MAP No. 106 D 4	ASSESSMENT REPORT N. M. E. A. P. CONFIDENTIAL OPEN FILE ☐	I.S.N. 134626 TYPE OF WORK: MAYO M.D. TRENCHING
REPORT FILED UNDER	PESO SILVER MINES LTD.	DOCUMENT NO. 091699
DATE PERFORMED	1977	DATE FILED: JANUARY 1978
LOCATION - LAT.	64°01'	AREA: SECRET CREEK-HAGGART CREEK
LONG.	135°58'	
CLAIM NO.	REX 1-8 61524-61531	
	PESO 1, 2, 11, 12, 7, 8; 59282, 59283, 59397, 59398, 59288, 59289	
	MIC 1-8 YA15331-YA15334; YA15336-YA15338	
VALUE $		
WORK DONE BY	G. GUTRATH	
WORK DONE FOR	ATLED EXPLORATION MANAGEMENT LTD.	
REMARKS	Two trenches totalling 565' were dug, removing 736 yd^3 of material. Two veins were trenched and assayed 4.5' of 9.29 oz/ton Ag with .0017 Au, and 4.5' of .42 oz/ton Ag with .003 oz/ton Au respectively on the Rex and Peso-Mic claims.	

#15 Peso (REX)

Department of Indian Affairs & Northern Development
Northern Natural Resources and Environment Branch
FEB 17 1978
Mayo Mining Recorder

GEOLOGICAL REPORT

on the

1977 TRENCHING PROGRAM

PESO - REX PROPERTY

SECRET CREEK - HAGGART CREEK AREA

MAYO MINING DISTRICT
106-D-4

CLAIM	GRANT NUMBER	EXPIRY DATE
Rex 1 to 8 incl.	61524 to 61531 incl.	March 4, 1978
Peso 1 & 2	59282 & 59283	February 22, 1978
Peso 11 & 12	59397 & 59398	February 22, 1978
Peso 7 & 8	59288 & 59289	February 22, 1978
Mic 1 to 4	YA15331 to YA15334 incl.	July 7, 1978
Mic 6 to 8	YA15336 to 15338 incl.	July 7, 1978

on behalf of

PESO SILVER MINES LIMITED

G. GUTRATH, P. ENG

ATLED EXPLORATION MANAGEMENT LIMITED

091699

January, 1978

1977 TRENCHING PROGRAM

PESO - REX CLAIMS GROUPS
PESO SILVER MINES LIMITED
MAYO MINING DISTRICT

INTRODUCTION

A bulldozer trenching program was carried out on the Rex Claim Group and Peso Claims Group from September 30 to October 4, 1977 at the request of D. M. Mercier, President of Peso Silver Mines Limited.

The trenching program was part of a re-evaluation of the Secret Creek silver veins by the present Peso management.

The trenching was done with a D7 Caterpillar operated by V. Falk and under the field supervision of the writer.

