

1981

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

WAY 1-23, BULL 1-5, CLIMAX 1-11

POST 1 AND MACC MINERAL CLAIMS

LIARD MINING DIVISION, BRITISH COLUMBIA  
N.T.S. 104-O-16E and W  
Latitude: 59°56'N; Longitude 130°15'W

OWNER: REGIONAL RESOURCES LTD.

UNDER OPTION TO  
AMAX OF CANADA LIMITED

OPERATOR: REGIONAL RESOURCES LTD.

CONSULTANT: CORDILLERAN ENGINEERING

BY

CORDILLERAN ENGINEERING  
1418-355 Burrard Street  
Vancouver, B.C. V6C 2G8



DATE SUBMITTED: DECEMBER, 1981

WORK PERIOD: June 1 - Oct. 20, 1981

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PART 1: Plates 1 to 17

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**ACCOMPANYING REPORTS:**

RE: AIRBORNE GEOPHYSICS:

1981 GEOPHYSICAL ASSESSMENT REPORT

Midway Property

By: J.L.LeBel, AMAX, Vancouver and  
Dighem Limited, Toronto

RE: GROUND EM:

GEOPHYSICAL REPORT on a  
PULSE ELECTROMAGNETOMETER SURVEY

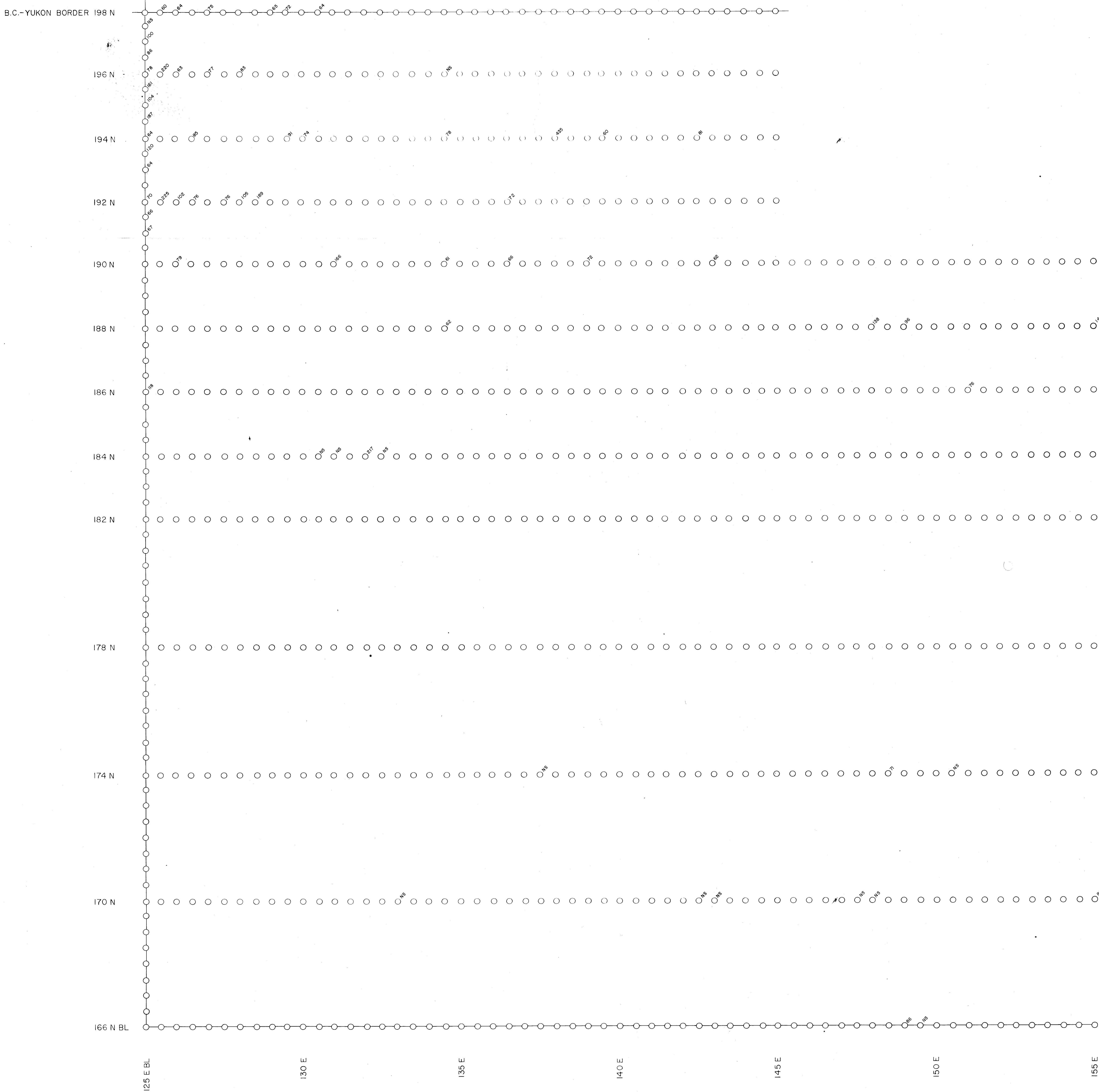
Midway Property

By: Glen E.White Geophysical Consulting  
Date of Report: October 28, 1981

RE: GRAVITY:

