DIAMOND DRILLING REPORT

on the

COMET PROPERTY

November 10, 1977

1

DIAMOND DRILLING REPORT on the COMET PROPERTY

LOCATION: 5 miles West of Kamloops, B.C. Lat. 50° 40' Long. 120° 27' N.T.S. 92 I/9W

CLAIM NAMES:

MINT Fr., (L. 1342), CON VERDANT (L. 1341), IRON MASK (L. 878), COPPER QUEEN (L. 880), CIVIL Fr. (L. 1060), ERIN (L. 1066), EARNSCLIFFE Fr. (L. 1301), NORMA (L. 1302), VICTOR (L. 1340), LS 10 (L. 5627), LS 11 (L. 5626), WINTY (L. 4667), DM 61-64, 71, 73, 75, 96-99, 120, 121, and 124, DM 2, 3, and 99 Fractions, MRO 1, 2, and 10, MRO 3-8, 12, and 13 Fractions, RO 5, 7-26, 47-52, 61, OR 1-15, EB 3-12, AUDRA 1 Fr., DELTA 1061, BONNIE JEAN, REX 4 Fr., DEB 1-6, JAN 1-3, JAN 4-8 Fractions

WORK PERIOD: February 15 to October 31, 1977

J.D. Blanchflower, B.Sc., Kamloops, British Columbia November 10, 1977

TABLE OF CONTENTS

SUMMARY

COST STATEMENT

DRILL LOGS

Diamond Drill Hole Logs

ILLUSTRATIONS:

Location Map (1 : 50,000) Drill Hole Plan (1" = 400')

SUMMARY

The Comet property is an irregularly - shaped block of mineral claims measuring approximately 3 miles by 2.5 miles located on the western boundary of the City of Kamloops in south central British Columbia. On April 1, 1976, Canadian Superior Exploration Limited negotiated the rights of mineral exploration from the property owners: Comet Industries, Initial Developers, and Davenport Industries.

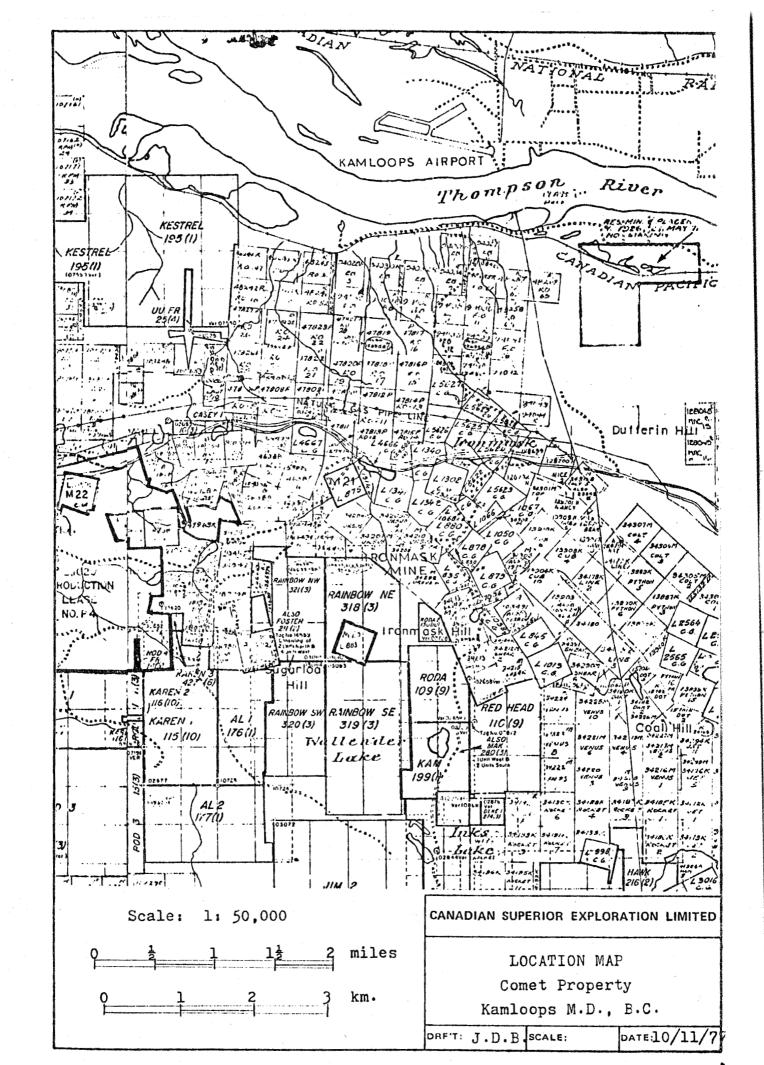
The property consists of 112 located mineral claims, 25 Crown granted mineral claims and 1 mineral lease. Ninety-nine located mineral claims and 12 Crown granted mineral claims have been grouped into the Winty, Erin, and Mint groups of mineral claims.

Previous work has included: underground mining, magnetometer surveys, I.P. surveys, geochemical surveys, geological mapping, and over 106,000 feet of combined diamond, rotary and percussion drilling.

The present property covers many old showings including Lucky Strike, Iron Mask, Erin, Larsen, Iron Cap, and DM. Copper mineralization occurs along the northeastern edge of the Upper Triassic Iron Mask batholith where either major fault structures have deformed dioritic and serpentinized basaltic rocks or where microdiorite and micromonzonite porphyry has intruded.

Typical alteration products in the area of chalcopyrite mineralization include epidote, chlorite, potassic feldspar and albite.

During 1977 Canadian Superior undertook a diamond drilling program involving 34 diamond drill holes totalling 18,841 feet or 5,727.6 meters. The purpose of this program was to evaluate known mineralized showings and test anomalous areas not previously drilled. Work was contracted to J.T. Thomas Diamond Drilling Limited. Total cost of the project for 1977 is \$203,697.50.



0

 \bigcirc

COST STATEMENT

In support of an Affidavit on Application to Record Work on the Winty, Erin, and Mint groups of mineral claims, Kamloops Mining Division.

Diamond Drilling costs from February 15 to October 31, 1977.

Diamond Drilling

a)	BQ:	7,107 feet @ \$10.50 / ft.	\$ 74,623.50
ъ)	NQ:	11,734 feet @ \$11.00 / ft.	\$129,074.00
	Tota	l Direct Diamond Drilling Cost	\$203,697.50

Diamond Drilling to be applied, as follows:Winty Group\$ 9,300.00Erin Group\$ 47,100.00Mint Group\$ 51,200.00Total Applied Diamond Drilling Cost\$107,600.00

CERTIFICATE

I, J. Douglas Blanchflower, of the City of Kamloops, in the Province of British Columbia, do hereby certify:

That I am a practicing Geologist and employed by Canadian Superior Exploration Limited, with offices located at 2201 - 1177 West Hastings Street, Vancouver, British Columbia.

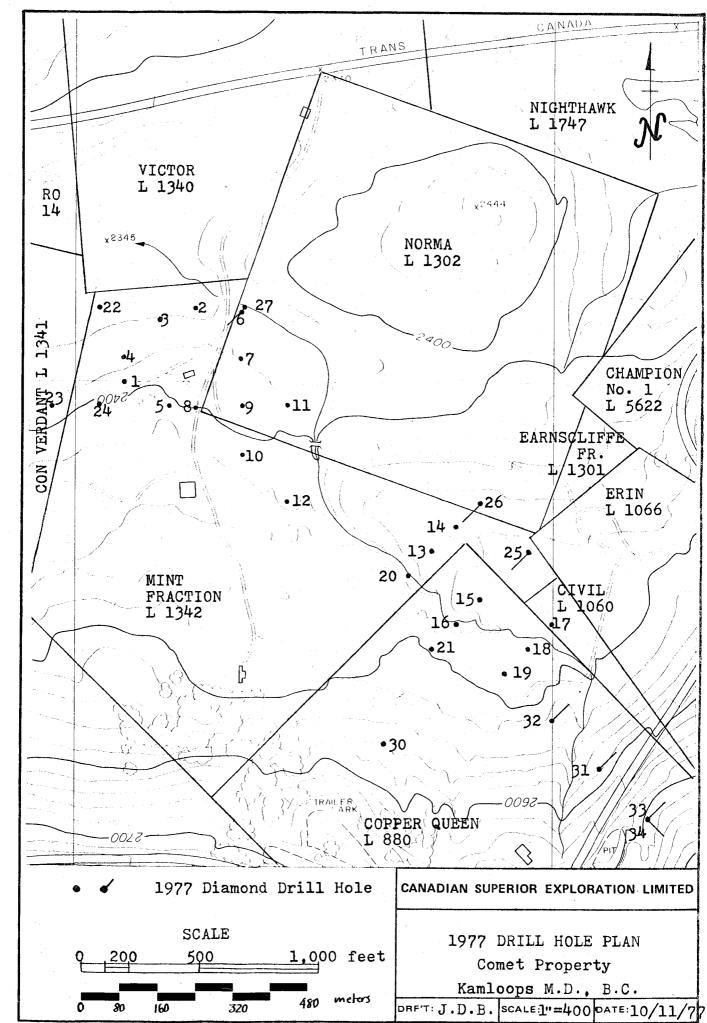
I further certify:

