

EXPLORATION AND GEOCHEMICAL REPORT
ON PHYSICAL WORK, AND SOIL
SAMPLING
over
Trinity Claim
Sechelt Area
Vancouver Mining Division

Property: Latitude 123 59' Longitude 49 34'
NTS 92G 12W

Owned and Operated by:
Tunstall Mining & Exploration Ltd.
Suite 302, 540 Burrard Street
Vancouver, B.C.
V6C 2K1

Written By: Steven Hodgson
Professional Prospector and
Director of Tunstall Mining & Exploration Ltd.

December 28, 1981

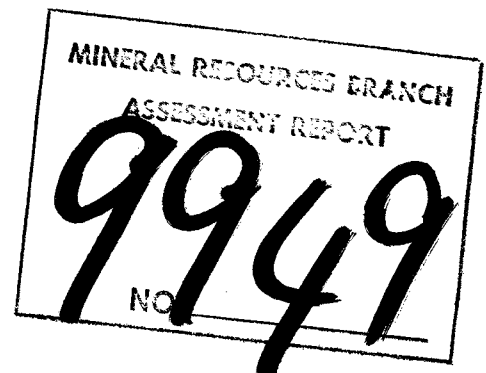


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Exploration and Geochemical Report on Physical Work,
and Soil Sampling
over
Trinity Claim
2A & 2B

INTRODUCTION

i) The property is located, approximately 10 km North West of Halfmoon Bay on the Sechelt Peninsula and lies within the Vancouver Mining District. Access is by a 2 wheeled drive all weather paved road; Highway 101.

ii) The property comprises 2 two post claims units owned and operated by; Tunstall Mining & Exploration Suite 302, 540 Burrard Street Vancouver, B.C. V6C 2K1

Claim Name	Tag No.	Units	Rec. No.	Expiry Date
Trinity 2A	518341 M	1	819	December 31 1981
Trinity 2B	518342 M	1	820	December 31 1981

The Trinity Claims are located on the Western Boundary of the Coast Plutonic Complex, near the contact with the Insular Belt. Prior investigation of the general area was carried out by LeRoi 1908, Bacon 1957, and Rodick & Hutchison 1979. Mineral deposits in the area include the Cambrian Chiefton,

Texada Island and King Midas Skarn deposits. The Middle point Limestone deposit mentioned by (LeRoi) in Bulletin #40-97 led us to an investigation of the surrounding area and subsequent discovery of copper molybdenum mineralization in a new road cut.

Topography

The property is situated in typical Coastal terrain covered with thick underbrush consisting of salal and salmonberry and dense coastal vegetation of Cedar, Fir, Alder, Arbutus and Cherry. The terrain rises from 100 feet above Sea Level below the Highway to slightly over 800 feet at the eastern boundary. The slopes are generally moderate and rolling with low lying wet areas common.

Climate

The climate of this section of the coast is mild throughout the year with high annual precipitation but generally little snow. Working conditions are generally good throughout the year.

iii) Summary of Work Done

GEOCHEMICAL SURVEY A geochemical survey on December 4 1981 consisting of 35 samples, was undertaken by Steve Hodgson and Jane Coxall on Trinity 2A and 2B using the Bloom Test for Total Heavy Metals.

Each sample was taken from the "B.F." horizon.
A Kraft soil sample bag was filled at each
station.

LINE Prior to soil geochemistry, a total of 2.5 km
CUTTING of line cutting and grid establishment was
 completed over the Trinity Claims.

GEOCHEMICAL DATA

Geochemical sampling was performed by Steve Hodgson and Jane Coxall using the Bloom Total Heavy Metal (THM) test, which measures the sum of readily extractable Zinc, plus Lead plus Copper from soils. A volumetric scoop, approximately 0.25 gm was used to maintain a constant volume of the sample. At each site, a hole 30cm plus was dug to expose the B horizon and a kraft soil sample bag was filled and labeled for analysis at my office at home. An alkaline hydroxylamine hydro - chloride - citrate buffer was used to dissolve the soluble zinc, lead, and copper. Toluene containing the organic dye dithizone was used to determine the concentration of lead, zinc, and copper.

procedure:

- 1) measure one scoopful of sample and tap into test tube
- 2) Bloom Buffer added to 5ml mark
- 3) 1 ml of .002% Dithizone added
- 4) stopper inserted and shaken 50 times
- 5) colour observed. If green, record 0, if blue record 1; if red proceeded with step 6
- 6) Add 1 ml .002% dithizone solution. Shake 15

times. If colour was blue, 2 was recorded; if red or purple repeated shakeout adding dithizone solution in increments of 3 ml, 5ml until blue-grey point reached (end point)

Soils were taken from the brown "B" horizon. Also noted were, texture, direction of slope, percentage of coarse materials, depth of sample and comments.

