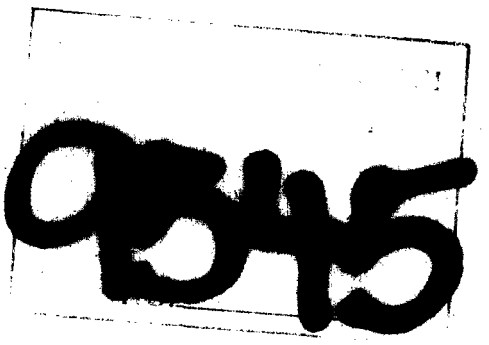


81-#797-9545

ASSESSMENT REPORT

1981 TRENCHING, ROAD WORK, SOIL & ROCK GEOCHEMISTRY

OVER THE

TYAUGHTON CLAIM GROUP

Lillooet Mining Division

92O/2 E & W

Latitude: 51°03' Longitude: 122°46'

WESTMIN RESOURCES LIMITED

(formerly Western Mines Limited)

DEL W. FERGUSON

JUNE 1981

TABLE OF CONTENTS

LIST OF FIGURES

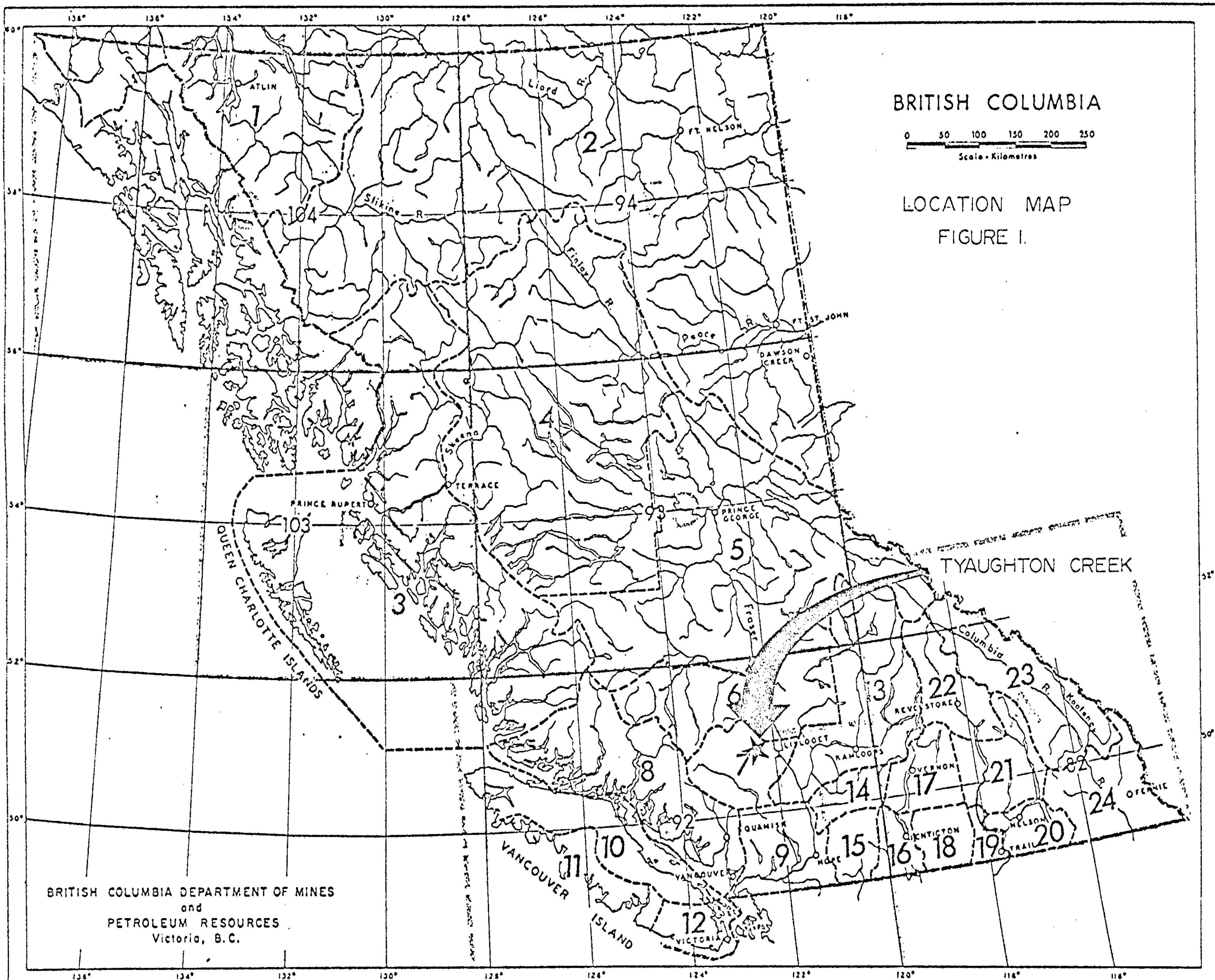
INTRODUCTION

The property is located in the Chilcotin Range of the Coast Mountains partially straddling Tyaughton Creek. It extends from 1.2 km south of Noaxe Creek to 2½ km north of the Relay-Tyaughton Creek junction. Elevation ranges between 1,065m to 1,900m. The slopes are generally forest-covered, with pine, fir and occasional poplar groves, but boasts sporadic alpine meadows above 1,670m.

Access to tbe property is via good gravel road for 21½ kms north of Carpenter Lake. Gold Bridge lies 33 kms to the south.

This region has been explored for many mineral commodities - mercury, stibnite, scheelite, gold, silver, lead and zinc. Approximately 1500 pounds of mercury was produced by Empire Mercury Mines in 1938. Between 1939 and 1942 about 19 tons of hand-cobbed ore was shipped from the Tungsten Queen and Tungsten King workings.

Interest in the area was renewed around the mid-sixties. Between 1964 and 1966 surface trenching, mine rehabilitation, percussion drilling and underground drilling was performed by Empire Mercury Corporation Ltd. on the old Empire Mercury Mines claims. In 1965, Canex undertook a regional exploration program centered around the Tungsten Queen minesite. A soil and silt geochemical survey, magnetometer survey, prospecting, mapping and trenching were carried out by Bethlehem Copper Corporation Ltd. in 1968. A five hole AX diamond drill program totalling 455 feet plus geological mapping was conducted by Nuspar Resources Ltd. in 1976 and 1977.