- 1. That I am a graduate of the University of British Columbia (1971) and hold a B. Sc., degree in Geology.
- 2. I have been practising my profession for the past six years.
- 3. This report is based on information obtained by the writer from personal supervision of the diamond drill program.

aweh

J.D. Blanchflower, B.Sc., Geologist

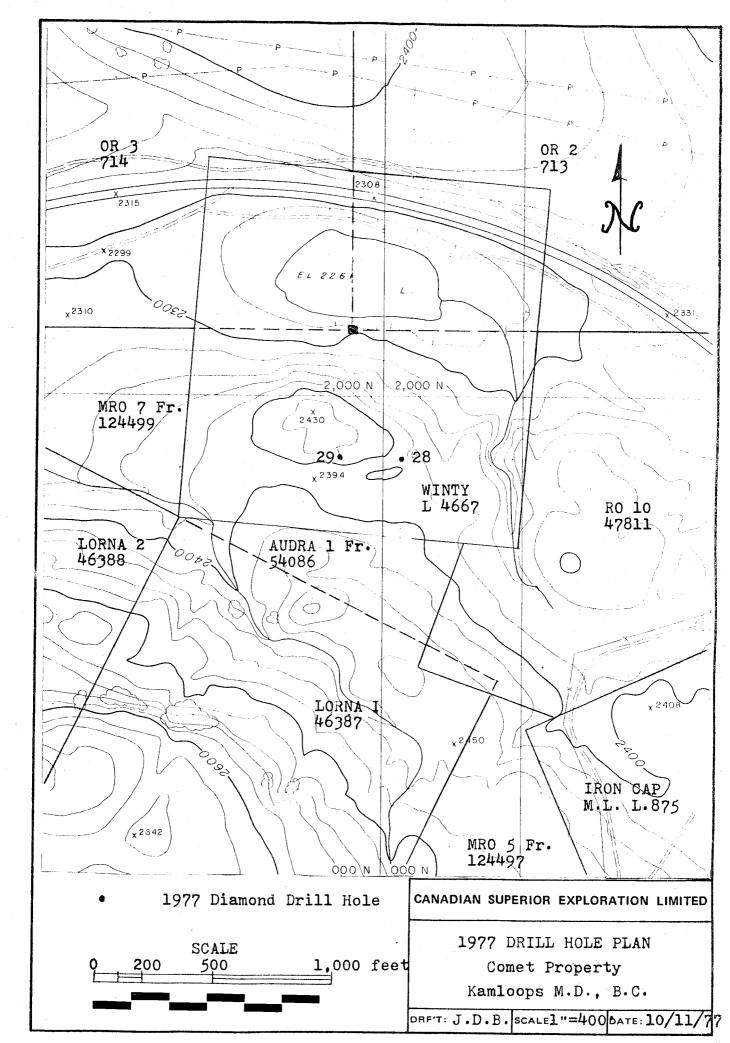
Kamloops, B.C. November 10, 1977



0

 \bigcirc

-



Ο

 \mathbf{O}

2



	D.D.H. 77-1	Hole No.:	BQ	Hole Size:		MET	CC	Project:		
					on	nt Fractio	Mi	Claim No.: _		
So	-2,386.4-ft	Collar Elevation:	Longyear 38	Type Drill:	, 1977	bruary 15	:Fe	Date Started		
· · · · · · · · · · · · · · · · · · ·					ased To 23 ft. or 7 m asing Pulled: Yes \square No \square					
Ea	201.4	Departure:	J.D. Blanchflower	Logged By:	total Depth:406 ft. or 123.75 m.Cased To23 ft. or 7 m.Casing Pulled: Yes X No \Box Dip and Azimuth Tests:Acid Test at 406' : -87					
·····	-90 ⁰	Inclination:	of	Sheet No	m.	ft. or 7	23	Cased To		
· · · · · ·		Bearing:	Comet Warehouse				:Yes 🖾	Casing Pulled		
				<u> </u>	est at 400	Acid Te	nuth Tests: _	Dip and Azim		
INTERVA SAMPLE		EMARKS	GEOLOGIC DESCRIPTION AND F	•	% RECOVERY	THICKNESS	то	FROM		
				verburden		23'	23'	0		
	Kf veining	ritized with minor	orite - pervasively sauss	herry Creek monzod		282'	305'	231		
		nzodiorite.	crite and Cherry Creek m	recciated zone of		81				
			serpentinized basalt.	icrite – dark gree		41	317'	313'		
		nzonite.	crite and Cherry Creek m	recciated zone of		25'	342'	317'		
			ark green, sheared basalt	icrite - light to		641	4061	3421		
		:	:. or 123.75 m.	nd of Hole at 406						
		· · ·	·							
		• •		· · · ·						
+		· · · · · · · · · · · · · · · · · · ·		°		1				

Project:	co	MET	<u></u>	Hole Size:	BQ	Hole No.:	D.D.H. 77-2	
Claim No.: _	Mi	nt Fracti	on	· · · · · · · · · · · · · · · · · · ·				
Date Started	Fe	bruary 17	, 1977	Type Drill:	Longyear 38	Collar Elevation:	2,354.1 ft.	·····
Date Comple	ted. Fe	bruary 18	, 1977	Contractor:	J.T. Thomas	Latitude:	298.6	North
Total Depth:	52	9.5 ft. o	r 161.4 m	• Logged By:	J.D. Blanchflower	Departure:	500.7	East
Cased To	25	ft. or 7	.62 m.	Sheet No.	1of1	Inclination:	-90 ⁰	
-	l: Yes 🖾		est at 50	Core Stored At: _ D ft. : -88.5 ⁰	Comet Warehouse	Bearing:		
FROM	TO	THICKNESS	% RECOVERY		GEOLOGIC DESCRIPTION AN	D REMARKS		INTERVAL SAMPLED
0	25'	25'		Overburden				
25'	177'	152'		Cherry Creek monzodio	rite to micromonzonite	- locally albitized		
177'	180'	3'		Picrite - dark green,	serpentinized basalt.			
180'	1941	14"		Cherry Creek monzodion	rite - intensely albit	ized		
194'	1981	41	· · · ·	Picrite - drk. green/t	black with calcite vei	ning	••	
1981	200'	2'		Cherry Creek monzodio	rite - intensely albit	ized.		
200'	529.5'	329.5'		Picrite - drk. green/h	black, locally serpent	inized	· ·	
				End of Hole at 529.5 t	ft. or 161.4 m.			
							· · · · · · · · · · · · · · · · · · ·	

Project:		COMET			_ Hole Size:	NQ			Hole No.:	D.D.H. 77-3	:
Claim No.: _		Mint F	raction		- -						
Date Started	•	Februa	ry 18, 19	77	Type Drill:	Long	year <u>38</u>	-	Collar Elevatio	n:	
Date Comple	No.: Mint Fraction Nate Started: February 18, 1977 Type Drill: Longyear 38 Collar Elevation: 2,357.8 ft. Nate Completed: February 20, 1977 Contractor: J.T. Thomas Latitude: 256.8 Solal Depth: 504 ft. or 153.62 m. Logged By: J.D. Blanchflower Departure: 351.6 iased To 16 ft. or 4.88 m. Sheet No. 1 Iaising Pulled: Yes & No D Core Stored At: Comet Warehouse Bearing: Bearing: Dip and Azimuth Tests: Acid test at 504 ft. : -87° FROM TO THICKNESS % RECOVERY 0 16' 16' 16' Overburden 16' 141' 125' Cherry Creek microdiorite/monzodiorite - moderately saussuritized							North			
Total Depth:		<u> </u>	<u>or 153.</u>	62 m.	Logged By:	J.D.	Blanchflowe	<u>r</u>	Departure:	351.6	East
Cased To		16 ft.	or 4.88	m .	Sheet No.	1	of	1	Inclination:	-90 ⁰	
-				J. 54 . 9		Come	t Warehouse	an a	Bearing:		
		THICKNESS	%		<u> </u>	GEOLO			BKS		INTERVAL
			RECOVERY								SAMPLED
0	16'	16'		Overburde	n						
16'	141'	125'		Cherry Cr	eek microdi	.orite/n	nonzodiorite	- moderatel	y saussurit	ized	
141'	1 77'	36'		Picrite -	dark green	, well	sheared bas	alt		·····	
177'	2541	77'		Cherry Cr	eek monzodi	orite -	- saussuriti	zed with lat	er albite v	eining	
254'	5041	250'		<u>Picrite i</u>	ntruded by	Cherry	Creek monzo	<u>diorite dyke</u>	s		
				End of Ho	<u>le at 504 f</u>	t. or	153.62 m.			· · · · · · · · · · · · · · · · · · ·	
					· · · · · · · · · · · · · · · · · · ·						-
						<u></u>		·····	·		
						······				· .	



