42A01SE0177 25 EBY

010

DIAMOND DRILLING

Township: EBY

Report No: 25

WORK PERFORMED FOR: Fernand Rivard

RECORDED HOLDER: SAME AS ABOVE [x]

: OTHER [ ]

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 891900/ 735464	E-90-1	504.0	May/June	(1)

NOTES:

(1) W9008.190

filed Oct 17th/1990

DIAMOND DRILL RECORD

Company:	Fern Rivard			Hole No.	E-90-1		
Location:	Eby Township	Date Started:	May 24, 1990	Page No.	1		
Level:	Surface	Date Finished:	June 15, 1990	Core Size:	EX		
Bearing:	005 Deg.	Logged:	S. Carmichael	Test-Acid:		Tropari:	
Inclination:	-55 Deg.	Core Saved?	Yes	Discarded:		Strike	Dip
		Casing: Left					
Total Depth:	504.0 feet	Elevation:	Surface	At:	0.0 ft.	005 deg.	-55 deg.
		Claim No.:	L-891900	At:			
Coords Collar - Lat:	2 feet east of No. 4 Post	Dep:	12 feet South of No. 4 post	At:			
Drilled by:	F. Rivard	Date Logged:		June 14, 1990			

FOOTAGE From - To	GEOLOGICAL & PHYSICAL DESCRIPTION	SAMPLE NUMBER	FROM - TO	AU PPB	AU GRAMS/TON	AU OZ/TON	LENGTH
0.00-17.00 feet	Casing						
17.00-56.00 feet	ULTRAMAFIC VOLCANICS (KOMATIITE)						
	Very fine grained komatiitic basalt. Weakly fractured with carbonate stringers. Minor clots of pyrite throughout. Komatiite is locally syenitized due to lower syenite plug. Core is blocky and broken throughout with estimated 70% recovery. Lower contact with syenite is marked by narrow shearing and quart-carbonate flooding. 49.0-56.0' - foliated komatiite, foliation at 45 deg. to C.A.						
56.00-456.00 feet	SYENITE						
	Fine grained dark brick-red syenite with local phases of albite-feldspar porphyry. Core recovery at upper contact with volcanic is 25%. Syenite is weakly magnetic. Minor small (<1cm) inclusions of chloritised volcanics throughout. The syenite is also moderately chloritised throughout.						
	56.0-59.0' - fine grained feldspar porphyry. Phenocrysts up to 2mm in size. 1-2% disseminated pyrite.	192351	56.0-59.0 feet	44.0			3.0 ft.
	59.0-62.8' - as above	192352	59.0-62.8 feet	18.0			3.8 ft.
	62.8-65.0' - bleached altered syenite porphyry. Alteration includes albite	192353	62.8-65.0 feet	129.0	0.129	0.004	2.8 ft.