All chemicals used were bought from Chemex and mixed fresh, and a high degree of cleanliness was maintained to insure against contamination. All procedures were derived as set forth by the Province of B.C.'s Geochemical Exploration Manual by the Ministry of Energy, Mines & Petroleum Resources.

PHYSICAL WORK

The following physical work was completed:
2.5 km of line cutting and flagging with lines 100 meters apart with 50 meter stations, using chain and compass. Refer to plan map #2 and #3.

INTERPRETATIONS

The geochemical survey has indicated a general North East trend of mineralization that warrants further work to investigate the copper, molybdenum,

potential of the property. The original showing that sparked the claim location shows a strong geochemical anomaly.

Additional work in the form of geological mapping and blasting of bedrock outcrop seems warranted

COST STATEMENT

<u>Date</u>	<u>Job Performed</u>
January 8 1981	Line cutting - grid establishment
May 27 1981	Line cutting - grid establishment
December 4 1981	Geochemical Survey

Wages

1) Steve Hodgson	3 days @ \$100.00	\$300.00
Jane Coxall	3 days @ \$100.00	\$300.00
	total	<u>\$600.00</u>

Total Wages

2) Cost of Assessment Report	\$150.00
3) Cost of Chemicals	\$175.00
4) Flagging and thread, soil bags etc.	\$ 30.00
5) Travel Costs	
-4 days X \$15.00	\$ 60.00
-trip to Vancouver	
Assays & Supplies	
1 trip @ \$50.00	\$ 50.00

TOTAL	<u>\$1065.00</u>
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AUTHOR'S QUALIFICATIONS

I certify that:

1. I am a graduate of The Mineral Exploration for Prospectors Course (1980) Selkirk College, Castlegar, B.C.
2. I have been a prospector in British Columbia for 6 years.
3. The information for the accompanying report was based on work done personally and from Mineral Inventory Assessment Report and Government Publications.
4. I am a Director of Tunstall Mining & Exploration Ltd., Owner Operators of Trinity Claims 2A and 2B.

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

JANE COXALL

HAS PARTICIPATED IN

"MINERAL EXPLORATION FOR PROSPECTORS"

156 Hour Course - May, 1981

Co-sponsored by the Ministry of Energy, Mines and Petroleum Resources;
the Ministry of Education; and Continuing Education, Selkirk College



A. Francis Shepherd
INSTRUCTOR/PROGRAM COORDINATOR

C. Shamus
COMMUNITY EDUCATION

SELKIRK



COLLEGE

CASTLEGAR, B. C., CANADA

COMMUNITY EDUCATION SERVICES

THIS IS TO CERTIFY THAT

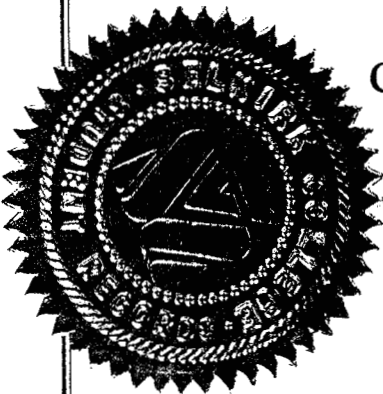
STEVEN HODGSON

HAS PARTICIPATED IN

"MINERAL EXPLORATION FOR PROSPECTORS"

144 HOUR COURSE

Co-sponsored by the Ministry of Energy, Mines and Petroleum Resources,
the Ministry of Education,
and Continuing Education, Selkirk College

