

GEOPHYSICAL and GEOLOGICAL REPORT
on the
P.T.REX and HIAG 81
Claims

N.T.S. 92J/10W
LILLOOET Mining Division
Lat. 50 32' Long. 122 53'

for
TENQUILLE RESOURCES Ltd.

BY
P.G.Curtis

Dated

April 1982

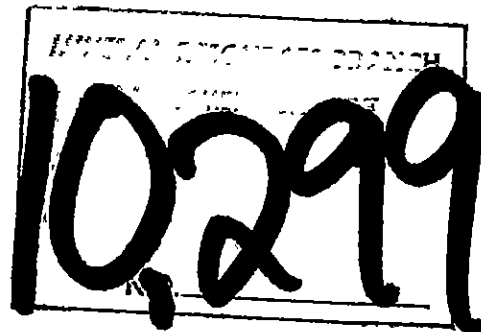


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Introduction

The claims are approximately 25 Km. NNW of Pemberton B.C. on the ridge between Tenquille Lake and Lillooet River at an elevation generally 1700 Metres.

The property consists of the following claims

Name	Units	Record No.	Expiry Date
P.T.Rex	10	1794	June 1 82
Hiag 81	20	1795	June 1 82
Santa Barbera		1788	May 28 81
Saint Paul		1791	May 28 81
Crown Fraction		1790	May 28 81

The property can be reached by a 4 Km. trail starting from the road approximately 7Km north of Pemberton Meadows.

The area first received note in the period 1913 to 1915. In the years 1922 to 1927 there was considerable exploration work performed in the area including the driving of adits and shafts and the excavation of many trenches and pits.

The ground has been held by a number of previous owners and although numerous mineral occurrences were found no systematic work was carried out. The low price of metals and the difficulty of access were the probable cause.

The property is now owned by Tenquille Resources Ltd. and they have carried out the work described in this report during 1981. The work was executed by the author of this report.

- i) a reconnaissance VLF Electromagnetic of 4.6 line Km.
- ii) Geological mapping along the EM survey lines
- iii) Sampling of some of the old trenches totaling approximately 35 m of chip sampling.

