

2801

G E O C H E M I C A L R E P O R T

O N

N I C L A I M S

H A R R I S O N L A K E A R E A

49° - 121° N W

92 H / 12 E 4 W

BY

E. R. GAYFER, P. ENG.

FOR

GIANT EXPLORATIONS LIMITED (N.P.L.)

1131 MELVILLE STREET

VANCOUVER 5, B.C.

JULY 21, 1970

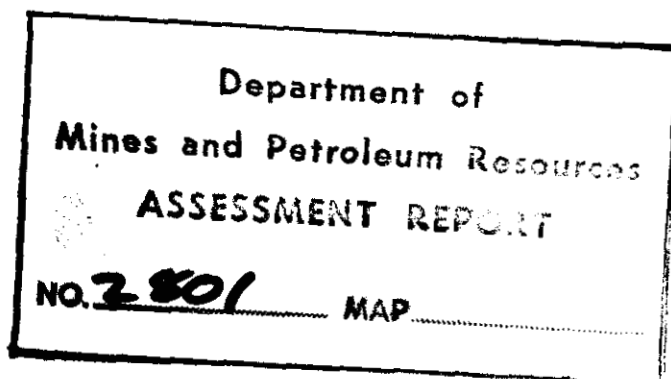


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INTRODUCTION

Giant Explorations Limited (N.P.L.) is carrying out a comprehensive exploration program in an area lying between Harrison Lake and the Giant Mascot nickel mine on Stulkawhits Creek. In the summer of 1969, 242 mineral claims were staked for the Company to cover this area.

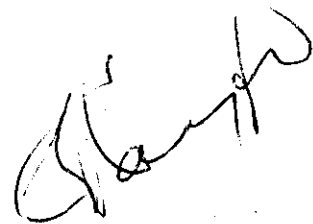
The exploration program is being carried out in two stages as follows:

Stage I - preliminary stream sediment sampling; contour soil sampling; airborne magnetometer surveys; and geological reconnaissance, for the purpose of defining areas of basic and ultrabasic rocks which may be of interest.

Stage II - close prospecting, together with detailed geochemical-geophysical surveys to cover those areas of interest located during Stage I.

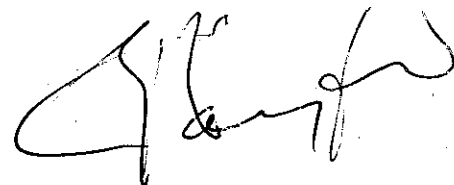
This report, which is the second report on the area within the past month or so, describes a portion of the Stage I work which relates to 114 claims centered on Talc Creek and the report has been written for assessment work purposes. When the Giant Mascot mine plant was destroyed by fire on August 2, 1970, some 215 geochemical samples which were applicable to the claims and which were awaiting assay, were also destroyed. Assay values are therefore missing for these samples.

(Continued on Page 3a).



PROPERTY

Ni 103 - 130, incl.	Record Nos. 22050 - 22077, incl.
Ni 135 - 148, incl.	Record Nos. 22078 - 22091, incl.
Ni 223 -	Record No. 22265
Ni 229 - 234, incl.	Record Nos. 22267 - 22272, incl.
Ni 242 - 259, incl.	Record Nos. 22009 - 22026, incl.
Ni 260 - 264, incl.	Record Nos. 22045 - 22049, incl.
Ni 267 - 284, incl.	Record Nos. 22027 - 22044, incl.
Ni 287 - 292, incl.	Record Nos. 22298 - 22303, incl.



(To replace Page 3 of Geochemical Report on Harrison Lake area by E.R. Gayfer and dated July 21, 1970).

PROPERTY - continued

They are located in an area of rugged topography with fairly dense forest growth. Elevations range from 100 feet to 5,500 feet above sea level, with one mountain peak rising to nearly 7,000 feet. Some logging operations have been carried out in the lower areas. Heavy snow pack imposes a very short exploration season at the higher elevations.

GEOLOGY

The area is underlain by Chilliwack group sediments and intercalated volcanics of carboniferous and later age, which have been intruded by magmas of dioritic, basic, and ultrabasic composition. Soil cover is extensive in the valleys but there is a good percentage of rock outcrop at higher elevations.

GEOCHEMICAL SURVEYS

Contour soil sampling was carried out on, and adjoining, the claim groupings. Samples were taken at sufficient depth to be reasonably free from organic matter. Sample contours were spaced at \pm 400 foot vertical intervals, with individual samples being taken at 200 foot horizontal spacing. Positioning control was attained through use of Thommen altimeters, 1:50,000 scale contour maps, and aerial photographs. All sample locations were flagged and numbered.

Drying and screening of the soil samples was carried out at field headquarters after which the -80 mesh fraction was forwarded to the Giant Mascot Mine assay laboratory. Here a one gram portion of the sample was heated in a test tube over an open flame until the organic matter was burned off. It was then digested with nitric acid for one and a half hours in a hot water bath and followed by cooling, mixing and settling. Values in PPM for nickel, copper and lead were obtained with an atomic absorption machine.

Sample locations and numbering are shown on Maps No. 3 and 4, while metal values in PPM are shown on Map No.'s 5, 6, 7, 8, 9, and 10.

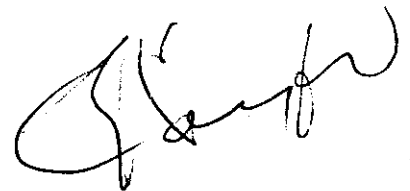
PERSONNEL

Mr. N.W. Berg, B. Sc. (physics) was Party Chief and carried out the program under the general supervision of the author.