Project:	C	OMET			Hole Size:	NQ	Hole No.:	D.D.H. 77-4	
laim No.:	M	int Fracti	lon				,		
Date Started	:Fe	ebruary 20) , 1977		Type Drill:	Longyear 38	Collar Elevation: _	2,372.66 ft.	
Date Comple	eted:Fe	ebruary 22	2, 1977		. Contractor:	J.T. Thomas	Latitude:	96.2	
otal Depth:	tal Depth: 502 ft. or 153.0 m. sed To 20 ft. or 6.1 m. sing Pulled: Yes X No I					J.D. Blanchflower	Departure:	202.2	East
Cased To	20	Oft. or 6	5.1 m.		Sheet No	1of1	Inclination:	-90°	· · ·
	I: Yes 🛛		est at 50	2': -90 ⁰	Core Stored At:	Comet Warehouse	Bearing:		
FROM	TO	THICKNESS	0/			GEOLOGIC DESCRIPTION AND	REMARKS		INTERVA SAMPLE
0	20'	20'		Overburde	n				
20'	2581	2381		Cherry Cr	eek monzodi	<u>orite - saussuritized wi</u>	th Kf veining		
2581	5021	2441		Picrite -	dark green	/black, well sheared bas	alt		
		-		End of Ho	<u>le_at_502_f</u>	t. or 153.0 m.		/	
						·			
				- -					
					-			-	
		· · · · · · · · · · · · · · · · · · ·							
					· · · · · · · · · · · · · · · · · · ·		· · ·		



Project:	C	OMET	· · · · · · · · · · · · · · · · · · ·	Hole Size: NQ Hole No.:	D.D.H. 77-5	
Claim No.: _	M	int Fract	ion			
Date Started	F	ebruary 22	2, 1977	Type Drill: Longyear 38 Collar Elevation	: 2,405.9 ft.	
Date Comple	eted:F	ebruary 2 ¹	4, 1977	Contractor: J.T. Thomas Latitude:	102.5	Sout
Total Depth:				Logged By: J.D. Blanchflower Departure:		East
Cased To	4	7 ft. or 3	14.33 m.	Sheet No I Inclination:	-90 [°]	
Casing Pulled	I: Yes 🕅 nuth Tests: -	No 🗆		Core Stored At: <u>Comet Warehouse</u> Bearing: 7': -88.5 ⁰		
FROM	TO	THICKNESS	0/	GEOLOGIC DESCRIPTION AND REMARKS		INTERVAL SAMPLED
0	47'	47'		Overburden		
47'	<u>323'</u>	276'		Cherry Creek monzodiorite - saussuritized with anhydrite vein:	ing	
323'	477'	154'		Picrite - dark green/black, serpentinized basalt		
				End of Hole at 477 ft. or 145.4 m.		
					-	
						· ·
						7
		-				



C	OMET		Hole Size:BQHole No.:BQ	I. 77-6
No	orma			
Fe	ebruary 2 ^L	+, 1977	Type Drill: Longyear 38 Collar Elevation:2,361	.l ft.
ted: <u>F</u>	ebruary 26	5, 1977	Contractor: J.T. Thomas Latitude: 290.2	
5	44 ft. or	165.8 m.	Logged By: J.D. Blanchflower Departure: 697.8	East
5	5 ft. or]	16.76 m.	Sheet No 1 of 1 Inclination:90 ⁰	· · · · · · · · · · · · · · · · · · ·
				<u></u>
uth Tests: _	Acid 1	1	4 It. : -90	
то	THICKNESS	1	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
55'	55'		Overburden	
123'	68 '		Picrite with minor Cherry Creek monzodiorite dykes	
1441	21'		Cherry Creek monzonite - poorly altered	
523'	379'		Picrite - dark green/black, well sheared basalt	· · · · · · · · · · · · · · · · · · ·
5441	21'		Cherry Creek monzodiorite - very minor Ep, Cl veining	
			End of Hole at 544 ft. or 165.8 m.	
• •				
			,	-
t	No Fo ted: Fo 50 51 52 51 123' 144' 523'	Norma February 24 ted: February 26 544 ft. or 55 ft. or : Yes IX No □ nuth Tests: Acid ft TO THICKNESS 55' 55' 123' 68' 144' 21' 523' 379' 544' 21'	Norma February 24, 1977 ted: February 26, 1977 544 ft. or 165.8 m. 55 ft. or 16.76 m. 55 ft. or 16.76 m. : Yes IX No □ huth Tests: Acid test at 54 TO THICKNESS % RECOVERY 55' 55' 123' 68' 144' 21' 523' 379' 544' 21'	Norma Type Drill: Longyear 38 Collar Elevation: 2,361 ted: February 26, 1977 Contractor: J.T. Thomas Latitude: 290.2 544 ft. or 165.8 m. Logged By: J.D. Blanchflower Departure: 697.8 55 ft. or 16.76 m. Sheet No. 1 of 1 Inclination: -90° : Yes 1% No □ Core Stored At: Comet Warehouse Bearing:

DRILL LOG

.

Project:	С	OMET		Hole Size:BQHole No.:D.D.H. 77-7	
Claim No.:	N	orma			
Date Started	:M	arch 2, 1	977	Type Drill: Longyear 38 Collar Elevation: 2,372.2 ft.	·····
Date Comple	eted: <u>M</u>	arch 3, 1	977	Contractor: J.T. Thomas Latitude: 101.1	
Total Depth:		Ol_ft.or	183 . 19 m	Logged By: J.D. Blanchflower Departure: 698.2	Eas
Cased To	5	0 ft. or 3	15.24 m.	Sheet No 1 Inclination:90 ⁰	
Casing Pulled	l: Yes 🖾	No 🗆		Core Stored At: <u>Comet Warehouse</u> Bearing:	. <u> </u>
Dip and Azir	nuth Tests: _	Acid	test at 6	Dl ft. : -90°	
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	50'	50'		Overburden	
50'	4411	391'		Cherry Creek monzodiorite/micromonzonite - locally biotitized	
<u>44</u> 11	4561	15'		Picrite xenoliths within mafic-rich Cherry Creek diorite	
4561	6011	145'		<u>Cherry Creek monzodiorite/micromonzonite - minor Kf veining</u>	
				End of Hole at 601 ft. or 183.19 m.	· ·





Project:	C	OMET		Hole Size: BQ		Hole No.:	D.D.H. 77-8	
Claim No.: _	<u>M</u>	lint Fract	ion					
Date Started	M	larch 3, 1	977	Type Drill: Longye	ear 38	Collar Elevation: _	2,398.2 ft.	
Date Comple	eted: <u>M</u>	larch 5, 1	977	Contractor: J.T. [Thomas	_ Latitude:	101.1	South
Total Depth:				Logged By: J.D. 1				East
Cased To		5 ft. or			of			
Casing Pulled Dip and Azin			test at 4	Core Stored At: <u>Comet</u> ft. : -87 ⁰	Warehouse	Bearing:		
FROM	TO	THICKNESS	% RECOVERY		IC DESCRIPTION AND REMAI	RKS		INTERVAL SAMPLED
0	35'	35'		verburden				
35'	178'	143'		herry Creek monzodiorite/mic	cromonzonite - very po	orly altered		
178'	188'	10'		icrite - intensely sheared (5				
188 י	2041	16'		herry Creek monzodiorite - i	intensely sheared with	Kf. Ca infill	ing	
2041	213'	91		icrite - dark green basalt w				
213'	218'	51		herry Creek diorite - very r			- -	
218'	472'	2541		icrite - dark green/grey, lo	•	salt		
		-		nd of Hole at 472 ft. or 143		······		-



đ.

CANADIAN SUPERIOR EXPLORATION LIMITED

Project:	C	OMET		Hole Size: NQ (0-380'), BQ (380'-875') Hole No.: D.D.H. 77-9	
Claim No.: _	No	orma			
Date Started:	Ma	arch 5, 19	977	Type Drill: Longyear 38 Collar Elevation: 2,383.8 ft.	
Date Comple	ted: <u>Ma</u>	arch 8, 19	977	Contractor: J.T. Thomas Latitude: 102.8	Sout
Total Depth:		75 ft. or	266.7 m.	Logged By: J.D. Blanchflower Departure: 702.0	East
Cased To	30) ft. or 9	9.14 m.	Sheet No 1 of 1 Inclination:90 ⁰	
Casing Pulled		No □ Acid t	est at 8'	Core Stored At: <u>Comet Warehouse</u> Bearing: 75 ft.: -90 ⁰	
FROM	то	THICKNESS	% RECOVERY		INTERVAL SAMPLED
0	30'	30'		Overburden	
30'	199'	169'		Cherry Creek monzodiorite/micromonzonite - locally albitized	
<u>199'</u>	<u>219'</u>	20'		Picrite - dark green to black, poorly fractured basalt	
219'	255'	36'		Cherry Creek micromonzonite - locally biotitized	
255'	875'	620'		Picrite - dark green (sheared and serpentinized) to black basalt	
				End of Hole at 875 ft. or 266.7 m.	
	· .				
	1				
			:		
					1