BRITISH COLUMBIA
0 50 100 150 200 250
Scale - Kilometres
LOCATION MAP
FIGURE I.
TYAUGHTON CREEK
ATLIN
FT. NELSON
FT. ST. JOHN
DAWSON CREEK
PRINCE RUPERT
TERRACE
PRINCE GEORGE
LILLOOET
KAMLOOPS
REVELSTOKE
VERNON
PENTICTON
NELSON
TRAIL
QUAMISH
HOPE
VANCOUVER
VICTORIA
QUEEN CHARLOTTE ISLANDS
VANCOUVER ISLAND
Liard R.
Stikine R.
Finlay R.
Peace R.
Skeena
Fraser
Columbia R.
Kootenay R.
BRITISH COLUMBIA DEPARTMENT OF MINES
and
PETROLEUM RESOURCES
Victoria, B.C.

CLAIM STATISTICS

CLAIM NAME	NO. OF UNITS	RECORD NO.	DATE RECORDED
Sandy 2	1	13589	Sept. 25, 1936
Sandy 3	1	13590	"
Sandy 4	1	13591	"
Mercury 1A	1	14887	Nov. 4, 1938
Queen Fractional	1	16128	Sept. 26, 1941
Cub	2	350	Aug. 25, 1976
Wolf	4	351	"

The above claims are under option to Westmin Resources Ltd. from Mrs. Florence Westbrook of Goldbridge, B.C. In addition, Westmin Resources holds the following claims surrounding those belonging to Mrs. Westbrook.

CLAIM NAME	NO. OF UNITS	RECORD NO.	DATE RECORDED
TY 1	10	1451	July 23, 1980
TY 3	18	1453	"
TY 4	12	1454	"
TY 5	1	1455	"
TY 6	9	1456	"

In all, 61 units comprise the property and are known collectively as the TYAUGHTON GROUP of claims.

GEOLOGY

The Tyaughton Group of Claims is underlain, for the most part, by Middle Triassic stratified rocks belonging to the Bridge River (Ferguson) Group (O.F. 534). This group consists of pebble conglomerate, arkosic grit, chert, cherty argillite and argillite intercalated with andesite and basalt flows and tuff and minor limestone. In the southwest portion of the property, pebble and boulder conglomerate of the Early Cretaceous Taylor Creek Group are thought to unconformably overlie sedimentary rocks of the Bridge River Group.