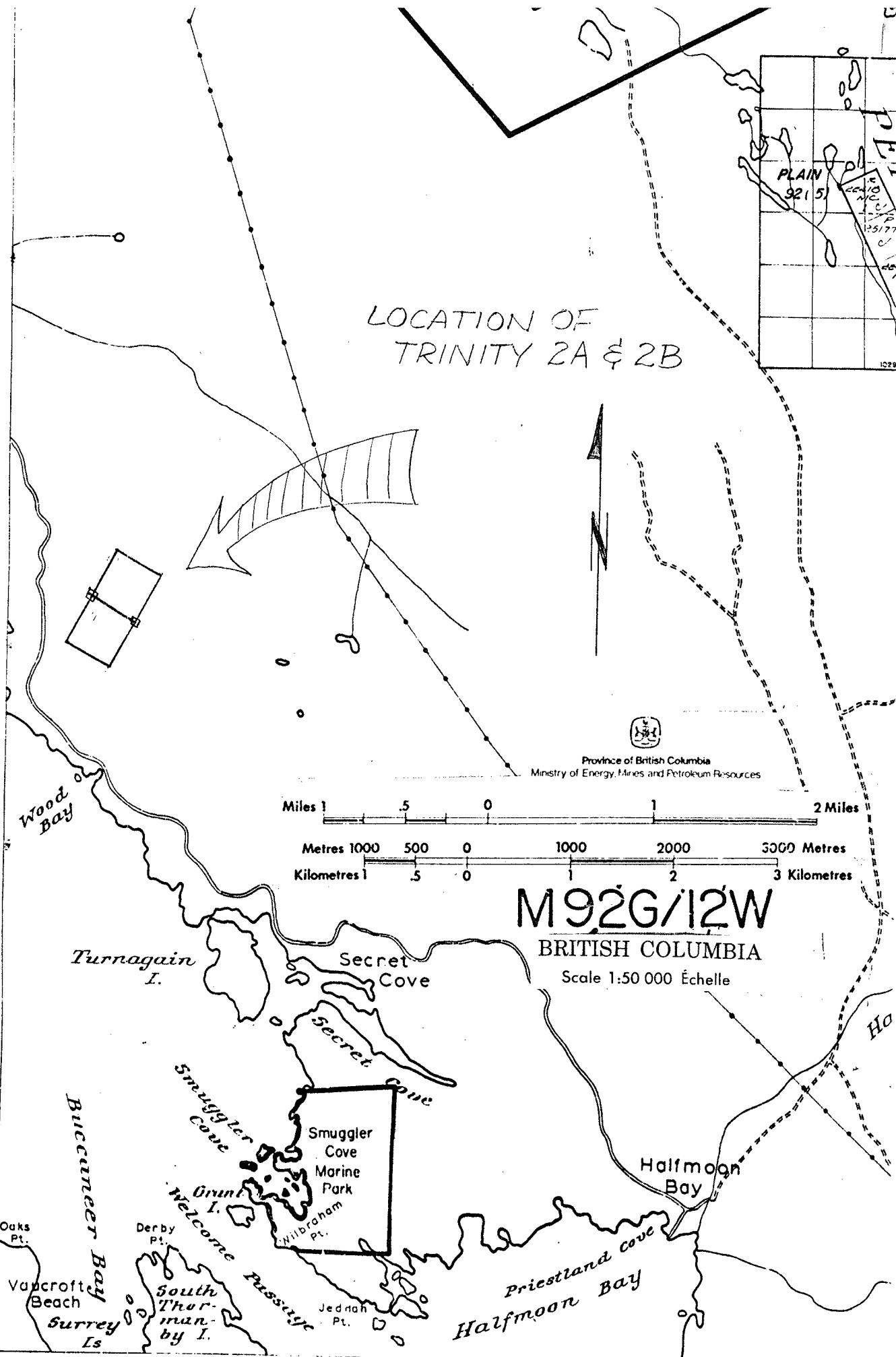
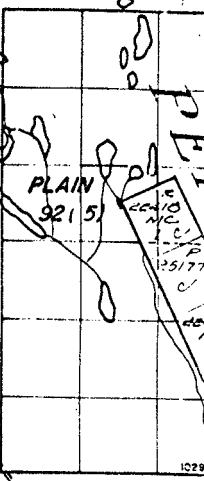