9

CANADIAN SUPERIOR EXPLORATION LIMITED

Project:	C	OMET		Hole Size: NQ Hole No.: D.D.H. 77	-10
Claim No.: _	M	int Fract	ion		
Date Started	M	arch 9, 1	977	Type Drill: Longyear 38 Collar Elevation: 2,406.0 f	t
Date Comple				Contractor: J.T. Thomas Latitude: 303.8	South
Total Depth:				Logged By: J.D. Blanchflower Departure: 701.3	East
Cased To		0 ft. or 3			
Casing Pulled	I: Yes □	No 🖾		Core Stored At: <u>Comet Warehouse</u> Bearing:	· · · · · · · · · · · · · · · · · · ·
Dip and Azim	nuth Tests: _	Acid	test at 6	$5 \text{ft.} : - 88.5^{\circ}$	· · · · · · · · · · · · · · · · · · ·
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	10'	10'		Overburden .	
10'	132'	122'		Cherry Creek monzodiorite - well saussuritized and locally albitized	
1321	645'	513'		Picrite - dark green to black basalt	
				End of Hole at 645 ft. or 196.6 m.	
5. 					· · · · · · · · · · · · · · · · · · ·



Project:	C	OMET		Hole Size: NQ Hole No.: D.D.H. 77-11	
Claim No.: .	N	orma			
Date Started	l:M	arch 11,	1977	Type Drill: Longyear 38 Collar Elevation: 2,386.7 ft.	
Date Comple	eted:M	arch 13,	1977	Contractor: J.T. Thomas Latitude: 103.6	South
Total Depth	:7	14 ft. or	217.63 m	Logged By:J.D. BlanchflowerDeparture:897.3	East
Cased To	7	6 ft. or 2	23.17 m.	Sheet No 1 of 1 Inclination:90 ⁰	
Casing Pulled	d: Yes 🖄	No 🗆		Core Stored At:Comet WarehouseBearing:	
Dip and Azir	nuth Tests:	Acid	test at 7	14 ft. : -88.5°	
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	76'	76'		Overburden	
761	229'	153'		Picrite - dark grey to black, poorly fractured basalt	
229'	359'	130'		Cherry Creek monzodiorite/micromonzonite - locally biotitized	
359'	5481	189'		Picrite - black basalt, locally well veined with gypsum	7
5481	714'	166'		Cherry Creek micromonzonite - locally well veined with Kf and Ca	
				End of Hole at 714 ft. or 217.63 m.	
· .					
-				•	



Project:	С	OMET		Hole Size: NQ Hole No.: D.D.H. 77-12	5
•				Hole Size: Hole No.: Hole No.:	.
laim No.: _	M	int Fracti	Lon		
Date Started	I:M	arch 13,]	1977	Type Drill: Longyear 38 Collar Elevation:2,417.1 ft.	<u></u>
Date Comple	eted:M	arch 17, 1	1977	Contractor: J.T. Thomas Latitude: 500.3	Sout
fotal Depth	:7	05 ft. or		Logged By: J.D. Blanchflower Departure: 903.5	East
ased To				Sheet No 1 Inclination:90 ⁰	
	d: Yes 🖾		hast st 7	Core Stored At: <u>Comet Warehouse</u> Bearing: <u>Bearing</u> : <u>Comet Warehouse</u> Bearing: <u>Comet Warehouse</u>	
	nuth Tests: _	T	0/		
FROM	то	THICKNESS	RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	76'	76'		Overburden	
		•			
76'	80'	41		Cherry Creek monzodiorite - mafic-rich	
801	169'	89'	-	Picrite - dark green (serpentinized) to black basalt	
169'	200'	31'		Cherry Creek diorite dyke - dark green, aphanitic	
200'	705'	505!		Picrite - dark green/black basalt intruded by minor dioritic dykes	
				End of Hole at 705 ft. or 214.88 m.	
-					

Project:	C	OMET		Hole Size:	BQ	Hole No.:	D.D.H. 77-13	
Claim No.:	M	int Fract	ion	·				
Date Started:	A	pril 30,	1977	Type Drill:	Longyear 38	Collar Elevation:	2,468.4 ft.	Sout
Date Complet	ted:M	ay 2, 197	7	Contractor:	J.T. Thomas	Latitude:	703.2	
Total Depth:	6	23 ft. or	189.89 m	Logged By:	J.D. Blanchflower	Departure:	1,500.4	East
Cased To		4 ft. or	25.6 m.	Sheet No.	of1	Inclination:	-90 ⁰	
Casing Pulled			test at 6		t: <u>Comet Warehouse</u>	Bearing:		
FROM	TO	THICKNESS	0/	2 <u>3</u> ft. : - 87 ⁰	GEOLOGIC DESCRIPTION A	ND REMARKS		INTERVAL SAMPLED
0	841	84,		Overburden				
841	4161	332'		Cherry Creek monzod	iorite and micromonzoni	te - pervasive saussu	ritization	
4161	6231	207'		Picrite intruded by r	many mafic-rich Cherry	Creek monzodiorite dy	kes	
				End of Hole at 623 :	ft. or 189.89 m.			
	·····	· · ·						-
	· ·				· · · · · · · · · · · · · · · · · · ·	· ·		· · · · · · · · · · · · · · · · · · ·
	:	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		· ·		
						•	·	
	_	<u>^</u>		4				

DRILL LOG

C	OMET	······································	Hole Size: BQ Hole No.: D.D.H. 77-1	4
M	int Fract	ion		
M	lay 2, 197	7	Type Drill: Longyear 38 Collar Elevation:2,473.0 ft.	
eted:M	ay 3, 197	7	Contractor: J.T. Thomas Latitude: 601.7	South
				East
	4 ft. or ;	22. <u>55 m</u> .	Sheet No 1 Inclination:90 ⁰	··
d: Yes 🗆	No 🛛		Core Stored At: <u>Comet Warehouse</u> Bearing:	······································
nuth Tests: _	Acid	test at 6	4 ft. : -88.5°	
то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
741	74'		Overburden	
258'	184'		Cherry Creek monzodiorite - variably saussuritized and albitized	
565'	307'		Picrite - dark green to black basalt with gypsum veining	
6041	39'		Cherry Creek monzodiorite - Kf and Anhydrite veining	
			End of Hole at 604 ft. or 184.1 m.	
:				
	M eted:M eted:M f: Yes □ nuth Tests: _ TO 74' 258' 565'	May 2, 197 eted:May 3, 197 604 ft. or 74 ft. or 84 ft. or 74 ft. or 75 ft. or 76 ft. or 77 ft.	Mint Fraction May 2, 1977 eted: May 3, 1977 eted: May 3, 1977 eted: May 3, 1977 604 ft. or 184.1 m. 74 ft. or 22.55 m. 74 ft. or 22.55 m. 74 ft. or 22.55 m. 1: Yes No \square muth Tests: Acid test at 60 TO THICKNESS % RECOVERY 74' 74' 74' 258' 184' 565' 307' 604' 39' 9'	Mint Fraction Mint Fraction May 2, 1977 Type Drill: Longyear 38 Collar Elevation: 2,473.0 ft. May 3, 1977 Contractor: J.T. Thomas Latitude: 601.7 604 ft. or 184.1 m. Logged By: J.D. Blanchflower Departure: 1,601.9 74 ft. or 22.55 m. Sheet No. 1 of 1 Inclination: -90°

Project:	C	OMET			Hole Size:	BQ	<u> </u>	Hole No.: _		D.D.H. 77-15	
Claim No.: _	c	opper Que	en								
Date Started	:M	ay 3, 197	7		Type Drill:	Longy	ear 38		ation: _	2,479.5 ft.	
Date Comple	eted:M	ay 5, 197	7		Contractor:	J.T.	Thomas	Latitude:		903.5	South
Total Depth:		14 ft. or			Logged By:			Departure:			East
Cased To	-	5 ft. or 2			Sheet No.	_		Inclination		0	
Casing Pulled	l:Yes 🗆	No DX			Core Stored At: _	Comet	Warehouse	Bearing:			
Dip and Azin	nuth Tests: _	Acid	test at 7	14 ft. : -9	90 ⁰					· · · · · · · · · · · · · · · · · · ·	
FROM	ТО	THICKNESS	% RECOVERY			GEOLOG	IC DESCRIPTION A	ND REMARKS			INTERVAL SAMPLED
0	75'	75'		Overburden	<u>1</u>						
75'	411'	336'	· · · · · · · · · · · · · · · · · · ·	Cherry Cre	eek/Pothook n	nonzodi	orite - locall	y albitized			
411'	430'	19'		Picrite -	light green/	/grey,	well-sheared b	asalt			
430'	452'	22'		Cherry Cre	ek monzodion	rite -	with gypsum ve	ining			
4521	4881	361	-	Picrite -	dark grey to	black	basalt with g	ypsum veining			
4881	4981	10'		Pothook di	lorite - mafi	lc-rich	diorite dyke				
4981	5641	661		Picrite -	dark grey to	black	basalt with g	ypsum fracturing	infil	ling	
5641	614'	50'		Cherry Cre	eek monzodior	rite -	mafic-rich (Hb), gypsum veining		· · · ·	
614'	651	37'		Cherry Cre	eek/Pothook n	nonzodi	orite - gypsum	, biotite veining			
651'	714'	63'		Black Picr	rite with sev	ve ra l m	inor Cherry Cr	eek monzonite dyk	es		
			-	End of Hol	e at 714 ft.	or 21	7.63 m.		•	· · · · · · · · · · · · · · · · · · ·	



