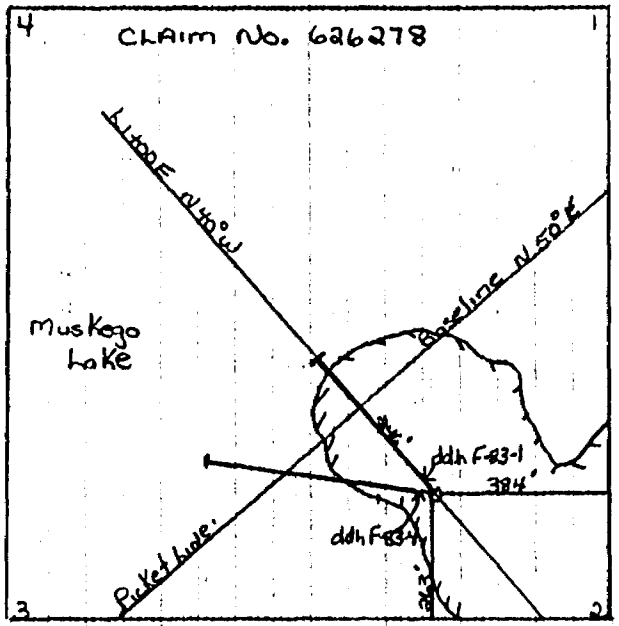
DIAMOND DRILLING

TOWNSHIP: Keith REPORT NO.: 49

WORK PERFORMED BY: Hudbay Mining Ltd.

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
P 626278	F83-1	750	July/83	(1)
P 636495	F83-2	481	July/83	(1)
P 636494	F83-3	436	July/83	(1)
P 641573	F83-4	803	Aug/83	(1)

NOTES: (1) #54-84



N

Location Sketch - Diamond Drill Holes F-83-1, F-83-4

Scale 1:5000

PROFESSIONAL GEOLOGIST
GEORGE E. CHABOT

George Chabot

November, 1983

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-1

DIP TEST		
	Angle	
Footage	Reading	Corrected
140' (42.67m)	60.7°	52.5°
314' (95.71m)	59°	51°
550' (167.64m)	56°	48°
750' (228.60m)	55°	46.7°

Hole No. F-83-1 Sheet No. 1
Section L1+00E, 0+755
Date Begun July 25, 1983
Date Finished July 31, 1983
Lat.
Dep.
Bearing 323°, -55°
Elev. Collar
Total Depth 750 '(228.60m)
Logged By G. Chabot
Claim 626278
Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-140f	Overburden						
(0-42.67M)							
140-332 ft	Intermediate to Felsic Tuffs						
(42.67-101.19m)	- grey to greenish grey in color						
	- moderately hard to locally hard						
	- fine grained						
	- from 245-332 ft core has a spotted texture formed by						
	sub-round calcite blebs <1 in. in diameter						
	- locally, the calcite gives the core a streaky appearance						
	- quartz-calcite veins <6 in. wide and containing						
	fragments of the country rock are observed eg 201' & 297'						
	- locally the core is strongly fractured and the hairline						
	cracks are filled by chlorite and/or calcite						
	- the core is generally not mineralized						
	- the quartz calcite vein at 201 ft contains very						
	very minor cpy						
332-427 ft	Rhyolite Lapilli Tuff						
(101.19-130.15m)	- at 332 ft the contact is apparently sharp and is						
	marked by a chlorite-calcite vein 2" wide at 20°TCA						
	- however, there are some fragments of the overlying unit						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 2 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collor. Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	adjacent to the contact						
	- very hard, fine grained						
	- consists of rhyolite lapilli < 1/16 in. in diameter						
	in a calcite matrix - commonly, the matrix is chloritized with a brown						
	colored chlorite occuring as streaks and small pods						
	- contains numerous thin calcite filled fractures at						
	varying orientations						
	- from 400-404 ft core is badly broken and rubbly						
	- interval is not mineralized						
427-465 ft	Felsic Tuff						
(130.15-141.73m)	- upper contact is sharp but somewhat irregular ~30°TCA						
	-core is medium grey to locally greenish grey						
	- core is hard although the alteration makes it appear soft						
	- very fine grained						
	- consists of very fine tuffaceous fragments in a						
	calcite cement						
	- commonly, the tuff is chloritic						
	- the core is cut by a myriad of fine calcite veinlets						
	at varying orientations						
	- from 461.5-465, the core is alight greenish grey in						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ... Sheet No. 3 Lat. ... Total Depth ...
Section ... Dep. ... Logged By ...
Date Begun ... Bearing ... Claim ...
Date Finished ... Elev. Collar ... Core Size ...