VLF EM Survey

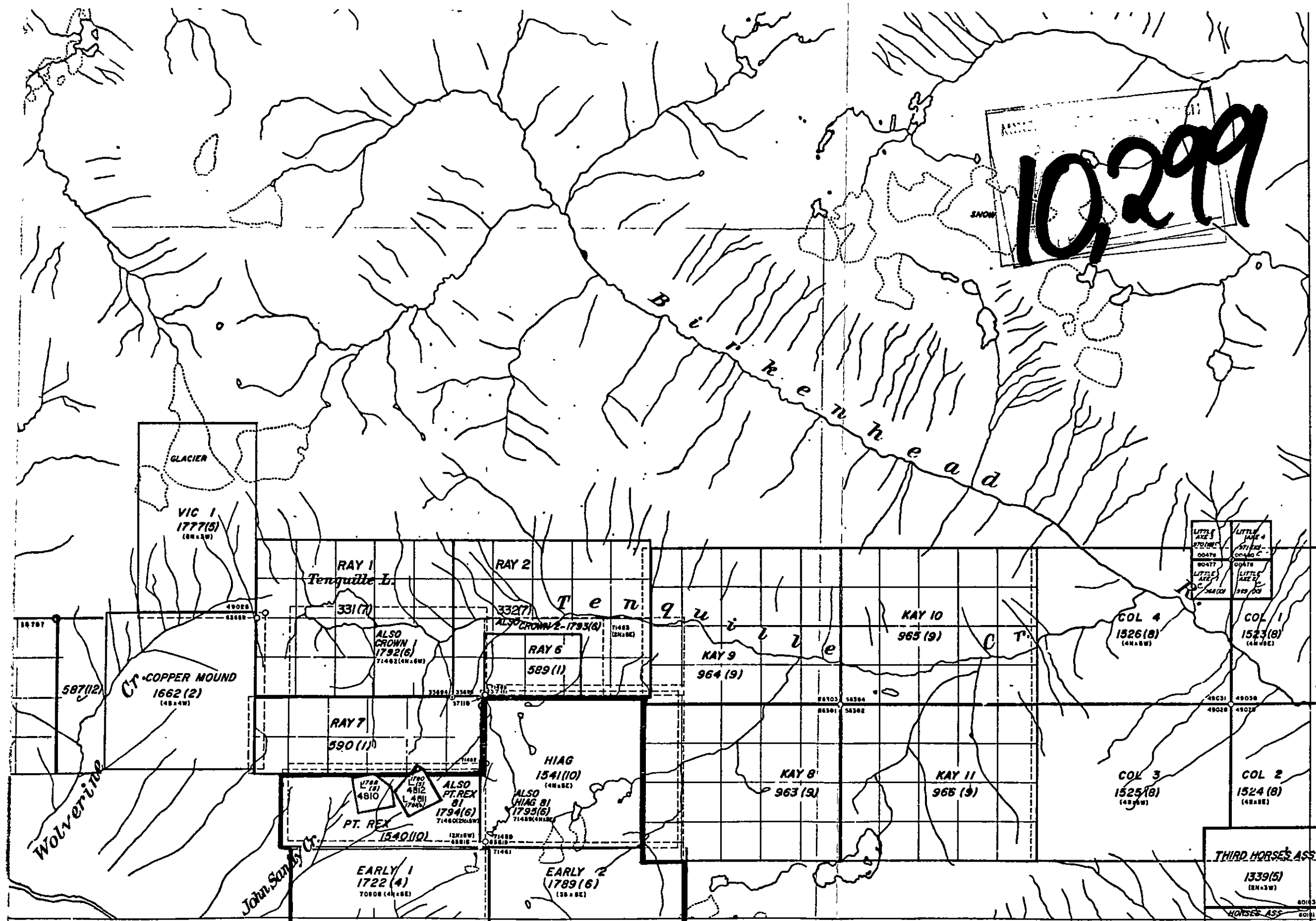
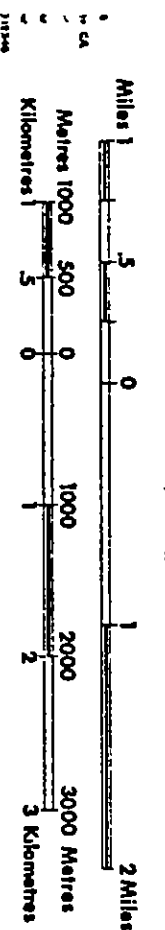
The instrument used was a SABRE model 27 receiver working off the 18.6 KHz transmitter located in Seattle Washington. The dip angle in degrees and the comparative field strength were measured. Map shows the dip angle recorded as a profile and also the conductive areas defined by contours after filtering the recorded data as described by D.C. Fraser 1969 (Geophysics, V. 34, No 6 pp 958-967) - see appendix .

The 4.6Km of the reconnaissance survey has shown that the conductive areas can be determined with a reasonable degree of certainty if the density of reading stations is adequate. Although this survey was carried out in the area with the greatest number of known mineral showings it does indicate that blind conductive occurrences can also be located and that their relationship to the known showings should be discernable.

GEOLOGICAL Mapping

The geological information was gathered while carrying out the EM survey and therefor only indicates the rock types crossed by the survey lines. Outcrops occurring between the lines have not in general been recorded . With such limited information it is not possible at this time to compile a geological map in the normally acceptable form. A map is attached showing rock types encountered and giving the location of the mineral occurrences observed.