Project:	C	OMET		Hole Size:	BQ		Hole No.:	D.D.H. 77-16	
Claim No.: _	C	opper Que	en						
Date Started:	M	ay 5, 197	7	Type Drill	:Lon	gyear 38	Collar Elevation: _	2,478.1 ft.	
Date Comple	ted:M	<u>ay 6, 197</u>	7	Contracto	r:J_T	. Thomas	Latitude:	1,004.4	South
Total Depth:		55 ft. or	169.16 m	• Logged By	/:J_D	. Blanchflower	Departure:	1,5%.0	East
Cased To	7	5 ft. or 3	22.86 m.	Sheet No.	l	of1	Inclination:	-90°	
Casing Pulled Dip and Azim		No 🖾 Acid	test at 5	Core Store 55 ft. : -88.5 ⁰	ed At: <u>Com</u> e	et Warehouse	Bearing:		
FROM	то	THICKNESS	% RECOVERY		GEOL	OGIC DESCRIPTION AN	ND REMARKS		INTERVAL SAMPLED
0	75'	75'		Overburden					
75'	119'	441		Picrite - dark g	rey/black	pasalt with Gy fr	acture fillings		
119'	351'	2321		Cherry Creek/Potl	nook diorif	te/monzodiorite -	<u>- pervasive saussuriti</u>	zation	
351'	430'	79'	\ 	Picrite - dark g	ey to blac	ck basalt with in	itense Gy veining		
430'	540'	110'		Cherry Creek/Poth	100k diorit	te/monzodiorite -	well albitized		
540'	<u>555'</u>	<u>15'</u>		Pothook Diorite -	- Ep and/or	r Kf veining			
				End of Hole at 5	<u>55 ft. or 1</u>	169.16 m.		· · · · · · · · · · · · · · · · · · ·	
			· ·						
		-							



Project:	C	OMET		Hole Size:BQ	Hole No.:	D.D.H. 77-17	
Claim No.: .	C	ivil	•				
Date Started	l:Ma	ay 6, 1977	7	Type Drill: Longyear 38	Collar Elevation:	2,490.5 ft.	
Date Comple	eted:M	ay 7, 1977	7	Contractor: J.T. Thomas	Latitude:	1,002.4	Sout
Total Depth	:4:	14 ft. or	126 . 19 m	Logged By:J.D. Blanchflower	Departure:	1,996.4	East
Cased To	5'	7 ft. or]	L7.37 m.	Sheet No of	Inclination:	-90 [°]	
Casing Pulled	d: Yes 🗆	No 🖾		Core Stored At: <u>Comet Warehouse</u>	Bearing:		
Dip and Azir	muth Tests: _	Acid t	test at 4	L4 ft. : -90°			
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REM	IARKS		INTERVAL SAMPLED
0	57'	57'		Overburden			
	187'	130'		<u>Cherry Creek/Pothook diorite to monzodiorite - lo</u>	ocally albitized	L	
187'	2561	69'	· _ ·	Picrite - dark green (serpentinized) to black bas	salt		
2561	269'	13'		Cherry Creek diorite dyke - with intense Gy veini	ing		
269'	2751	6'		Black Picrite - intensely sheared basalt			
275'	414*	139'		Cherry Creek monzodiorite/monzonite - poorly frac	ctured		
· · · · ·				End of Hole at 414 ft. or 126.19 m.			
							-
	-					· · · ·	
							· · · · · · · · · · · · · · · · · · ·



Project:	C	OMET	·····		_ Hole Size:	BQ	Hole No.:	D.D.H. 77-18	
Claim No.: _	C	opper Que	en		-				
Date Started	:M	ay 7, 197	7		Type Drill:	Longyear 38	Collar Elevation:	2,490.1 ft.	
Date Comple	eted: <u>M</u>	ay 8, 197	7		_ Contractor:	J.T. Thomas	Latitude:	1,104.6	South
Total Depth:	3	61½ ft.or	110.18 m	<u>.</u>	Logged By:	J.D. Blanchflower	Departure:	1,898.9	East
Cased To	6	0 ft. or 3	18.29 m.		Sheet No.	1of1		-90°	
-	i: Yes 🛛					Comet Warehouse	Bearing:	· · · · · · · · · · · · · · · · · · ·	
Dip and Azin	nuth Tests: _	Acid	test at 3	61 ft. : -	.88 • 5°				
FROM	то	THICKNESS	% RECOVERY	-		GEOLOGIC DESCRIPTION	AND REMARKS		INTERVAL SAMPLED
0	60'	60'		Overburde	n			· · · · · · · · · · · · · · · · · · ·	
60'	361½'	301½'		Picrite -	dark green/	black basalt intrude	ed by several Pothook d	/kes	
				End of Ho	<u>le at 361½ f</u>	t. or 110.18 m.		·	
				-	· · · · · · · · · · · · · · · · · · ·				
		-							4.
		L	-						
					-				



Project:	C	OMET	- 	Hole Size: NQ Hole No.: D.D.H. 77-19	<u> </u>
Claim No.: _	C	opper Que	en		
Date Started	:M	lay 8, 197	7	Type Drill:	
Date Comple	eted:M	lay 9, 197	7	Contractor: J.T. Thomas Latitude: 1,198.4	South
Total Depth:	5	03 ft. or	153.31 m	Logged By: J.D. Blanchflower Departure: 1,802.9	East
Cased To	4	0 ft. or 1	12 .1 9 m.	Sheet No I of Inclination:90 ⁰	
Casing Pulled			test at 50	Core Stored At: <u>Comet Warehouse</u> Bearing: <u></u> Bearing: <u></u> 3 ft. : -87 ⁰	
FROM	TO	THICKNESS	0/	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	40'	40'		Overburden	
40'	503'	463'		Picrite intrudes by several pyrite-rich Pothook diorite dykes	
		· · · · · ·		End of Hole at 503 ft. or 153.31 m.	
			·		





C	OMET	-	Hole Size: NQ Hole No.: D.D.H. 77-20)
M	int Fract	ion		
M	ay 9, 197	7	Type Drill: Longyear 38Collar Elevation: 2,449.6 ft.	
ted:M	ay 11, 19	77	Contractor: J.T. Thomas Latitude: 796.8	Sout
4	33 ft. or	131.98 m	• Logged By: J.D. Blanchflower Departure: 1,396.7	East
	0 ft. or ;	24.38 m.	Sheet No 1 Inclination:90 ⁰	
:Yes 🗋	No 🔯		Core Stored At: <u>Comet Warehouse</u> Bearing:	
outh Tests: _	Acid	test at 4	$33 \text{ft.} : -88.5^{\circ}$	
то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
80'	80'		Overburden	
115'	35'		Cherry Creek/Pothook diorite - pyrite-rich	
230'	115'		Picrite - dark grey/green to black basalt - intense Gy veining	
433'	203'		Cherry Creek/Pothook diorite to monzodiorite - Gy veining	
-			End of Hole at 433 ft. or 131.98 m.	
:				
	M ted:M 4 4 8 2 3 2 30' 2 3 0'	May 9, 197 ted: May 11, 19 433 ft. or 80 ft. or 80 ft. or : Yes □ No 12 nuth Tests: Acid TO THICKNESS 80' 80' 115' 35' 230' 115'	Mint Fraction May 9, 1977 ted: May 11, 1977 433 ft. or 131.98 m 80 ft. or 24.38 m. 80 ft. or 24.38 m. : Yes □ No 🕅 nuth Tests: Acid test at 4: TO THICKNESS % 80' 80' 115' 35' 230' 115'	Hole Size: Hole No.: Dittin: // 20 Mint Fraction May 9, 1977 Type Drill: Longyear 38 Collar Elevation: 2.449.6 ft. May 11, 1977 Contractor: J.T. Thomas Latitude: 796.8 433 ft. or 131.98 m. Logged By: J.D. Blanchflower Departure: 1,396.7 80 ft. or 24.38 m. Sheet No. 1 of 1 Inclination: -90° : Yes No fl Core Stored At: Comet Warehouse Bearing:

Project:	C	OMET			Hole Size:	NQ	Hole No.:	D.D.H. 77-21	
Claim No.:	C	Copper Que	en						-
Date Started:	M	lay 11, 19	77		Type Drill:	Longyear 38	Collar Eleva	tion: <u>2,489.7 ft</u>	
Date Complet	ted:M	lay 12, 19	77	•	_ Contractor:	J.T. Thomas	Latitude:	1,102.6	Sou
otal Depth:_	3	03 ft. or	92.35 m.	· · · · · · · · · · · · · · · · · · ·	_ Logged By:	J.D. Blanchflower	Departure: _	1,501.4	Ea
ased To	4	Oft. or	12.19 m.		Sheet No.		Inclination:	-90 [°]	
asing Pulled:	:Yes 🗆	No 🖾			Core Stored At:	Comet Warehouse	Bearing:		
ip and Azim	uth Tests: _	Acid	test at 3	03 ft. : -	-87 [°]				
FROM	то	THICKNESS	% RECOVERY			GEOLOGIC DESCRIPTION	N AND REMARKS		INTERVAI SAMPLED
0	40'	40'		Overburde	en				
40'	3031	2631		Picrite -	dark green	to black basalt, we	ll sheared with Gy i	nfillings	
				End of Ho	<u>le at 303 ft</u>	or 92.35 m.			
				-				······	
								· · · · · · · · · · · · · · · · · · ·	
								· · ·	
							· · · ·		
					· · ·				
		1			· · · · · · · · · · · · · · · · · · ·			· · · ·	<u> </u>

