

1984 ASSESSMENT REPORT
NEEWA I AND NEEWA II MINERAL CLAIMS
(93H/4E-53° 14'20"N, 121° 38'30"E)
CARIBOO MINING DIVISION

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,226

FILMED

Claim Owner/Operator: Mr. G. Gunson

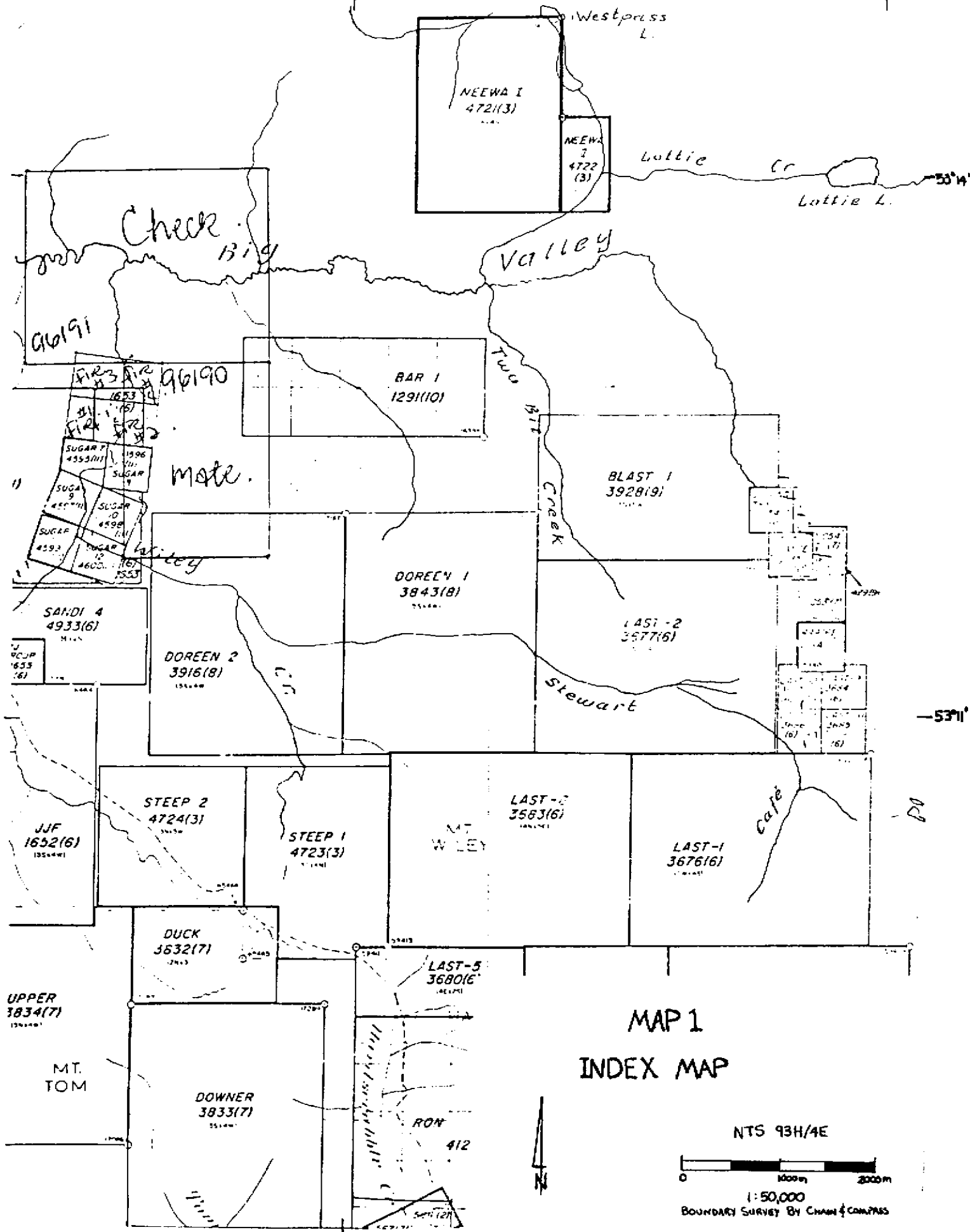
Report Prepared by: S. Tataryn
Submitted:

TABLE OF CONTENTS

	Page
Map 1 - Index Map	1
Introduction	
i) Physiography and Access	2
ii) Property Definition and History	2
iii) Work Done	2
Map 2 - Physiographic Location	3
Technical Report on Geochemical Sampling	4
Conclusions and Recommendations	5
Itemized Cost Statement	6
Statement of Author's Qualifications	7
Maps:	In back pocket
Map 3 - Sample Locations	
Map 4 - Sample Results - Copper	
Map 5 - Sample Results - Zinc	
Map 6 - Sample Results - Lead	
Map 7 - Sample Results - Ag-Mo-As-Au	

121°40'

121°35'



INTRODUCTION

This report has been prepared for the purpose of obtaining assessment credit for the Neewa I and Neewa II claims (Cariboo Mining Division) for the twelve month period March 23, 1984 to March 23, 1985.

i) PHYSIOGRAPHY AND ACCESS

Physiographically, the claims are situated in the Quesnel Highland region of central B.C., and are centred at approximately $53^{\circ}14'20''$ N. latitude and $121^{\circ}38'30''$ E. longitude (NTS 93H/4E). The property is located approximately 200 m west of Westpass Lake, on the east side of an east-west trending ridge lying north of Big Valley Creek. Total relief over the claimed area is in the order of 1,100' (333m). See map 2.