MIDWAY PROPERTY GRAVITY SURVEY

By: Ager, Berretta & Associates Inc.  
Date of Report: November, 1981

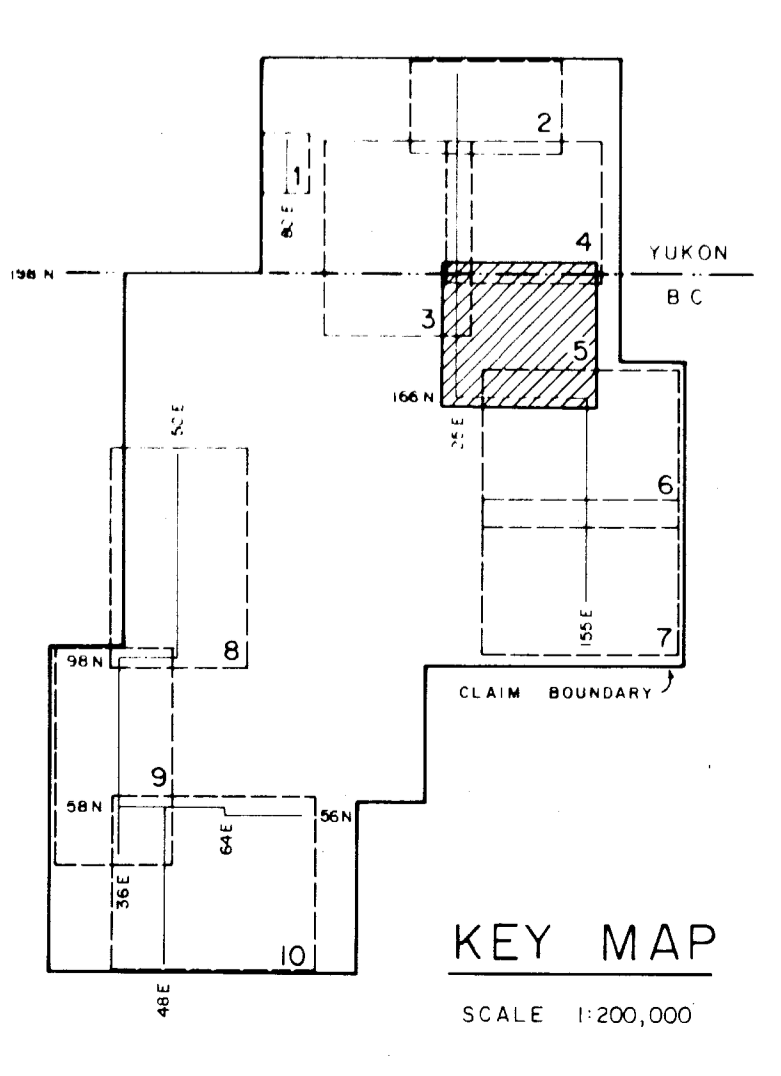


LEGEND

- Pb CONCENTRATION IN PPM
- BACKGROUND < 60
  - WEAKLY ANOMALOUS 60 - 140
  - MODERATELY ANOMALOUS 141 - 340
  - ANOMALOUS 341 - 830
  - STRONGLY ANOMALOUS > 830

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

- SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM
- NS NO SAMPLE COLLECTED
- IS INSUFFICIENT SAMPLE
- ⊕ LEGAL CORNER POSTS AND CLAIM BOUNDARIES