	and carbonate. Shearing at 64' at 44 deg to C.A. Brecciated from 63.2-64.2'. 4% fine pyrite throughout with narrow (1") sections of up to 10% py.						
	65.0-68.0' - weakly altered syenite, weakly fractured with hairline calcite stringers. 1-2% pyrite.	192354	65.0-68.0 feet	29.0			3.0 ft.
	68.0-73.0' - as above, possible shear at 70.5' marked by 2" of brecciation and quartz stringers.	192355	68.0-73.0 feet	6.0			5.0 ft.
	73.0-76.0' - as above	192356	73.0-76.0 feet	7.0			3.0 ft.
	89.2-89.5' - brecciated syenite, fragments up to 2cm in size. Brecciation at 12 deg. to C.A. Minor carbonate flooding.	192357	89.0-92.0 feet	69.0			3.0 ft.
	94.0-97.0' - moderately fractured with local stringers containing up to 1% py.	192358	94.0-97.0 feet	314.0	0.314	0.009	3.0 ft.
	122.0-127.0' - slightly bleached with 1% disseminated pyrite throughout.	192359	122.0-127.0 feet	21.0			5.0 ft.
	144.0-148.2' - bleached syenite, 1% py throughout. 8-10% py from 145.8-146.5'.	192360	144.0-148.2 feet	46.0			4.2 ft.
	189.0-191.0' - moderately fractured with quartz stringers. 1% pyrite.	192361	189.0-191.0 feet	61.0			2.0 ft.
	248.0-250.5' - sheared syenite, strong foliation at 30 deg. to C.A. Pyrite mineralization in bleached syenite from 250.5' (fault breccia) to 254'. Moderately carbonatized in shear.	192362	247.0-250.5 feet	26.0			3.5 ft.
		192363	250.5-254.0 feet	71.0			3.5 ft.
	273.0' - shear zone, foliation at 44 deg to C.A. Syenite becoming lighter (buff green) after shear.						
	275.0-277.0' - possible lamprophyry dike or phase of syenite						
	319.0-331.0' - moderately fractured syenite with hairline qtz/calcite stringers.						
	331.0-335.0' - lamprophyric phase						
	382.0' - becoming darker orange-red in color.						
	404.5-404.8' - calcite flooded section						
	403.0-408.0' - moderately fractured section with 4% calcite stringers, 1% pyrite, locally up to 4%.	192364	403.0-408.0 feet	<5.0			
456.0-504.0 feet	ULTRAMAFIC VOLCANICS (KOMATIITE) Dark green fine grained komatiitic basalt, becoming increasingly talcose down section. Contact with syenite is irregular at 65 deg. to C.A. Possible flow breccia to 473.0'.						

	475.3-478.3' - hematized, moderately fractured (calcite) section. 2-4% py.	192365	475.3-478.3 feet	17.0			3.0 ft.
	478.3-480.0' - komatiite, weakly mineralized.	192366	478.3-480.0 feet	<5.0			1.7 ft.
504.0 feet	End of Hole						
	Casing Pulled						

Additional Core Assays	171192	92.0-94.0 feet	25.0		2.0 ft.
	171193	97.0-102.0 feet	16.0		5.0 ft.
	171194	102.0-106.0 feet	11.0		4.0 ft.
	171195	157.0-161.0 feet	27.0		4.0 ft.
	171196	161.0-166.0 feet	85.0		5.0 ft.
	171197	166.0-171.0 feet	101.0	0.101 0.003	5.0 ft.
	171198	171.0-176.0 feet	44.0		5.0 ft.
	171199	176.0-181.0 feet	28.0		5.0 ft.
Sludge Assays	171200	181.0-186.0 feet	16.0		5.0 ft.
	192367	186.0-189.0 feet	216.0	0.216 0.006	3.0 ft.

0.0-30.0 ft. 177142 1100 ppm Cu
30.0-40.0 ft. 177143 170 ppm Cu
40.0-50.0 ft. 177144 200 ppm Cu
230.0-240.0 ft. 171164 120 ppm Cu, 120 ppm Zn