WORK COMPLETED

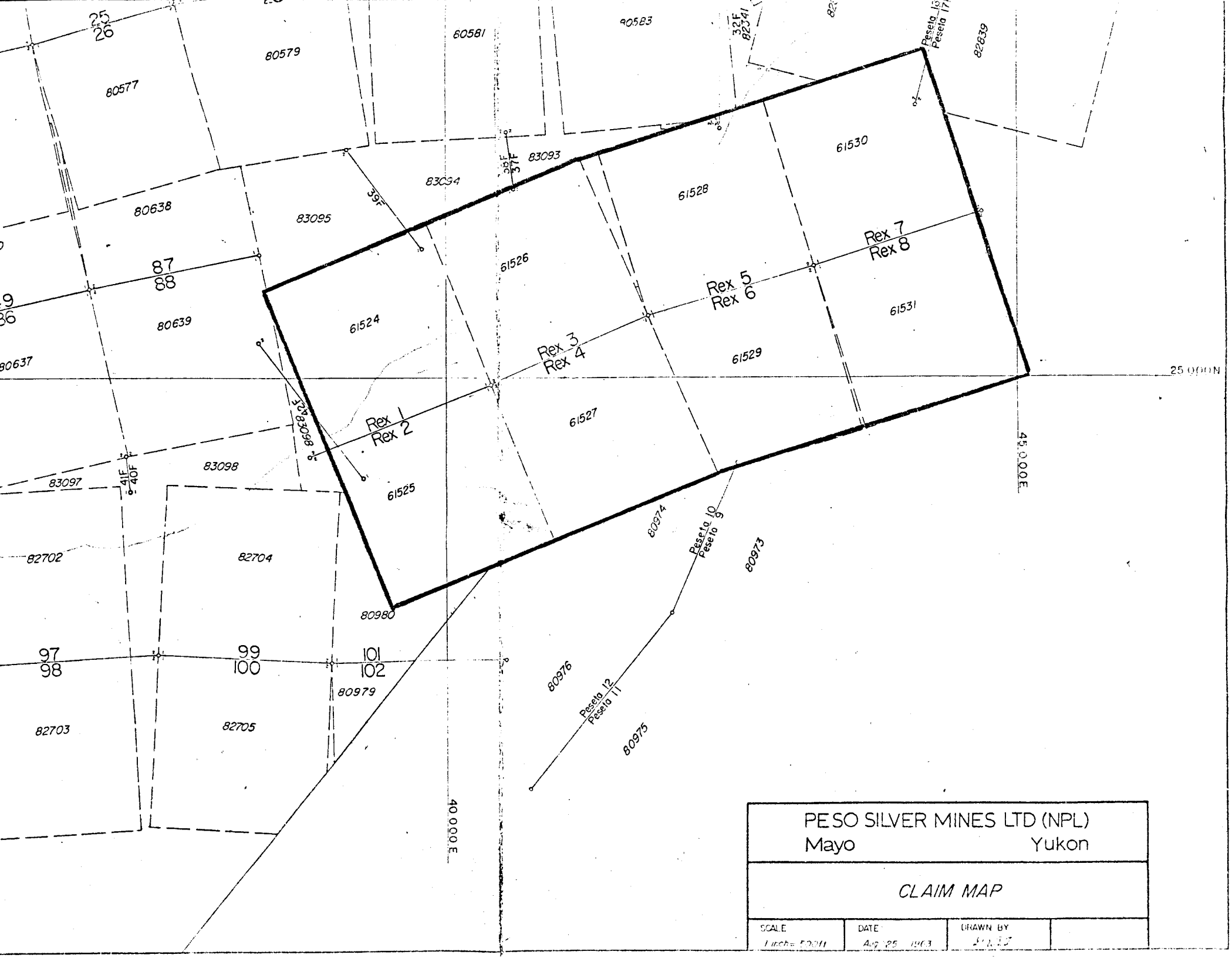
REX CLAIM GROUP

Two trenches were completed on the Rex claim.

	Length	Width	Depth	Cubic Yards'
Trench 1	275'	14'	2'	285 yd^3
Trench 2	290'	14'	3'	451 yd^3
			Total	736 yd^3

The first trench was dug at S 70 W along the strike of the Rex vein in order to determine the continuity of the mineralization and to get fresh vein material for samples.

The second trench was dug at N 50 W across the strike of the Rex vein in order to see if the vein had been offset by faulting.



PESO SILVER MINES LTD (NPL)

Mayo Yukon

CLAIM MAP

SCALE	DATE	DRAWN BY	
1 inch = 500ft	Aug 25 1983	[illegible]	

a) RESULTS

The first trench traced the vein-zone for its entire length of 275 feet. Two samples were taken along the vein.

	Number	Width	oz. /T Silver	oz. /T Gold
Sample 1	54552	1.5'	9.96	0.001
	54553	3.0'	8.96	0.002
	Weighted Average	4.5'	9.29	0.0017
Sample 2	54554	5.0'	7.08	0.012

The vein-fissure zone could be traced 150 feet to the SW beyond the trench in broken rock-rubble that had been stripped of overburden. However, the vein weakens at this point and could not be traced any further to the southwest.

Trench 2 was dug across the strike of the Rex vein to see if the fault offset portion of the vein could be located. At the projected strike of the Rex vein the trench intersected a strong unmineralized yellow fault gouge zone. Seventy feet to the south west the trench uncovered a south westerly striking fissure vein zone that may represent the extension of the Rex vein. The zone is highly oxidized and is affected by the close proximity of the cross-cutting fault. Two grab samples of fresher material were taken from this zone for assay.

	Silver oz. /T	Gold oz. /T
#54555	7.92	0.005
(Grab.)	3.38	0.005

...../3

b) COMMENT

Additional trenching is required to the southwest of the newly located offset (?) portion of the Rex vein. Previous work had been concentrated to the southwest along the projected strike of the main vein.

PESO CLAIM GROUP

Ten trenches were dug along the strike of a northeasterly trending fissure-vein zone. This zone lies to the south of the main workings on the Peso Claim Group. Some old trenches had been dug with a narrow-blade bulldozer in the early 1960's. These trenches were cleaned out, widened and fresh rock exposed. Additional fill in trenches were dug to assist in tracing the zone along strike.

Name	Length	Width	Depth	Cubic Yards
T-1	60'	14'	3.0'	93 yd^3
T-2	85'	14'	3.5'	154
T-3	100'	14'	3.0'	155
T-4	90'	14'	3.0'	140
T-5	100'	14'	3.5'	181
T-6	110'	14'	3.0'	171
T-7	104'	14'	3.5'	188
T-8	120'	14'	3.5'	217
T-9	100'	14'	4.0'	207
T-10	155'	14'	4.0'	321
			Total	1827 yd^3

All the trenches were dug across the strike of the zone and the majority of the trenches reached solid, relatively fresh bedrock.

