

MAP NO.: ASSESSMENT REPORT X
115 I 1 PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092118
MINING DISTRICT: WHITEHORSE
TYPE OF WORK: SILT SURVEY

REPORT FILED UNDER: Dominion Explorers Inc.

DATE PERFORMED: August 1987

DATE FILED: March 15, 1988

LOCATION: LAT.: 62° 04'N

AREA: Carmacks

LONG.: 136°04'W

VALUE \$: 800.00

CLAIM NAME & NO.: PEL 1-8 YA97105-112

WORK DONE BY: Robert Edison

WORK DONE FOR: Dominion Explorers Inc.

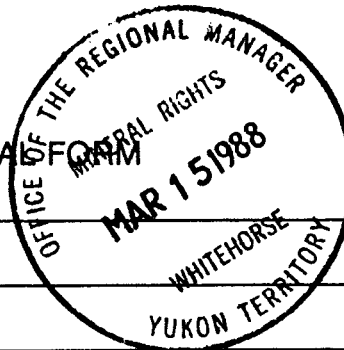
DATE TO GOOD STANDING:

REMARKS: #119 PEL

Eight bulk silt samples were taken along the claim boundary in 1987. The samples were analyzed for 13 elements using the ICP method. Three samples were weakly anomalous in Au and another three were weakly anomalous in Ag.



TRANSMITTAL OF



M.R. file no.
R.M.M.R. file no.
Date forwarded 15 March 1988

From Mining Recorder at: *Whitehorse*

To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims <i>PEL 1-8 YA97105-YA97112</i>	Claim sheet no. <i>115-I-1</i>
	Type of report <i>Silt Survey</i>	Submitted by <i>Dominion Explorers Co.</i>
	Cls. work performed on <i>PEL 1-8</i>	req. for ren. applicat <i>800.00</i>

Signature: *[Handwritten Signature]*

REPLY ACTION **092118** Date returned *7 April, 88*

Approved for amount required

Signature: *[Handwritten Signature]*

DOMINION EXPLORERS INC.



PEL CLAIMS

1987 Silt Survey Report

Whitehorse Mining Division
Yukon Territory

Property Location

62° 04' N
136° 04' N

Claim Sheet

115-I-1

Robert Edison
Project Geologist
Dominion Explorers Inc.
916, 111 Richmond Street West
Toronto, Ontario M5H 2G4

092118

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 800,000.

J. J. Gummer
for **Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.**

811000

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Maps and Charts:

1. Silt Survey Pel Claims
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1. INTRODUCTION

During the summer a one-day programme of silt sampling involving one geologist was performed on the Pel Claims. The objective of the program was to investigate the results found in the 1985 Regional Geochem (silt) Survey by the Geological Survey of Canada (Open file 1220).

2. PROPERTY DESCRIPTION, LOCATION AND ACCESS

The Pel property consists of eight unpatented mining claims situated on the south side of the Yukon River along an unnamed creek about 8 miles east of Carmacks, Yukon Territory. It is in an area that forms the northern extent of the Whitehorse Trough. The regional geology consists of the Laberge Group of sediments (Jurassic) which is a sequence of shales, greywackes and arkoses about 9,000 feet thick (Bostock 1936).

Access to the claim group was by helicopter, a six minute flight from the Carmacks base. Alternately, access might be gained by boat on the Yukon River from the Robert Cambell Highway, but this was not attempted.

The unnamed creek within the claims is well entrenched into the glacial deposits, forming a miniature canyon-like valley with 50 feet high walls. The creek is about 5 to 10 feet across and since the gradient is low, it meanders quite a bit.

The forest within the valley is a dense mixture of mature black spruce, white spruce and balsam fir with some birches. On the Yukon River Plain however, the forest is almost all birch, aspen and poplar. Rock outcrops are scarce due to the sheer volume of Glacial deposits.

3. SILT SURVEY

A total of eight silt samples were taken within the claim boundary. The samples consisted of about 3 lbs of fine sand and silt taken at intervals of approximately 600 to 1,000' along the creek. The sample locations are plotted on the Pel Claims silt samples map.