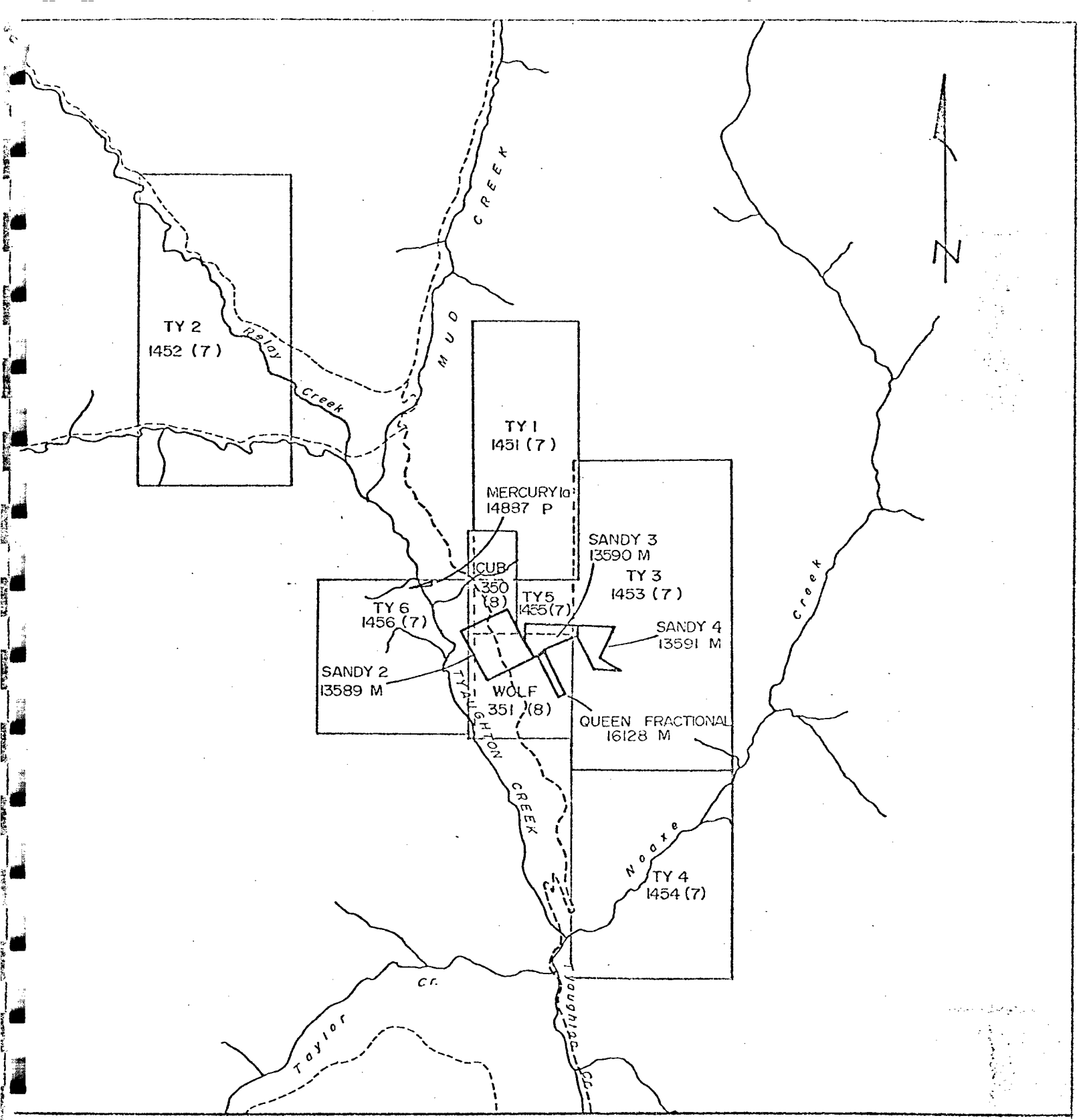

TY 2
1452 (7)
Relay Creek
MUD CREEK
TY 1
1451 (7)
MERCURY 1a
14887 P
SANDY 3
13590 M
TY 3
1453 (7)
CUB
350
(8)
TY5
1455(7)
TY 6
1456 (7)
SANDY 4
13591 M
SANDY 2
13589 M
WOLF
351 (8)
TYAUGHTON CREEK
QUEEN FRACTIONAL
16128 M
Creek
Noaxe
TY 4
1454 (7)
Cr.
Taylor
Tyaughton Cr.
N
LEGEND
Creek
Trail
Road
SANDY 4
13591 M
Claim Name
Record Number, Month
WESTERN MINES LIMITED
TYAUGHTON CREEK PROJECT
CLAIM LOCATION MAP
0 500 1,000 1,500 2,000 metres
SCALE 1:50,000
Date: Oct '80
Drawn by: L. Connor
Revised:
W.R.S. No. 92-0-2

FIGURE 2

Volcanic-sedimentary rocks of the Tyaughton Creek area are intruded by several small stocks and necks of serpentinized ultramafic rocks, thought to be of Upper Triassic or Lower Jurassic in age. These may, in fact, join to form a single, continuous, arcuate body along Tyaughton and Relay creeks.

SOIL GEOCHEMISTRY (EXTENSION)

A follow-up soil geochemical survey, consisting of 91 samples, was conducted over the northeast end of the 1980 grid between May 29 and June 3, 1981. Lines 44+00N to 54+00N inclusive were extended 300 to 400 metres in an easterly direction in an attempt to delineate an open geochemical anomaly resulting from the 1980 survey.

In addition to this, two soil profile sections (10 samples) were obtained in the vicinity of 44+00N-11+00E on the Tyaughton grid. Eight miscellaneous soil samples and one silt sample were also collected over the property. In most cases, a mattock was used to obtain samples from the "B" soil horizon at depths ranging between 15 and 30 cm.

All samples were analysed by Min-En Laboratories Ltd. of North Vancouver, B.C. for W, Sb and Hg. Silt and soil samples are sieved to minus 80 mesh before analyses.

Analytical methods used are: W - fusion colorimetric
Sb - aqua-regia atomic absorption
Hg - flameless atomic absorption

Tungsten and antimony values are reported in parts per million and mercury in parts per billion. Anomalous tungsten values are considered as being $\geq$ 4 ppm, antimony $\geq$16 ppm and mercury $\geq$1000 ppb.

INTERPRETATION