Access to the Neewa I and Neewa II claims is by the 2400 Road (a four-season gravel logging road) and Highway 26, the Barkerville Highway. Total distance from Quesnel, B. C. via the 2400 Road and Highway 26 is approximately 100 km.

Map 1 is an index map showing the locations of the Neewa I and Neewa II claims.

ii) PROPERTY DEFINITION AND HISTORY

Neewa I is a 12-unit modified grid mineral claim. It extends 1500 m west and 2000 m south of the legal corner post located 750 m north and 200 m west of the Westpass Creek outlet on Westpass Lake. The legal corner post of the 2-unit Neewa II claim is located approximately 230 m south and 200 m west of the Westpass Creek outlet. Neewa II extends 500 m east and 1000 m south of this legal corner post.

Except in road cuts, very little outcrop is exposed in the area. Mississippian Antler Formation basalts containing fine grained pyrite (and pyrrhotite?) mineralization were discovered in one of the road cuts.

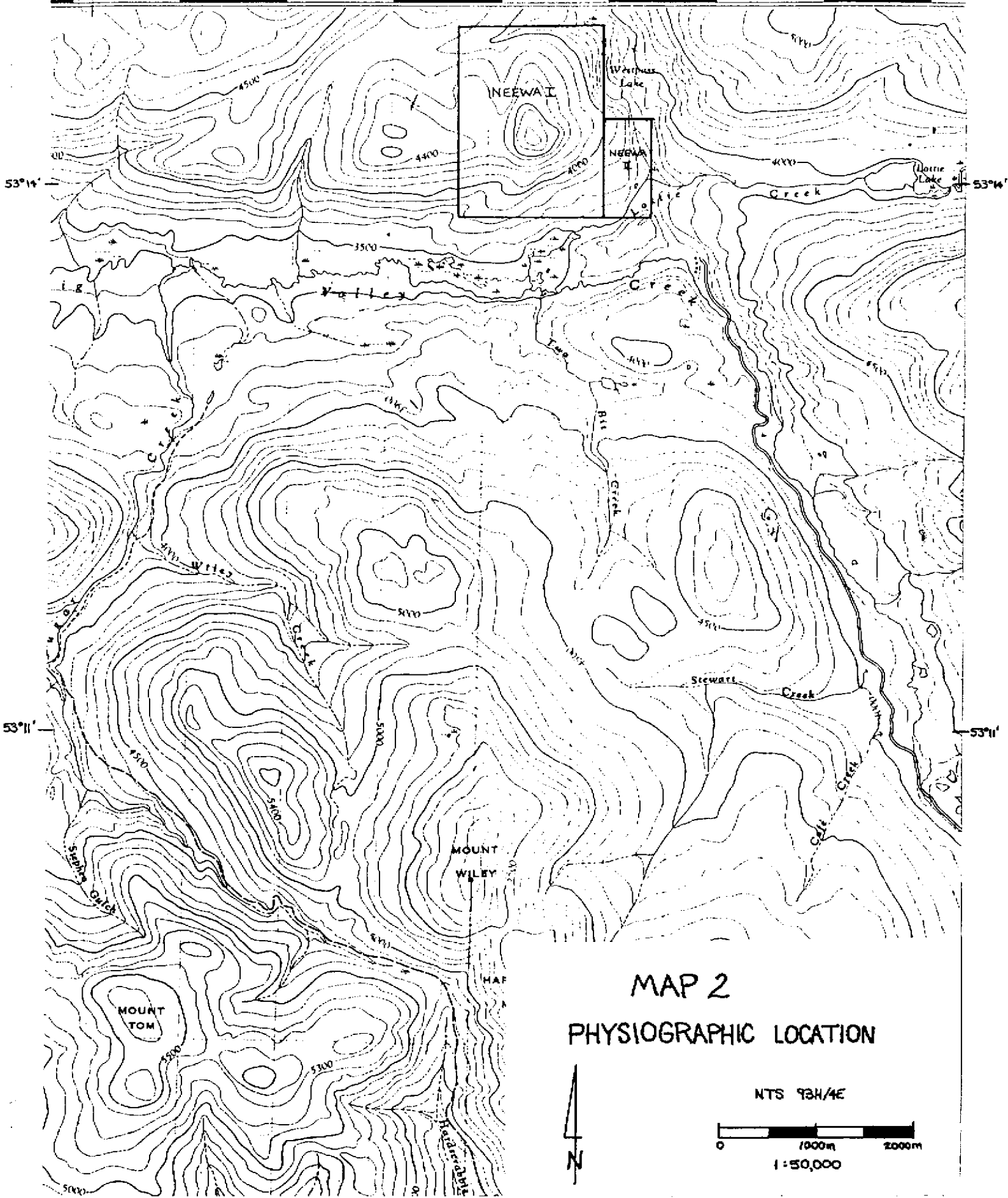
Previous history of the ground covered by these claims is unknown. The property does not appear to have been previously staked.