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9912**  
No. **3 of 7**

REGIONAL RESOURCES LTD.  
AMAX MINERALS EXPLORATION

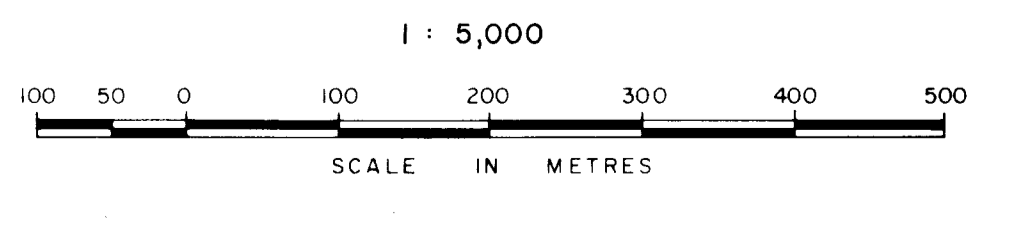
MIDWAY PROPERTY

SOIL GEOCHEMISTRY - Pb

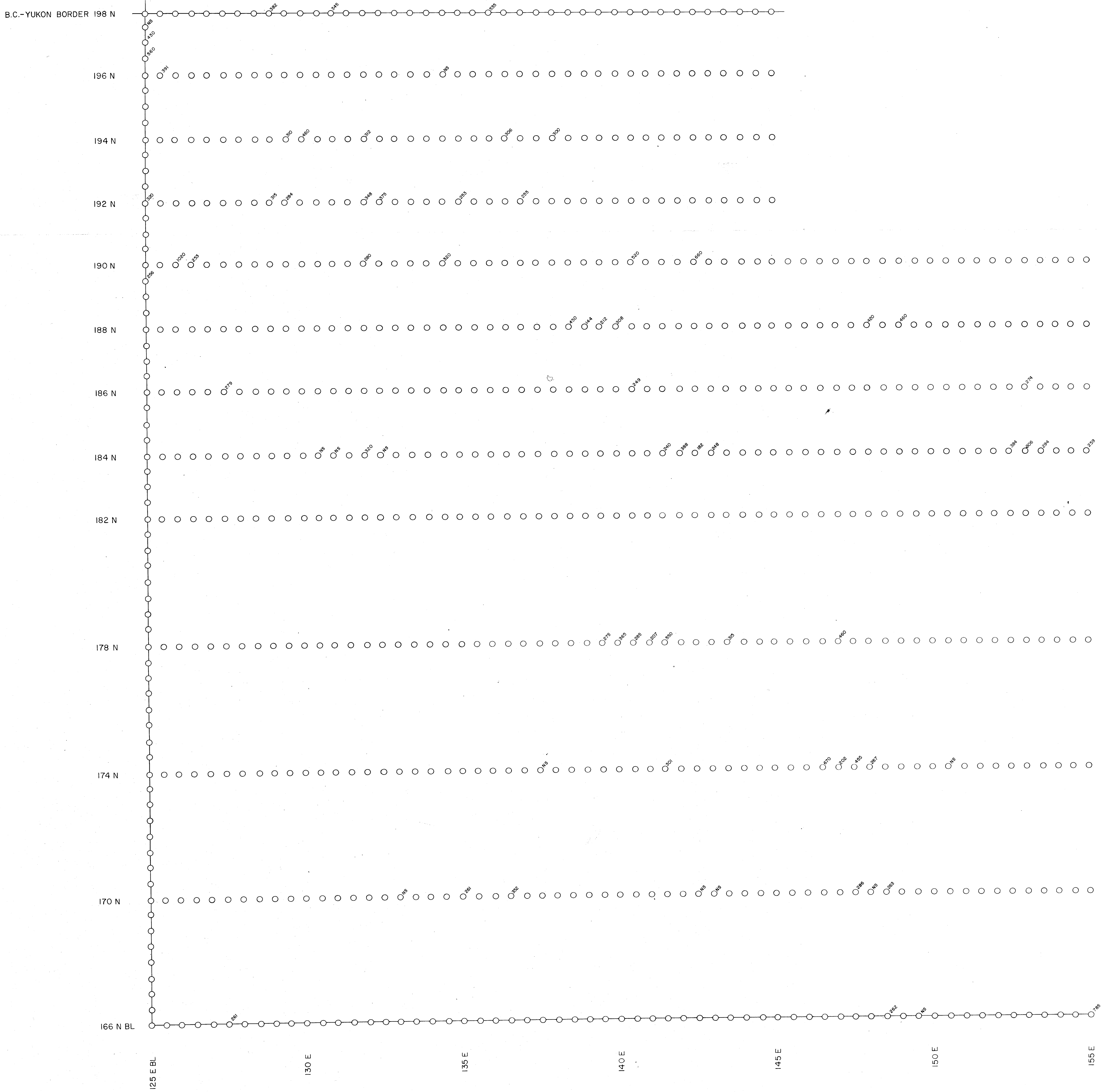
NORTH GRID KEY # 5

LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 D, 105 B

*[Signature]*



CORDILLERAN ENGINEERING  
1418 - 355 BURNARD STREET  
VANCOUVER, B.C. V6C 2G8



**LEGEND**

- Zn CONCENTRATION IN PPM
- BACKGROUND < 250
  - WEAKLY ANOMALOUS 251 - 500
  - MODERATELY ANOMALOUS 501 - 1000
  - ANOMALOUS 1001 - 2000
  - STRONGLY ANOMALOUS > 2000

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

- SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION
- NS NO SAMPLE COLLECTED
- IS INSUFFICIENT SAMPLE
- ⊕ LEGAL CORNER POSTS AND CLAIM BOUNDARIES

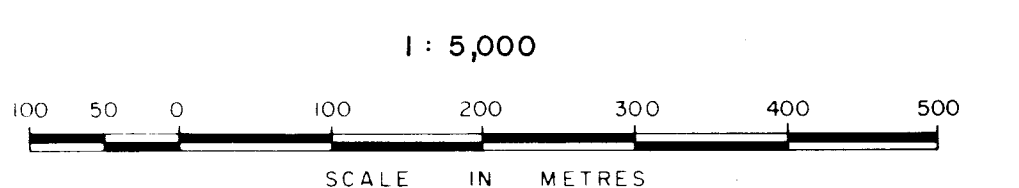
MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9912**  
NO.  
*Part 3 of 7*