The 1980 W geochem anomaly in the northeast portion of the property has been expressed easterly as a moderate antimony anomaly. High antimony values strike southeast and terminate at 49+00N - 21+50E to 22+50E. A second antimony anomaly is present on line 52+00N at 22+50E to 23+00E and remains open to the northeast. Several isolated weak Sb anomalies occur throughout the southern portion of the 1981 extension grid.

Two small, semi-isolated W anomalies occur over the 1981 grid. Both exhibit moderate to low anomalous values and both trend generally southeast. One is centred at 53+00N - 21+50N and the other at 48+00N - 23+00E.

High Hg values recorded,roughly correspond with the large southeast trending antimony anomaly which is an extension of the 1980 W anomaly to the northwest. Few other isolated mercury anomalies occur over the grid.

ROAD CONSTRUCTION AND TRENCHING

A total of 500 metres of new roads and trenches were established and 430 metres of bulldozer work to expose existing trenches and road cuts was accomplished over the property between May 14 and May 19, 1981. All caterpillar work, using a D65E Komatsu, was contracted out to Echo Logging Ltd. of Goldbridge, B.C.

Approximately 300 metres of trench and road cut drilling, blasting and mucking was undertaken from May 20 to May 31, 1981. This work was contracted out to M. J. Moreau Enterprises Ltd. of Whitehorse, Yukon. The surveying for all the above mentioned work was accomplished between May 4 and May 14, 1981 by Westmin Resources Limited.

TRENCH SAMPLING AND ROCK GEOCHEMISTRY

Between May 24 and June 7, 1981, a total of 247 rock chip samples were collected from trenches and road cuts over the central portion of the property. All samples were collected over 3 metre intervals, along rock faces or in trenches, using the moil and hammer method. Analysis was carried out by Chemex Labs Ltd. of North Vancouver, B.C. During sample preparation all chips are crushed and pulverized in a ring grinder to approximately minus 100 mesh. Analysis for W and Sb are by neutron activation techniques. Geochemical analysis of Au was done for 10 samples using the atomic absorption method. W and Sb are reported in ppm.