Neewa I and Neewa II were staked and recorded by the current owner/operator, Mr. Gordon Gunson, on March 23, 1983.

iii) WORK DONE

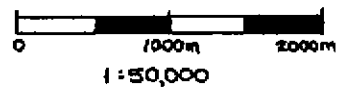
During the fall of 1983, small scale reconnaissance soil sampling of the Neewa I and Neewa II properties was carried out. The results of the sampling were generally inconclusive, although several small anomalies in the northern half of Neewa I appeared to warrant further investigation. (Refer to the 1983 Assessment Report for further details).

The work done during the 1984/1985 claim year consisted entirely of geochemical surveys as a follow-up to work done in the previous year. The sampling procedure and sample results are outlined below.



MAP 2
 PHYSIOGRAPHIC LOCATION

NTS 92H/4E



TECHNICAL REPORT ON GEOCHEMICAL SAMPLING

A more systematic geochemical survey was conducted on the Neewa I and Neewa II claims during 1984. The surveys were concentrated in two distinct areas; one in the northwest corner of Neewa I (where previous work had produced several small anomalies), the other in the southeast, straddling the boundary between Neewa I and Neewa II. Previous work in this area had exposed approximately 4 m³ of pyritic quartz-fluorite vein outcrop, and the second sampling grid was established to test for further mineralization in the area (Map 3).

All soil samples were taken from the unaltered mineral ("C") horizon, lying at a depth of about one foot (0.3 m). Approximately 250 g to 500 g of soil was collected for each sample. Sampling of old stream channels was avoided, and very few of the holes showed any sign of seepage.

Sample analysis was conducted by Noranda Geochem Laboratory of Vancouver, B. C. The -80 mesh fraction of each sample was analyzed for Cu, Zn, Pb, Mo, Ag, and As by perchloric-nitric acid digestion (0.2 g/2l HClO₄-HNO₃). Gold was analyzed by digestion in aqua regia and atomic absorption.

Sampling was conducted on 100 m centres over the northwest part of Neewa I. A total of 22 soil samples were taken and analyzed for Cu, Zn, Pb, Ag, Mo, As and Au. The results obtained at each sample location are shown on Maps 4 to 7. (The values for Au, Ag, and Mo were, in every case, at or below the limit of detection, and for this reason, samples from the subsequent southeast survey were not analyzed for these elements).

Slightly anomalous values for Pb were found at locations 2 (24 ppm), 4 (20 ppm) and 6 (22 ppm). Location 4 also produced a small Cu anomaly (130 ppm). However, there appears to be no correlation between these anomalous values and the values obtained at the same locations for the other elements in the test suite. It is possible that these local "anomalies" may have been caused by the proximity of the sample locations to a road cut.

Eighty-four soil samples were collected from the southeast part of Neewa I and Neewa II. Four east-west traverse lines, spaced 100 m apart, were used to establish the sampling grid. West of line 1W, sampling was conducted at 100 m intervals. East of line 1W, samples were collected every 50 m along the traverse lines.

An anomalous value of 180 ppm Cu was obtained at location 27. However, this appears to be a local phenomenon, and the anomaly is not borne out by copper values at surrounding sample locations.

Another anomaly (30 ppm Pb) occurs at location 95. This is probably also a very localized phenomenon, but sampling 50 m to 100 m east of location 95 may prove useful to the interpretation.

CONCLUSIONS AND RECOMMENDATIONS

The results of the 1984 sampling program were somewhat disappointing, and do not appear to bear out the anomalous silver and gold values obtained during the 1983 reconnaissance survey.

Further exploration in the 1985/1986 claim year should focus on the central part of Neewa I, as this area is still relatively unexplored. Initially, contour sampling may prove more useful and less costly in this area. If favourable results are obtained from the contour survey, a more detailed grid survey may be required.