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	CU ppm	PH ppm	Zn ppm	AU oz/T	Ag ppm
	color - this section is silicified and contains a few							
	discontinuous quartz veins with calcite filled fractures							
	- the section is strongly calcite veined and appears							
	to have a preferred orientation of 15° TCA - there							
	also appears to be a foliation to this section of							
	the unit - this is the result of a preferred oriented,							
	very fine disseminated sulphides which occur parallel							
	to the calcite veins - the sulphides are pyrrhotite with							
	lesser chalcopyrite							
465-468 ft	Sericite and Sulphide Banded Rhyolite	15484	455-460	48	43	110	NIL	0.4
(141.73-142.89m)	- upper contact somewhat gradational @30°TCA	15499	460-465	68	33	78	NIL	0.2
	- lower contact is sharp @25°TCA	15500	465-468.8	310	58	2800	NIL	0.8
	- section consists of thin banded (≤.25' wide) parallel	15801	468-473.5	52	27	123	NIL	0.2
	bands of rhyolite, sulphides and sericite with	15802	473.5-478.5	25	27	89	NIL	0.2
	occasional quartz-calcite bands 1"wide - the sulphide	15803	478.5-483	22	22	79	NIL	0.2
	bands are the thinnest	15804	483-488	42	21	96	NIL	0.3
	- the sulphide bands consist of pyrrhotite-pyrite is	15805	488-493	48	24	112	NIL	0.3
	observed locally as irregular patches and dis-	15806	493-498	36	21	84	NIL	0.2
	seminations, particularly, at the beginning of the							
	unit							

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 4 ..... Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- the sericite is greenish in color and appears to be streaky						
	- calcite is present as very, thin veinlets which locally crosscut the bands and offsets them, particularly the sericite						
	- very small orange brown blebs and streaks (probably sphalerite) are observed within the bands, particularly, from 465-466 ft where the bands are strongly disrupted by calcite veinlets and pods, sphalerite is most abundant (<.5%)						
	- the section contains <5% pyrrhotite						
	- at 465 ft a chloritic section has some gouge along a fracture						
468.8-473 ft (142.89-144.17m)	Felsic Tuff similar to 461.5 to 465 ft						
	- locally pseudo banded, particularly at the upper contact						
	- shows evidence of shearing parallel TCA						
	- strongly sericitic						
	- less calcite veined and much less sulphide rich						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 5 Lat. Total Depth
Section Dep. Logged By
Date Begun Bearing Claim
Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- contains black disseminated, very fine grained mineral						
	- at 471 ft, chalcopyrite is observed along a calcite slip plane						
	- at 471.75 ft, a .75 in wide massive pyrrhotite band with small pods of calcite is observed						
473-750 ft	Intermediate to Felsic Tuffs						
(144.17-228.6m)	- similar to 140-332 ft						
	- from 473-585 ft the section is strongly disturbed by calcite veinlets and quartz-calcite veins <1" wide locally, the rock adjacent to the veins is brecciated and cemented by calcite						
	485-498 ft - interval contains <1% pyrrhotite with minor pyrite in thin discontinuous bands and as fine disseminations						
750 ft	END OF HOLE						

George Chabot
27/01/84

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group

HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected
200'(60.96m)	56.5°	48.5°
380'(45.82m)	53.25°	45°
481'(146.61m)	52.5°	44°

Hole No. F-83-2 Sheet No. 1

Section L6+00W,3+50N

Date Begun July 20, 1983

Date Finished

Lat.

Dep.

Bearing 190°-,-55°

Elev. Collar

Total Depth 481 ft (146.61m)