The area in general is underlain by a volcanic series. Included in the series are beds and lenses of limestone and tuffs. This series is of upper triassic age and is part of the Pioneer formation (G.S.C. paper 73-17). One outcrop was observed (NE corner of survey) which does not appear to be of



UNLESS VERIFIED OR SURVEYED, THE MAP POSITION OF A
 LEGAL CORNER POST IS BASED ON THE LOCATOR'S SKETCH. FOR FURTHER
 TECHNICAL INFORMATION, APPLY TO THE OFFICE OF THE MINING DIVISION.
 DATE OF MICROFILM: 8/108/06

GET MINING DIVISION
 for date information on
 any area you should
 consult the Mining Recorder
 Mining Division con-

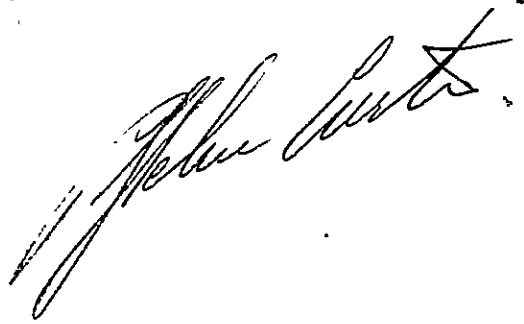
TO SOUTH SEE MAP 92J/17W
 DEPARTMENT OF MINES AND PETROLEUM RESOURCES
 VICTORIA, B.C.

TENQUILLE RESOURCES LTD.
 HIAG Group.

(SEE ALSO PL.
 92J/1

this series and lies unconformably above it, referred to as an arkosic gneiss by the author, the strike is SW-NE and dip 45 to the NW, the gneissosity was noted as N 40 E with a dip of 80 SE.

The mineral showings indicated on the map as Fe Skarn consist mainly of magnetite and pyrrhotite with minor chalcopyrite, pyrite, galena, and sphalerite. Assays from the north eastern showings indicate quite substantial gold values

A handwritten signature in cursive script, likely reading "John Carter", is written in the lower right quadrant of the page. The signature is written in dark ink and is slanted downwards from left to right.

ACME ANALYTICAL LABORATORIES LTD.
 253 E. HASTINGS ST. VANCOUVER BC V6A-1R6
 (604) 253-3158 TELEX 04-53124

ICP ASSAY ANALYSIS

=====

DIGESTION: 1 GRAM AQUA REGIA
 FINAL VOLUME: 100 ML
 DETERMINATION: DIRECT READING ICP EMISSION SPECTROMETER
 RESULTS: IN PERCENT
 W IS SUBJECT TO ZN INTERFERENCES
 *

*HO/T 1 TENGUILLE RESOURCES FILE# 81-1357
 EGC

BURN # 1 AY16 9:56 22SEPT81
 1346

MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS
.0087	.0633	.0011	.2657	-.000	.0019	.0261	.3398	30.71	.0025
U	IS	TH	IS	CD	SB	BI	V	CA	P
-.000	.0045	.0002	.7781	.0038	.0086	.0023	-.002	4.099	.0545
LA	IN	MG	BA	TI	B	AL	IS	IS	W
.0059	.0056	.6418	.0023	.0278	-.017	1.055	.0233	.0017	-.000

*HO/T 2
 EGC

BURN # 1 AY16 9:57 22SEPT81 *Ag 3.10g/ton*
 1346

.0118	.1026	1.134	3.107	.0106	.0039	.0152	.1018	44.68	.0032
.0004	.0059	.0008	.3156	.0196	.0096	.0182	-.007	.1241	.0640
.0082	.0081	.1198	.0005	.0020	-.025	.3170	.3007	.0018	.0060

*O/T 3
 EGC

BURN # 1 AY16 9:58 22SEPT81
 1346

.0032	.0398	.0856	.2414	.0010	.0016	.0043	1.125	12.27	.0014
-.002	.0015	.0001	1.175	.0023	.0214	.0033	-.000	19.74	.0379
.0025	.0023	.1876	.0011	.0087	-.006	.2410	.0201	.0019	.0328

*



To: TenQuille Resources
 204 - 4464 W. 10th Ave.,
 Vancouver, B.C.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

File No. 81-1357

Type of Samples Rock

Disposition _____

Attn.: P.G. Curtis

ASSAY CERTIFICATE

No.	Sample	Ag oz/ton	Au oz/ton					No.
1	T 2	3.26	.140					1
2								2
3								3
4								4
5								5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED Sept. 15, 1981