ITEMIZED COST STATEMENT

WAGES

July 28, 1984; one day; soil sampling:		
1 Foreman; 10 hrs. @ \$15/hr.	\$	150.00
1 Labourer (compassman); 10 hrs. @ \$11.50/hr		115.00
Oct. 13, 1984; one day; soil sampling:		
1 Foreman; 10 hrs. @ \$15/hr.		150.00
1 Labourer (compassman); 10 hrs. @ \$11.50/hr		115.00
Oct. 20, 1984; one day; soil sampling:		
1 Foreman; 10 hrs. @ \$15/hr		150.00
1 Labourer (compassman); 10 hrs. @ \$11.50/hr		115.00
Oct. 21, 1984; half day; soil sampling:		
1 Foreman; 7 hrs. @ \$15/hr		105.00
1 Labourer (compassman); 7 hrs. @ \$11.50/hr		80.50
Total Wages:	-----	\$ 980.50

TRANSPORTATION

July 28, 1984; one day; rental of 1-4x4 truck at \$40.00/day	40.00	
Gasoline	20.00	
Oct. 13, 1984; one day; rental of 1-4x4 truck at \$40.00/day	40.00	
Gasoline	20.00	
Oct. 20, 1984; one day; rental of 1-4x4 truck at \$40.00/day	40.00	
Gasoline	20.00	
Oct. 21, 1984; one day; rental of 1-4x4 truck at \$40.00/day	40.00	
Gasoline	20.00	
Total Transportation Costs	-----	240.00

MISCELLANEOUS

Greyhound shipping costs on 5 pails of soil samples	23.50	
Total Miscellaneous Costs	-----	23.50

COST OF ASSESSMENT REPORT PREPARATION

Report fee	90.00	
Mapping Fee	35.00	
Typing Fee	28.00	
Stationery/Photocopying/Miscellaneous	10.00	
Total Report Fees	-----	163.00

TOTAL CLAIMED COST	-----	\$ 1,407.00
		=====

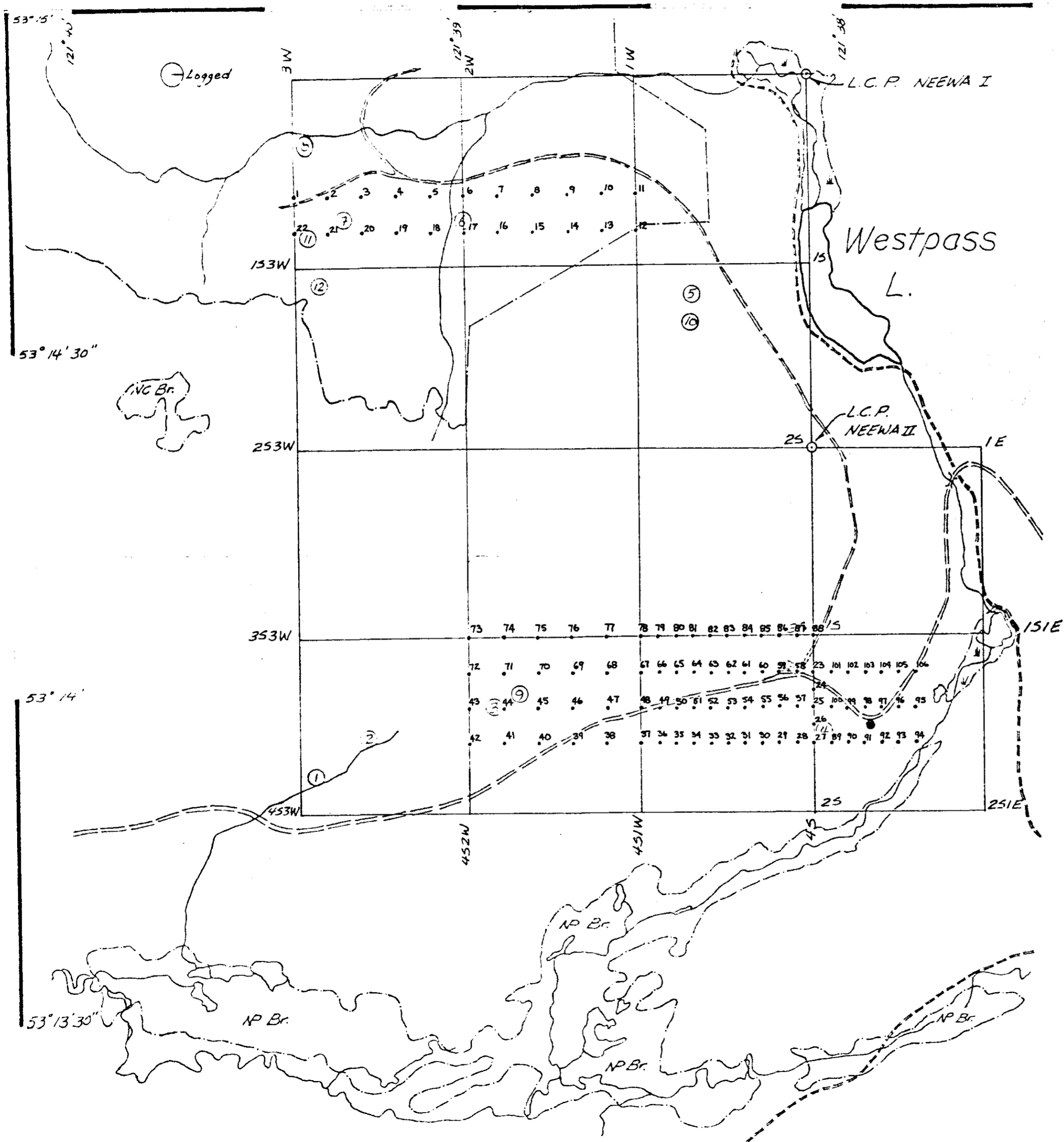
STATEMENT OF AUTHOR'S QUALIFICATIONS

I, Sonia Tataryn, attest that the statements made in this report are correct to the best of my knowledge, and that this report was prepared by me personally.