REGIONAL RESOURCES LTD.  
AMAX MINERALS EXPLORATION  
MIDWAY PROPERTY

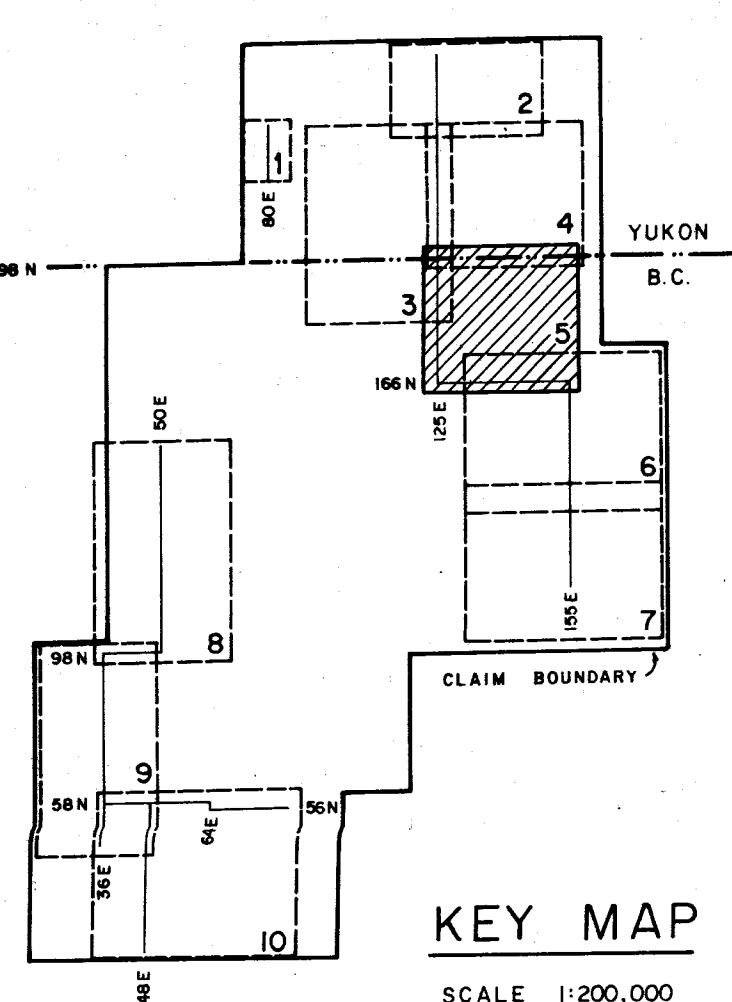
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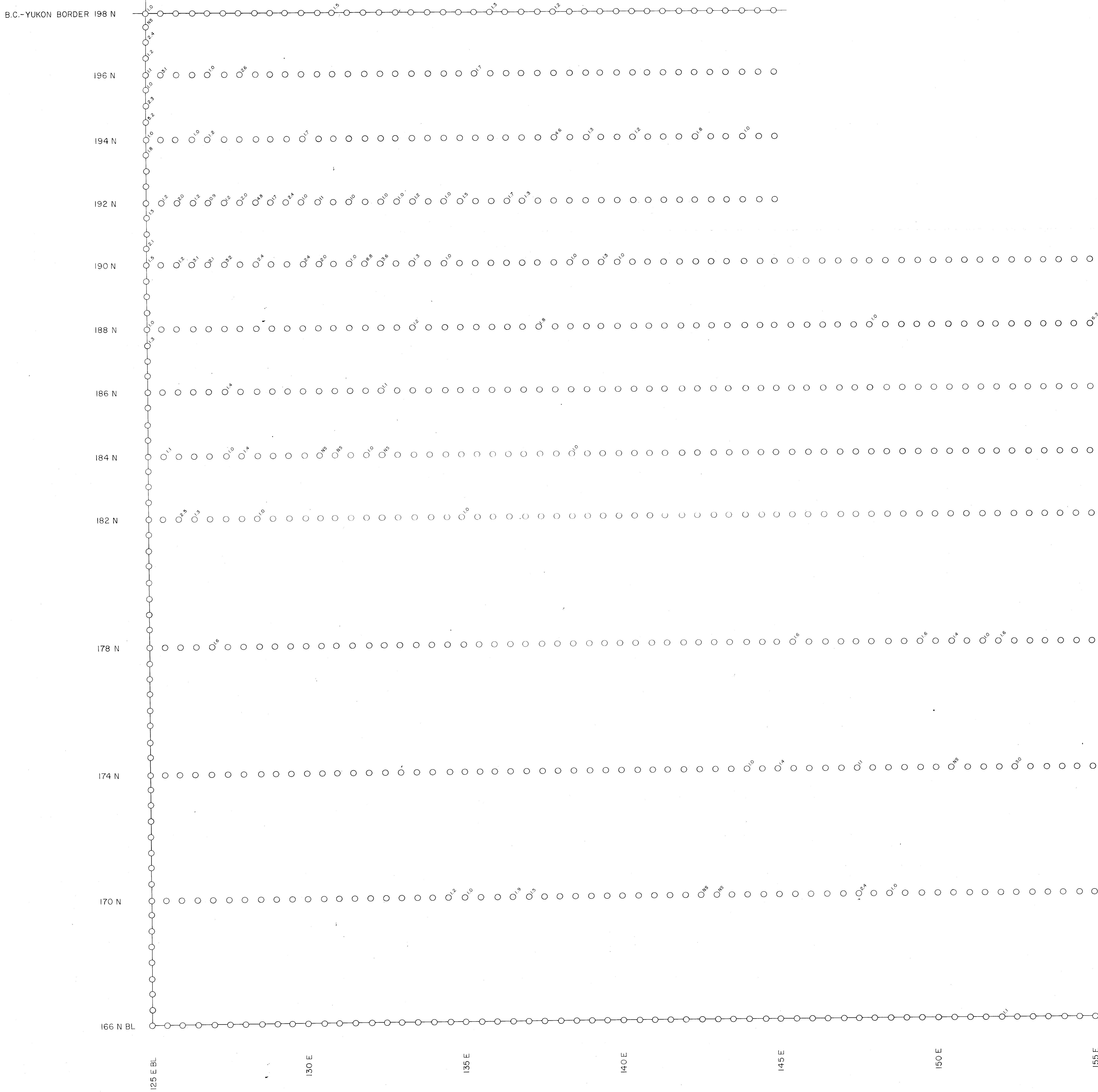
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LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 O, 105 B