Logged By G. Chabot

Claim 636495

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0 - 22 ft(0-6.71m)	Overburden						
	- casing was tri-coned to 22 feet although bedrock						
	was encountered at approximately 16 feet						
22-87 ft(6.71-	Mafic Tuff						
26.52m)	- core is medium to dark grey in color						
	- medium hardness - generally fine grained						
	- commonly has a spotted texture comprised of calcite						
	blebs						
	- locally there is an apparent bedding of 70° TCA						
	- narrow calcite veinlets $\leq$ .5 in. wide are common						
	and although their attitude varies, they appear to						
	average 45° TCA						
	- the core is commonly calcareous - calcite is						
	observed as permeations along fractures and tiny						
	cracks						
87-107 ft(26.52-	Mafic to Intermediate Tuff with Argillite						
32.61m)	- the tuff is medium green and the argl. is dark grey						
	to black						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 2 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- the tuff is fine grained with irregular shards and may						
	be a lappilli tuff - the tuff commonly contains thin						
	argillaceous bands						
	- argillite is observed as thin bands $\leq$ .25 in. wide						
	and as larger $\leq$ 1 ft. interbeds						
	- calcite is a common alteration in stringers, as						
	blebs, as permeations and in $\leq$ 1 in. irregular,						
	nebulous bands						
	- locally, sharp bedding contacts are observed between						
	the argillite and tuff at $\sim 40^{\circ}$ TCA						
	- the argillite is the most strongly mineralized with						
	$\leq$ 1% pyrrhotitewith pyrite and locally (eg. 95 ft)						
	minor chalcopyrite						
	- the mineralization is commonly associated with the						
	nebulous calcite bands as rims, blebs and stringers						
	- very fine pyrrhotiteis observed in the argillite						
	- locally, the tuff contains fine pyrrhotite stringers						
	associated with calcite veinlets at 50° TCA and as						
	very fine disseminations and patches						
	- graphite is not observed associated with the argillite						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 3 Lot Total Depth
Section Dep Logged By
Date Begun Bearing Claim
Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- mineralization is generally discontinuous but locally						
	is weakly to moderately conductive over widths of						
	.25 in.						
	- 102-107 ft.- mainly intermixed argillite with tuff						
	- < 1% pyrhotite as fine disseminations throughout						
	and as blebs, and pods along fractures						
	- section is strongly calcareous						
107-149ft.	Mafic Tuff						
(32.61-45.41m)	- similar to 22 to 87 ft						
149-152	Altered Mafic Metavolcanic						
(45.41-46.32m)	- light grey in color - medium hardness						
	- fine grained to aphanitic						
	- has a well developed foliation but it shows no preferred						
	orientation						
	- the foliation is accentuated by thin (<.5 in) olive green						
	bands and to a lesser extent orange-red bands and						
	inclusions						
	- also thin black streaks give it a foliation						
	- calcite veins and fracture fillings are common						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 4 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
152-153	Banded Argillite						
(46.32-46.63m)	- medium to light grey - moderately hard						
	- consists of 1 to 2 inch light and dark muddy bands						
	(beds?) at 60° TCA						
	- bands are locally discontinuous						
	- contains minor disseminated pyrite						
153-158	Altered Mafic Metavolcanic						
(46.63-48.16m)	- similar to 149 to 152 ft						
158-172	Banded Argillite						
(48.16-52.42m)	- similar to 152-153						
	- medium to light grey in color - medium hardness						
	- bands are well defined with sharp contacts						
	- bands are oriented to 45° to 50° TCA						
	- locally (167.3ft) thin banded argillite is deformed						
	so that it has a folded appearance with a fold axis						
	@ 10° TCA						
	- section is strongly cacareous with calcite observed as						
	veinlets and pods along bedding planes						
	- irregular bands < 3" wide of calcareous material						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 5 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	are observed roughly along bedding planes - also, calcite						
	stringers and blebs are locally present						
	- the section is mineralized with pyrrhotite as thin						
	<.1 in. continuous bands which locally (162.5 ft)						
	contain m.cpy						
	- the sulphide mineralization is commonly found parallel						
	to bedding planes and also associated with calcite - very						
	fine pyrrhotiteis observed disseminated throughout						
	the argillite						
172-172.3	Argillite						
(52.42-52.52m)	- black in color - aphanitic						
	- in sharp irregular contact with adjacent rock units						
172.3-180	Mafic to Intermediate Tuff						
(52.52-54.86m)	- similar to unit from 87-107 ft without the argillite						
	- fine grained greenish grey in color						
	- thin chl itic bands are common						
	- calcite is common as stringers and fracture fillings						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 6 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
180-189	Mafic Tuff						
(54.86-57.61m)	- similar to 22 - 87 ft.						
	- v. fine pyrrhotite is disseminated throughout the unit						
189-238	Altered Mafic Metavolcanic						
(57.61-72.54m)	- similar to 149-152						
	- foliation is moderately well developed at 70-80° TCA						
	- foliation defined by thin dark streaks						
	- locally, a scaley texture is observed						
	- minor suphides, pyrrhotite and pyrite are present						
	as disseminations and thin bands locally parallel to the						
	foliation						
238-241	Mafic to Intermediate Tuff						
(72.54-73.46m)	- similar to 87-107 feet						
241-245	Altered Mafic Metavocanic						
(73.46-74.68m)	- similar to 149-152 feet						
245-262	Mafic to Intermediate Tuff						
(74.68-79.86m)	- similar to 87-107 feet						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 7 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
262-263	Quartz-Carbonate Unit						
(79.86-80.16m)	- oriented at ~ 10° TCA						
	- contains minor sericite and disseminated pyrhotite						
263-297 ft	Mafic to Intermediate Tuff						
(80.16-90.52m)	- 264-266 - highly disturbed by calcite veinlets,						
	stringers and blebs						
297-363	Mafic Tuff						
(90.52-110.64m)	- similar to 22-87 feet						
	- locally contains narrow chloritic bands						
	- very fine pyrrhotite is commonly observed disseminated						
	throughout this unit						
	- at 360.5 ft. pyrrhotite and chlorite and calcite form						
	narrow (< .1 in) semi-continuous bands at 70-80° TCA						
	and interconnected networks						
	- the pyrrhotite contains very minor chalcopyrite						
363-366	Argillite						
(110.64-111.56m)	- similar to 152-153 ft						
	- bedding at ~ 70° TCA						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