The samples were analyzed for Au and a scan 12 other elements (As, Ag, Cu, Pb, Zn, Mo, Ni, Mn, Fe, Te, Sn, Sb). The Au was concentrated by fire assay while the actual determination was made by Atomic Absorbtion. The other twelve elements were extracted by Lefort Aqua Regia Dissolution (HNO₃-HCL Hot Extr.) and analyzed by DC plasma-Atomic Emission spectroscopy. The lab used was Bondar-Clegg and Company Ltd. in Vancouver. A listing of the analysis results is on a chart in the back of the report.

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The samples show consistent results in Fe, Sn, Te, Mn, Ni, Zn and Cu. Three samples, Pel 8, 11 and 13, show slightly higher than background values of Au while another three, Pel 11, 13 and 14, show higher than background values of Ag. Pel 11 is also anomalous in As, Pb and Sb.

Only one outcrop was observed on the claim group, this occurs on the east side of the valley on the side of an old channel. It appears to be grey, med-grained arkose, belonging to the Laberge Group.

4. SUMMARY

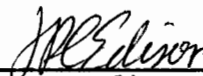
The results of the silt survey indicate that there is a weak presence of gold and silver in the stream sediment. It is recommended that a short program and geological surveying and sampling be undertaken on the claims in the hope of determining their source.

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STATEMENT OF QUALIFICATIONS

I. J.R.C. Edison of the City of Toronto, Borough of York, Province of Ontario, hereby certify:

- 1) That I am a staff project geologist with Dominion Explorers Inc. of Toronto, and reside at 133 Dunvegan Road, Toronto, Ontario,
- 2) That I am a graduate of McMaster University and hold a Bachelor of Science Degree in General Science,
- 3) That I am a graduate of The University of Guelph and hold a Honour's Bachelor of Science Degree in Earth Science,
- 4) That I have been practicing my profession as an exploration Geologist since May of 1984,
- 5) That the accompanying report is based on the writers field work on the property; and
- 6) I hereby consent to the inclusion and use of this report in any documents required by the regulatory authorities.



J.R.C. Edison, B.Sc., Hon. B.Sc.

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REFERENCES

Bostock, H.S., 1936, Carmacks District Yukon; Geological Survey of Canada, Memoir 189, 67p.

Templeman-Kluit, D.J., 1984, Geology, Laberge (105E) and Carmacks (1151), Yukon Territory; Geological Survey of Canada Open File 1101.

Geological Survey of Canada, 1985, Stream Sediment and Water Geochemical Survey, Southern Yukon Territory, Geological Survey of Canada open file 1220.