Personnel employed together with the wages paid which are applicable to this report, are summarized as follows:

<u>Name and Address</u>	<u>Dates Employed</u>	<u>Days worked & Wage Rates</u>	<u>Amount Paid</u>
<u>N. W. Berg,</u> 5359 - 202 St., Langley, B.C.	May 16 - July 25/70	35 days @ \$30/day	\$1050.00
<u>D. Fournier,</u> Bear Creek, Harrison, B.C.	May 31 - July 25/70	30 days @ \$25/day	750.00
<u>M.M. Brown,</u> 3954 Bayridge Court, West Vancouver, B.C.	May 25 - July 25/70	35 days @ \$20/day	700.00
<u>B. Livingstone,</u> 6876 Adera St., Vancouver 14, B.C.	May 25 - July 25/70	35 days @ \$20/day	700.00
<u>D. Lovely,</u> 3092 Paisley Road, North Vancouver, B.C.	May 25 - July 25/70	35 days @ \$20/day	700.00
<u>G.R. Clarke,</u> 8090 Sussex Ave., Burnaby 1, B.C.	May 25 - July 25/70	35 days @ \$20/day	700.00
		Total amount paid	\$4600.00

(To replace Page 5 of Geochemical Report on Harrison Lake area by E.R. Gayfer and dated July 21, 1970).



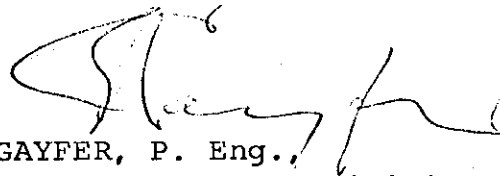
EXPENDITURES

Expenditures applicable to this report are as follows:

	<u>Expenditure</u>
Labour	\$. 4,600
Camp operation and accommodation	1,922
Assaying and sampling.	2,585
Engineering supplies	680
Vehicle operation	588
	<hr/>
Total expenditure	\$. 10,375

Yours truly,

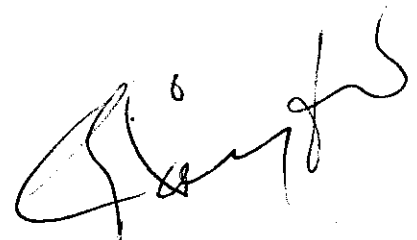
GIANT MASCOT MINES LIMITED,



E. R. GAYFER, P. Eng.,
Manager of Property Acquisition

ERG:mk

(To replace Page 6 of Geochemical Report on Harrison Lake area by E.R. Gayfer and dated July 21, 1970).



NI	NI	NI	NI	NI	NI
136	135	130	129	104	103
NI	NI	NI	NI	NI	NI
138	137	128	127	106	105
NI	NI	NI	NI	NI	NI
140	139	126	125	108	107
NI	NI	NI	NI	NI	NI
142	141	124	123	110	109
NI	NI	NI	NI	NI	NI
144	143	122	121	112	111
NI	NI	NI	NI	NI	NI
146	145	120	119	114	113
NI	NI	NI	NI	NI	NI
148	147	118	117	116	115

NI	NI	NI	NI
287	288	229	230
NI	NI	NI	NI
289	290	231	232
NI	NI	NI	NI
291	292	233	234

ZOEBURGH CREEK

RETTLE CREEK

TALE CREEK

HARRISON LAKE

M-1

2801

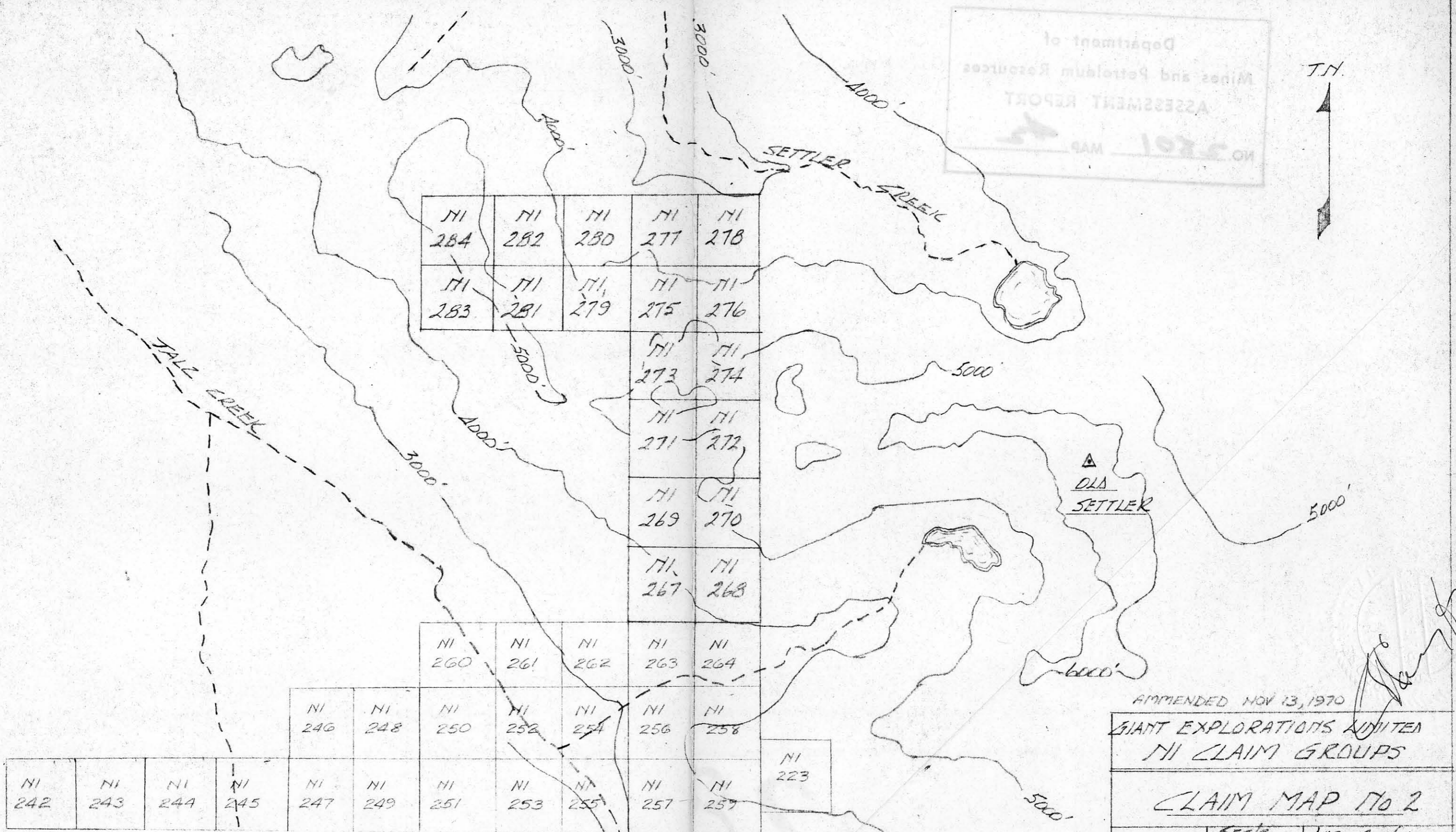
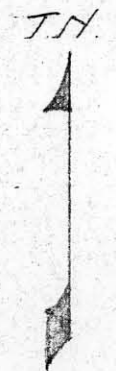