8

Hole No. ..... Sheet No. ..... Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Au oz/T	Ag ppm	Zn ppm	
	- discontinuous pyrrhotite found along bedding planes						
366-387 ft	Altered Mafic Metavolcanic						
(111.56-117.96m)	- similar to 189-238 feet						
	- foliation @ ~ 75° TCA						
	- contains disseminated pyrrhotite and minor pyrite						
	- from 388-391 section is strongly calcareous with veins						
	and blebs						
387-391	Altered Mafic Tuff	15807	387-391	NIL	0.2	167	
(117.96-119.18m)	- similar to 22-87 ft						
	- strongly carbonatized with numerous irregular quartz-carbonate veins and						
	bands						
	- also, blebs of pyrhotite /c minor chalcopyrite						
	are common (<1%)						
	- blebs are conductive but are discontinuous, consequently						
	conductivity is limited						
391-395	Argillite	15808	391-395	NIL	1.1	3500	
(119.18-120.40m)	- black hard, aphanitic						
	- strongly calcareous with thin calcareous bands						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate GROUP HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 9 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	AU oz/T	AG ppm	Zn ppm	
	commonly parallel to bedding at 40-50° TCA						
	- section is strongly mineralized-mineralization						
	consists of bands < 2 in. wide which are irregular						
	with continuous rims and are filled by disseminated						
	blebs of pyrhotite and minor pyrite						
	- section contains < 3% sulphides						
	- rims are commonly conductive						
395-403.75	Altered Mafic Tuff	15809	395-400	NIL	0.2	84	
(120.40-123.06m)	- similar to 387-391	15810	400-403.75	NIL	0.2	79	
403.75-406.5	Argillite	15811	403.75 407.5	.001	1.0	3800	
(123.06-124.21m)	- similar to 391-395 ft						
	- sulphides associated with calcite bands						
	- contains minor cpy						
407.5-409.5	Altered Mafic Tuff	15812	407.5-409.5	NIL	0.5	648	
(124.21-124.82m)	- similar to 387-391						
409.5-414	Argillite	15813	409.5-414	0.001	1.2	3900	
(124.82-126.19m)	- similar to 391-395						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83 2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 10 Lot ..... Total Depth .....
Section ..... Dep ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	AU oz/T	Ag ppm	Zn ppm	
	- more carbonate alteration in the form of veins						
	- also pyrhotite pods with calcite rims as well as						
	banded mineralization						
414-425	Altered Mafic Tuff	15814	414-419	NIL	0.4	239	
(126.19-129.54m)	- similar to 387-391						
425-426							
(129.54-129.84m)	Argillite						
	- similar to 391-395						
426-439	Mafic to Intermediate Tuff						
(129.84-133.81m)	- similar to 870107 ft						
	- green to greenish grey in color						
	- cut by numerous calcite veins < 2 in wide which are						
	locally cross-cutting						
	- minor disseminated sulphides						
439-440	Argillite						
(133.81-134.11m)	- similar to 391-395						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group

HOLE No. F-83-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 11 ..... Lat. .....

Section ..... Dep. .....

Date Begun ..... Bearing .....

Date Finished ..... Elev. Collar .....

Total Depth .....

Logged By .....

Claim .....

Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
440-472	Mafic to Intermediate Tuff						
(134.11-143.86m)	- similar to 426-439 ft						
	457-472 ft - less strongly veined						
472-481	Mafic Tuff						
(143.86-146.61m)	- similar to 22-87						
481	END OF HOLE						
(146.61m)							

George Chabot
27/01/84

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group

HOLE No. F-83-3

DIP TEST		
	Angle	
Footage	Reading	Corrected
76'(23.16m)	53°	45°
436'(132.80m)	49.9°	41°

Hole No. F-83-3 Sheet No. 1 Lot

Section L6+00W,1+20N Dep.

Date Begun July 15, 1983 Bearing 190°--50°

Date Finished July 20, 1983 Elev. Collar

Total Depth 436'(132.89m)

Logged By G. Chabot

Claim 636494

Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-70'	Overburden						
(0.-21.34m)	- large boulders in gravel						
	- casing broke twice before the drill was able to						
	penetrate the overburden						
70-436'	Mafic Metavolcanic						
(21.34-132.89m)	- core is medium grey to greenish grey in color						
	- generally, medium hardness with local soft areas						
	- fine grained to aphanitic						
	- commonly finely fractured with fractures filled with						
	calcite						
	- quartz and quartz carbonate veins are observed locally						
	- locally, fractures have narrow (≤.5 in) alteration						
	halos - halos are commonly light grey and/or red in						
	color						
	76 - 82 ft						
	- greenish grey alteration halos are observed along calcite						
	veinlets which are oriented 30°-50° TCA						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project, Carbonate Group HOLE No. F-83-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 2 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	84-84.5 ft						
	- quartz veins and fragments are observed roughly						
	interbedded with soft, medium green material						
	- roughly oriented at 50° TCA						
	92.5 ft						
	- quartz carbonate vein, 1" wide oriented at 15° TCA						
	98.5 ft						
	- 3" wide vein oriented at ~45° TCA						
	- consists of anhedral pink quartz in a green, black						
	and cream colored calcareous matrix						
	145 ft						
	- 1" wide band oriented @45°TCA of disseminated pyrhotite						
	blebs						
	-moderately conductive - cut by thin calcite veinlet						
	152 ft						
	- 3" section of disseminated pyrrhotite blebs						
	- weakly conductive						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 3 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	154-164 ft						
	- strongly altered section containing reddish brown						
	alteration rims and halos - commonly associated with						
	calcite veinlets but are also observed as halos around						
	darker colored volcanic material						
	191-191.5 ft						
	- quartz vein @15°TCA and approximately 1" wide - fracture						
	filled by calcite - not mineralized						
	195-201 ft						
	- section is more strongly altered with several cream						
	colored carbonate with quartz veins and stringers						
	- commonly, there is disseminated sulphides associated						
	with the calcite						
	208 ft						
	- small, calcareous pod (<1" long) contains fine						
	disseminated pyrrhotite & minor chalcopyrite						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 4 Lot Total Depth
Section Dep. Logged By
Date Begun Bearing Claim
Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	210-216 ft						
	- core is permeated by calcite in thin veinlets and						
	discontinuous stringers						
	226 ft						
	- 4" breccia zone healed by calcite - probably minor shear						
	270 ft						
	- 8" calcite vein (locally pink)-fracture at 20°TCA						
	chloritic						
	275-276 ft						
	- calcite vein with quartz - contains discontinuous						
	pyrrhotite stringers with minor chalcopyrite, also						
	1% disseminated pyrrhotite is observed						
	310-311 ft						
	- strongly fractured zone - fractures are commonly rimmed						
	by red and to a lesser extent, pale green alterations						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Carbonate Group HOLE No. F-83-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ... Sheet No. 5 Lat. ... Total Depth ...
Section ... Dep. ... Logged By ...
Date Begun ... Bearing ... Claim ...
Date Finished ... Elev. Collar ... Core Size ...