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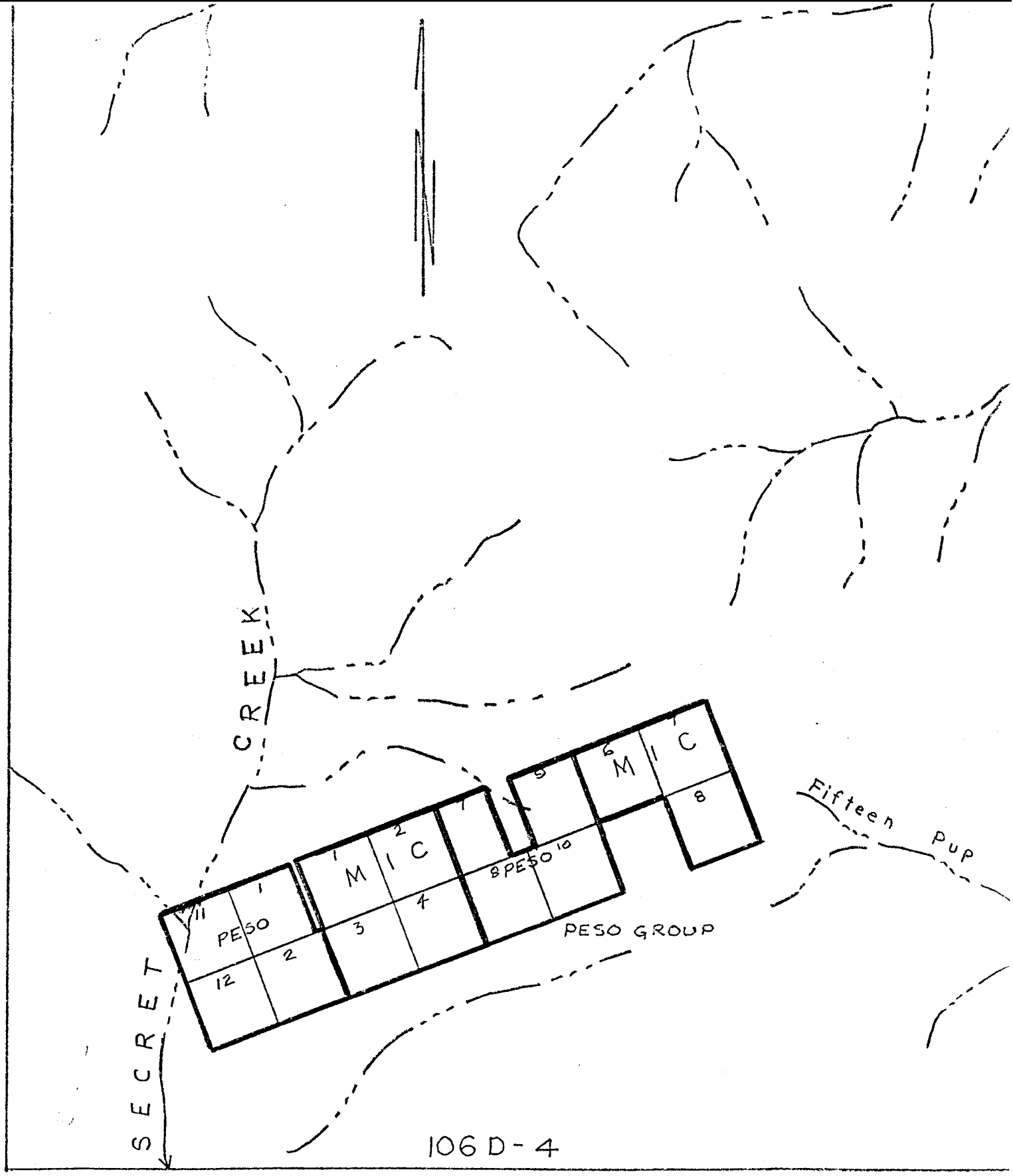
..... /4



CLAIM MAP

SCALE 1/2MILE = 1 INCH

091699

a) RESULTS

Stibmite, galena, and sphalerite mineralizations associated with quartz veining in a fault-fissure zone is found in a number of the trenches. The sulphide content of the zone varies rapidly along strike. The zone appears to be offset by a number of northwesterly faults. The fissure-vein zone can be traced from T-3 to T-7 a distance of 400 feet.

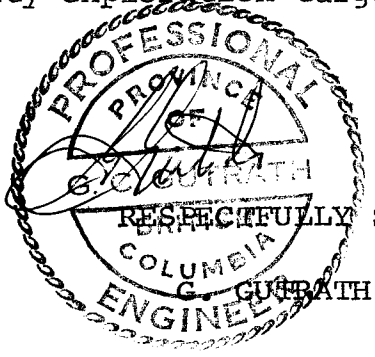
Samples were collected for assay from a number of the trenches.