GIANT EXPLORATIONS LIMITED
 NI CLAIM GROUPS
 CLAIM MAP No 1
 MAP No 1 Scale: 1"=2000' Drawn by E.R. Gayfer
 To accompany geochemical report by E.R. Gayfer P.Eng. on the Harrisson Lake New Brunswick MS dated Aug 21 1970.

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 MAP No 1

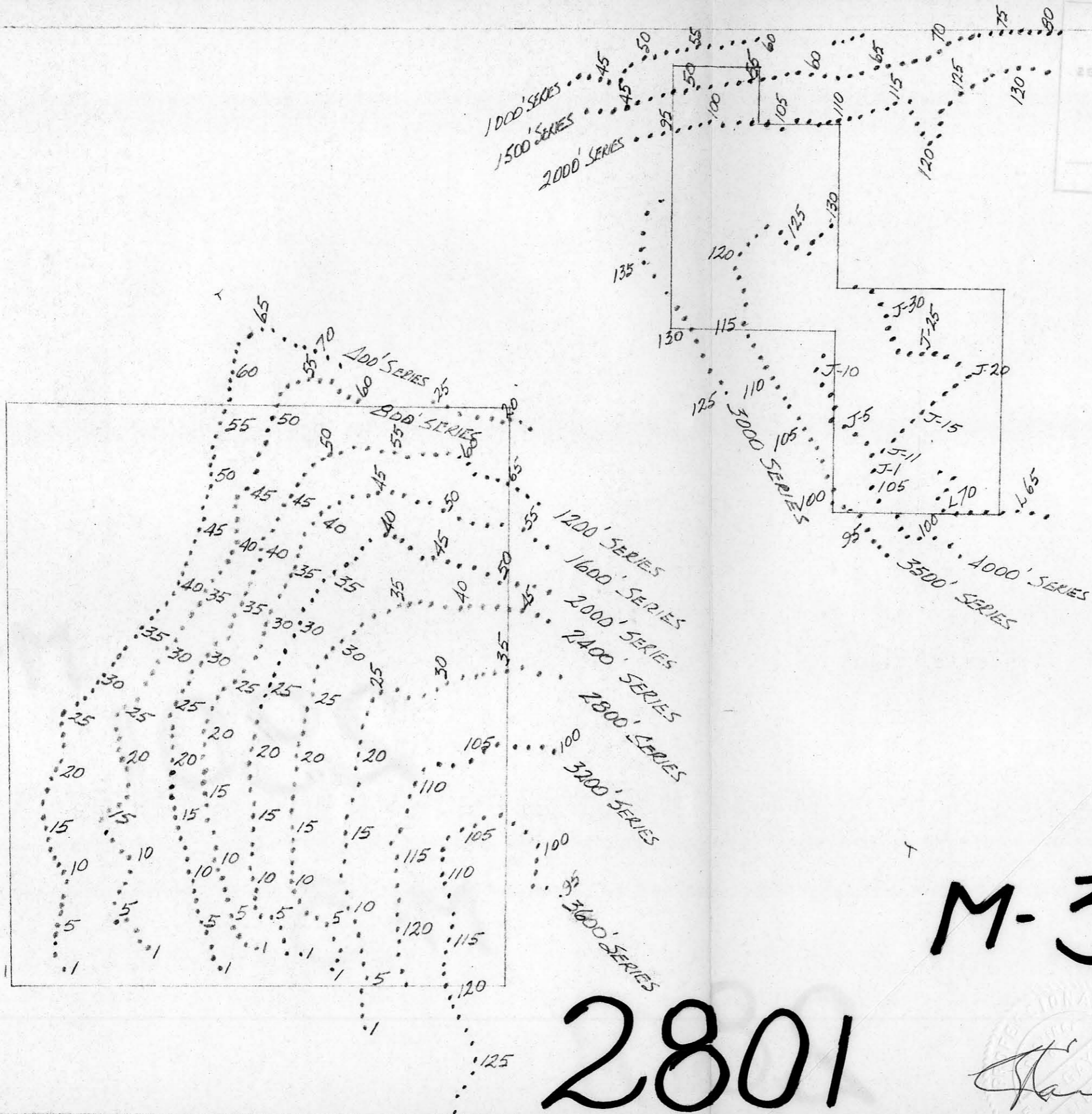


Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 MAP NO. 2801



2801 M-2

AMENDED NOV 13, 1970
 GIANT EXPLORATIONS LIMITED
 NI CLAIM GROUPS
 CLAIM MAP No 2
 Scale 1" = 2000'
 Drawn by E.R. Goyer
 To accompany geochemical report by E.R. Goyer, P.Eng. on Ni claims Harrison Lake New Brunswick MD dated Aug 21, 1970