Geochemical results have been plotted on Figures 5A and 5B. Anomalous W values are considered as those greater than 50 ppm and anomalous Sb values are greater than 200 ppm.

Trench 1 shows high anomalous Sb values ($\geq$1000 ppm generally) over a 24 metre interval, whereas its W content is very weak. The Tungsten King Adit, situated topographically below Trench 1 has a 3 to 6 metre wide zone exhibiting high anomalous W values, but the adit area is consistently low in Sb.

With few exceptions, Trenches 3 to 8 inclusive show no anomalous W and Sb values. Trench 3 has few 3 to 9 metre wide zones of weakly anomalous Sb (± 200 ppm). Trench 8 contains one 3 metre sample interval exhibiting weakly anomalous Sb as well.

Trench 9, while exhibiting no anomalous W values, shows weak to moderate anomalous (± 200 to ± 700 ppm) Sb over a length exceeding 33 metres. Rocks collected over Trench 10 exhibit the highest overall results. Moderate to high anomalous Sb values (± 400 to >1000 ppm) can be traced over a 190 metre length along the main road. W values obtained from a 15 metre wide zone, adjacent to the Tungsten Queen Adit, are highly anomalous, in the order of 400 to >800 ppm.

ITEMIZED COST STATEMENT (May 4 to June 7, 1981)

a)	D65E Cat Work - 50 hours & travelling time & Mobilization & Demobilization	$ 4,421.24
	Skidder work - 4½ hours	200.00
b)	Trenching, Blasting & Mucking (May 20 to May 31)	10,400.00
c)	Labour:	
	1 Geologist (May 4 to June 7 - 35 days) x $100/day	3,500.00
	2 Geological Assistants 30 days x $60/man/day	3,600.00
d)	Food & Accomodation	
	30 days @ $20/man/day x 3 men	1,800.00
	12 days @ $20/man/day x 2 men (trenchers)	240.00
e)	Truck & Trailer Rentals	
	30 days @ $45/day	1,350.00
f)	Fuel	
	Vehicle - 30 days @ $10/day	300.00
	4 days Mobilization & Demobilization	200.00
	Diesel Fuel for Compressor (approx.)	100.00
	Kerosene & Naptha Fuels (approx.)	100.00
g)	Miscellaneous Field Expenses (approx.)	300.00
	(i.e. sample bags, tags, flagging, topo, moils, chisels, drafting supplies, etc.)	
h)	Soil Geochemical Analysis	
	110 samples @ $13.10/sample	1,441.00
i)	Rock Geochemical Analysis	
	247 samples @ $10/sample	2,470.00
	10 samples @ $4.50/sample	45.00
	Sample Shipment	50.00
j)	Report Preparation, Drafting & Typing	
	6 days @ $100/day	600.00
	SUB TOTAL	$31,117.24

STATEMENT OF QUALIFICATIONS

I, DEL W. FERGUSON, of #501 - 1330 Bute Street, Vancouver, B.C. do hereby certify that:

a) I am a geologist with office address at #1103 - 595 Burrard Street, Vancouver, B.C. V7X 1C4

b) I am a graduate of the University of Western Ontario with an Honours Bachelor of Science degree in Geology.

c) I have had two years of geological experience in various phases of exploration in B.C.

d) I have supervised the 1981 trenching, road work and soil and rock geochemistry over the Tyaughton Claim Group.

Respectfully Submitted

Del W. Ferguson

Del W. Ferguson
Project Geologist

1981 Extension Geochem Grid

TY1

TY3

TY5

TY6

SANDY 4

SANDY 3

SANDY 2

CUB

LCP

LEGEND

Rob Bulger - RB25
Rob Arthur - RA426
Pat Meade - PM1401
Rod Arnold - RWA112
Rob Woodward - RW15

1980 Sample Numbers

N.S. ..... No Sample

Grid Line and Grid Station

Road

Creek

Claim boundaries & corner post

Legal Corner Post

1981
DB or BG 102
2, 10, 400
Sample Numbers
Tungsten-ppm, Antimony-ppm, Mercury-ppb

W Contours
4-10 ppm
11-50 ppm

Sb Contours
16-39 ppm
40-200 ppm

95415

WESTERN MINES LIMITED

TYAUGHTON PROJECT

SOIL GEOCHEMISTRY GRID
+ 1981 EXTENSION
FIGURE NO. 3

SCALE
0 25 50 75 100 metres
Scale 1:2500

DATE SEPT. 1980	REVISED July, 1981	DRAWN BY L. CONNOR	NTS NO 92-O-2

1981 EXTENSION GEOCHEM GRID

TY 1

TY 3

TY 5

TY 6

SANDY 4

SANDY 3

SANDY 2

CUB

LCP

LEGEND

Rob Bulger - RB25	
Rob Arthur - RA426	1980 Sample Numbers
Pat Meade - PM1401	
Rod Arnold - RWA112	
Rob Woodward - RW15	
N.S.	No Sample
	Grid Line and Grid Station
	Road
	Creek
	Claim boundaries & corner post
	Legal Corner Post