DATE REPORTS MAILED Sept. 28, 1981

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
 CHIEF CHEMIST
 CERTIFIED B.C. ASSAYER



To: Tenquille Resources,
204 - 4464 W. 10th Ave.,
Vancouver, B.C.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

File No. 81-1466
Type of Samples Rocks
Disposition _____

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton		No.
1	PC 10	.01	.01	.02	.01	.001		1
2	PC 11	.01	.02	.04	.12	.001		2
3	PC 12	.01	.01	.01	.02	.001		3
4								4
5								5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

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DATE SAMPLES RECEIVED Sept. 25, 1981

DATE REPORTS MAILED Sept. 29, 1981

ASSAYER

al Toye

DEAN TOYE, D.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



ACME ANALYTICAL LABORATORIES LTD.

To: TenQuille Resources,
204 - 4464 W. 10th Ave.,
Vancouver, B.C.

Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B. C. V6A 1R6
Telephone: 253 - 3158

Attn.: Mr. P.G. Curtis

File No. 81-1715

Type of Samples Rock

Disposition _____

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Ag oz/ton	Au oz/ton			No.
1	PC 15	.06	.01	.03	.184			1
2	16	.05	.01	.03	.012			2
3	17	.26	.92	3.54	.072		-	3
4	18	.07	.01	.11	.016			4
5	19	.04	.06	.29	.088			5
6	20	.18	.66	4.10	.196			6
7	21	.09	.01	.04	.026			7
8	22	.02	.01	.06	.001			8
9	23	.11	.01	.02	.001			9
10	24	.21	.01	.05	.001			10
11	25			.01	.001			11
12	26			.01	.001			12
13	27			.01	.001			13
14	28			.01	.003			14
15	29			.01	.001			15
16	30			.02	.110			16
17	31			.52	.008			17
18								18
19								19
20								20

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DATE SAMPLES RECEIVED Oct. 28, 1981

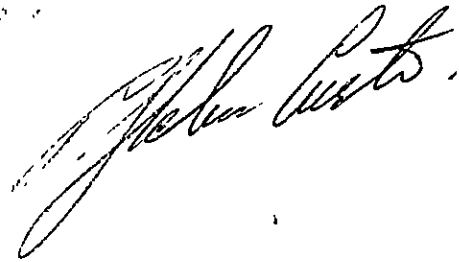
DATE REPORTS MAILED Nov. 6, 1981

ASSAYER *D. Toy*

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

-Statement of Costs

Wages	P.Curtis (supervisor) 9 days @ \$150	1350.00
	B.Sauwer (assistant) 9 days @ \$115	1035.00
Food and accomadation		629.56
Assays	14 samples for Cu.Pb.Ag.Au.	
	3 samples spectrographic	278.25
Helicopter access		3629.00
Report writing		<u>500.00</u>
	Total	7421.81



Appendix 3

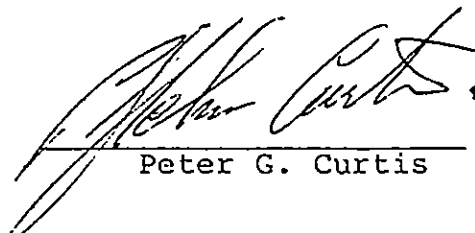
Qualifications of supervisor and author
of this report.

I am a graduate of the Camborne School
of Mines, Cornwall, England; with an
additional diploma in applied geochemistry.