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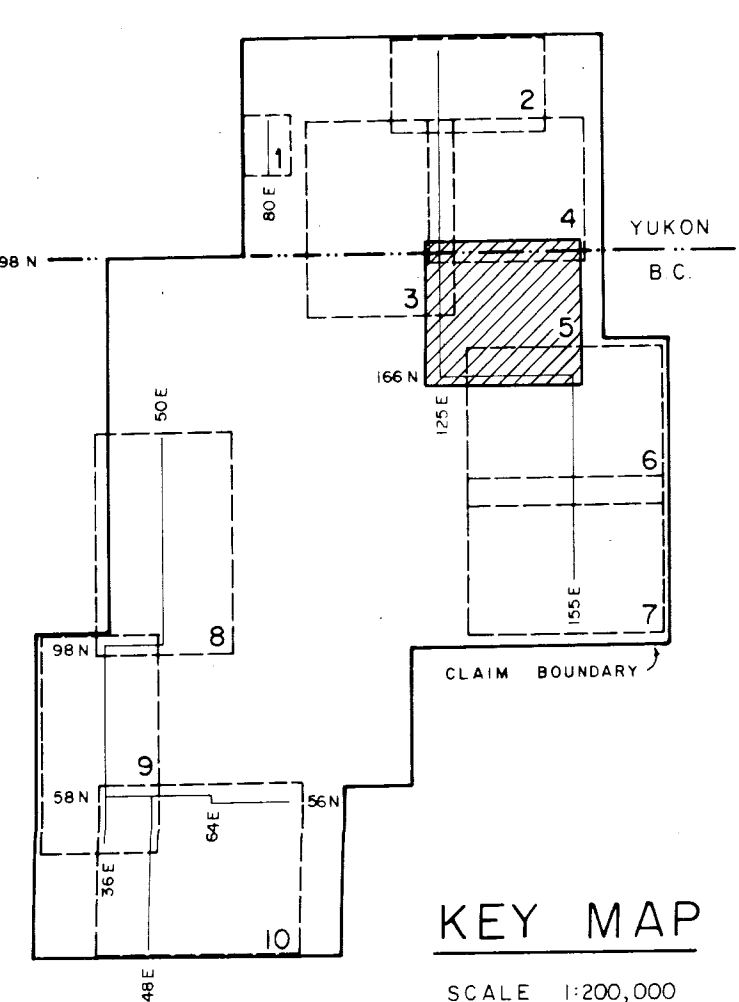
**LEGEND**

**Ag CONCENTRATION IN PPM**

- BACKGROUND < 0.9
- WEAKLY ANOMALOUS 0.9 - 2.0
- MODERATELY ANOMALOUS 2.1 - 4.3
- ANOMALOUS 4.4 - 9.0
- STRONGLY ANOMALOUS > 9.0

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

- SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM
- NS NO SAMPLE COLLECTED
- IS INSUFFICIENT SAMPLE
- ⊕ LEGAL CORNER POSTS AND CLAIM BOUNDARIES



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NO. **Part 3 of 7**

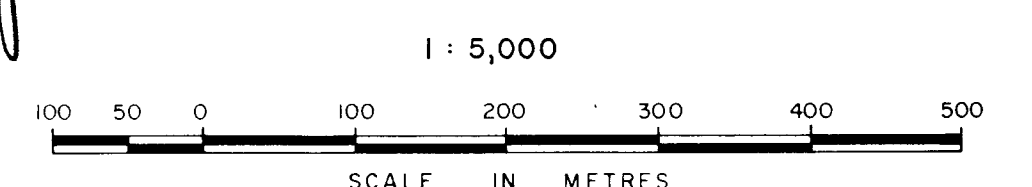
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AMAX MINERALS EXPLORATION