	MET		Hole Size:	NQ	Hole No.:	D.D.H. 77-22	
Mi	nt Fracti	.on					
Mə	y 12, 197	7	Type Drill:	Longyear 38	Collar Elevation: _	2,347.6 ft.	
d: Ma	y 13, 197	7	Contractor:	J.T. Thomas	Latitude:	297.6	North
50	4 ft. or	153.62 m	Logged By:	J.D. Blanchflower	Departure:	100.1	East
23	5 ft. or 7	.Ol m.	Sheet No	of1	Inclination:	-90 ⁰	
Yes 🗆	No 🖾		Core Stored At:	Comet_Warehouse	Bearing:		
th Tests: _	Acid t	est at 50	<u>4 ft. : -90°</u>				
то	THICKNESS	%		GEOLOGIC DESCRIPTION AND	DREMARKS		INTERVAL SAMPLED
21'	21'		Overburden				
65'	441		Cherry Creek monzodic	orite - moderately well	albitized		· · · ·
145'	80'	· · · · · · · · · · · · · · · · · · ·	Picrite - dark green/	/grey, intensely sheared	basalt		
175'	30'	· ·	Cherry Creek monzodic	orite - mafic-rich (Hb)		· · · · · · · · · · · · · · · · · · ·	
220'	451	· · ·	Picrite - medium gree	en, aphanitic basalt		· · · · · · · · · · · · · · · · · · ·	
399'	1 79'		Cherry Creek/Pothook	diorite to monzodiorite	- highly albitized		
421'	221		Cherry Creek monzodic	orite - intense Ep and/o	r Gy veining		
5041	831		Picrite - dark grey/h	black, gypsum-veined bas	alt		
			End of Hole at 504 ff	t. or 153.62 m.			
				· ·			
(Ma d:	May 12, 197 d: May 13, 197 504 ft. or 504 ft. or 23 ft. or 7 Yes No Ø th Tests: Acid t TO THICKNESS 21' 21' 65' 44' 145' 80' 175' 30' 220' 45' 399' 179' 421' 22'	d:	May 12, 1977Type Drill:d:May 13, 1977Contractor:504 ft. or 153.62 m.Logged By:23 ft. or 7.01 m.Sheet No.Yes \Box No \boxtimes Core Stored Atth Tests:Acid test at 504 ft. : -90°TOTHICKNESS% RECOVERY21'21'21'21'21'21'Cherry Creek monzodid145'80'Picrite - dark green,175'30'Cherry Creek monzodid20'45'Picrite - medium gree399'179'Cherry Creek monzodid504'83'Picrite - dark grey/1	May 12, 1977 Type Drill: Longyear 38 d: May 13, 1977 Contractor: J.T. Thomas 504 ft. or 153.62 m. Logged By: J.D. Blanchflower 23 ft. or 7.01 m. Sheet No. 1 of 1 Yes No Ø Core Stored At: Comet Warehouse th Tests: Acid test at 504 ft.: -90° TO THICKNESS % GEOLOGIC DESCRIPTION AND 21' 21' Overburden 65' 44' Cherry Creek monzodiorite - moderately well 145' 80' Picrite - dark green/grey, intensely sheared 175' 30' Cherry Creek monzodiorite - mafic-rich (Hb) 220' 45' Picrite - medium green, aphanitic basalt 399' 179' Cherry Creek monzodiorite to monzodiorite 421' 22' Cherry Creek monzodiorite - intense Ep and/o	May 12, 1977 Type Drill: Longyear 38 Collar Elevation: - d: May 13, 1977 Contractor: J.T. Thomas Latitude: 504 ft. or 153.62 m. Logged By: J.D. Blanchflower Departure: 23 ft. or 7.01 m. Sheet No. 1 of 1 Inclination: Yes No Ø Core Stored At: Comet Warehouse Bearing:	May 12, 1977 Type Drill: Longyear 38 Collar Elevation: 2,347.6 ft. d: May 13, 1977 Contractor: J.T. Thomas Latitude: 297.6 504 ft. or 153.62 m. Logged By: J.D. Blanchflower Departure: 100.1 23 ft. or 7.01 m. Sheet No. 1 of 1 Inclination: -90° Yes No Ø Core Stored At: Comet Warehouse Bearing:

DRILL LOG

.

Project:	CC	MET		Hole Size:NQ	Hole No.:	D.D.H. 77-23	
Claim No.:	Co	on Verdant	C		· .		
Date Started:	Ma	ay 13, 197	77	Type Drill: Longyear 38	Collar Elevation: _	2,384.5 ft.	
Date Comple	ted: <u>M</u> a	ay 16, 197		Contractor: J.T. Thomas	Latitude:	102.4	South
Total Depth:				Logged By:J.D. Blanchflower			West
Cased To	17	7 ft. or 5	5.18 m.	Sheet No of	Inclination:	-90 ⁰	
Casing Pulled	: Yes 🛛	No 🖄		Core Stored At: <u>Comet Warehouse</u>	Bearing:		· · · · · · · · · · · · · · · · · · ·
Dip and Azim	nuth Tests: _	Acid t	cest at 5	ft. : -88.5°			
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND RE	MARKS		INTERVAL SAMPLED
0	17'	17'		verburden			
17!	87'	70'		herry Creek monzodiorite - intense Ca veining			
871	140	<u>53'</u>		<u>herry Creek monzonite/syenite - locally albitiz</u>	zed		
140'	215'	75'		herry Creek monzodiorite - Ca and/or Gy veining	5		
215'	2991	841		<u>icrite - intensely sheared plus cut by Cherry C</u>	reek dykes	·	
299'	_377 '	78'		herry Creck monzodiorite - well fractured with	Ca, Gy infilling	S	
377'	387'	10'		icrite - sheared with Gy infilling			
387'	472'	85'		herry Creek monzodiorite - Kf, Gy veining	· · · · · · · · · · · · · · · · · · ·		
4721	503 '	31'		icrite - dark grey/black, well sheared basalt w	with Ca and Gy ve	ining	
				nd of Hole at 503 ft. or 153.3 m.		· · · ·	
				_			



Project:	C	OMET		Hole Size:NQHole No.:D.D.H. 77-24	
Claim No.: _	M	int Fract	ion		
Date Started	:M	lay 16, 19	77	Type Drill: Longyear 38 Collar Elevation:2,405.9 ft.	· · · ·
Date Comple	eted:M	ay 18, 19	77	Contractor: J.T. Thomas Latitude: 101.3	
Total Depth:	6	00 ft. or	182.88 m	Logged By: J.D. Blanchflower Departure: 95.9	East
Cased To	1	0 ft. or	3.05 m.	Sheet No 1 Inclination:90 ⁰	
Casing Pullec	i: Yes 🗆	No 🖾		Core Stored At: <u>Comet Warehouse</u> Bearing:	
Dip and Azir	nuth Tests: _	Acid	test at 6	$90 \text{ft.} : -90^{\circ}$	
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	10'	10'		Overburden	
10'	101'	91'		<u> Cherry Creek Intrusive Breccia - monzonite/syenite</u>	
101	470'	3691		Cherry Creek monzodiorite/micromonzonite - Kf, Gy veining	
470'	600'	130'	· · · ·	Picrite - dark green to black, well-sheared basalt	
•				End of Hole at 600 ft. or 182.88 m.	
			-		
	- -				-
	- -				
		<u> </u>			L

CANADIAN SUPERIOR EXPLORATION LIMITED

Project:	C	OMET		Hole Size: NQ Hole No.: D.D.H.	77-25
Claim No.: _	E	rin			
Date Started	. <u>М</u>	<u>ay 18, 19</u>	77	Type Drill: Longyear 38 Collar Elevation: 2,483	0 ft.
Date Comple	ted: <u>M</u>	ay 22, 19	77	Contractor: J.T. Thomas Latitude: 704.9	Sou
otal Depth:				Logged By: J.D. Blanchflower Departure:1,894.	Eas
Cased To	1	<u>24 ft. or</u>	37.79 m.	Sheet No 1 Inclination:45 ⁰	
Casing Pulled	:Yes 🗆	No 🖾		Core Stored At: <u>Comet Warehouse</u> Bearing: <u>225⁰</u>	· · · · · · · · · · · · · · · · · · ·
ip and Azin	nuth Tests: _	Acid	test at 2	0' (-46°) , and 750' (-45°)	
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	981	98'		Overburden	
981	110'	12'		Cherry Creek diorite - pervasive saussuritization	
110'	130'	20'		Picrite - black, well-sheared basalt	
130'	750'	620'		Cherry Creek/Pothook diorite/monzonite - locally albitized	
				End of Hole at 750 ft. or 228.6 m.	
	······································				
					-

