

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

6058

DIAMOND DRILL REPORT

76-44

HARRISON

MINERAL CLAIM HARRISON 15

(RECORD # 10951)

NEW WESTMINSTER M.D., B.C.

NTS 92H/5W

AUGUST 14-SEPTEMBER 18, 1976

92 H / 5 W

J.A. TURNER

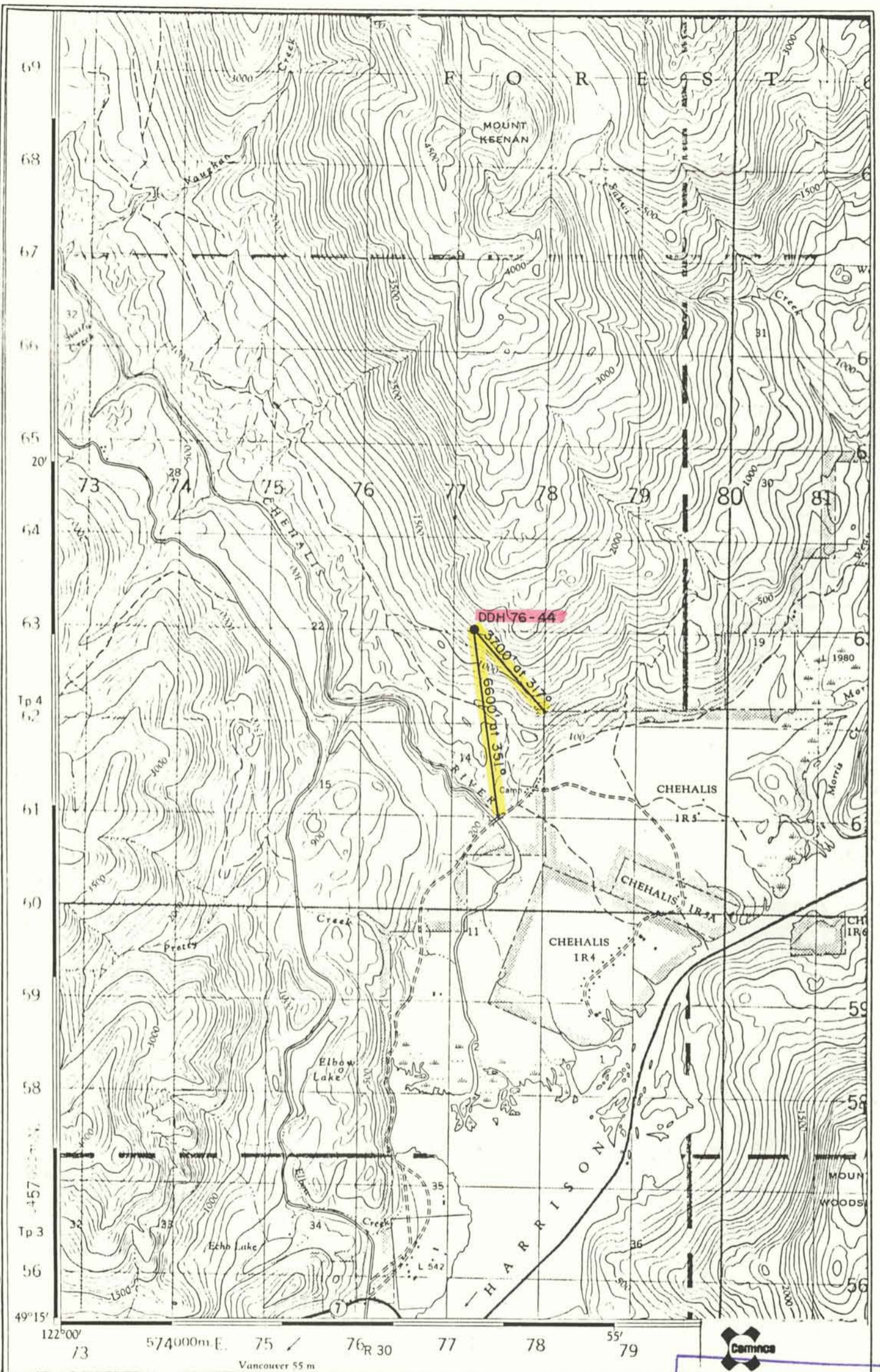
OCTOBER 27, 1976

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO. 6058

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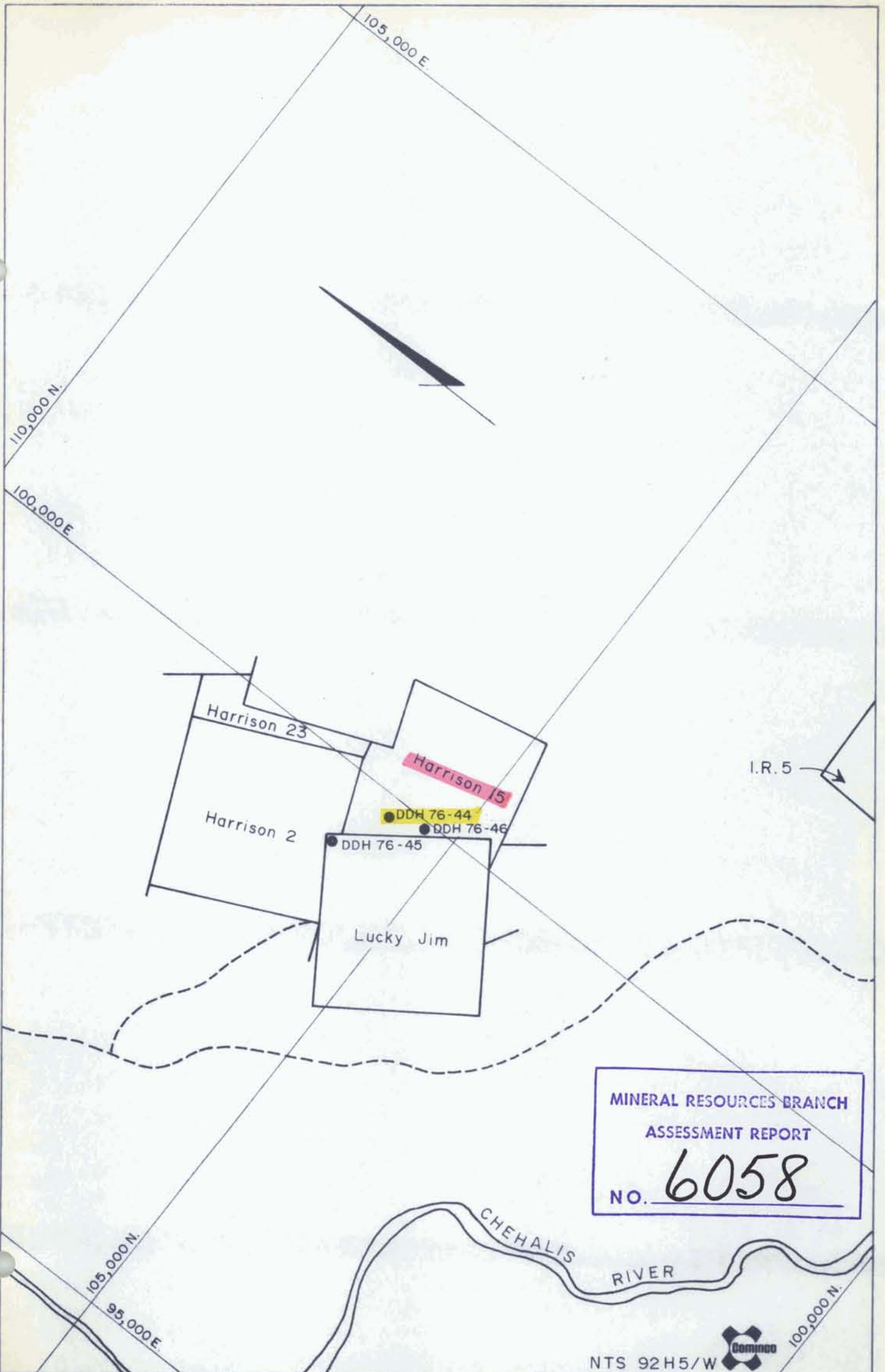


