRCRAFT UH-1H DATE MAR 26 1979

NAME John Doe

ADDRESS _____

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	FUEL								
<i>Handwritten flight details</i>	3.5										
<table border="1"> <tr> <td colspan="2">PAID</td> </tr> <tr> <td colspan="2">D.O.X. DISBURSEMENT ACCOUNT</td> </tr> <tr> <td>CX. No.</td> <td><u>03803</u></td> </tr> <tr> <td colspan="2">MAR 26 1979</td> </tr> </table>				PAID		D.O.X. DISBURSEMENT ACCOUNT		CX. No.	<u>03803</u>	MAR 26 1979	
PAID											
D.O.X. DISBURSEMENT ACCOUNT											
CX. No.	<u>03803</u>										
MAR 26 1979											
<table border="1"> <tr> <td>DATE</td> <td>MAR 26 1979</td> </tr> <tr> <td>CHARGE</td> <td>326-04-16</td> </tr> <tr> <td>APPROVAL</td> <td><i>[Signature]</i></td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> </table>		DATE	MAR 26 1979	CHARGE	326-04-16	APPROVAL	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>		
DATE	MAR 26 1979										
CHARGE	326-04-16										
APPROVAL	<i>[Signature]</i>										
APPROVED	<i>[Signature]</i>										
TOTAL HRS	3.5	0	315.00 PER HR.								
EXTRA CHARGES	35	0	37.50								
TOTAL CHARGES			1,102.50								

STAR PRINTING, WHITEHORSE

[Signature] Charterer's Authorization

[Signature] Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET _____
 AIRCRAFT: Helicopter DATE: March 26 1979
 NAME: FRUIT
 ADDRESS: _____

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	FUEL										
<i>1.5 hours flight to and from Casper to ...</i>	1.5												
<table border="1"> <tr> <td>DATE</td> <td>MAR 26 1979</td> </tr> <tr> <td>CHARGE</td> <td>326-04-16</td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> </table>			DATE	MAR 26 1979	CHARGE	326-04-16	APPROVED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	<table border="1"> <tr> <td>PAID D.O.X. DISBURSEMENT ACCOUNT Gr. No. <u>03803</u></td> </tr> <tr> <td>MAR 26 1979</td> </tr> </table>	PAID D.O.X. DISBURSEMENT ACCOUNT Gr. No. <u>03803</u>	MAR 26 1979
DATE	MAR 26 1979												
CHARGE	326-04-16												
APPROVED	<i>[Signature]</i>												
APPROVED	<i>[Signature]</i>												
PAID D.O.X. DISBURSEMENT ACCOUNT Gr. No. <u>03803</u>													
MAR 26 1979													
TOTAL HRS <u>1.5</u> @ <u>315.00</u> PER HR.	472.50		✓										
EXTRA CHARGES <u>1.5 @ 37.50</u>	56.25		✓										
TOTAL CHARGES	528.75		✓										

STAR PRINTING, WHITEHORSE

L. L. L. L.

Charterer's Authorization

[Signature]

Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

tterr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET 03803
 AIRCRAFT HOVER DATE MAR 26
 NAME [Signature]
 ADDRESS _____

FLIGHT/PASSENGER DETAILS	HOURS	MIN.	FUEL								
<p><i>10000 ft</i> <i>10000 ft</i> <i>10000 ft</i> <i>10000 ft</i> <i>10000 ft</i> <i>10000 ft</i></p>	1.2		<table border="1"> <tr> <td>Paid</td> <td></td> </tr> <tr> <td>DISP</td> <td></td> </tr> <tr> <td>CK. NO.</td> <td>03803</td> </tr> <tr> <td>DATE</td> <td>MAR 26 1979</td> </tr> </table>	Paid		DISP		CK. NO.	03803	DATE	MAR 26 1979
Paid											
DISP											
CK. NO.	03803										
DATE	MAR 26 1979										
<table border="1"> <tr> <td>DATE</td> <td>MAR 26 1979</td> </tr> <tr> <td>CHARGE</td> <td>326-04-16</td> </tr> <tr> <td>APPROVED</td> <td></td> </tr> <tr> <td>APPROVED</td> <td><i>[Signature]</i></td> </tr> </table>	DATE	MAR 26 1979	CHARGE	326-04-16	APPROVED		APPROVED	<i>[Signature]</i>			
DATE	MAR 26 1979										
CHARGE	326-04-16										
APPROVED											
APPROVED	<i>[Signature]</i>										
<p>TOTAL HRS <u>1.2</u> @ <u>315.00</u> PER HR. = <u>378.00</u></p> <p>EXTRA CHARGES <u>45.00</u></p>											
TOTAL CHARGES			<u>423.00</u> ✓								

STAR PRINTING, WHITEHORSE

[Signature]
Charterer's Authorization

[Signature]
Pilot's Signature



ROSS RIVER
YUKON
CANADA

HELICOPTER CHARTER

terr-air
ROTARY LTD.

PHONE: 403-969-2240

PROJECT: _____ CHARTER TICKET _____
 AIRCRAFT: 117 DATE: 1979
 NAME: DePaul
 ADDRESS: _____

FLIGHT/PASSENGER DETAILS	HOURS	MINS.	FUEL
<p><i>117 Helicopter</i> <i>1.7 hours</i> <i>to Ross River</i> <i>to camp</i> <i>to camp</i> <i>to camp</i> <i>to camp</i></p> <div data-bbox="360 957 884 1212" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>DATE: MAR 26 1979 CHARGE: 326-04-16 APPROVED: <i>DePaul</i> APPROVED: _____</p> </div> <p>TOTAL HRS: <u>1.7</u> @ <u>315.00</u> PER HR. = <u>535.50</u> ✓ EXTRA CHARGES: <u>26.75</u> @ <u>150.00</u> = <u>63.75</u> ✓</p>	<p>1.7</p>		<div data-bbox="851 646 1042 805" style="border: 1px solid black; padding: 5px;"> <p>PAYD D.O.X. DISBURSEMENT ACCOUNT C.K. No. <u>03803</u></p> </div> <p style="text-align: center; font-size: 1.2em;">MAR 26 1979</p>
TOTAL CHARGES	<p><u>609.25</u> ✓</p>		

STAR PRINTING, WHITEHORSE

L. DePaul
Charterer's Authorization

[Signature]
Pilot's Signature