MIDWAY PROPERTY

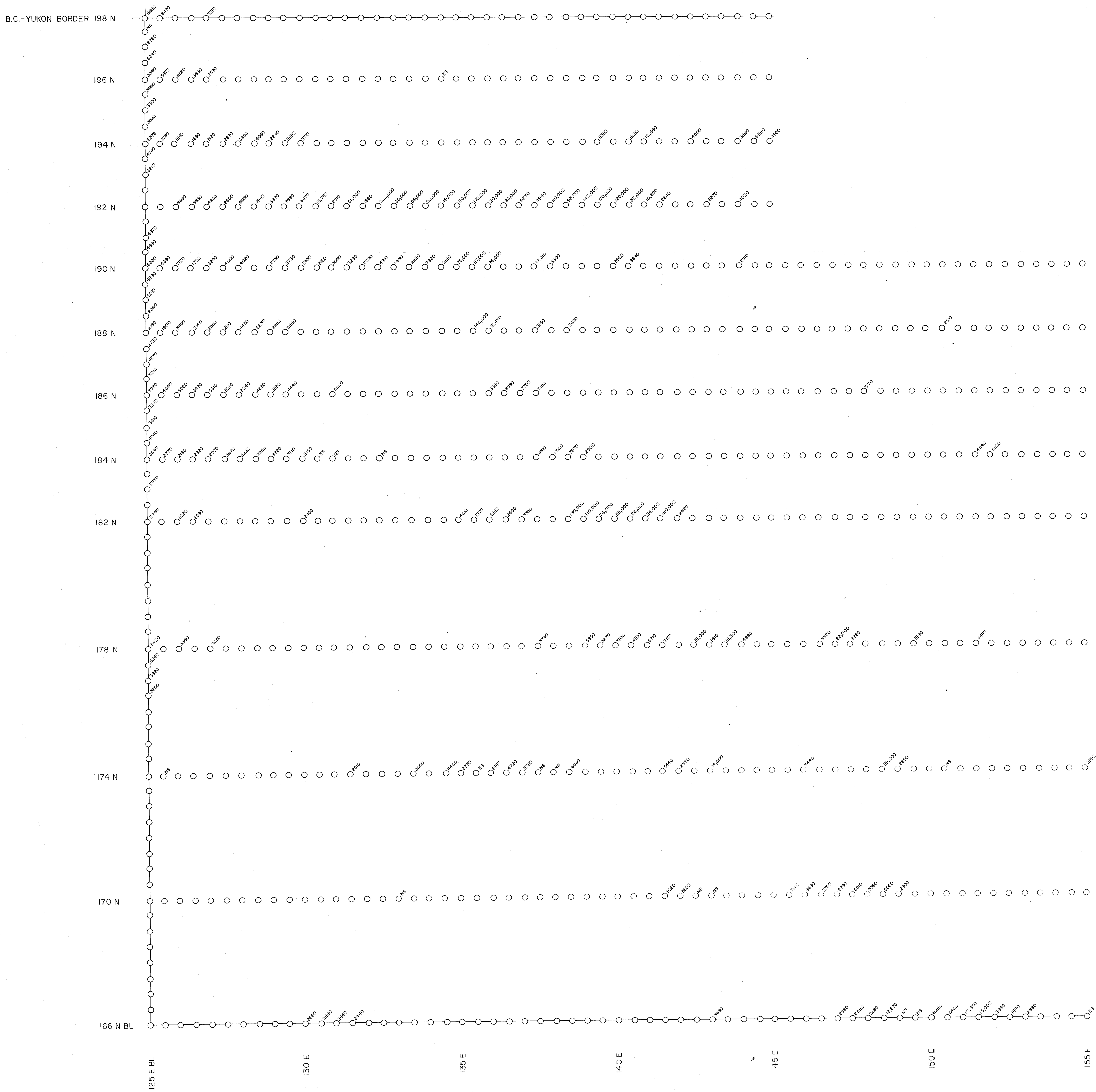
**SOIL GEOCHEMISTRY - Ag**

NORTH GRID KEY # 5

LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 O, 105 B



BY  
CORDILLERAN ENGINEERING  
149-355 BURNARD STREET  
VANCOUVER, B.C. V6C 2S8



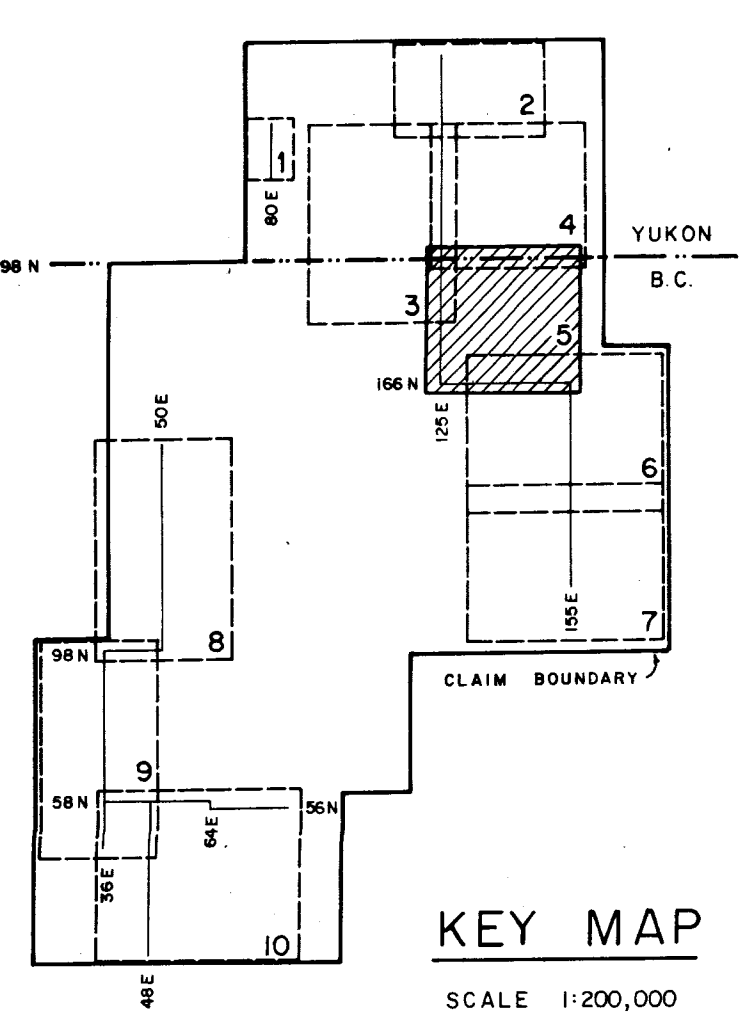
LEGEND

Ba CONCENTRATION IN PPM

- BACKGROUND < 2500
- WEAKLY ANOMALOUS 2500 - 4000
- MODERATELY ANOMALOUS 4001 - 6500
- ANOMALOUS 6501 - 10300
- STRONGLY ANOMALOUS > 10300

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

- SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM
- NS NO SAMPLE COLLECTED
- IS INSUFFICIENT SAMPLE
- ⊕ LEGAL CORNER POSTS AND CLAIM BOUNDARIES