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 MAP NO. 2801



M-3

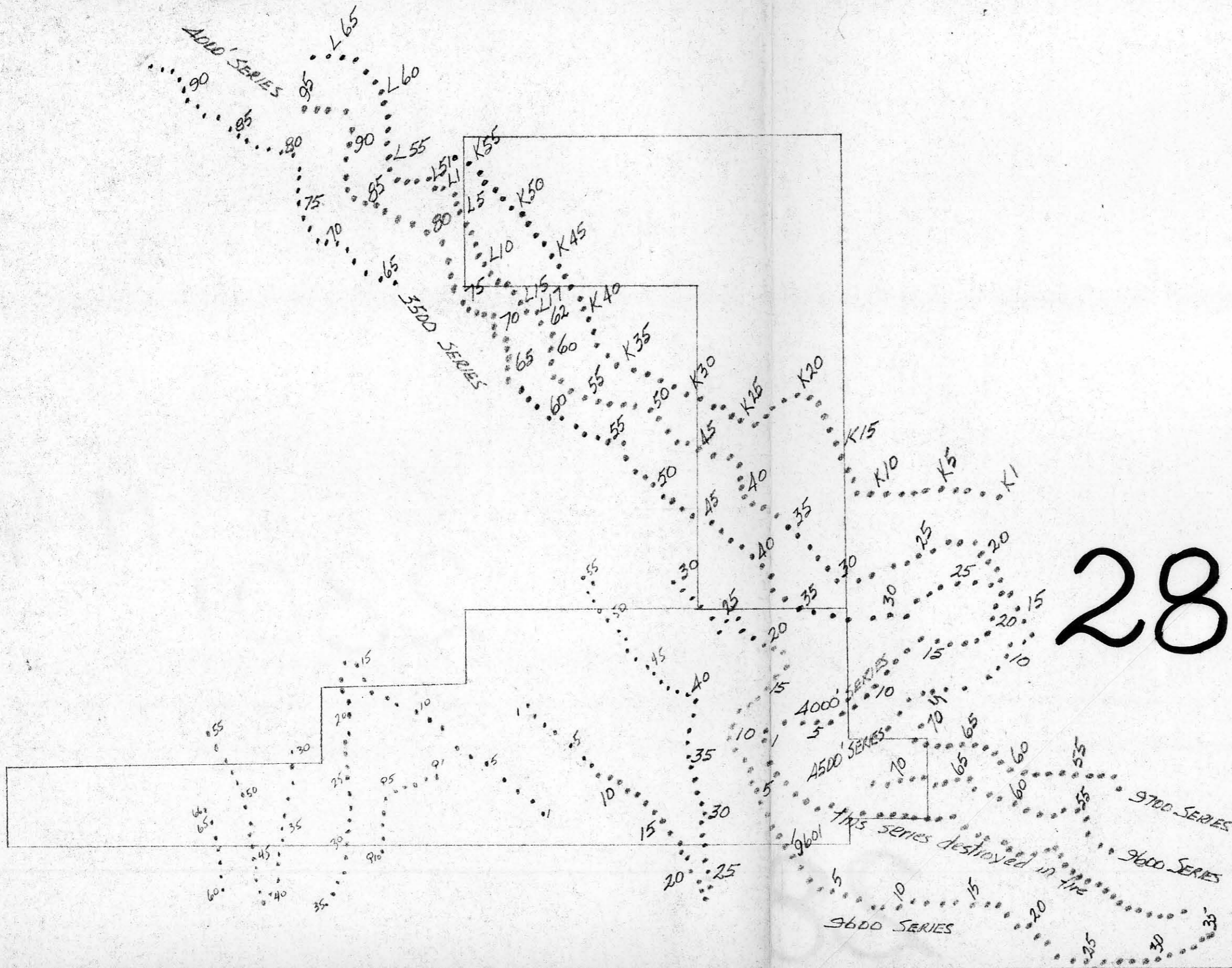
2801

GIANT EXPLORATIONS LIMITED
 TIT CLAIM GROUPS
 SOIL SAMPLE NUMBERS AND
 LOCATIONS RE MAP No 1
 MAP No 3 Scale 1" = 2000' Drawn by
 ER Gayer
 To accompany geochemical report by
 ER Gayer, P. Eng. on the claims Harrison
 Lake New Westminster, B.C. dated Aug 21 1970