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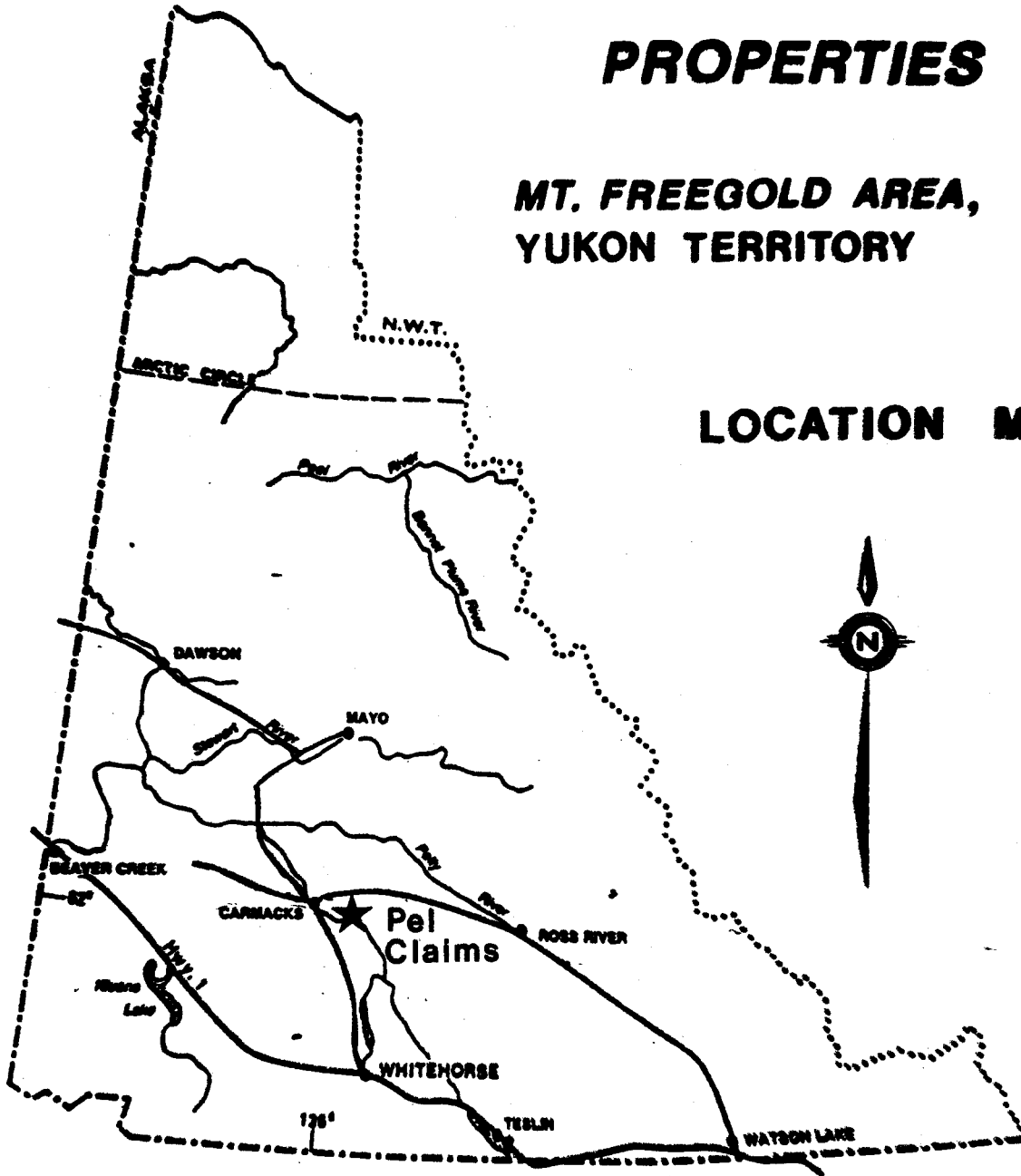
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DOMINION EXPLORERS INC