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Revised by	Date	Revised by	Date


Scale: 1:50,000

Date: October 27, 1976

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
 SENECA OPTION
 DRILL HOLE LOCATION
 NO. 6058



MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
 NO. **6058**

NTS 92H5/W 

Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

SENECA OPTION
DRILL HOLE LOCATION

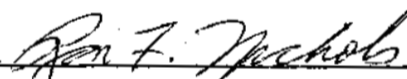
Scale: 1" = 1000' Date: October 27, 1976 Plate:

STATEMENT OF QUALIFICATIONS

I, R.F. Nichols, Geologist, P.Eng., for Cominco Ltd., Exploration Western District, of 200 Granville Square, Vancouver, B.C. hereby declare that Mr. J.A. Turner has examined the core and written the log for Diamond Drill Report 76-44 of the Seneca property, New Westminster Mining Division, British Columbia.

Mr. Turner received his B.Sc. in Physics from the University of British Columbia in 1973.

He has worked five seasons in mineral exploration all of which were completed with Cominco Ltd., Western District Exploration.



R. F. Nichols, P.Eng.
Geologist

CAMERON McCUTCHEON DRILLING LIMITED

DIAMOND DRILLING CONTRACTORS

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745 Clark Drive
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INVOICE NO. 12009
JOB NO. 324
SEPTEMBER 14th, 1976

Cominco Ltd.
200 Granville Street
Vancouver, B.C.
V6C 2R2

CHEQUE
NO
70921
OCT 19 1976

Attention: Mr. G.J. Ryznar
Senior Geologist, Western District.

RE: TESTING OF A NEW DRILL ON THE SENECA PROPERTY NEAR
HARRISON MILLS, B.C.

FIRST BILLING - AUGUST 1st - 31st, 1976

1.) CORING			
HOLE NO. 7640 NQ 0' - 514' = 514' @ \$9.00 FT. =			\$4,626.00
2.) D-40 CAT - RE: ATLAS INVOICE			
AUGUST 12	1 HOUR		
AUGUST 13	<u>4 HOURS</u>		
	5 HOURS @ \$64.13/HOUR		320.65
3.) CORE BOXES	E.G. WHALLEY & SON	\$202.02	
	WESTERN CARRIERS	<u>8.55</u>	
		\$210.57	
	PLUS 10%	<u>21.06</u>	<u>231.63</u>

ENTERED

TOTAL AUGUST BILLING

SENECA 232-58-3100

W. O. O. O. O.

AB

Scale

Colour Plot
& Dips

Drill Hole Record



Property	Seneca	District	New Westminster	Hole No.	76-44	
Commenced	August 14, 1976	Location	Line 28 S 1040 E	Tests at	Hor. Comp.	
Completed	September 18, 1976	Core Size	NQ	Corr. Dip	-90°	
Co-ordinates		True Brg.		Logged by	J.A. Turner	
Objective	To extend mineralization found in DDH - 76 - 43		% Recov.	99%	Date	Sept. 18, 1976

Claim

T Brg.

Collar Dip
- 90°

Elev.

Length

1008

Hole No.

Sheet

Footage		Description	Sample No.	Length	Analysis					
From	To									
0	6'	Overburden								
6'	130'	Dacite porphyry flows - light green, medium hard foliation 45°/core axis. - feldspars often in tuffaceous matrix - calcite-zeolite-chlorite filled amydules and filled fractures through out - minor hematite - chloritic - minor disseminated pyrite/magnetite - core has fibrous appearance 46' - 81'								
	81' - 93'	- weathered core, buff brown, open vesicules - slightly broken ground, chloritic								
	115' - 117'	- chert band								
	117' - 123 1/2'	- fault zone - fractured and fragmented; brecciated chert and Dacite porphyry - slicken sides								
	123 1/2' - 130'	- Dacite porphyry flow - more homogeneous than previous unit								
	130' - 172'	fault zone - Fault breccia - poor core recovery: 60% - slicken sides - often 1-3% fine disseminated pyrite - shearing and alteration to chlorite - calcite and zeolite fracture fillings								