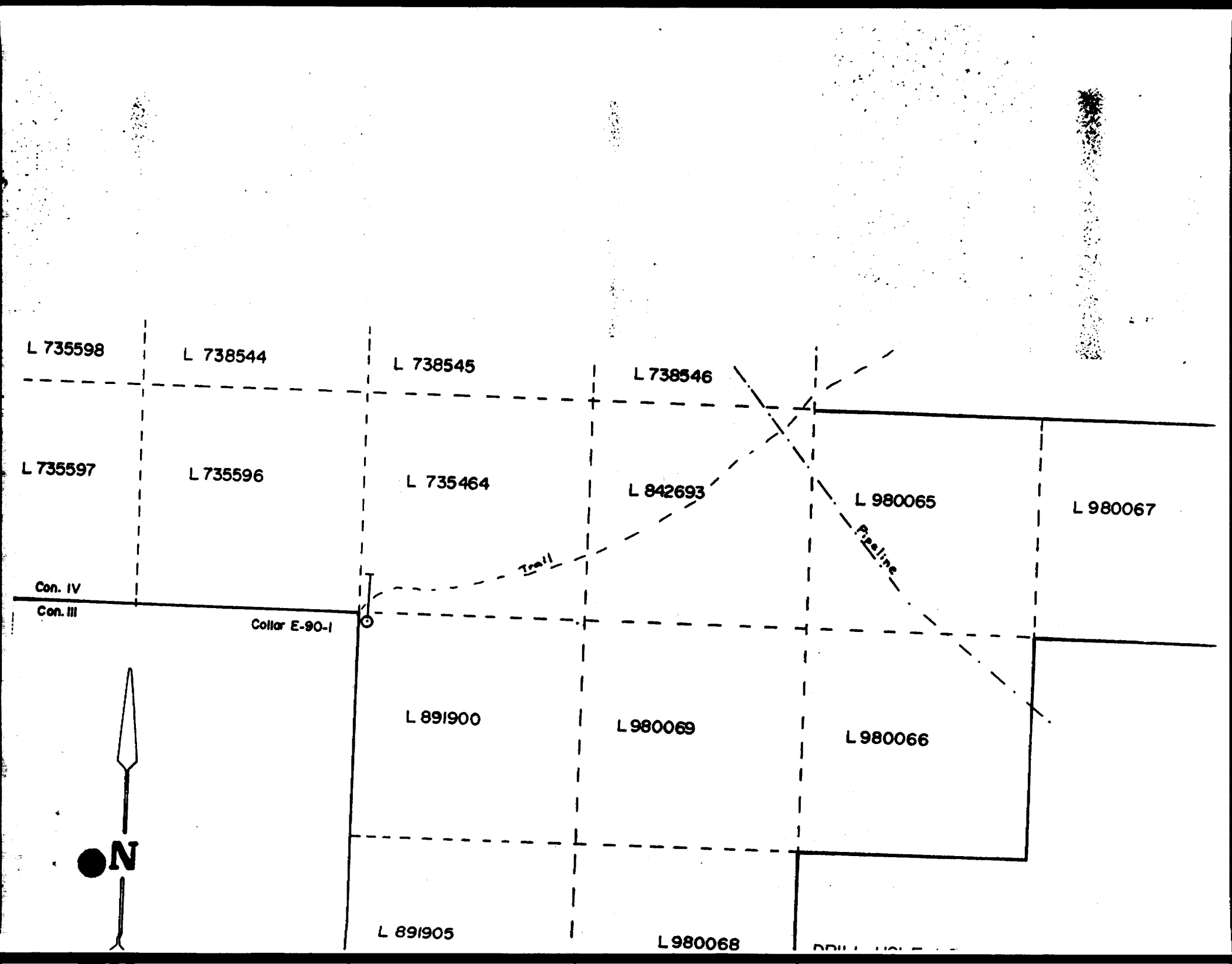
50.0-60.0	171145	35 ppb Au	2 ppm Ag	180.0-190.0	171158	227 ppb Au	
60.0-70.0	171146	138 " "	1 ppm Ag	190.0-200.0	171159	95 " "	
70.0-80.0	171147	13 " "	2 ppm Ag	200.0-210.0	171161	48 " "	
80.0-90.0	171148	31 " "		210.0-220.0	171162	36 " "	
90.0-100.0	171149	216 " "		220.0-230.0	171163	23 " "	
100.0-110.0	171150	92 " "		230.0-240.0	171164	28 " "	
110.0-120.0	171151	93 " "		240.0-250.0	171165	65 " "	
120.0-130.0	171152	20 " "		250.0-260.0	171166	116 " "	
130.0-140.0	171153	31 " "	2 ppm Ag	260.0-270.0	171167	15 " "	
140.0-150.0	171154	96 " "		270.0-280.0	171168	24 " "	
150.0-160.0	171155	77 " "		280.0-290.0	171169	20 " "	
160.0-170.0	171156	257 " "		290.0-300.0	171170	38 " "	
170.0-180.0	171157	225 " "	2 ppm Ag				