1981

DB or BG 102 — Sample Numbers
2, 10, 400 — Tungsten-ppm, Antimony-ppm, Mercury-ppb

Hg Contours

	1000 – 4999 ppb
	≥ 5000 ppb

9545

WESTERN MINES LIMITED

TYAUGHTON PROJECT

SOIL GEOCHEMISTRY GRID + 1981 EXTENSION

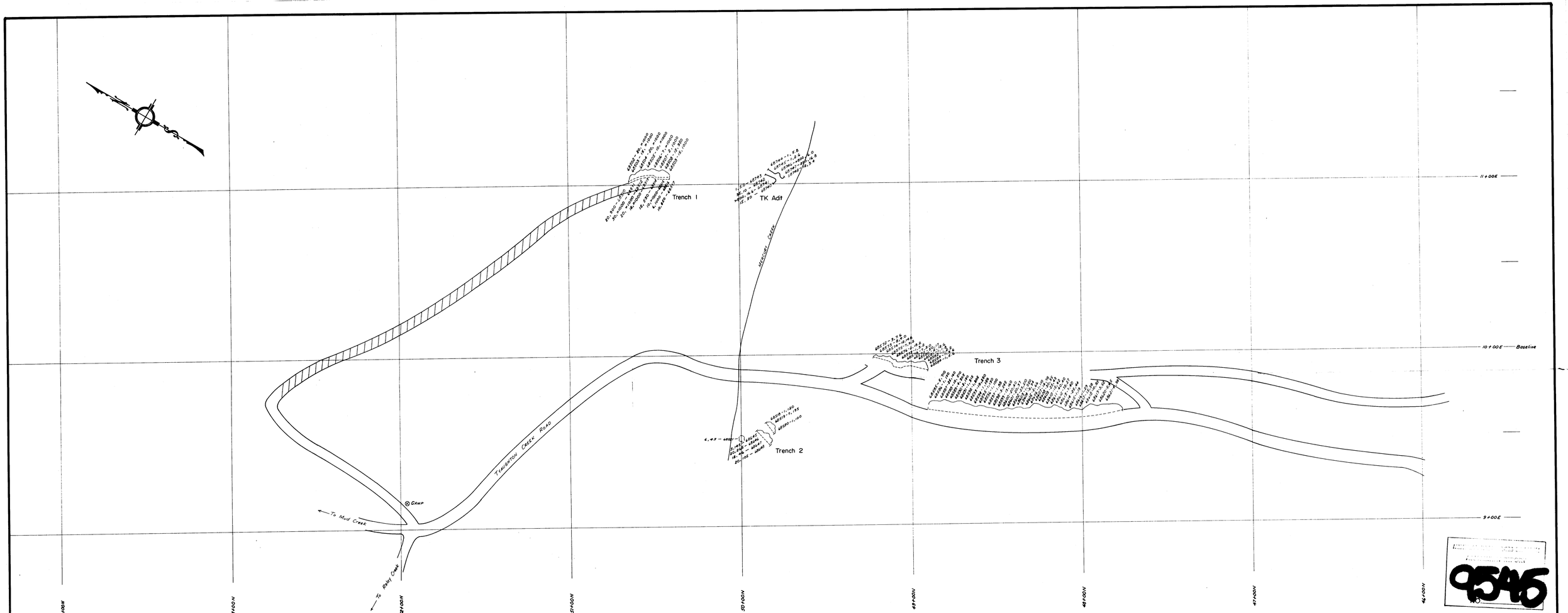
FIGURE NO. 4

SCALE

0 25 50 75 100 metres

Scale 1:2500

DATE SEPT 1980	REVISED July, 1981	DRAWN BY L CONNOR	NTS NO 92-O-2



LEGEND

New Roads, 1981

Chip Sample Locations and Sample Numbers

N.B. Trench 3 is a road cut.