I graduated from the University of Alberta in 1982 with a B.Sc. in geology, with distinction. I am currently registered as a member-in-training with the Association of Professional Engineers, Geologists, and Geophysicists of Alberta. I have approximately 1.5 years of experience in geological exploration.

A handwritten signature in black ink, appearing to read 'S. Tataryn', with a long horizontal flourish extending to the right.

Sonia Tataryn

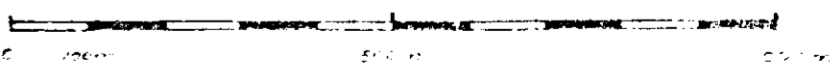


MAP 3
SAMPLE LOCATIONS

- SOIL SAMPLE, 1983 ⊙ LEGAL CORNER POST
- SOIL SAMPLE, 1984
- ROCK SAMPLE == ROAD
- ⊗ WASHED AREA — CLAIM BOUNDARY

BOUNDARY SURVEY BY CHAIN & COMPASS

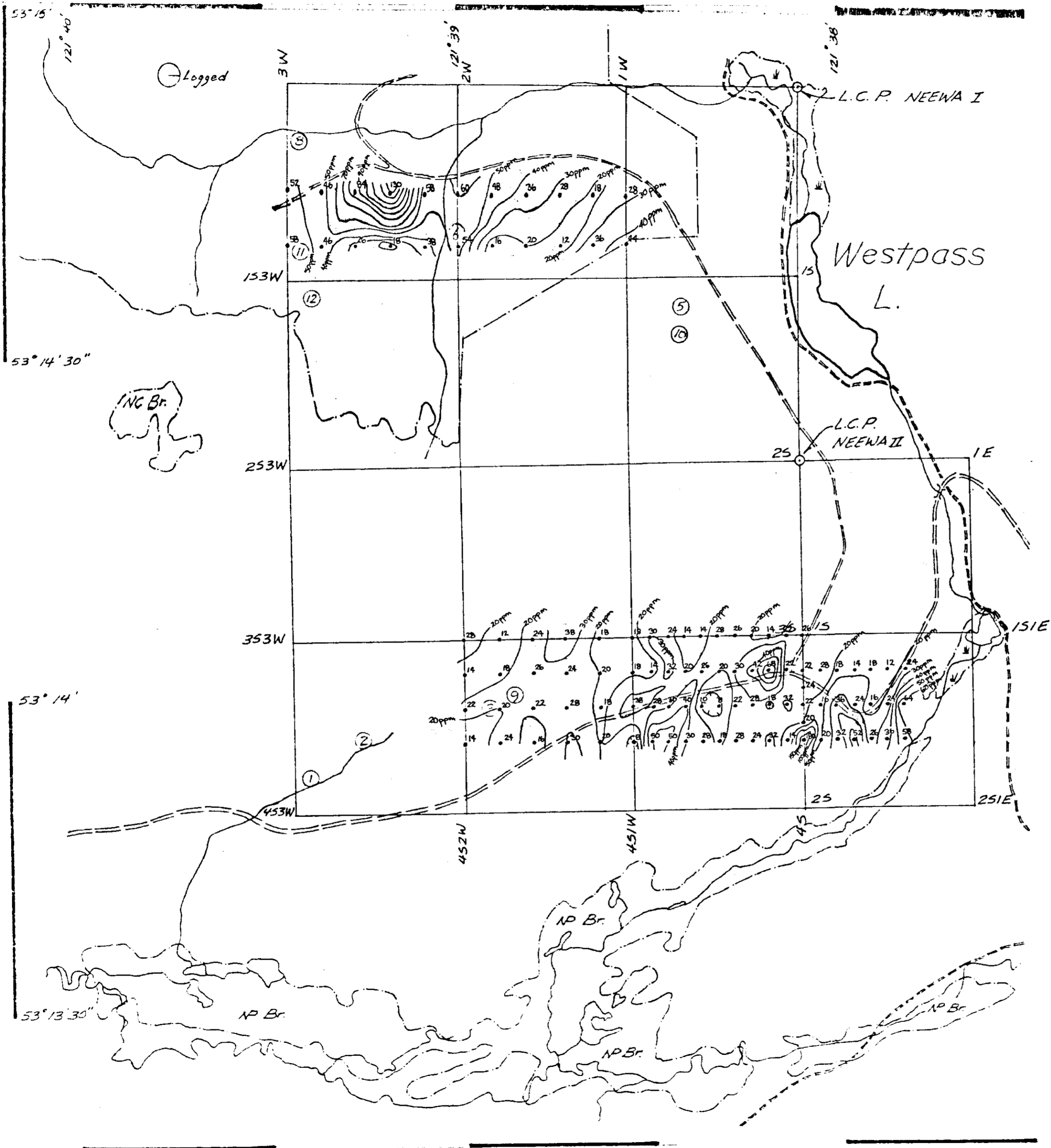
N.T.S. : 93 H 4 E



SCALE 1:10 000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,226

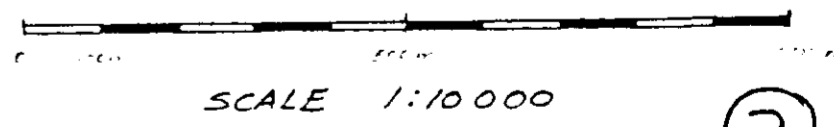


MAP 4
 SAMPLE RESULTS
 (Cu)-COPPER

- SOIL SAMPLE, 1983*
- SOIL SAMPLE, 1984*
- ROCK SAMPLE
- ⊙ LEGAL CORNER POST
- == ROAD
- ~ 20ppm CONTOUR LINE
- ⊞ WASHED AREA
- CLAIM BOUNDARY