(240.0-250.0 171165 2 ppm Ag)

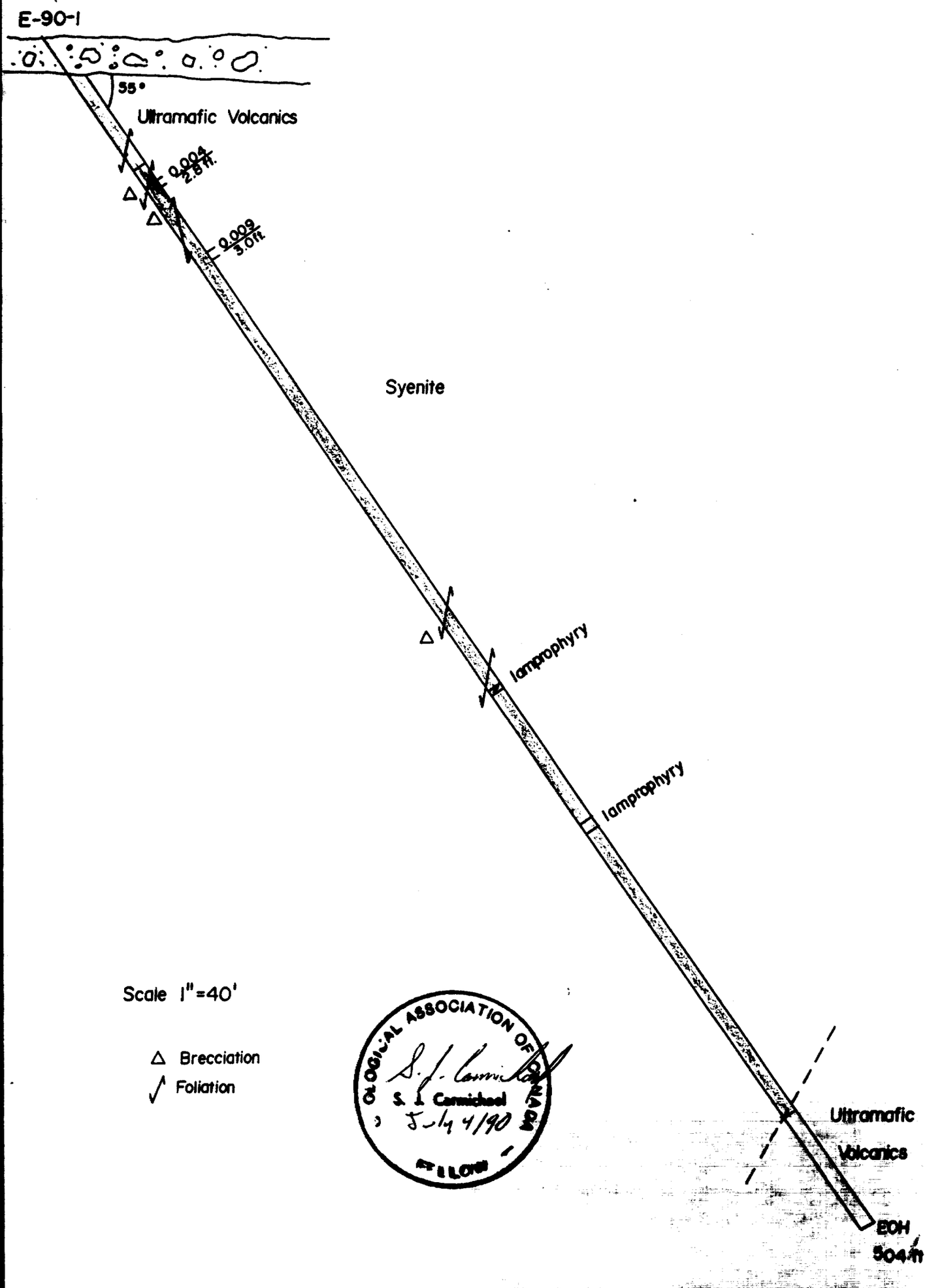
300.0-310.0	171171	9 ppb Au		400.0-410.0	171182	12 ppb Au	
310.0-320.0	171172	11 " "		410.0-420.0	171183	13 " "	
320.0-330.0	171173	14 " "		420.0-430.0	171184	17 " "	
330.0-340.0	171174	12 " "		430.0-440.0	171185	17 " "	
340.0-350.0	171175	13 " "		440.0-450.0	171186	13 " "	
350.0-360.0	171176	14 " "		450.0-460.0	171187	28 " "	