Scale

Colour Plot
& Dips

Drill Hole Record



Property	District	Hole No.	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced	Location	Tests at						76-44	2
Completed	Core Size	Corr. Dip							
Co-ordinates		True Brg.							
Objective		% Recov.							
Footage From To	Description	Sample No.	Length	Analysis					
	162'-167' - Brecciated chert or fault Breccia - hematised, - porphyritic (chlorite crystals) fragments in a chloritic sheared matrix, foliation, 30%/core axis								
167'-177'	Dacite porphyry flow breccia - Zeolitization of feldspars - 80% core recovery								
172'-202'	Contact zone between two flows (Dacite-porphyry)								
202'-265'	Dacite porphyry flows - heavily zeolitized - tensions gashes which are calcite filled - minor primary textures suggesting some phenocrysts were quartz.								
	732'-258' Dacite tuff - porphyritic rock, dark green tuffaceous flow - minor bands of dacite porphyry - amigdaloidal (Calcite-zeolite) - stretched in places, chloritic - minor lapilli fragments								
	258'-265' Dacite porphyry flow-lighter than previous porphyry flow.								
265'-280'	Banded tuffs - Andesitic, well folliated, 70%/core axis. - alternating chloritic (massive) feldspar (crystals) bands (2")								
280'-283'	Chert and brecciated chert - broken ground - few amygdules								

Scale

Colour Plot
& Dips

Drill Hole Record



Property	District	Hole No.	Claim	T Brg.	Collar Dip	Elev.	Length
Commenced	Location	Tests at	Hor. Comp.				
Completed	Core Size	Corr. Dip	Vert. Comp.				
Co-ordinates		True Brg.	Logged by				
Objective		% Recov.	Date				
Footage From To	Description	Sample No.	Length	Analysis			
283'-290'	Andesite Lapilli tuff - chloritic clots subangular (1cm) - porphyritic fragments - multilithic, chloritic - occasional boulders of Rhyodacite - porphyry and banded tuffs (2')						
290'-323'	Dacite-Andesite flow breccia- very coarse fragmental - auto Breccia - porphyritic fragments up to 10" - feldspars altered to chlorite - minor (1%) cement of sulfide mud; fine pyrite and calcopyrite - calcite filled tension gashes - stretched amygdules - minor epidote and zeolite						
323'-329'	Dacite porphyry flow - Zeolitized - stretched amygdules - chloritised - tension gashes						
329'-344'	Dacite - Andesite Lapilli tuff - deep green, porphyritic - chloritised, calcite-filled vesicles - cpy. speck at 335' - Zeolitised - minor epidote - minor pyrite - Calcite fracture fillings						

Hole No. 76-44 Sheet 3

Scale

Colour Plot
& Dips

Drill Hole Record



Property	District	Hole No.	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. 76-44 Sheet 4
Commenced	Location	Tests at	Hor. Comp.					
Completed	Core Size	Corr. Dip	Vert. Comp.					
Co-ordinates		True Brg.	Logged by					
Objective		% Recov.	Date					
Footage From To	Description	Sample No.	Length	Analysis				
344'-361'	Dacite porphyry flow - sections of flow Breccia - cemented with sulphide mud (1-2%) - occasional chloritic clots - fragments (3") - some Lapilli sections							
361'-370'	Dacite porphyry flow							
370'-382'	Andesite Lapilli tuff and Dacite porphyry - undifferentiated flow breccia - chloritised - Calcite amygdules							
	461' Possible fault or fracture.							
465 1/2'-556'	Rhyodacite porphyry dyke - very sharp contact - chlorite-epidote reactions rims around feldspars - occasional chloritic clot - calcite-chlorite tension gash - epidote. Strongly magnetic							
556'-577'	Dacite crystal tuff							
557'-588'	Mixed Mudstones and tuffaceous sediments							
	557'-565' - Mudstones - sedimentary structures, banding, bedding, slump structures - fractured, slickensides - 10" porphyry fragment at 563'							