A. Francis Shepherd
INSTRUCTOR/PROGRAM COORDINATOR

C. Shamus
COMMUNITY EDUCATION

TO EAST S

LOCATION OF TRINITY 2A & 2B

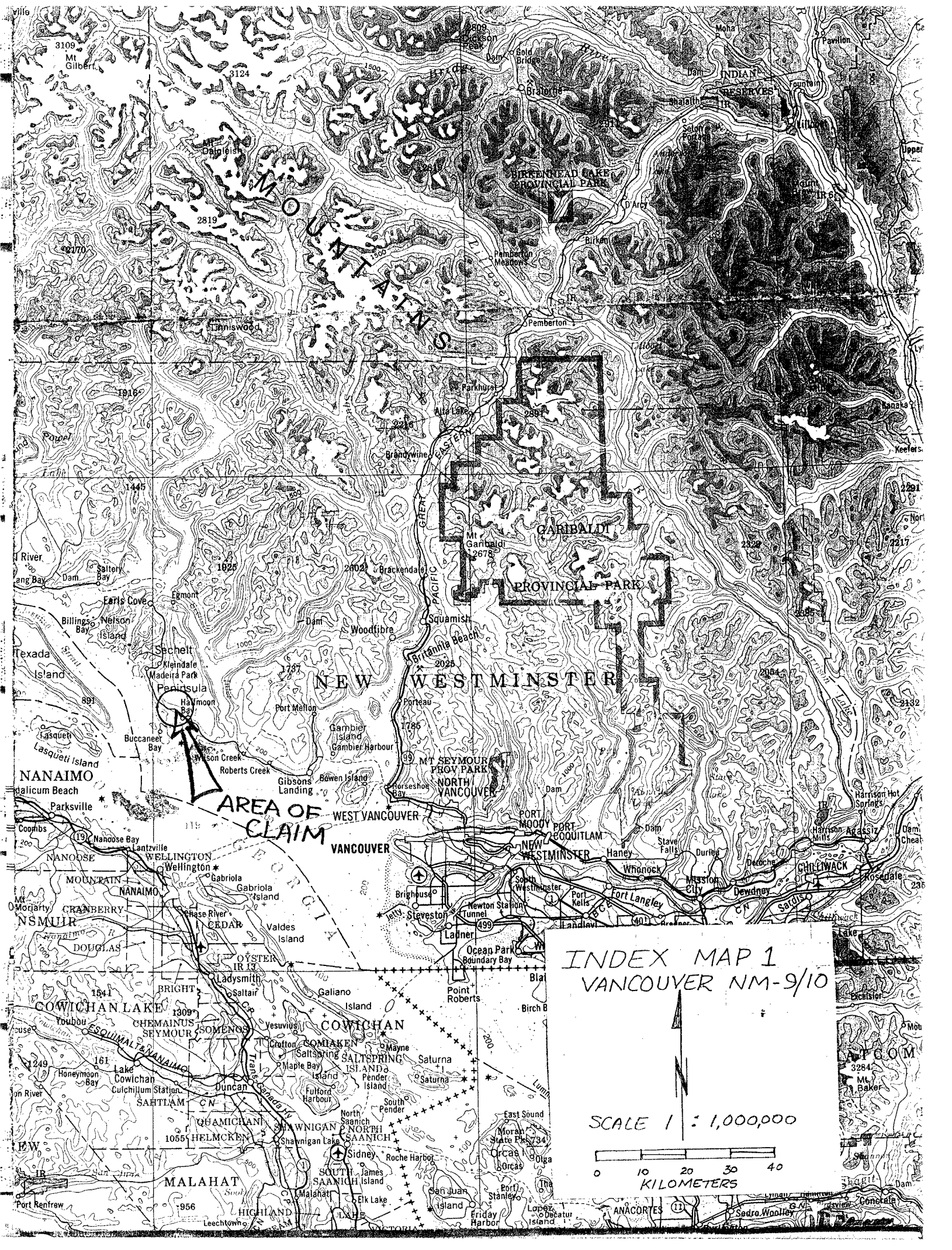


49°30'

124°00'