360.0-370.0	171178	13	"	"	460.0-470.0	171188	26	"	"
370.0-380.0	171179	19	"	"	470.0-480.0	171189	23	"	"
380.0-390.0	171180	15	"	"	480.0-490.0	171190	42	"	"
390.0-400.0	171181	13	"	"	490.0-504.0	171191	22	"	"




L 735598
L 738544
L 738545
L 738546
L 735597
L 735596
L 735464
L 842693
L 980065
L 980067
Trail
Pipeline
Con. IV
Con. III
Collar E-90-1
L 891900
L 980069
L 980066
N
L 891905
L 980068

SECTION LOOKING WEST



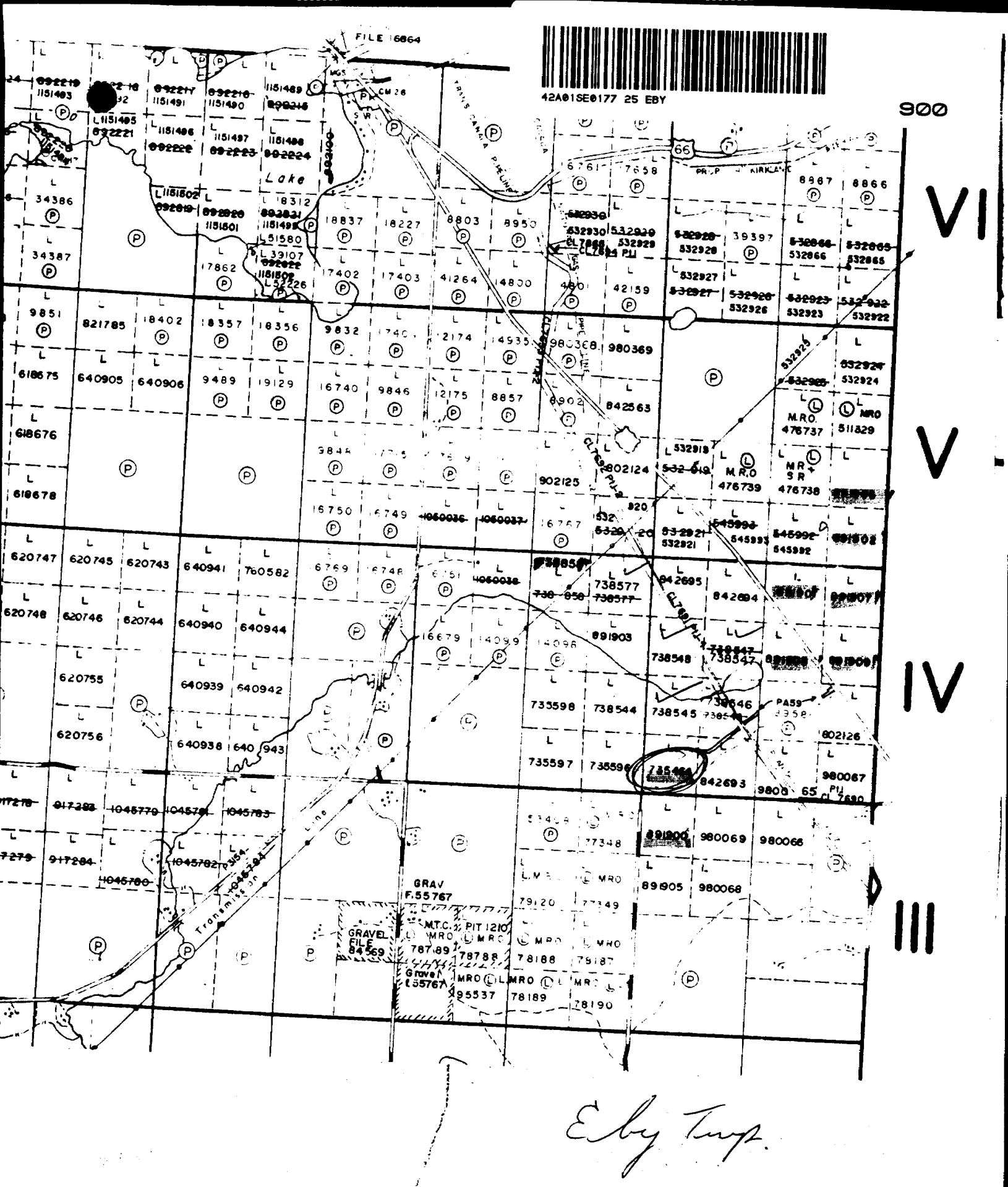
Scale 1"=40'