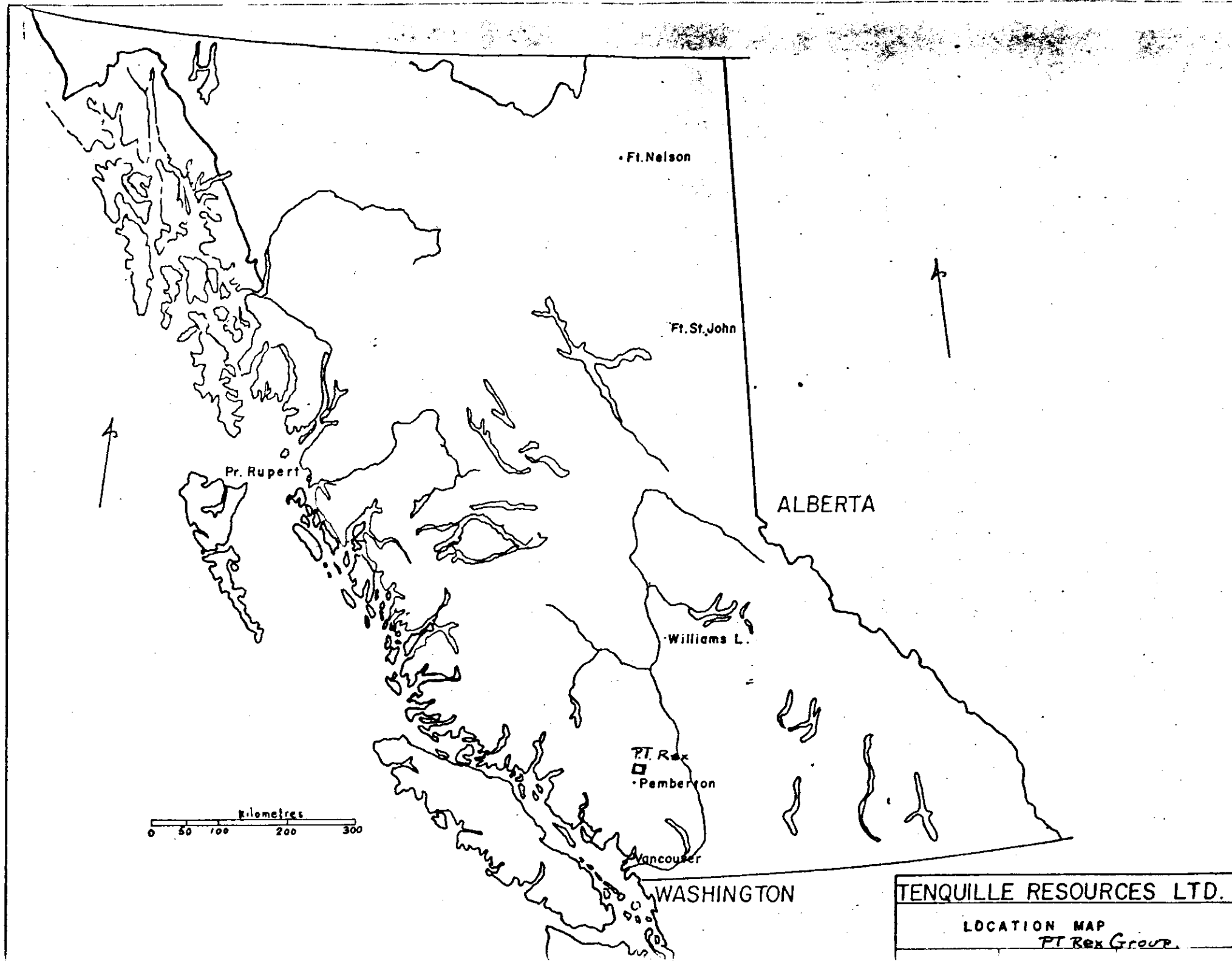
I have been employed in mineral exploration
in Canada since 1967 (10 years with ASARCO
Exploration Co. of Canada Ltd.)

I am a Fellow of the Geological Association
of Canada.

Dated at Vancouver, British Columbia, this
25 day of March, 1982.