VANCOUVER MINING DIVISION

TO SOUTH SEE

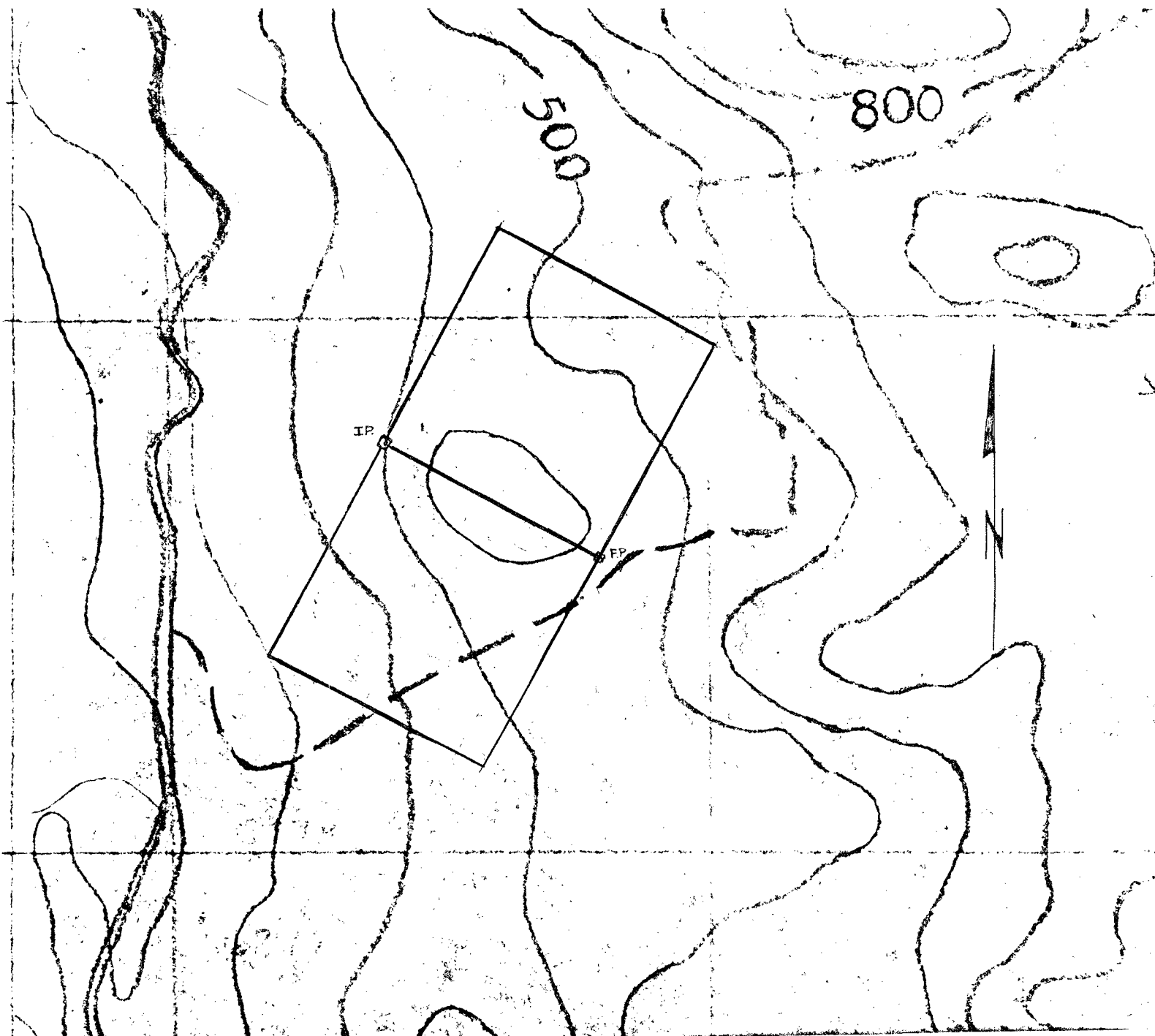


AREA OF CLAIM

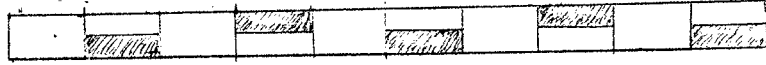
INDEX MAP 1
VANCOUVER NM-9/10

SCALE 1 : 1,000,000

0 10 20 30 40
KILOMETERS



TRINITY 2A & 2B



SCALE 1cm = 100 metres
1:1000

FROM N.T.S. 92 G/12

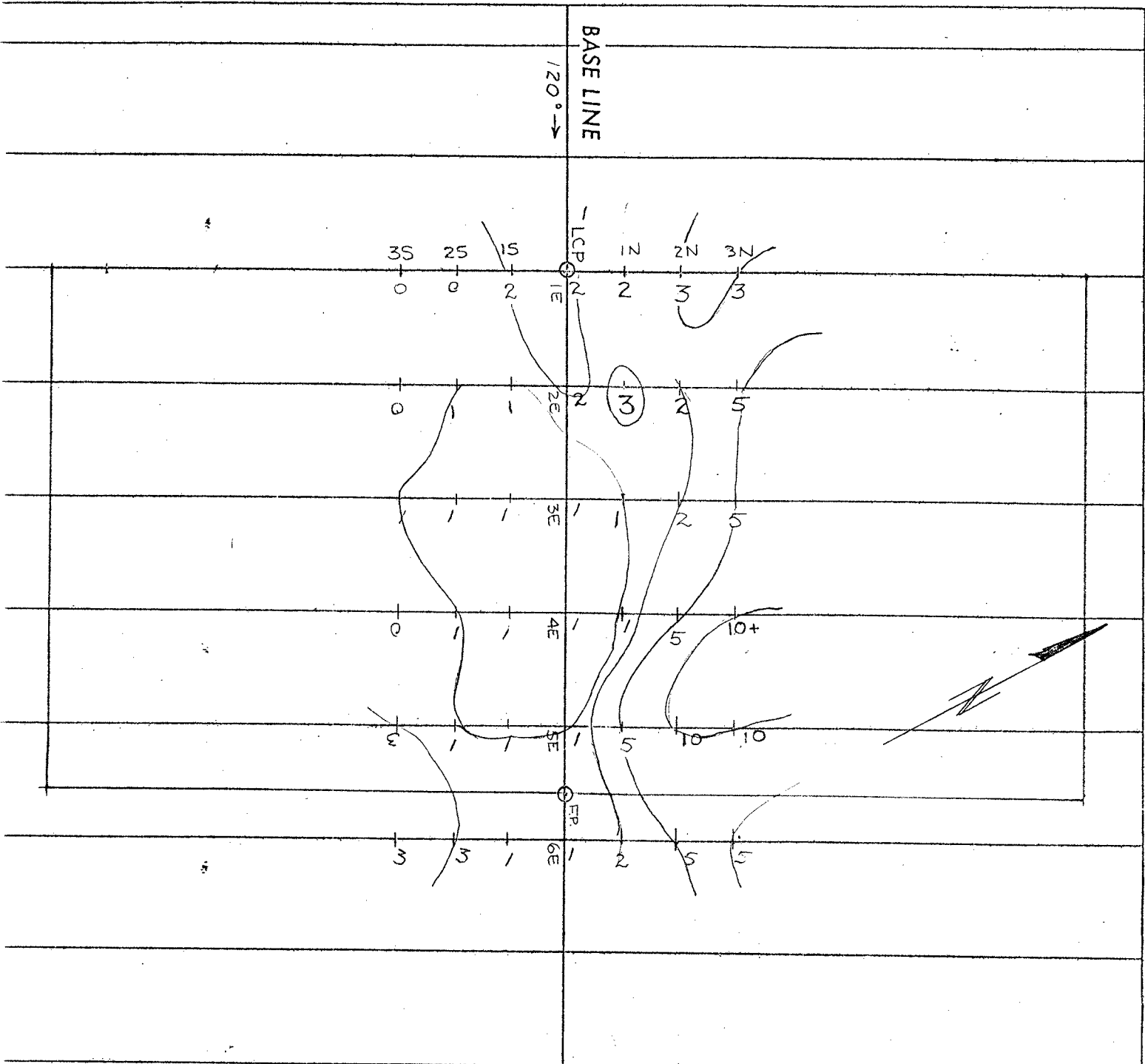