Project:	C	OMET		Hole Size:	NQ	Hole No.:	D.D.H. 77-26	
Claim No.:	N	orma	······································	n				
Date Started	:M	lay 22, 19	77	Type Drill:	Longyear 38	Collar Elevation:	2,466.7 ft.	
Date Comple	eted:M	lay 25, 19	77	Contractor:	J.T. Thomas	Latitude:	507.2	South
Total Depth:	7	24 ft. or	220,68 m	• Logged By:	J.D. Blanchflower	Departure:	1,693.5	East
Cased To	1	00 ft. or	30.48 m.	Sheet No	of1	Inclination:	-45 [°]	
Casing Pulled	I: Yes 🗆	No 🛛		Core Stored At:	Comet Warehouse	Bearing:	225 ⁰	
Dip and Azin	nuth Tests: _	Acid	test at l	00' (-42 [°]), 300' (-42				ar a *
FROM	то	THICKNESS	% RECOVERY		GEOLOGIC DESCRIPTION	AND REMARKS		INTERVAL SAMPLED
0	100'	100'		Overburden				
100'	138'	381		Cherry Creek diorite	- saussuritized and	locally albitized		
138'	7241	5861		Cherry Creek/Pothook	diorite/monzonite -	Kf, Gy, and Ca veining		
				End of Hole at 724 f	t. or 220.68 m.			
					· · · · · · · · · · · · · · · · · · ·			
					· · ·			
					•			
	· · ·					· · · · · · · · · · · · · · · · · · ·		
			·	·····				J



Project:	C	OMET		Hole Size:NQ Hole No.:D.D.H. 77-27						
Claim No.: _	N	orma								
Date Started	:M	ay 25, 19	77	Type Drill: Longyear 38 Collar Elevation:2,360.1	<u>ft.</u>					
Date Comple	ted: <u>M</u>	ay 27, 19	77	Contractor: J.T. Thomas Latitude: 303.8	North					
Total Depth:	6	51 ft. or	198.42 m	Logged By:J.D. Blanchflower Departure:703.7	Eas					
Cased To	6	5 ft. or 3	19 <u>.81 m.</u>	Sheet No 1 of 1 Inclination:45 ⁰						
Casing Pulled	:Yes 🗆	No 🕅		Core Stored At: <u>Comet Warehouse</u> Bearing: <u>225⁰</u>						
Dip and Azin	nuth Tests: _	Acid	test at l	$00' (-45^{\circ}), 300' (-45^{\circ}), and 651' (-44^{\circ})$						
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED					
0	65'	65'		Overburden						
651	101'	36'		Cherry Creek monzodiorite - minor Ca and/or Kf veining						
101'	130'	29'		Picrite - intensely sheared, dark green to black basalt						
130'	2881	158'		Cherry Creek diorite - saussuritized and albitized						
2881	380'	921		Cherry Creek monzonite - saussuritized plus Kf and/or Ca veining						
380'	455'	75'		Cherry Creek diorite - saussuritized and albitized						
4551	651'	196'		Picrite - dark green to black, well-sheared basalt						
				End of Hole at 651 ft. or 198.42 m.						
	:									



Project:	0	COMET	·		Hole Size:	BQ	Hole No.:	D.D.H. 77-28	
Claim No.: _	h	Vinty			-				
Date Started:	:\$	September	15, 1977		Type Drill:	Longyear 38	Collar Elevation:	2,377.3 ft.	
Date Comple	ted:S	September	15, 1977		_ Contractor:	J.T. Thomas	Latitude:	1,741.6	North
Total Depth:	5	512 ft. or	156.06 m	e	Logged By:			4,509.5	West
Cased To.	6	5 ft. or 3	19.81 m.		Sheet No	of	Inclination:	-90°	
Casing Pulled Dip and Azim			test at 5	12 ft. : -	Core Stored At	: <u>Comet Warehouse</u>			
FROM	то	THICKNESS	% RECOVERY			GEOLOGIC DESCRIPTION AN	DREMARKS		INTERVAL SAMPLED
0	65'	65'		Overburde	n	· · · · · · · · · · · · · · · · · · ·		·	
65'	512'	447'		Cherry Cr	eek monzodi	orite/monzonite - pyrite	e-rich		
				End of Ho	<u>le at 512 f</u>	t. or 1.56.06 m.			
				· · · · · · · · · · · · · · · · · · ·					
	-							~	
							-		
					······································				
									<u> </u>
	Hanne								
					- · ·				.