ER Gayer

Department of
 Mines and Petroleum Resources
 Technical Report
 No. 10

T17



2801 M-4

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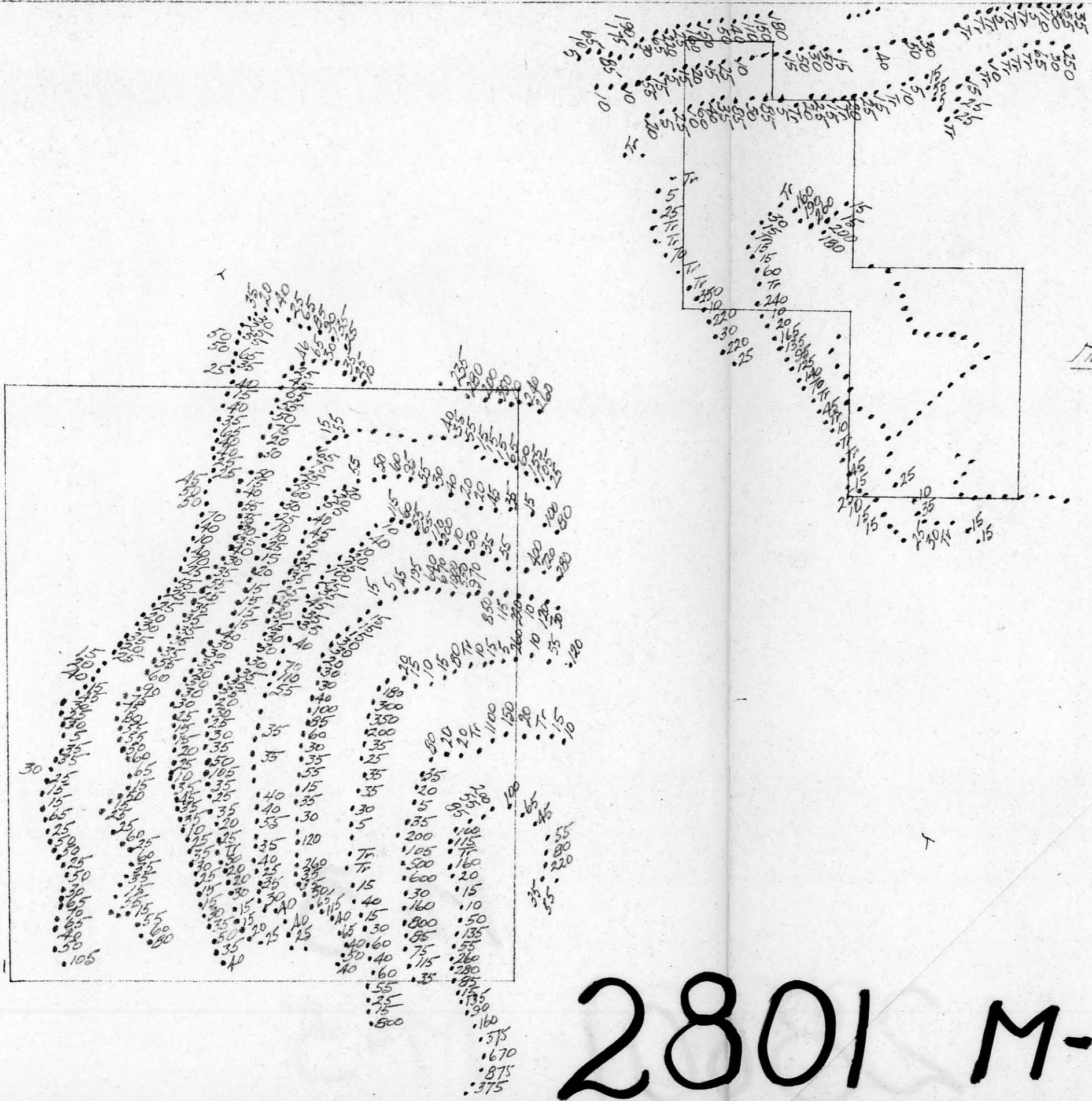
AMENDED NOV. 13, 1970

GIANT EXPLORATIONS LIMITED		
M1 CLAIM GROUPS		
SOIL SAMPLE NUMBERS AND LOCATIONS RE MAP No 2		
MAP No 4	Scale 1"=2000'	Drawn by ER Goyter
To accompany geochemical report by ER Goyter PERG on M1 claims Harrison Lake New Westminster Y.D. dated Aug 21 1970		