■ Location Post

▬ Hwy 101

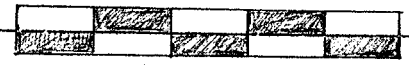
Compiled by S. HODGSON

PLAN MAP #1

Wood Bay



TRINITY, 2A & 2B
GEOCHEMICAL SURVEY
FOR TOTAL HEAVY METALS

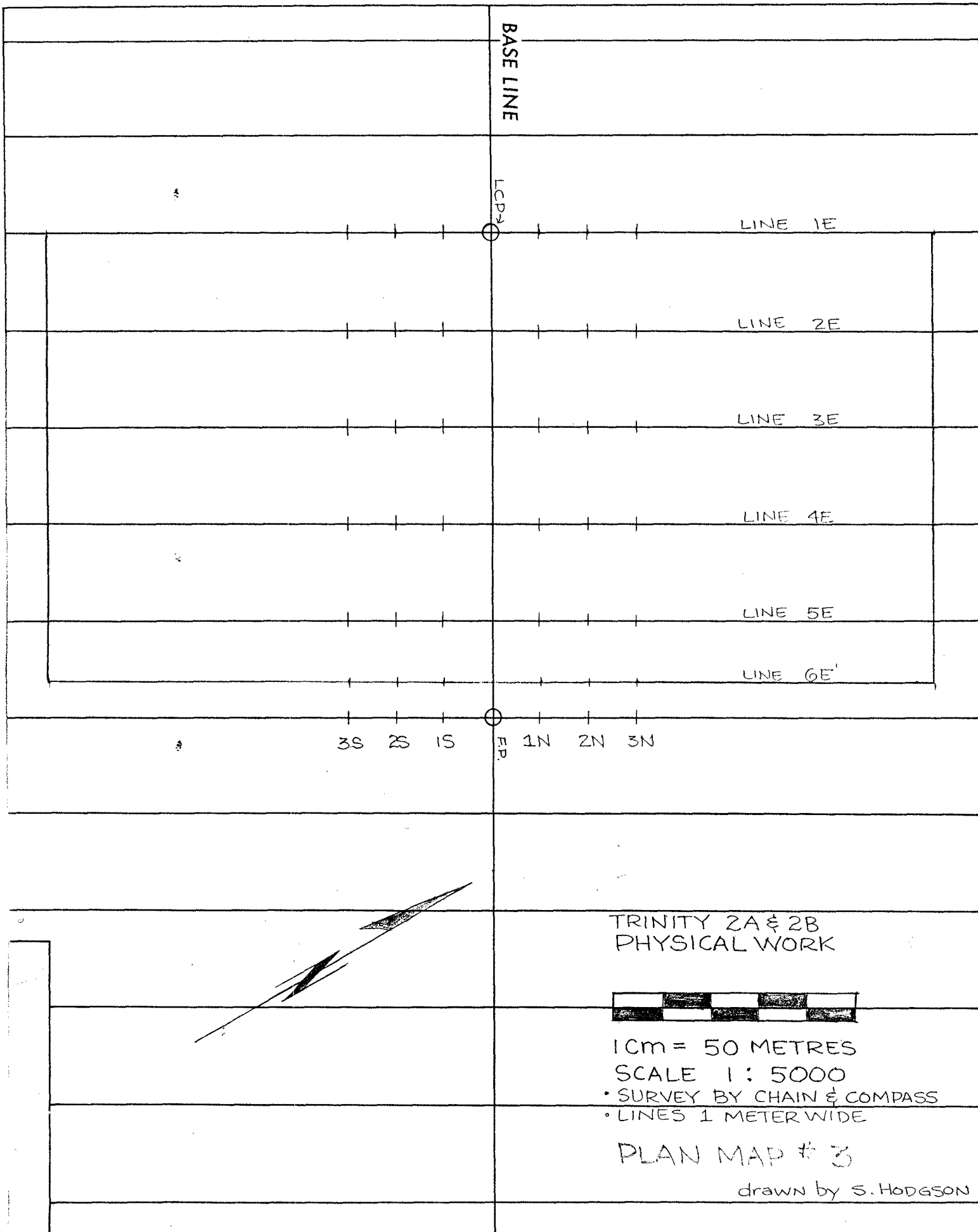


1 CM = 50 METRES.
SCALE 1: 5000
SURVEY BY CHAIN & COMPASS

PLAN MAP #2

drawn by S. HODGSON

1:1000
1cm = 10 metres



BASE LINE

L.C.P. →

LINE 1E

LINE 2E

LINE 3E

LINE 4E

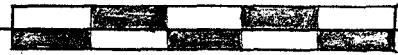
LINE 5E

LINE 6E'

3S 2S 1S 1N 2N 3N

↑ F.P.

TRINITY 2A & 2B
PHYSICAL WORK



1cm = 50 METRES
SCALE 1 : 5000

- SURVEY BY CHAIN & COMPASS
- LINES 1 METER WIDE

PLAN MAP # 3

drawn by S. HODGSON