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE
	352.5-354 ft		
	- irregular quartz veins with calcite rims, contain		
	< 1% pyrrhotitewith minor pyrite as thin stringers		
	and as disseminations related to the veining		
	354-396 ft		
	- section is strongly fractured and calcareous - reddish		
	brown and green alteration rims are very common along		
	fractures - also, reddish, nebulous masses are		
	observed; possibly sphalerite		
	415-424 ft		
	- section is strongly calcareous		
	- core exhibits a honeycomb texture composed of		
	calcite filled fractures		
	436 ft		
	END OF HOLE		
	COMMENT: Although the hole intersected weakly conductive		
	sulphides, these do not appear to represent the target		
	conductor.		

George Chabot
27/01/84

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected
140'(42.67m)	63°	55°
300'(91.44M)	63°	55°
436'(132.89m)	58°	50°
600'(182.88m)	56°	47.5°
803'(244.75m)	50°	41.5°

Hole No. F-83-4 Sheet No. 1
Section L1+00E,0+75S
Date Begun August 1, 1983
Date Finished August 7, 1983
Lat.
Dep.
Bearing 282°—55°
Elev. Collar

Total Depth 803'(244.75m)
Logged By G. Chabot
Claim 626278
Core Size BQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0-142 ft	Overburden						
(0-43.28m)	- sand with esker gravels						
142-225.75 ft	Intermediate to Felsic Tuff						
(43.28-68.81m)	- core is greenish grey to grey in color						
	- appears to be mainly Felsic however, the alteration						
	makes it difficult to be certain						
	- varies from moderately hard to hard						
	- texturally, there is considerable local variation -						
	much of the core exhibits an altered tuffaceous texture						
	- locally, the most common texture is a banded one at						
	15% TCA						
	- it is formed by very thin dark bands, probably chlorite						
	e.g. 214 ft and by thicker bands (.5 in) of chlorite						
	and calcite e.g. 203 ft, 207 ft						
	- bands vary from 10-45°TCA but appear to have a						
	preferred orientation of 10-15°TCA						
	- another local feature, e.g. 162-3 ft and 102-3 ft						
	appears to be a possible altered agglomerate - it						
	consists of stretched, black fragments in a greenish						
	grey matrix - both the matrix and the fragments have						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 2 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	a spotted texture						
	- quartz eyes are common as are quartz inclusions						
	- at 162.5ft a grain of cpy is observed within a quartz						
	eye -these sections appear strongly deformed and also						
	have a banded appearance						
	- at 179 ft the core exhibits a wavy texture formed by						
	thin chlorite streaks						
	- at 224 ft a band of anhedral quartz clusters (≤.5in)						
	is observed						
	- the entire section is strongly chloritized giving						
	the tuff a felty texture and largely obscuring the						
	felsic nature of the tuff						
	- locally, the core is moderately to strongly calcareous						
	- the section is poorly mineralized with very fine diss-						
	eminated sulphides being observed in a few locations						
	- however, at 206.3 ft minor cpy is observed within a						
	green and white thin banded siliceous vein (≤.01%)						
225.75-228 ft	Zone of Black Material with Calcite Crystal Aggregates						
(68.81-69.49m)	- upper and lower contacts are sharp and at 15°TCA						
	- consists of round to sub-round crystal aggregates						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 3 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	<.1 in diameter of white with pink calcite in a moderately						
	hard, aphanitic,black ground mass - locally, some of						
	the crystal aggregates have overgrowths of tourmaline						
	- section contains very fine disseminated pyrite and						
	pyrrhotite (<.5%)						
	- almost a porphroblastic texture						
228-403 ft	Intermediate to Felsic Tuffs						
(69.49-122.83m)	- similar to 142 - 222.75 ft						
	- increase in quartz-calcite veining, especially from 330-						
	403 ft						
	- there are a number of zones of "gash" veins composed						
	principally of quartz with calcite and a soft black						
	material with a brown streak (Chlorite?)						
	- the veins are irregular and locally, brecciate the						
	country rock and locally incorporates fragments of country						
	rock						
	- locally, the black stringers and quartz veinlets						
	exhibits strong deformation (ptygmatic folding)						
	- sulphides particularly cpy, are associated with the						
	veins, and in particular, the black material in						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 4 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	stringers, as vein rims, and as disseminations						
	within the quartz itself						
	- cpy is the most common sulphide (≤.1%) however, there						
	is very minor py and pyrh.						
	- these veins are observed at 331, 347 to 349, 351 to						
	353, 367 and 368 to 371 ft.						
	- at 393 to 394 ft and 400 to 401 ft milky quartz veins						
	with round to angular, tan colored inclusions						
	(ankerite?) are observed in sharp contact at angles from						
	0^{o} to 45^{o} TCA						
	- from 391 to 403 ft. there is definite increase in quartz as						
	stringers and veinlets						
403-414 ft	Altered Intermediate to Felsic Tuffs						
(122.83-126.19m)	- pale green with cream colored bands						
	- moderately hard, fine grained						
	- contains irregular cream colored bands ≤1" wide which are						
	commonly discontinuous						
	- banding is at 25^{o} TCA						
	- section is calcareous						
	- at 407.5 ft an irregular shear at 10-15^{o} TCA offsets						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 5 Lot Total Depth