Assay Information

W, Sb order of appearance

W in ppm.

Sb in ppm.

Assay information should precede or succeed sample number in most cases.

95A/6 NO.

WESTMIN RESOURCES LIMITED

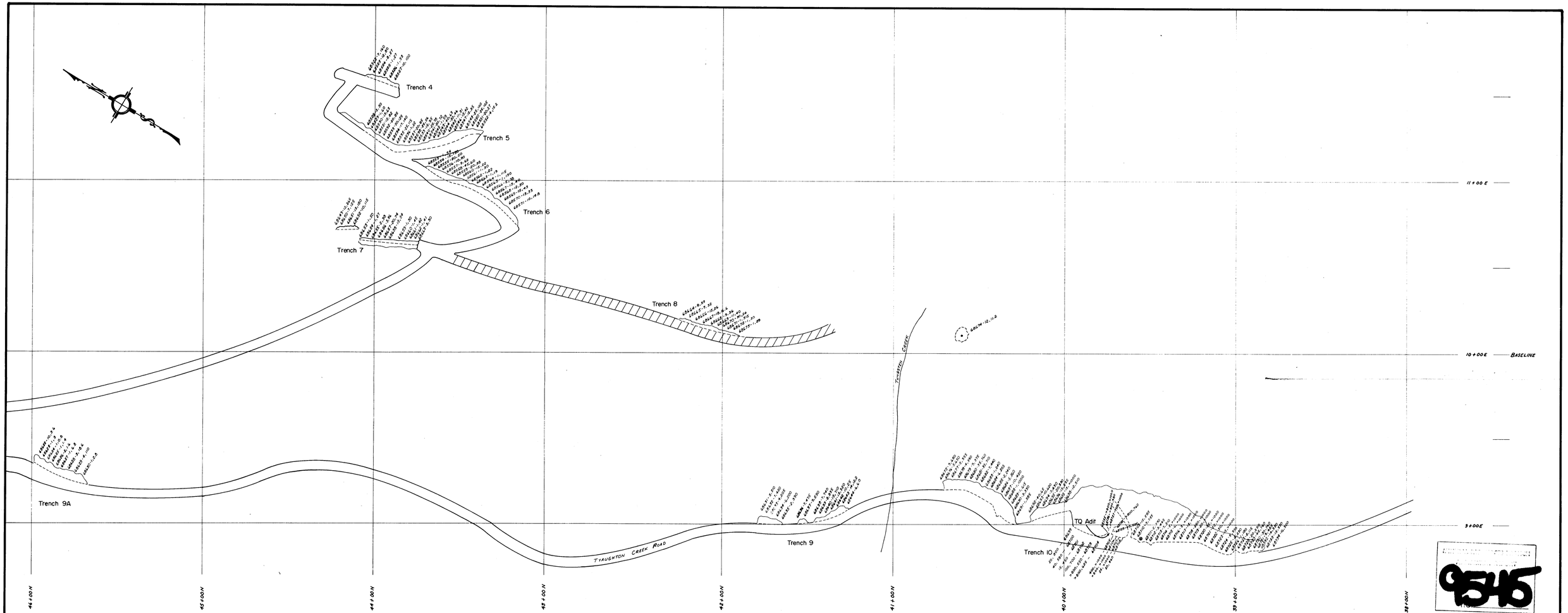
TYAUGHTON CREEK PROJECT, 1981

Roads, Trenches & Rock Geochemical Survey

0 10 20 30 40 50 60 metres

SCALE 1:1000

Date: JULY, 1981	Revised:	Orig. by: Drawn by: L. CONNOR	FIGURE- 5A



LEGEND

New Roads, 1981

Chip Sample Locations and Sample Numbers

N.B. Trenches 9A, 9 & 10 are road cuts.

Assay Information

W, Sb order of appearance

W in ppm.

Sb in ppm

Assay information should precede or succeed sample number in most cases.

9545

WESTMIN RESOURCES LIMITED

TYAUGHTON CREEK PROJECT

1981

Roads, Trenches & Rock Geochemical Survey

0 10 20 30 40 50 60 metres

SCALE 1:1000

Date: JULY, 1981 | Revised: | ORIGINAL: DRAWN BY: L. CONNOR | FIGURE: 5B