Department of
 and Petroleum Resources
 ASSESSMENT REPORT
 MAP 2801



*Note - samples destroyed in fire
 where blank*



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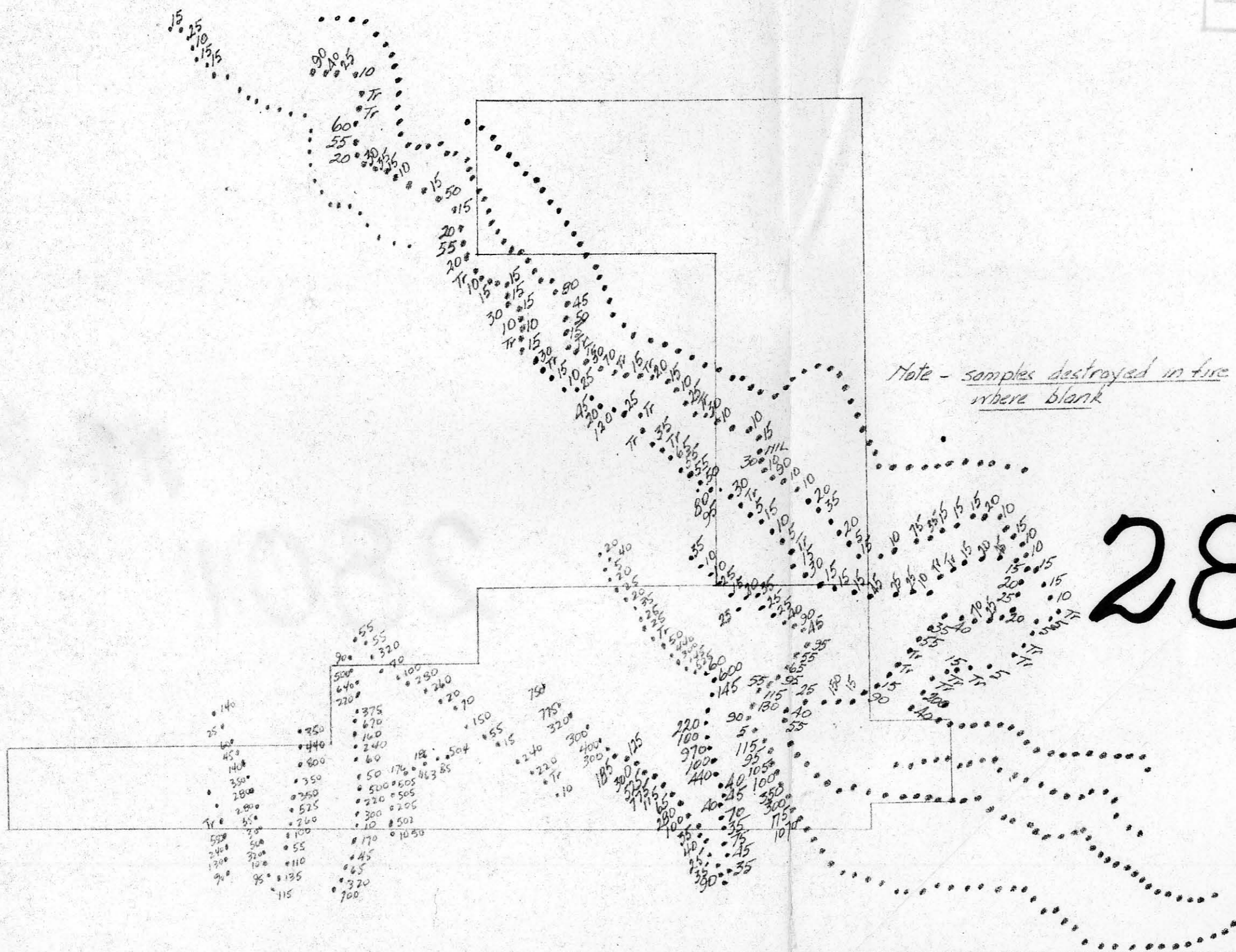
GIANT EXPLORATIONS LIMITED
 M CLAIM GROUPS

SOIL SAMPLE NICKEL VALUES
 PPM - RE-MAP No. 1

MAP No 5	Scale 1" = 2000'	Drawn by ER Gayer
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To accompany geochemical report by
 ER Gayer P. Eng. on the claims Harrison
 Lake New Westminster, B.C. dated Aug. 21, 1970

2801 M-5



*Note - samples destroyed in fire
where blank*

M-6

2801

AMENDED NOV. 13, 1970

**GIANT EXPLORATIONS LIMITED
M1 CLAIM GROUPS**

SOIL SAMPLE NICKEL VALUES
PPM - RE MAP No 2.

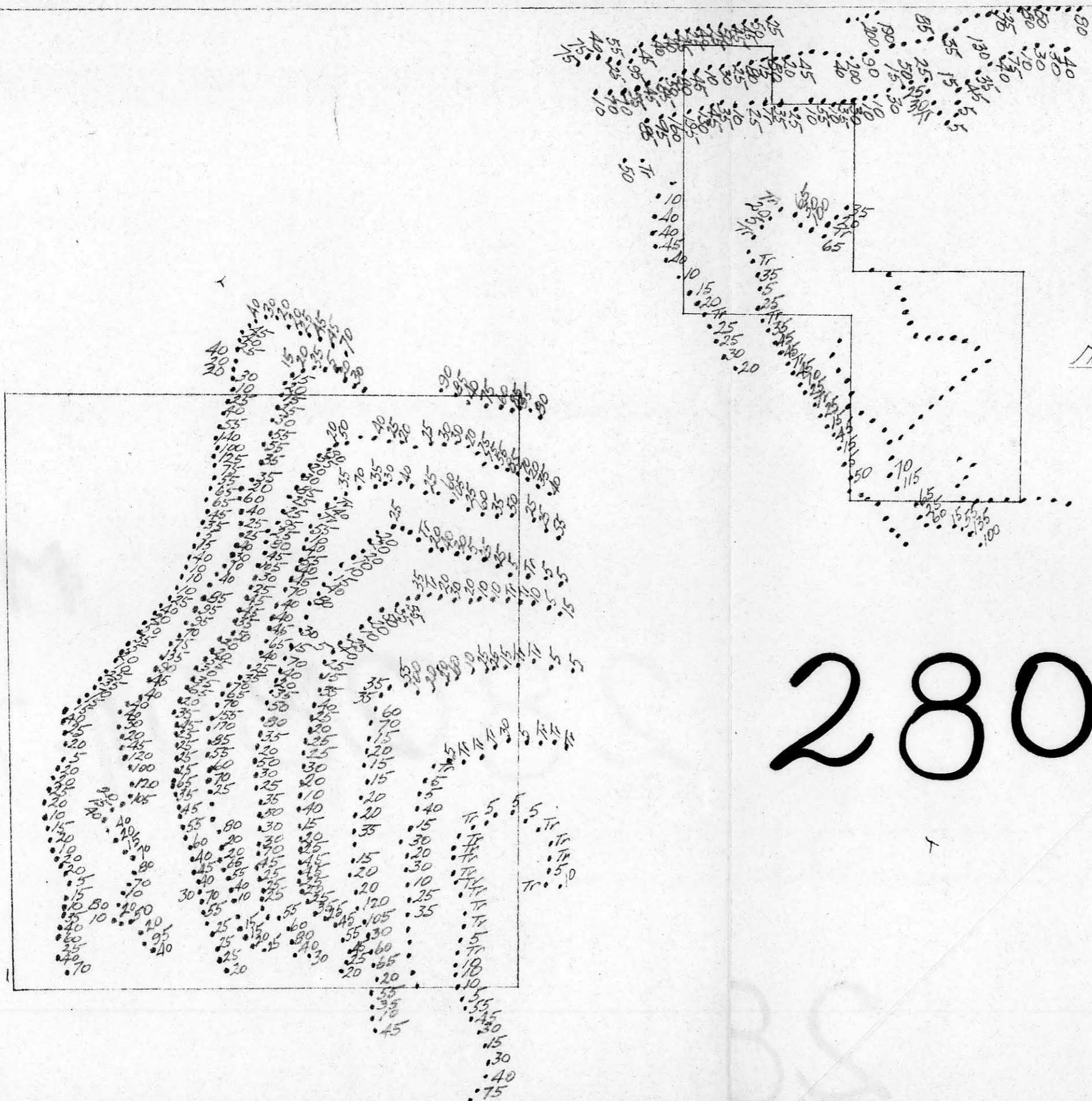
MAP No 6	Scale 1"=2000'	Drawn by ER Goyter
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To accompany geochemical report by
ER Goyter P ENG on M1 claims Harrison
Lake New Westminster, B.C. dated Aug 21 1970