△ Brecciation

√ Foliation

GEOLOGICAL ASSOCIATION OF CANADA
S. J. Carmichael
July 4/90
ST. JOHN'S

JULY 4, 1990


FILE 6864
42A01SE0177 25 EBY
900
VII
V
IV
III
Lake
Transmission Line
GRAV
F.55767
GRAVEL
FILE
84569
Gravel
F.55767
M.T.C. PIT 1210
Eby Twp.

Ministry of Northern Development and Mines
Ontario

DOCUMENT No. W9008.190

A.L.

Instructions
- Please type or print.
- For each type of work performed, a separate Report of Work should be completed.
- For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical") and form no. 878 for Expenditures.
- Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Mining Act — Report of Work

Name and Address of Recorded Holder	Prospector's Licence No.
FERNAND RIVARD BOX 1091	K1910 2
11 GOV ROUTE KIRKLAND LAKE ONT	Telephone No. 705-567-7344

Summary of Distribution of Credits and Work Performance

Mining Division	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.
LARDER LAKE	L	738858	6						
Township or Area: EBY TWP	L	891901	109						
Total Assessment Credits Claimed: 504	L	891902	103						
Type of Work Performed (Check one only)	[redacted]								
☐ Manual Work	L	891907	73						
☐ Shaft Sinking Drifting or other Lateral Work	L	891908	40						
☐ Mechanical equipment	L	891909	40						
☐ Power Stripping other than Manual (maximum credit allowed - 100 days per claim)	L	891906	133						
☒ Diamond or other Core drilling									
☐ Core Specimens									

Dates when work was performed	Total No. of Days Performed	Total No. of Days Claimed	Total No. of Days to be Claimed at a Future Date
From: MAY 24/90 To: JUNE 15/90	504	504	

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
~~L 891960~~	504										
				735464							

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

FERNAND RIVARD
BOX 1091 KIRKLAND LAKE ONT

3 PRAC + HEMLOOD E HEAD DIAMOND DRILL
CONVENTIONAL DRILL GAS POWERED - 7/8 CORE

JUL 1990

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date	Recorded Holder or Agent (Signature)
	July 4/90	[signature]

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 Address of Person Certifying	Telephone No.	Date	Certified By (Signature)
Stewart Carmichael, BSc. FGAC P.O. Box 271, Swastika, Ont. P0K 1T0	567-7286	July 4/90	Stewart Carmichael

For Office Use Only

Work Assignments	Received Stamp
(735464) Fernand Rivard 504 2456.	[illegible] VISION 90 JUL 5 PM 2 16 RECEIVED
July 5-90 M.I (x20)	