Section Dep Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	the bands						
	- no observed mineralization						
414-479 ft	Rhyolite Lapilli Tuff						
(126.19-145.99m)	- similar to unit in F-83-1-possible marker horizon						
	- medium grey in color, fine grained lappilli are						
	$\leq$.1"						
	- lappilli are in a calcite with chlorite matrix						
	- locally contains thin quartz veins						
	- generally, not minerallized						
	- 414-419 ft - section is strongly fractured						
	- fractures are filled by black material and commonly						
	carry pyrhotite ($\leq$.5%)						
	- 421-422.5 ft - section is cut by a boudinaged quartz						
	vein parallel TCA - it varies up to 1.5" wide						
	- the entire section is strongly mineralized with						
	pyrhotite ($\leq$ 3%)						
	- pyrhotite is observed along the vein walls, associated						
	with bright green fragments within the vein, along						
	fracture fillings and in the chloritic gangue						
	- locally, the pyrrhotite carries pyrite cubes which						

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 6 Lot. Total Depth.

Section. Dep. Logged By.

Date Begun. Bearing. Claim.

Date Finished. Elev. Collar. Core Size.

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	AU oz/T	AG ppm
	appear to have an exsolution texture							
	- within the country rock pyrrhotite fills the myriad							
	of small fractures - no cpy is observed							
479-496.5 ft	Andesite							
(145.99-151.18m)	- the upper contact is sharp at 53°TCA	15485	491.25-496.5	49	64	122	NIL	NIL
	- the lower contact is gradational							
	- the unit is medium green, moderately soft and fine							
	grained							
	- the unit is generally massive, however, the lower							
	half is cut by numerous thin calcite veinlets							
	- the unit is not mineralized							
	- 494-496.5 ft transition zone - at 494', the andesite							
	takes on a speckled texture with the appearance of							
	black spots							
	- the andesite becomes more selicified with numerous							
	quartz stringers							
	- locally, the black mineral comprise ≤25% of the rock							
	- pyrite (≤1%) with pyrrhotite and very minor cpy is							
	common and is associated with the quartz stringers,							
	along fractures and as disseminations							

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 7 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Au oz/T	Ag ppm
496.5-503 ft	Rhyolite Lapilli Tuff							
(151.18-153.31m)	- similar to 414 to 479	15486	496.5-501.25	11	29	85	NIL	NIL
	- more fractured and chloritic	15487	501.25-506	48	48	368	NIL	0.2
	- contains disseminated pyrrhotite							
	- 501-503 ft, more silicified and fractured and contains							
	thin quartz veinlets							
503-523.25 ft	Sulphide Banded Rhyolite							
(153.31-159.49m)	- section is light grey in color with sulphide bands	15488	506-511	73	43	302	NIL	0.3
	up to 2 " wide	15489	511-516	70	50	520	NIL	0.3
	- the grey colored sections are very hard and are very	15490	516-521	91	54	340	NIL	0.3
	fine grained to aphanitic	15491	521-523.25	64	37	182	NIL	0.2
	- the unit has a distinct banded appearance - bands are							
	oriented from 30° to 75° TCA but have a preferred							
	orientation of 45 - 50° TCA							
	- the major components of the unit are sulphides (35%,							
	rhyolite 40%, black mineral 10% and quartz 5%)							
	- the sulphides consist of ~20% pyrite and ~15%							
	pyrrhotite							
	- the pyrite tends to occur as larger grains <1 in. in							
	diameter and are commonly fractured							

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 8 Lat. ..... Total Depth .....

Section ..... Dep. ..... Logged By .....

Date Begun ..... Bearing ..... Claim .....

Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu ppm	Ph ppm	Zn ppm	Au oz/T	Ag ppm
	- the pyrite is surrounded by fine disseminated							
	pyrhotite which forms irregular bands							
	- commonly associated with the sulphides are discrete							
	grains (<.2 in) and streaks of the black mineral							
	- the sulphides pyrrhotite with pyrite and the black							
	mineral are also observed as very thin veinlets							
	oriented approximately parallel to the larger bands							
	- sulphides also occur as tiny blebs and streaks throughout							
	the rhyolite							
	- the rhyolite has been strongly invaded by the sulphides							
	and it is common to observe rhyolite lenses in the							
	sulphide bands							
	- quartz occurs as discontinuous bands (<.5 in) parallel							
	to the sulphide bands and commonly contain sulphide blebs							
	- the section is strongly conductive over lengths of							
	up to 1 foot							
523.25-525 ft	Speckled Rhyolite							
(159.49-160.02m)	- apparent sharp contact @35° TCA	15492	523.25-525	58	39	251	NIL	NIL
	- unit consists of ~30% irregular black grains							
	which occur as irregular shaped grains <1 in diameter							

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. Sheet No. 9 Lat. Total Depth