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 MAP No. 7



Note - samples destroyed in fire where blank



2801 M-7

GIANT EXPLORATIONS LIMITED		
M CLAIM GROUPS		
SOIL SAMPLE COPPER VALUES		
PPM - RE MAP No 1		
MAP No 7	Scale 1" = 2000'	Drawn by E.R. Gayfer
To accompany geochemical report by E.R. Gayfer P.Eng. on M claims Harrison Lake New Westminster B.C. dated Aug 21 1970		

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 2801
 MAP



2801 M-8

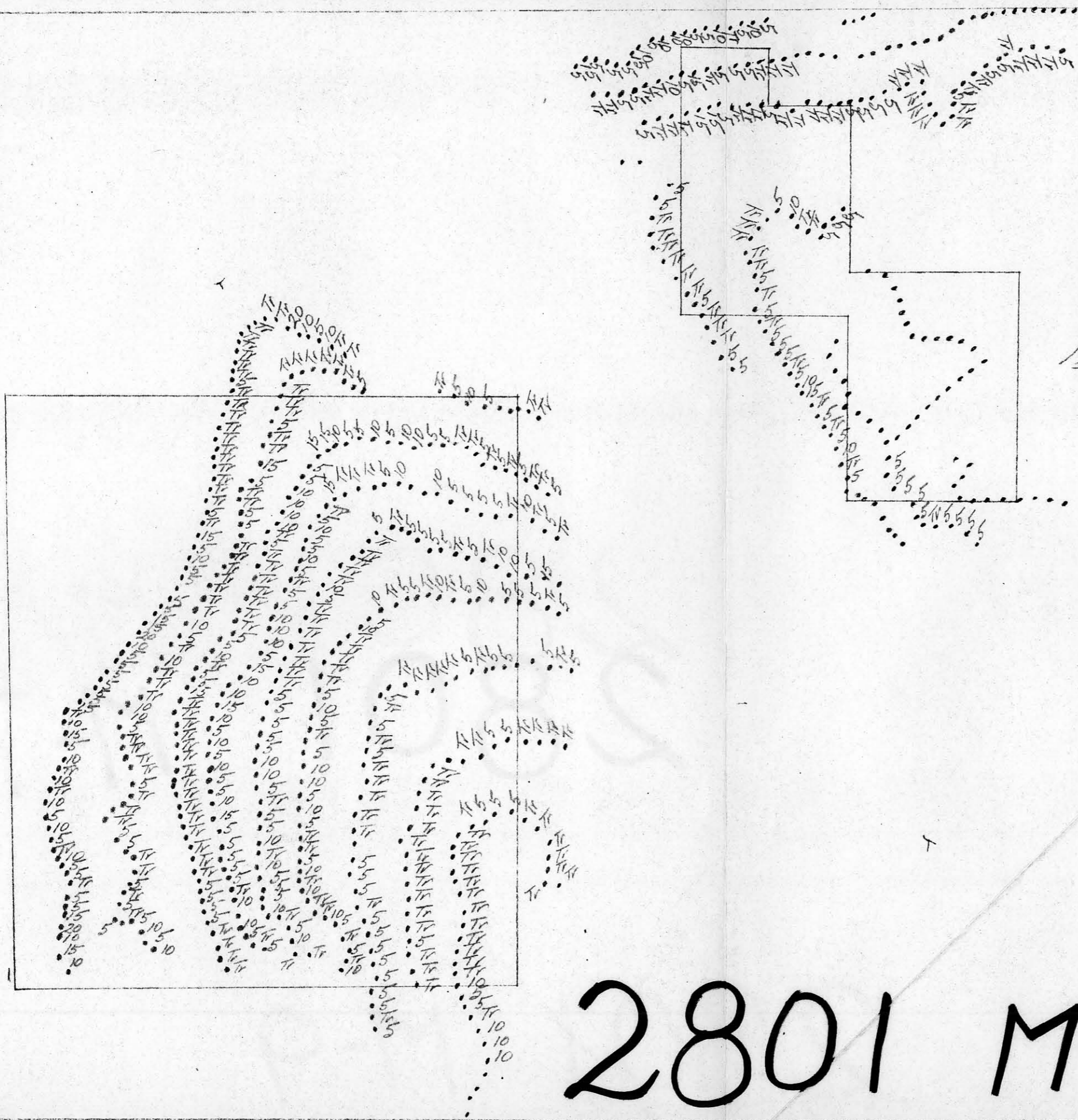
AMENDED Nov 13 1970
 GIANT EXPLORATIONS LIMITED
 M CLAIM GROUPS
 SOIL SAMPLE COPPER VALUES
 PPM - RE MAP No 2
 MAP No 8 Scale Drawn by
 1"=2000' ER Gayler
 To accompany geochemical report by
 ER Gayler PEng on M claims Harrison
 Lake New Westminster, B.C. dated Aug 21 1970