YUKON PROPERTIES

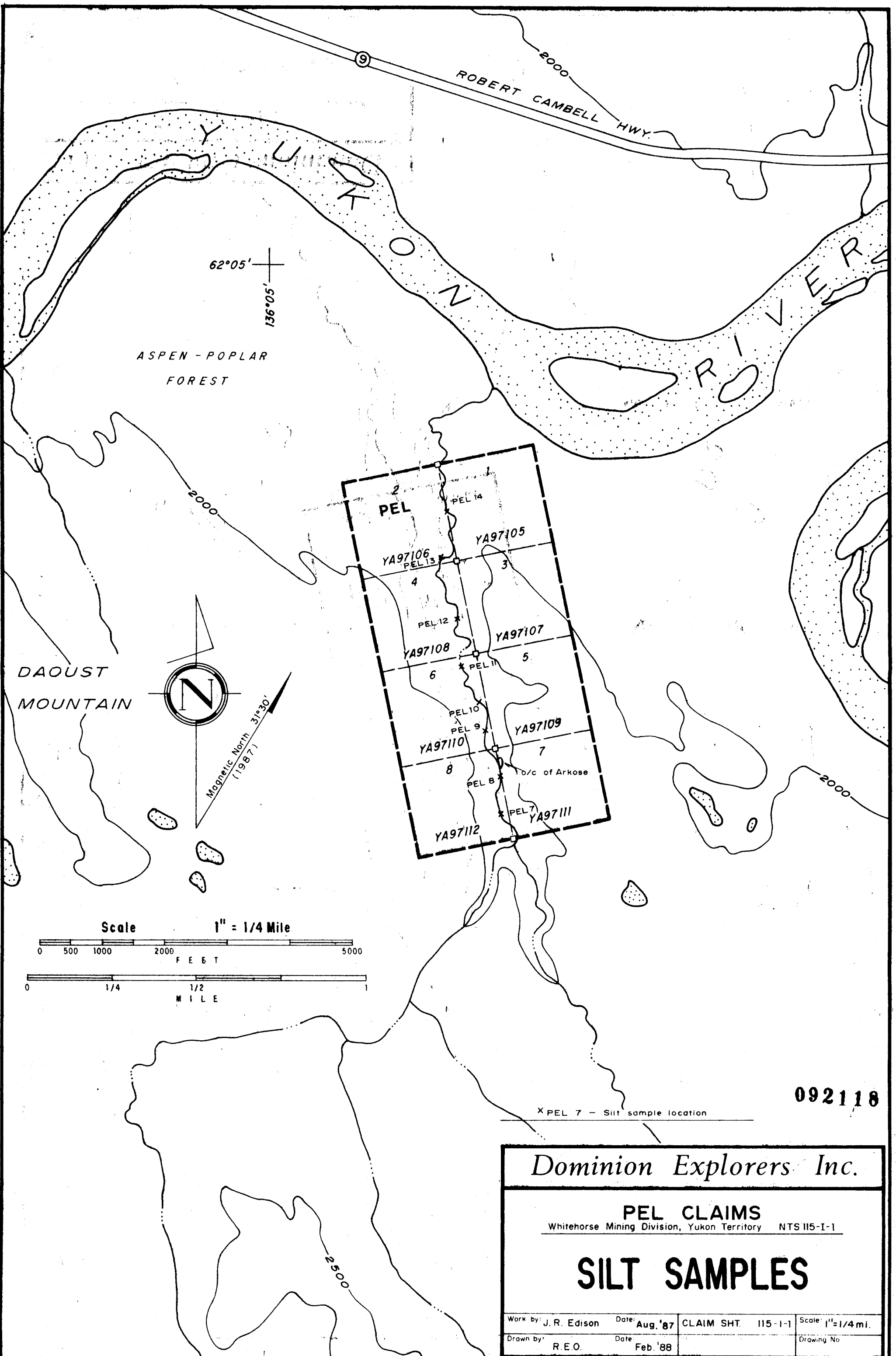
MT. FREEGOLD AREA,
YUKON TERRITORY

LOCATION MAP



SCALE





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X PEL 7 - Silt sample location

Dominion Explorers Inc.			
PEL CLAIMS			
Whitehorse Mining Division, Yukon Territory NTS 115-I-1			
SILT SAMPLES			
Work by: J. R. Edison	Date: Aug. '87	CLAIM SHT. 115-I-1	Scale: 1" = 1/4 mi.
Drawn by: R.E.O.	Date: Feb. '88		Drawing No.

CHART OF ANALYSIS

Sample No. Detection Limit	Au 5ppb	Ag 0.5ppm	As 5ppm	Cu 1ppm	Pb 5ppm	Zn 1ppm	Mo 1ppm	Ni 1ppm	Mn 1ppm	Fe .05%	Te 10ppm	Sn 10ppm	Sb 5ppm
Pel 7	10	.5	36	48	113	205	4	26	442	2.76	13	<10	6
pel 8	25	.7	39	47	104	210	4	26	511	2.93	14	<10	6
Pel 9	10	<.5	22	42	51	182	4	23	389	2.52	<10	<10	8
Pel 10	5	<.5	21	41	46	173	3	21	373	2.54	<10	<10	6
Pel 11	30	6.5	318	47	689	249	4	25	394	2.66	<10	<10	23
Pel 12	10	.7	49	43	112	182	4	23	438	2.63	12	<10	8
pel 13	30	5.5	58	43	256	190	3	25	498	2.52	18	<10	9
Pel 14	<5	3.6	78	48	297	217	4	28	558	2.80	<10	<10	11

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CAIRWOOD PETROLEUMS LTD.
DOMINION EXPLORERS INC.
NOBLE MINES & OILS LTD.
CANADIAN SPOONER RESOURCES INC.

LANDMARK CORPORATION

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TELECOPIER (416) 364-8288

CERTIFICATION OF EXPLORATION EXPENDITURES

We, the undersigned, J.A. Francis and M.L. Butler, respectively Vice-President, Finance and Treasurer of Dominion Explorers Inc. hereby certify that the following schedule of expenditures has been examined by ourselves and we have conducted such inquiries, made such verifications and received such opinions and assurances as we have considered necessary for the purpose of certifying that the following expenditures were made by the Company during the period July 1, 1987 through December 31, 1987 and can be supported with adequate documentation if required.

Exploration Expenditures - Pel Property

Supplies and Travel	\$478.69
Assaying	<u>423.00</u>
	<u>\$901.69</u>

DOMINION EXPLORERS INC.

J.A. Francis
Vice-President, Finance

M.L. Butler
Treasurer

c/s