Section Dep. Logged By

Date Begun Bearing Claim

Date Finished Elev. Collar Core Size

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Au oz/T	Ag ppm
	- narrow $\leq$.1 in wide quartz stringers are observed at							
	45° TCA							
	- section contains $\leq$5%pyrrhotite as blebs and							
	minor sericite enhances the speckled streaks texture							
525-540 ft	Sulphide Banded Rhyolite							
(160.02-164.59m)	- somewhat similar to 503-523.5 ft	15493	525-526	66	35	92	NIL	NIL
	- this section has many similarities to the previous	15494	526-531	69	32	383	NIL	0.2
	section, however, the sulphides are much less	15495	531-535	102	51	385	NIL	0.3
	abundant and the banding is much less distinct	15496	535-540	71	140	502	NIL	0.2
	- the rhyolite has a pale green color							
	- the sulphides are more localized, occurring over							
	lengths of $\leq$ 2ft with sections of disseminated mineralized							
	rhyolite in between							
	- while the sulphides have a pseudo banding at ~45° TCA							
	they tend to be more discontinuous occurring in patches							
	which may or may not be connected by sulphide stringers							
	- overall, sulphides comprise ~10% of the section with							
	the sulphides occurring in much the same manner as in							
	the previous interval with disseminated pyrhotite							
	surrounding larger pyrite grains							

DIAMOND DRILL RECORD

PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 10 Lat. ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Au oz/t	Ag ppm
	- one major difference is the almost total absence of							
	black mineral and a more intimate association of the							
	sulphides with quartz stringers							
	- fine disseminated blebs of pyrhotite are common							
	in the rhyolite							
	- locally, the sulphide zones are strongly conductive							
540-803 ft	Intermediate to Felsic Tuffs							
(164.59-244.75m)	- similar to 142-225.75 ft	15497	540-545	40	23	103	NIL	NIL
	- from 540-695, the core is pale green to grey in color and							
	from 695-803 the core is medium to light grey in							
	color	15498	545-550	77	29	233	NIL	NIL
	- core is moderately hard to hard							
	- fine grained							
	- contains a myriad of quartz-calcite stringers							
	- locally white and buff quartz veins < 1" wide are ob-							
	served at 45-50° TCA e.g. 553 '							
	- locally quartz eyes and lenses are observed e.g.							
	597-600 ft							
	- also quartz "gash" veins are observed locally							
	- from 540-560ft.pyrrhotite patches and stringers are common (<3%)							

DIAMOND DRILL RECORD

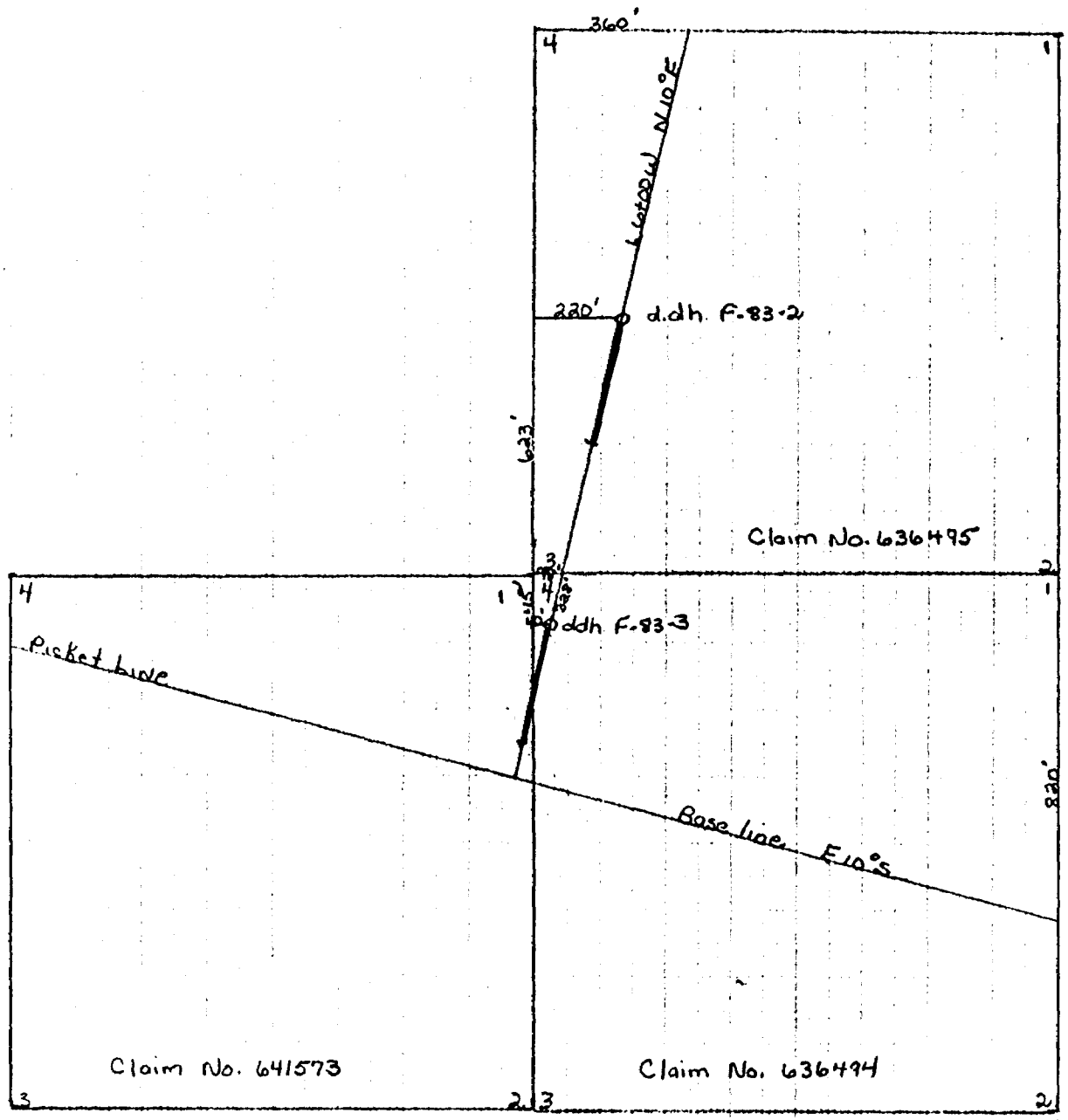
PROPERTY Foleyet Project - Muskego Group HOLE No. F-83-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ..... Sheet No. 11 Lot ..... Total Depth .....
Section ..... Dep. ..... Logged By .....
Date Begun ..... Bearing ..... Claim .....
Date Finished ..... Elev. Collar ..... Core Size .....