Trench	Number	Width	Silver oz/T	Gold oz/T
T-1	54557	2.0'	0.12	(0.003
T-3	54558	5.0'	0.04	0.003
T-4	54559	3.0'	0.02	0.003
T-5	54560	4.5'	0.42	0.003
T-6	54561	3.0'	0.18	0.003
T-7	54562	2.0'	0.20	0.003

The majority of the samlles were quite lightly oxidized and it is possible that silver values have been leached out of the zone. However, this zone does not appear to have the grade or continuity of the Rex vein.

COMMENT

The vein is a very low priority exploration target and is of little economic interest.



RESPECTFULLY SUBMITTED

G. GUTRATH, P. ENG.

091699

MIC 1

MIC 2

MIC 3

MIC 4

54557 03/T 0.12 Ag <0.003 Au

Minor sulphides oxidized Quartz Vein

T-1

T-2

35 grey graphitic phyllite

T2

T3

grey phyllite

50

39

White qtz. vein with orange yellow gouge

54559 03/T 0.02 Ag <0.003 Au

54558 03/T 0.04 Ag <0.003 Au

T-4

T-3

T4

T5

54560 (4.5') 03/T 0.42 Ag <0.003 Au

1" massive galena antimony + sphaleurite

Zone of alteration intense shearing, graphitic schist gouge, yellow oxides

T-5

CLAIM POSTS

T6

T7

stibnite vein

qtz vein

Quartz vein sheared, altered zone

T-6

54562 03/T 0.20 Ag <0.003 Au

54561 (3') 0.18 Ag 0.003 Au

Quartz vein oxidized grey schist

Poorly Mineralized

Quartz Vein

20-60° Possible fold

T-7

T-8

Approximate extent of galena - stibnite - sphalerite mineralized fissure - vein zone

T-1 Trench

T9

Not mineralized

Quartz Vein

+0

30

Oxidized zone

T-9

TOTE ROAD

T10

Grey fissile phyllite

Oxidized zone

Yellow oxidized zone

Massive, dark grey schist

EOH

T-10

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA

PESO SILVER MINES LTD (NPL)
Mayo Mining District, Yukon

TRENCHING
OCTOBER, 1977

1 inch = 50 ft | Jan / 78 | SG

0 50

091699

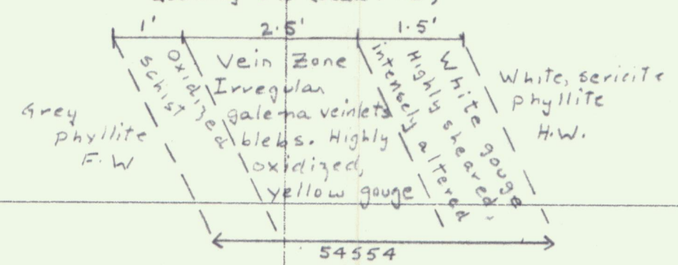
REX 5

REX 7

REX 8

REX 6

Looking S.W. (Scale 1"=2')



54554
oz./T. 7.08 Ag
0.012 Au

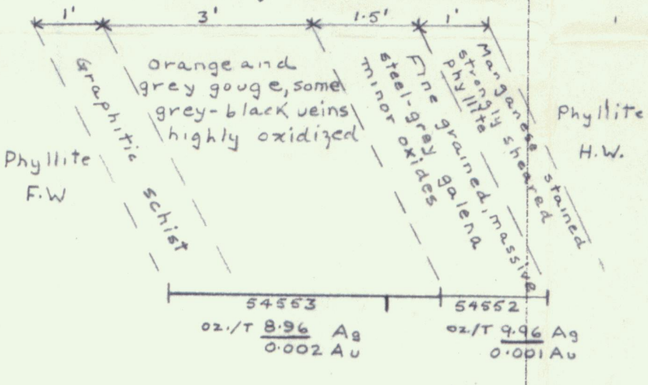
CLAIM POSTS

162

165

225

Looking S.W. (Scale 1"=2')



54553
oz./T 8.96 Ag
0.002 Au

54552
oz./T 9.96 Ag
0.001 Au

54555 (grab
oz./T. 7.92 Ag
0.005 Au

(Grab)
oz./T 3.38 Ag
0.005 Au

2-3' Quartz vein
Oxidized fissure vein zone

Possible extension of Rex fissure-vein zone

0 50

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. McGRATH

PESO SILVER MINES LTD (NPL)
Mayo Mining District, Yukon

TRENCHING
OCTOBER, 1977

1 inch = 50 ft. | Feb./78 | G G