BOUNDARY SURVEY BY CHAIN & COMPASS

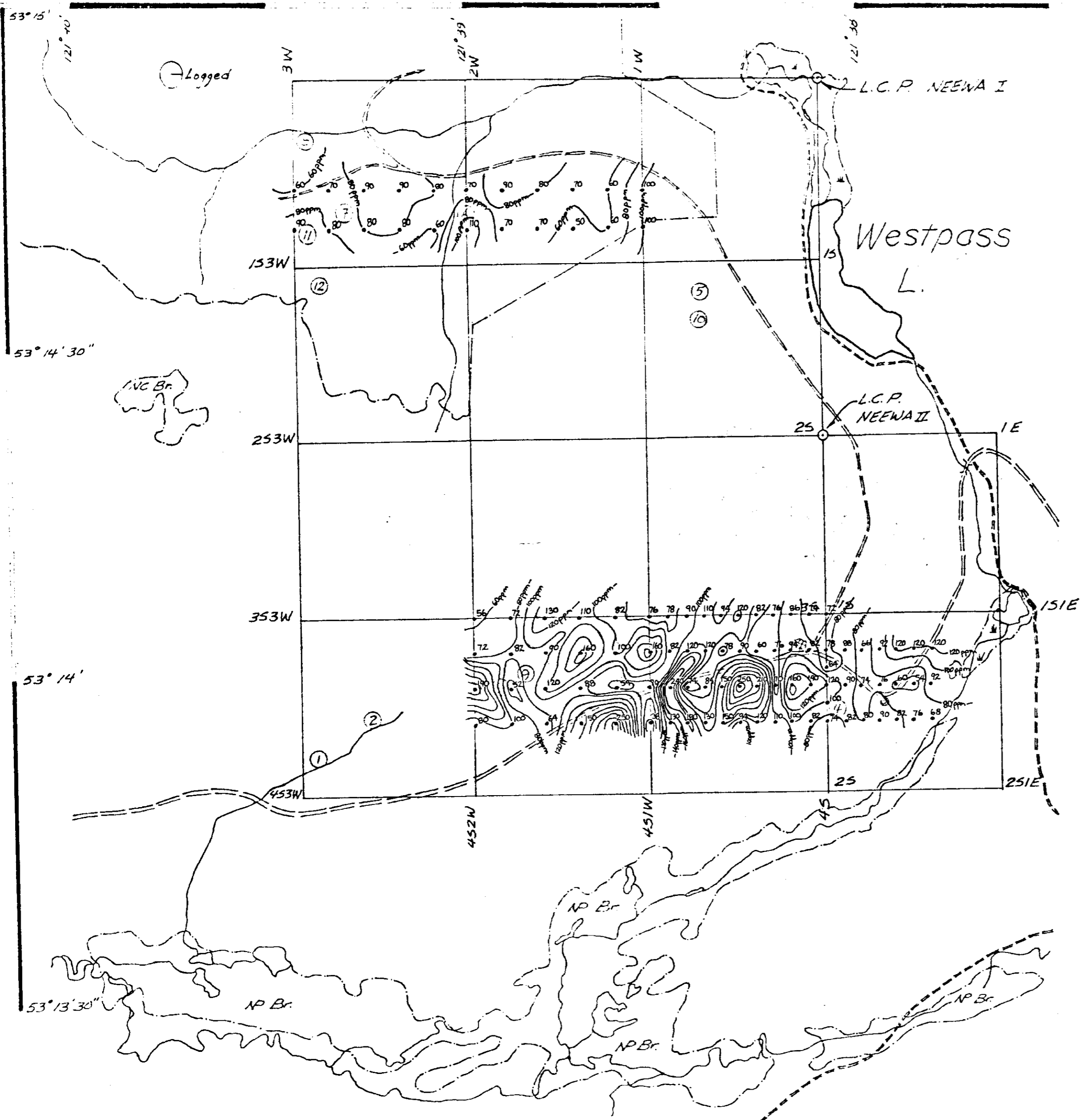
NTS : 93 H 4 E



* Cu in ppm

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

14,226



MAP 5

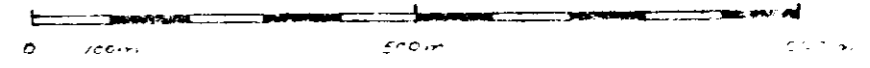
SAMPLE RESULTS (Zn)-ZINC

- SOIL SAMPLE, 1983*
- SOIL SAMPLE, 1984*
- ROCK SAMPLE
- ⊙ LEGAL CORNER POST
- == ROAD
- ~ CONTOUR LINE
- - - CLAIM BOUNDARY