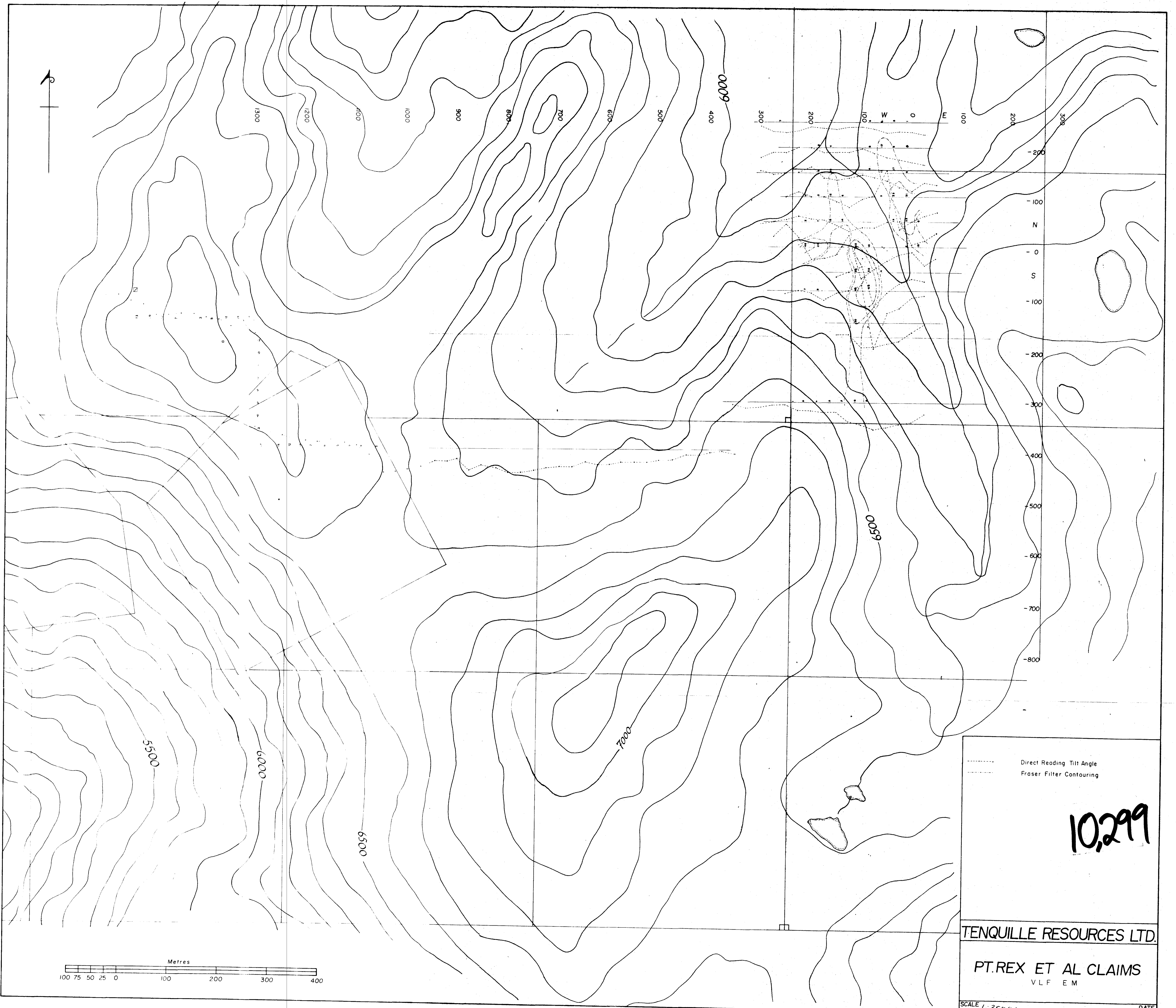


Peter G. Curtis



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LOCATION MAP
FT. REX GROUP



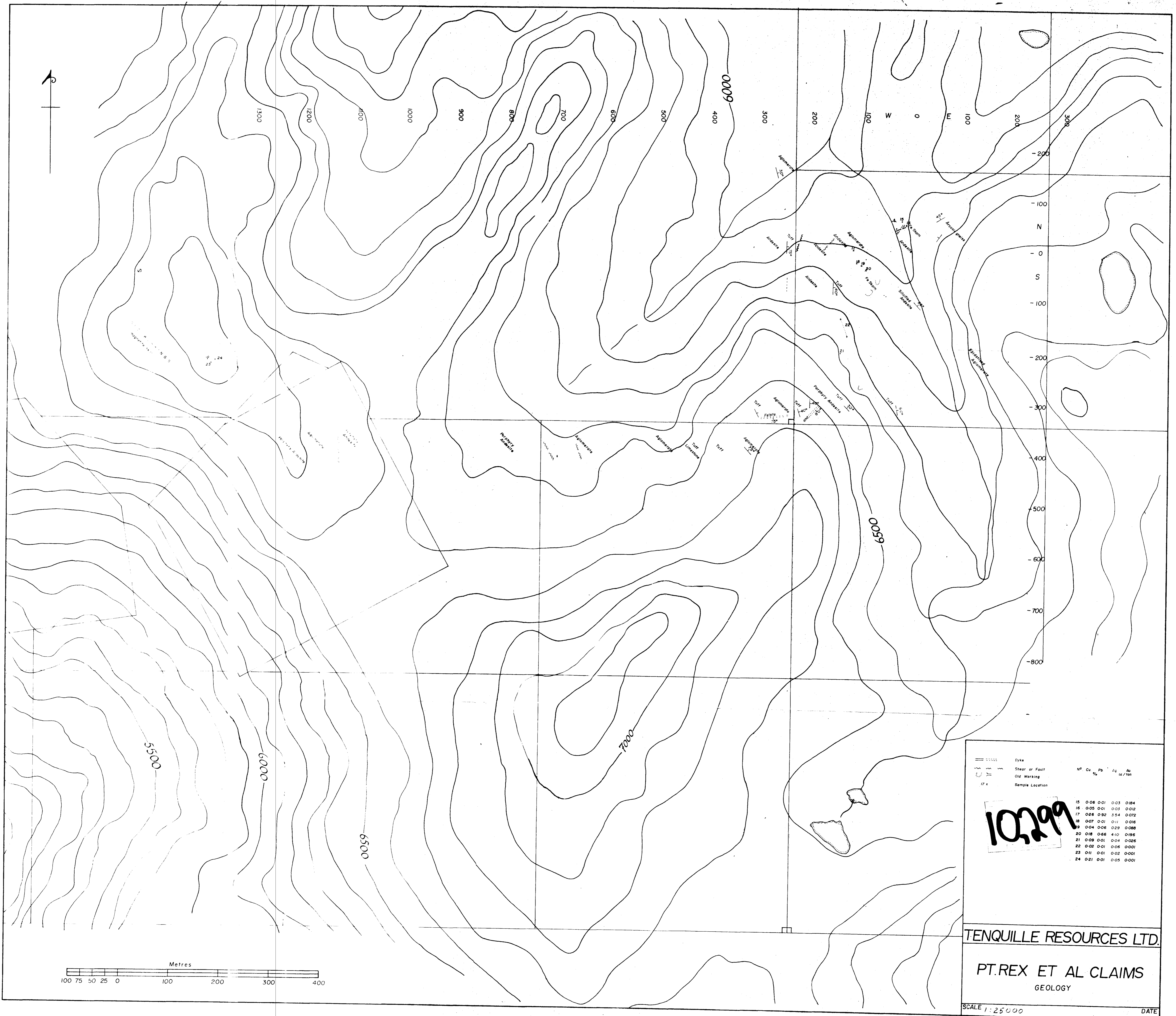
..... Direct Reading Tilt Angle
----- Fraser Filter Contouring

10,299

TENQUILLE RESOURCES LTD.

PT. REX ET AL CLAIMS
VLF EM

SCALE 1:25000 DATE



Sample Location	No	Cu %	Pb %	Zn %	Au oz/ton
15	0.06	0.01	0.03	0.184	
16	0.05	0.01	0.03	0.012	
17	0.28	0.92	3.54	0.072	
18	0.07	0.01	0.11	0.016	
19	0.04	0.06	0.29	0.088	
20	0.18	0.66	4.10	0.196	
21	0.09	0.01	0.04	0.026	
22	0.02	0.01	0.06	0.001	
23	0.11	0.01	0.02	0.001	
24	0.21	0.01	0.05	0.001	

TENQUILLE RESOURCES LTD.

PT. REX ET AL CLAIMS
GEOLOGY

SCALE 1:25000 DATE