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
	- elsewhere, very fine disseminated pyrrhotite is commonly						
	observed - locally blebs and stringers are observed						
	- from 700-803 ft there is much less sulphide mineralization,						
	occurring only locally						
	- from 695-803, there is a notable increase in calcite,						
	which is observed as blebs, stringers and patches						
	- 801-803 ft - quartz gash vein						
803 ft (244.75m)	END OF HOLE						

George Chabot
27/01/84



N

PROFESSIONAL GEOLOGIST ALBERTA
GEORGE F. CHABOT

George Chabot
November 3, 1983

Location Sketch: Diamond Drill Holes F-83-2, F-83-3

Scale 1:5000

Ministry of Natural Resources
Ontario

Report of Work

Pag.

#54/84

42B01NW0044 49 KEITH

900

separate form for each ...ded (see table below).
... form no. 1362 "Report ...ysical, Geochemical and ...

Name and Postal Address of Recorded Holder

Hudbay Mining Ltd. (Kelsey Avenue Mtg.)

Box 200, Calgary, Alberta T2P 2H5

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed ~~1882~~ 2470

for Performance of the following work. (Check one only)

- [ ] Manual Work
- [ ] Shaft Sinking Drifting or other Lateral Work.
- [ ] Compressed Air, other Power driven or mechanical equip.
- [ ] Power Stripping
- [X] Diamond or other Core drilling
- [ ] Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
P	626278	200	P	626293	49	P	641574	86
	626279	200		626294	42		641575	86
	626280	200		636492	86			
	626281	200		636493	86			
	626289	109		636494	86			
	626290	96		636495	86			
	626291	49		641572	86			
	626292	49		641573	86			

All the work was performed on Mining Claim(s): P626278, P636494, P636495, P641573

ONTARIO ASSESSMENT FILES RESEARCH OFFICE
MAR 16 1984
RECEIVED

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

- BBS 17A diamond drill owned and operated by

  Bradley Bros. Limited,
  P.O. Box 367
  Noranda, QUEBEC

- work was performed by: Chevron Canada Resources Limited,
  1900-1055 West Hastings,
  Vancouver, B.C.

RECORDED
1 JAN 27 1984
Receipt No. C

PORCUPINE MINING DIVISION
RECEIVED
JAN 27 1984
A.M. P.M.

Date of Report	Recorded Holder or Agent (Signature)
November 10/83	G. Chabot

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

George Chabot, 310-1214 Riverside DR.

Timmins, Ontario P4R 1A4

Date Certified	Certified by (Signature)
November 10/83	G. Chabot

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nil	Nil

768 (81/3)

Ministry of Natural Resources
Ontario

Report of Work

The Mining Act

Instructions — Supply required data on a separate form for each type of work to be recorded (see table below).
— For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Name and Postal Address of Recorded Holder	Prospector's Licence No.
Hudbay Mining Ltd. Box 200, Calgary, Alberta T2P 2H5	T-300

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed ~~500~~

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
P	648306	49	P	648314	49			
	648307	49		648315	49			
	648308	49		648316	49			
	648309	49		648317	49			
	648310	49						
	648311	49						
	648312	49						
	648313	49						

All the work was performed on Mining Claim(s): P626278, P636494, P636495, P641573

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

- BBS 17A diamond drill owned and operated by:

  Bradley Bros. Limited,
  P.O. Box 367,
  Noranda, QUEBEC

- work was performed by: Chevron Canada Resources Limited,
  1900-1055 West Hastings,
  Vancouver, B.C.

PORCUPINE MINING DIVISION
RECEIVED
NOV 27 1984
A.M. P.M.

Date of Report	Recorded Holder or Agent (Signature)
November 10 /83	G. Chabot

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying	Date Certified	Certified by (Signature)
George Chabot, 310-1214 Riverside Drive, Timmins, Ontario P4R 1A4	November 10 /83	G. Chabot

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

768 (81/3)

Keith Map M-962