- ⊞ WASHED AREA

BOUNDARY SURVEY BY CHAIN & COMPASS

N.T.S. : 93 H 4 E

3

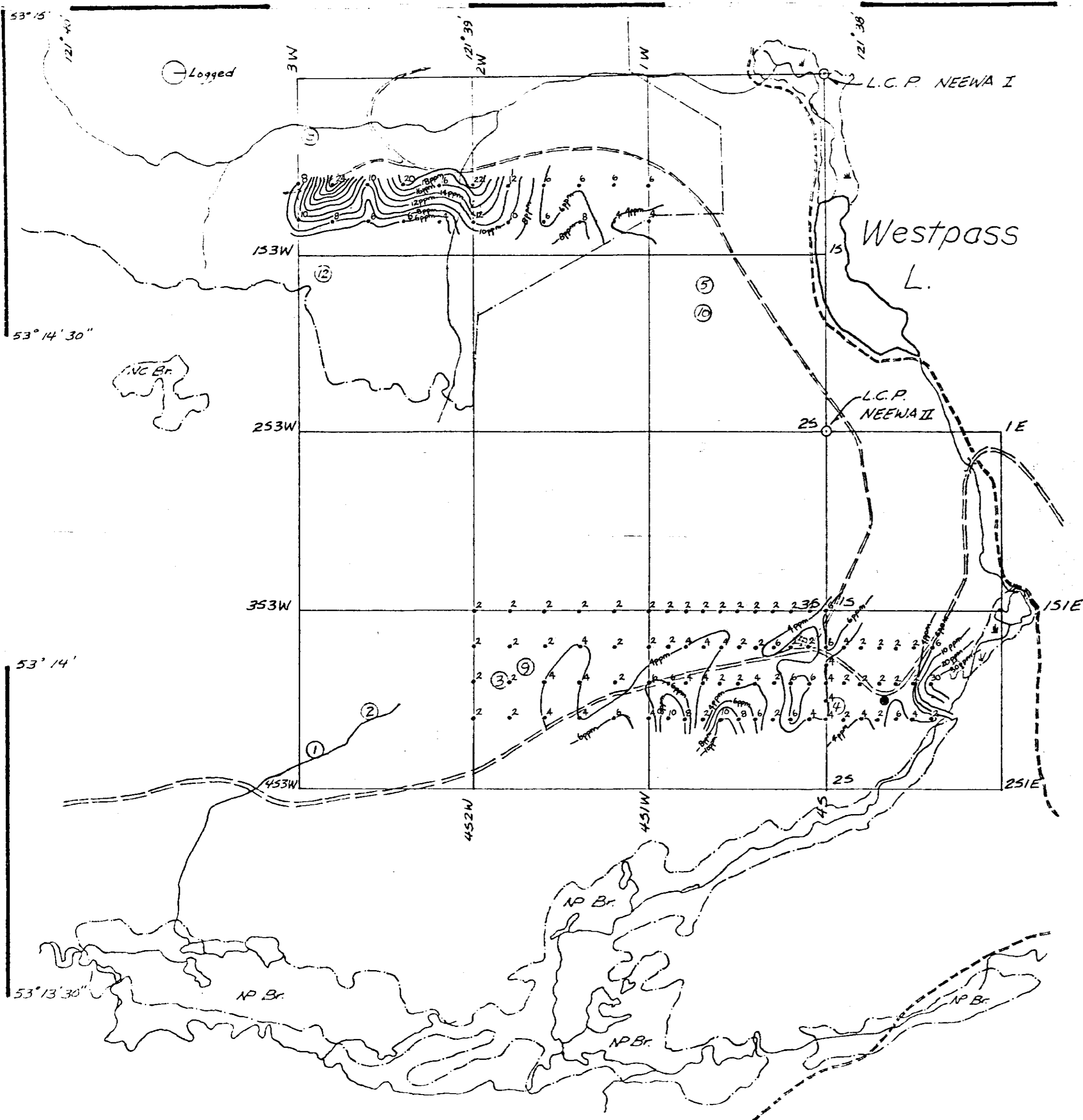


SCALE 1:10000

* Zn IN ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,226



MAP 6

SAMPLE RESULTS

(Pb)-LEAD

- SOIL SAMPLE, 1983* ⊙ LEGAL CORNER POST
- SOIL SAMPLE, 1984*
- ROCK SAMPLE
- ⊞ WASHED AREA
- ROAD
- 6ppm CONTOUR LINE
- CLAIM BOUNDARY