Gayler

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 2801
 MAP #



*Note - samples destroyed in fire
where blank*

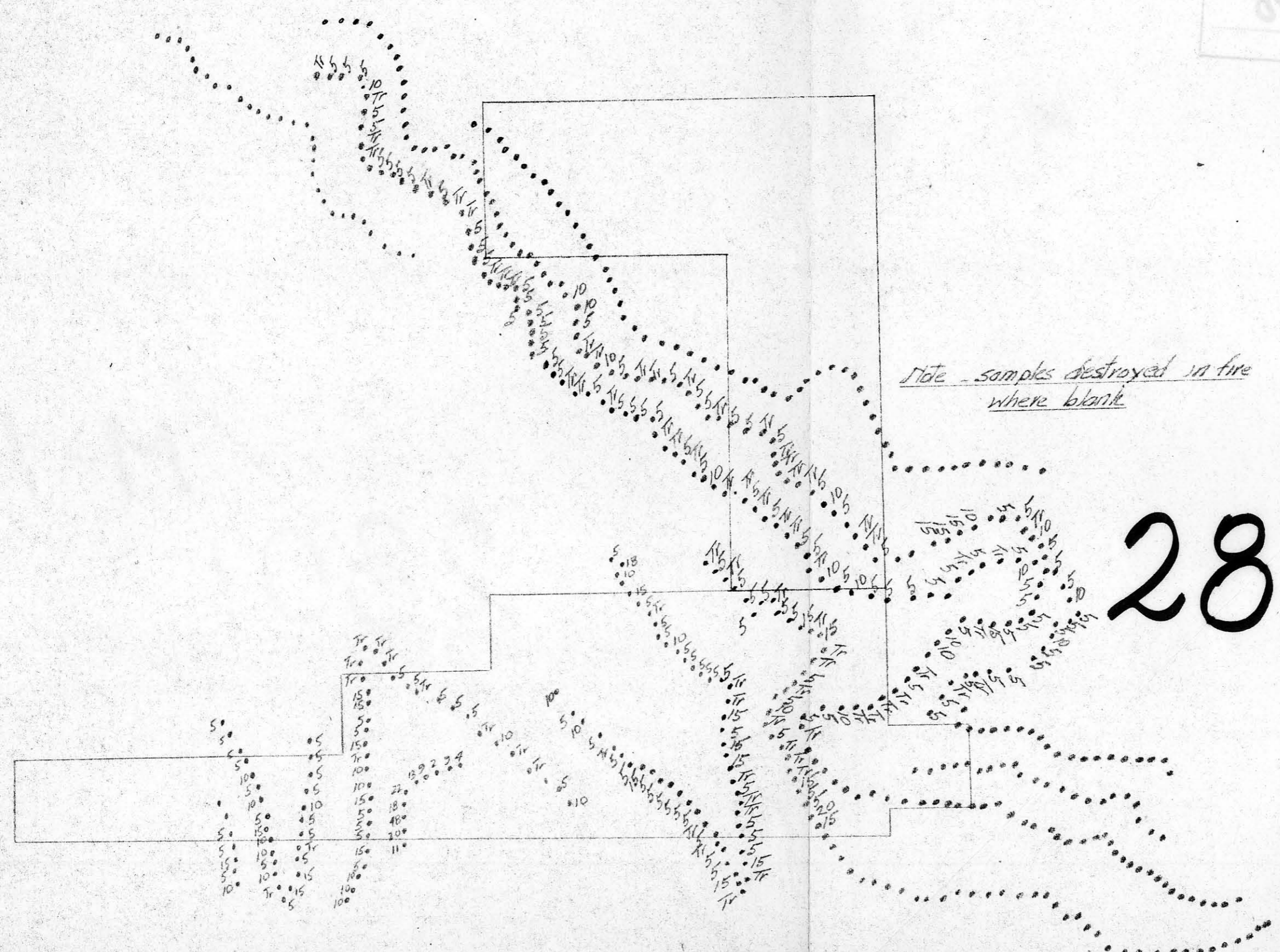


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2801 M-9

GIANT EXPLORATIONS LIMITED		
M CLAIM GROUPS		
SOIL SAMPLE LEAD VALUES		
PPM RE MAP No 1		
MAP No 9	Scale 1" = 2000'	Drawn by ER Gayter
To accompany geochemical report by ER Gayter P.Eng. on the claims Harrison Lake New Westminster B.C. dated Aug 21 1970		

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 2801
 MAP



Note - samples destroyed in fire where blank

M-10
2801

AMENDED NOV 13, 1970

GIANT EXPLORATIONS LIMITED
 M1 CLAIM GROUPS

SOIL SAMPLE LEAD VALUES
 PPM - RE MAP No 2

MAP No 10	Scale 1"=2000'	Drawn by ER Goyter
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To accompany geochemical report by
 ER Goyter PEng on M1 claims Harrison
 Lake New Westminster, B.C. dated Aug 21 1970