(OMET		Hole Size:BQHole No.:D.D.H. 77-29	
h	linty			
	September	15, 1977	Type Drill: Longyear 38 Collar Elevation: 2,400.1 ft.	
ted:	September	17, 1977	Contractor: J.T. Thomas Latitude: 1,749.9	Nort
7	392 ft. or	119.48 m	• Logged By: J.D. Blanchflower Departure: 4,760.2	Wes
L	3 ft. or	13.11 m.	Sheet No 1 of 1 Inclination:90 ⁰	
:Yes 🗶	No 🗆		Core Stored At: <u>Comet Warehouse</u> Bearing:	÷ .
uth Tests: _	Acid	test at 3	$92 \text{ ft.} : -90^{\circ}$	
то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
43'	431		Overburden	
123'	80'		Cherry Creek monzonite/syenite - Al and Kf veining	
210'	87'		Cherry Creek monzodiorite - Al and Kf veining	
274'	641		Cherry Creek monzonite/syenite - Al and/or Ep veining	
392'	118'		Cherry Creek monzodiorite - Al, Ep and/or Kf veining	
			End of Hole at 392 ft. or 119.48 m.	
4				
-				-
	~~~~			
t	k ted:2 4 : Yes X□ suth Tests: TO 43' 123' 123' 210' 274'	September      ted:    September      392 ft. or    392 ft. or      43 ft. or    43 ft. or      : Yes XI No □    No □      with Tests:    Acid      TO    THICKNESS      43'    43'      123'    80'      210'    87'      274'    64'	Winty    September 15, 1977    ded:  September 17, 1977    392 ft. or 119.48 m    43 ft. or 13.11 m.    43 ft. or 13.11 m.    Yes XD No D    No D    No D    No D    No D    Mith Tests:    Acid test at 3'    TO    THICKNESS    %    43'  43'    43'  43'    123'  80'    210'  87'    274'  64'	Hole Size:  Hole No.:

Project:	C	OMET		Hole Size: Hole No.: D.D.H. 77-30	
Claim No.: _	C	opper Que	en		
Date Started	:S	eptember	17, 1977	Type Drill: Longyear 38 Collar Elevation: 2,555.8 ft.	
Date Comple	eted:S	eptember	18, 1977	Contractor: J.T. Thomas Latitude: 1,486.6	South
Total Depth:				Logged By: J.D. Blanchflower Departure: 1,290.3	East
Cased To		0 ft. or			
Casing Pulled		No 🗆		Core Stored At:Comet WarehouseBearing:	
Dip and Azim	nuth Tests: _	Acid	test at 5	D6 ft. : -90°	
FROM	то	THICKNESS	% RECOVERY	GEOLOGIC DESCRIPTION AND REMARKS	INTERVAL SAMPLED
0	201	20'		Overburden	· · · ·
20'	35'	15'		Cherry Creek monzodiorite - minor Ca veining	
35'	506	471'		Pothook/Cherry Creek diorite - minor Gy, Al, or Ep veining	· · · ·
	1			End of Hole at 506 ft. or 154.23 m.	
					· · · · · ·
	-				· .

Project:	<u> </u>	OMET		Hole Size:	NQ		Hole No.:	D.D.H. 77-31	· · · · · · · · · · · · · · · · · · ·
Claim No.:	C	opper Que	en	· · · · · · · · · · · · · · · · · · ·	1 K	۴			
Date Started:	S	eptember	18, 1977	Type Drill:	Longyear	38	Collar Elevation:	2,570.8 ft.	
Date Complet	red:S	eptember	21, 1977	Contractor:	J.T. Thoma	ls	Latitude:	1,585.6	Sout
Total Depth:				• Logged By:				•	East
Cased To.	7	2 ft. or	21 <b>.9</b> 5 m.	Sheet No.	1	of1	Inclination:	-45°	
Casing Pulled:					t: <u>Comet Ware</u>	house	Bearing:	045 ⁰	
Dip and Azim	uth Tests: _	Acid	test at l	00' (-45°), and 495'					
FROM	TO	THICKNESS	% RECOVERY		GEOLOGIC DES	SCRIPTION AND RE	MARKS		INTERVAL SAMPLED
0	72'	72'		Overburden			2		
72'	291'	219'		Iron Mask diorite -	Ep, Al, and s	some Kf veining			
291	352'	61'		Cherry Creek monzod	iorite - Al ve	ining		an an an Artana Artana	
352'	495'	143'		Iron Mask diorite -	Ep, Kf, and A	l veining, loca	ally albitized		
				End of Hole at 495	ft. or 150.88	m.			
		-		an a					
		-							
							· · · · · · · · · · · · · · · · · · ·		
					· · · · · · · · · · · · · · · · · · ·				
		- 			· · · · · · · · · · · · · · · · · · ·				······································
						· · · · · · · · · · · · · · · · · · ·	······································		

Project:	(	COMET		Hole Siz	e:	NQ		Hole No.:	D.D.H. 77-32	···
Claim No.:	(	Copper Que	een	().						
Date Started:		September	21, 1977	Type Dr	ill:	Longyear 38		Collar Elevation: _	2,526.0 ft.	
Date Comple	ted:	September	22, 1977	Contract	or:	J.T. Thomas		Latitude:	1,400.0	Sou
Total Depth:	í	555 ft. or	<u>169.16 n</u>	Logged	βγ:	J.D. Blanchflowe	er	Departure:	2,000.0	Eas
Cased To.	נ	ll ft. or	33.83 m.	Sheet No		1 of	1	Inclination:	-45 ⁰	
Casing Pulled	i	No 🗆		Core Sto	red At:(	Comet Warehouse	······	.Bearing:	045 ⁰	
Dip and Azim	nuth Tests: _	Acid	test at 1	50' (-45 [°] ), and				·	-	
FROM	то	THICKNESS	% RECOVERY		GE	EOLOGIC DESCRIPTIC	ON AND REMARI	<s< td=""><td></td><td>INTERVAL SAMPLED</td></s<>		INTERVAL SAMPLED
0	112'	112'		Overburden	· · · · · · · · · · · · · · · · · · ·					
1121	115	31		Iron Mask diori	te - poor	rly veined with	Ep. Cl			
115†	1461	31'		Picrite/Iron Ma						
146'	210'	64 '		Iron Mask diori	te - mino	or Gy and/or Ca	veining			
210'	333'	123'		Picrite/Iron Ma	sk diorit	te - basalt cut	by dioritic	dykes		
333'	<b>5</b> 55'	222'		Iron Mask diori	ce - Ep,	Al, and Kf veir	ning, local B	i veining		
				End of Hole at	555 ft. d	or 169.16 m.				
					an a					· · · · · · · · · · · · · · · · · · ·
								······································		
	,								· ·	
				· · · ·				······································		

Project:	C	OMET		Hole Size:	NQ	Hole No.:	D.D.H. 77-33				
Claim No.: _	C	opper Que	en	· · · · · · · · · · · · · · · · · · ·							
Date Started	:S	eptember	22, 1977	Type Drill:	Longyear 38	Collar Elevation:	2,703.1 ft.				
Date Comple	ted:S	eptember	25, 1977	Contractor:	J.T. Thomas	Latitude:	1,795.0	Sout			
Total Depth:	5	44 ft. or	165.81 m	• Logged By:	J.D. Blanchflower	Departure:	2,405.4	East			
Cased To	1	32 ft. or	40.23 m.	Sheet No.	of	. Inclination:	-45 ⁰				
Casing Pulled	: Yes 🛙	No 🗆		Core Stored At:	:Comet Warehouse	Bearing:	045 ⁰				
Dip and Azin	nuth Tests:	Acid	test at l	40' (-45°), and 544'	(-43 [°] )						
FROM	то	THICKNESS	% RECOVERY		GEOLOGIC DESCRIPTION AND REMARKS						
0	132'	132'		Overburden -	erburden						
132'	1581	26'		Cherry Creek diorite	cross-cutting and intr	uding Picrite					
1581	2661	108'		Cherry Creek diorite,	/monzodiorite - Al, Kf,	and Ep veining					
2661	4901	2241		Iron Mask diorite loo	cally cut by Cherry Cre	ek diorite dykes	· · ·				
490'	544	54'		Cherry Creek monzodio	orite - locally albitiz	ed and epidotized					
				End of Hole at 544 ft	t. or 165.81 m.						
						a ser en					
	·	-									
1											

Project:	C	OMET			_ Hole Size:	NQ		Hole No.:	D.D.H. 77-34	
Claim No.: _	c	opper Que	en			· · ·			<b>\</b>	
Date Started:	S	eptember	25, 1977		Type Drill:	Longyear	38	Collar Elevation:	2,703.0 ft.	
Date Comple	ted:S	eptember	29, 1977		_ Contractor:	J.T. Tho	mas	Latitude:	1,802.3	South
Total Depth:	6	21 ft. or	189.28 m	•	Logged By:	J.D. Bla			2,406.3	East
Cased To.	5	2 ft. or	15.85 m.		Sheet No			Inclination:	-45 ⁰	
Casing Pulled								Bearing:		
Dip and Azim	with Tests:	Acid	test at l	50' (-45 [°] )	, 490' (-43 [°]	), and 621	· (-46°)			
FROM	то	THICKNESS	% RECOVERY			GEOLOGIC D	ESCRIPTION ANI	DREMARKS		INTERVAL SAMPLED
0	52'	521		Overburde	n					
521	119'	67'		Cherry Cr	eek diorite/	monzodiori	te - Al, Kf,	and/or Ep veining		
119	150'	31'		Picrite/I	ron Mask die	orite brecc	iated zone -	intense albitization		
150'	257'	107'	·	Cherry Cr	eek monzodio	o <b>rite -</b> Kf	or Al, Ep vei	ning		
257'	621'	3641		Iron Mask	diorite - A	Al, Kf, and	/or Ep veinir	ig, locally faulted	••	
				End of Ho	le at 621 ft	t. or 189.2	8 m.			· · ·
								· · ·		
								· · · · · · · · · · · · · · · · · · ·		· .

#### AGREEMENT

#### COMET PROPERTY

BETWEEN:

#### CANADIAN SUPERIOR EXPLORATION LIMITED 2201 - 1177 West Hastings Street Vancouver, British Columbia

(Hereinafter referred to as the 'COMPANY' of the First Part)

AND:

Α.

1_

#### J.T. THOMAS DIAMOND DRILLING LTD. P.O. Box 394 Smithers, British Columbia

(Hereinafter referred to as the 'CONTRACTOR' of the Second Part)

#### THE CONTRACTOR COVENANTS AND AGREES:

- THAT the Contractor shall use his best endeavor to complete all holes according to the wishes of the Company, but should rock conditions prevent successful completion of the hole, the Contractor is not obliged to complete the same, but shall be paid for such incomplete holes at contract rates for the completed footage.
- 2. THAT the Contractor will supply his own transportation and accommodation.
- 3. THAT the Contractor will supply water to the drill at his own expense.
- THAT the Contractor will not release any information regarding drill results, or access to core to any person other than the Company's representative.
- 5. THAT the Contractor will mobilize his equipment to and from the Comet property, prepare drill access roads and move drill equipment between sites, at his own expense.
- 6. THAT the Contractor will supply coreboxes at no cost to the company.
- 7. THAT the Contractor will absorb all cementing costs.
- 8. THAT the Contractor will pay the cost of drilling mud and additives required for this job.
- 9. THAT the Contractor shall maintain General Comprehensive Liability Insurance with minimum inclusive limits of \$750,000 covering bodily injuries and property damage and Motor Vehicle Liability with minimum inclusive limits of \$750,000. This insurance coverage shall not be reduced or cancelled during the period work is being done for the Company unless ten days prior written notice is furnished to the Company.

10. THAT the Contractor shall be responsible for and will pay promptly all dues and assessments payable under the Workmen's Compensation Act, in accordance with the laws of the Province of British Columbia, in respect of its employees.

~ 2 -

- 11. THAT the Contractor agrees to indemnify and save harmless the Company and its personnel against any and all loss and expense including attorney's fees and other legal expenses, by reason of liability imposed or claimed to be imposed by law upon the Company for damages because of bodily injuries, including death, or on account of damage to property, sustained by any person or persons arising out of or in consequence of the performance of the work called for by this contract whether or not such bodily injuries, death or damage to property arise or are claimed to arise in whole or in part out of negligence or any other ground of legal liability, including violation or any duty imposed by a statute or ordinance or regulation on the part of the Contractor, their employees or agents of them.
- 12. THAT during the course of the work, the Contractor shall, at all times, keep the Company's premises free from accumulation of waste material or rubbish and upon completion of the work shall remove all tools, scaffoldings, surplus materials and rubbish and leave the premises in a clean condition and as near as possible to its original condition. The Contractor shall observe and comply with all applicable laws of the Province of British Columbia.
- THAT this agreement may be altered only by written consent of both parties hereto.
- 14. THAT time is of the essence in this agreement.

THE COMPANY COVENANTS AND AGREES:

THAT the payment for the herein described work shall be as follows:

Ten Dollars and Fifty Cents (\$10.50) per foot for BQ or NQ core drilling, except when total NQ core drilling exceeds 4,000 feet the rate will be Eleven (\$11.00) Dollars per foot for NQ core drilling. The rate for overburden drilling shall be Ten Dollars and Eifty Cents (\$10.50) per foot.

- THAT the Company requests the Contractor to complete a minimum of 6,000 (Six Thousand) feet of drilling and other services as set forth herein.
- 3. THAT the Company agrees to make payments at the rates hereinbefore specified in accordance with the terms hereinafter set out, that is: For all work done hereunder between the first and 15th day and the 16th and last day of the month, invoices shall be rendered promptly to the Company, and such invoices shall by due and payable within 15 days of receipt of an invoice by the Company.

R. Lasmorris Charges R.A.S. ssel

Β.

1.

IN WITNESS WHEREOF these presents have been executed by the parties hereto, this <u>98</u> day of _____ A.D. 1977. CANADIAN SUPERIOR EXPLORATION

- 3 -

LIMITED

J.T. THOMAS DIAMOND DRILLING LTD.

W.S. Robernsin President fean Homas Anadi VICE PRESIDENT Homas Ihomas