BOUNDARY SURVEY BY CHAIN & COMPASS

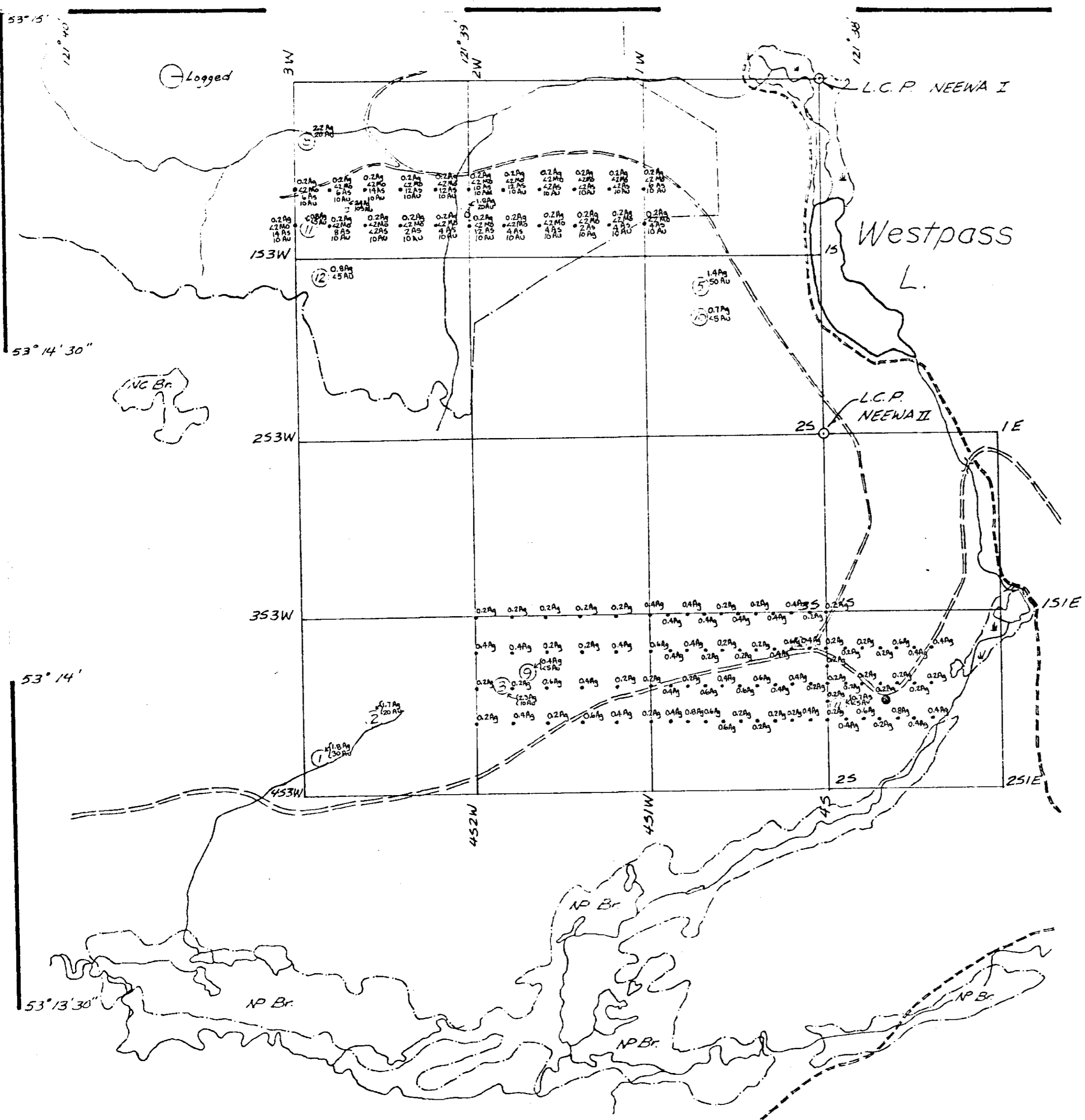
NTS : 93 H 4 E

SCALE 1:10 000

* Pb in ppm
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

④

14,226



MAP 7

SAMPLE RESULTS (Ag-Mo-As-Au)

- SOIL SAMPLE, 1983* ⊙ LEGAL CORNER POST
- SOIL SAMPLE, 1984*
- ROCK SAMPLE == ROAD
- ⊗ WASHED AREA — CLAIM BOUNDARY

BOUNDARY SURVEY BY CHAIN & COMPASS

N.T.S. : 93 H 4 E

SCALE 1:10 000

*Ag, Mo, As in ppm. Au in ppb.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,226