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**9912**  
Part 3 of 7

REGIONAL RESOURCES LTD.  
AMAX MINERALS EXPLORATION

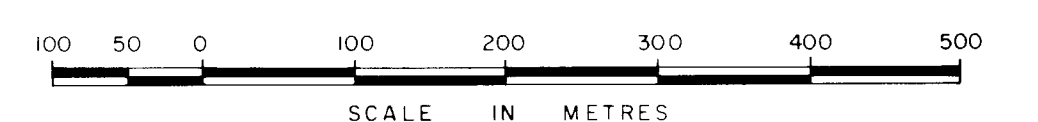
MIDWAY PROPERTY

SOIL GEOCHEMISTRY - Ba

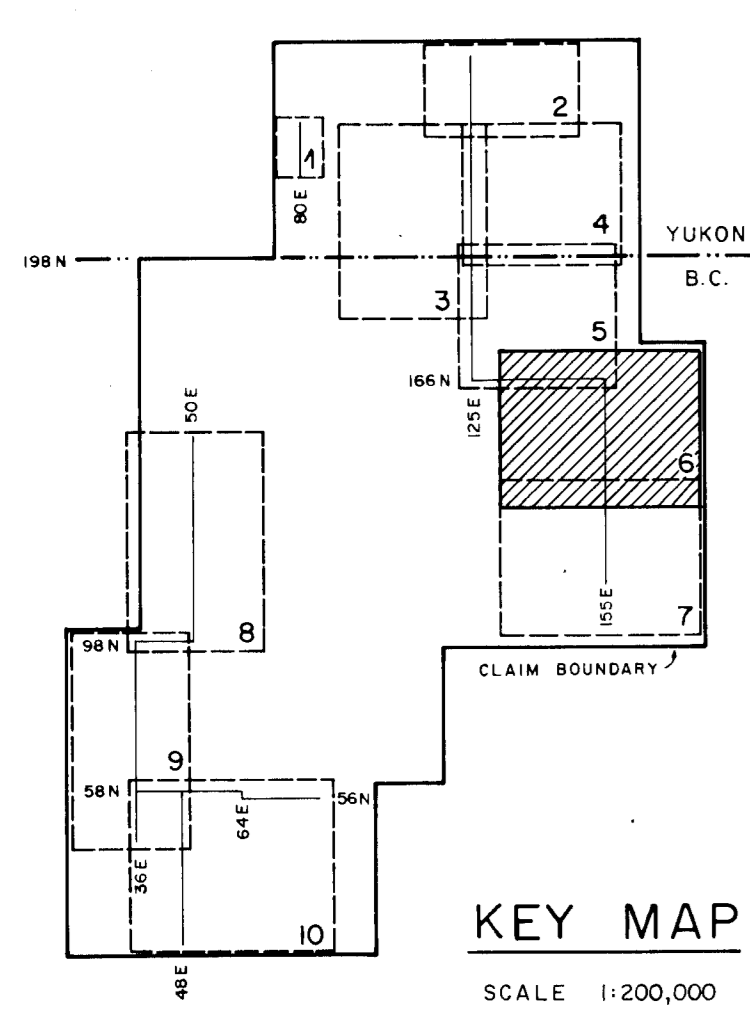
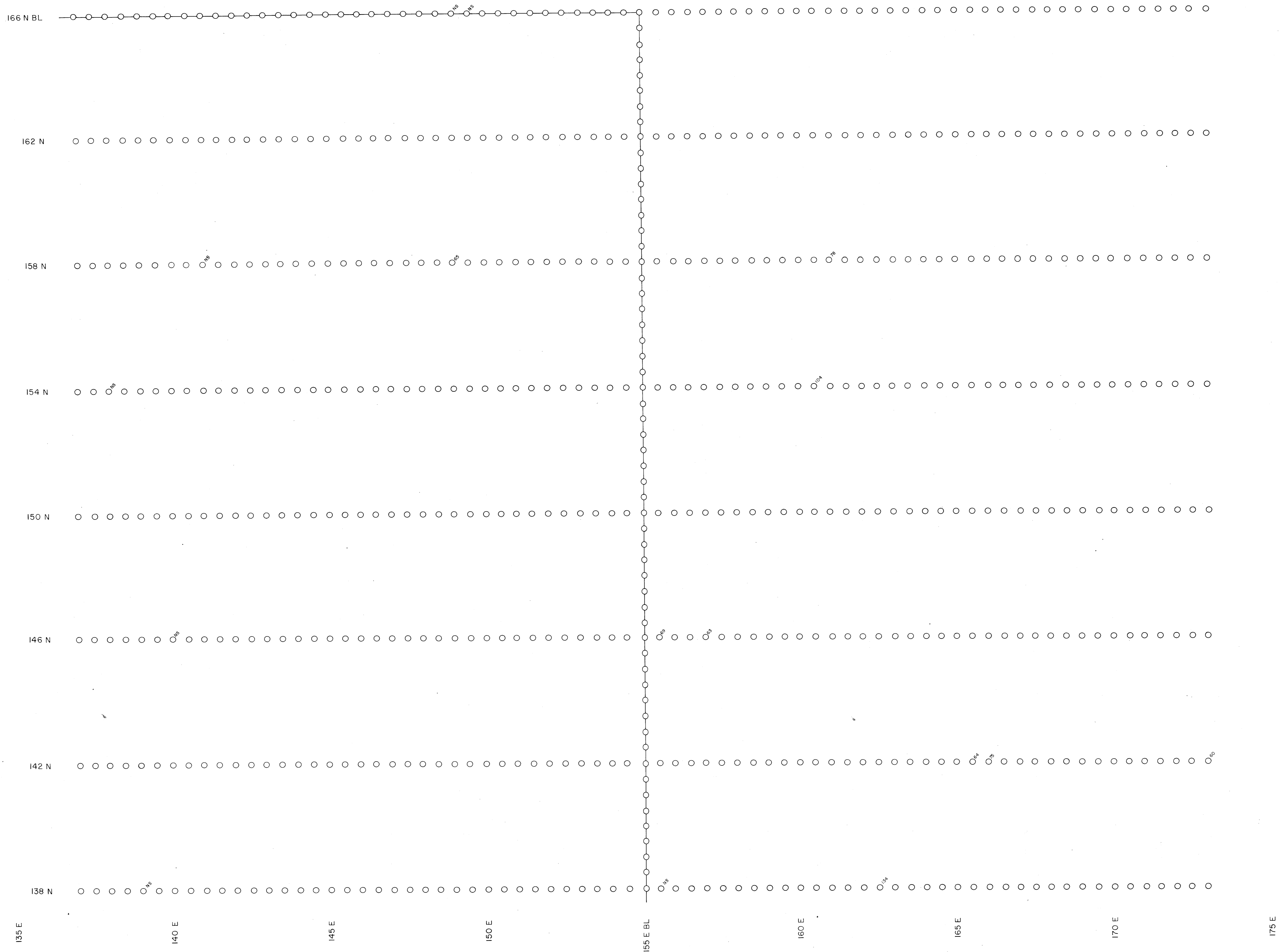
NORTH GRID KEY # 5

LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 O, 105 B

1:5,000



BY  
CORDILLERAN ENGINEERING  
148 - 333 BURNARD STREET  
VANCOUVER, B.C. V6C 2S8



LEGEND

Pb CONCENTRATION IN PPM				
○	BACKGROUND	< 60	○	SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM
○	WEAKLY ANOMALOUS	60 - 140	○ NS	NO SAMPLE COLLECTED
○	MODERATELY ANOMALOUS	141 - 340	○ IS	INSUFFICIENT SAMPLE
○	ANOMALOUS	341 - 830	+	LEGAL CORNER POSTS AND CLAIM BOUNDARIES
○	STRONGLY ANOMALOUS	> 830		

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

MINERAL EXPLORATION  
 ACCOUNT NO. 9912  
 Part 3 of 7

REGIONAL RESOURCES LTD.  
 AMAX MINERALS EXPLORATION

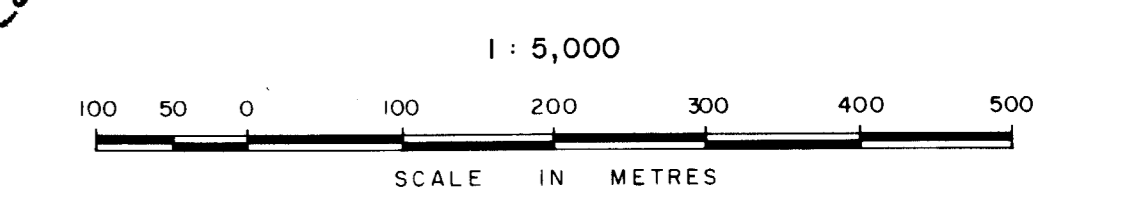
MIDWAY PROPERTY

SOIL GEOCHEMISTRY - Pb

NORTH GRID KEY # 6

LIARD MINING DIVISION, B.C.  
 WATSON LAKE MINING DISTRICT, Y.T.  
 N.T.S. 104-D, 105-B

*J. L. L.*

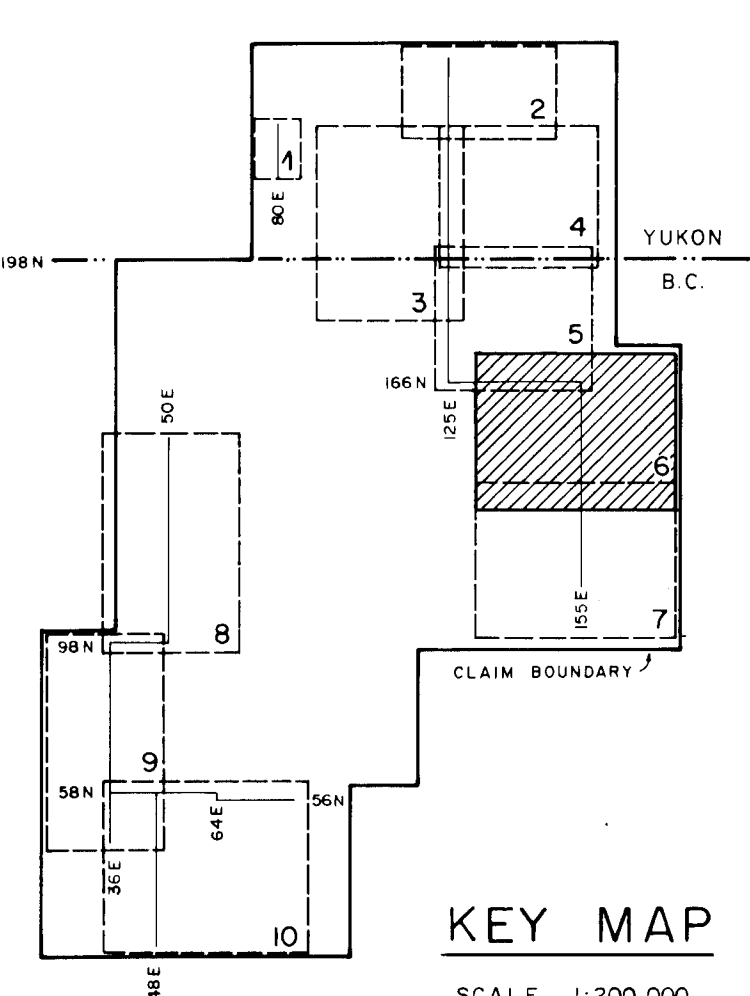
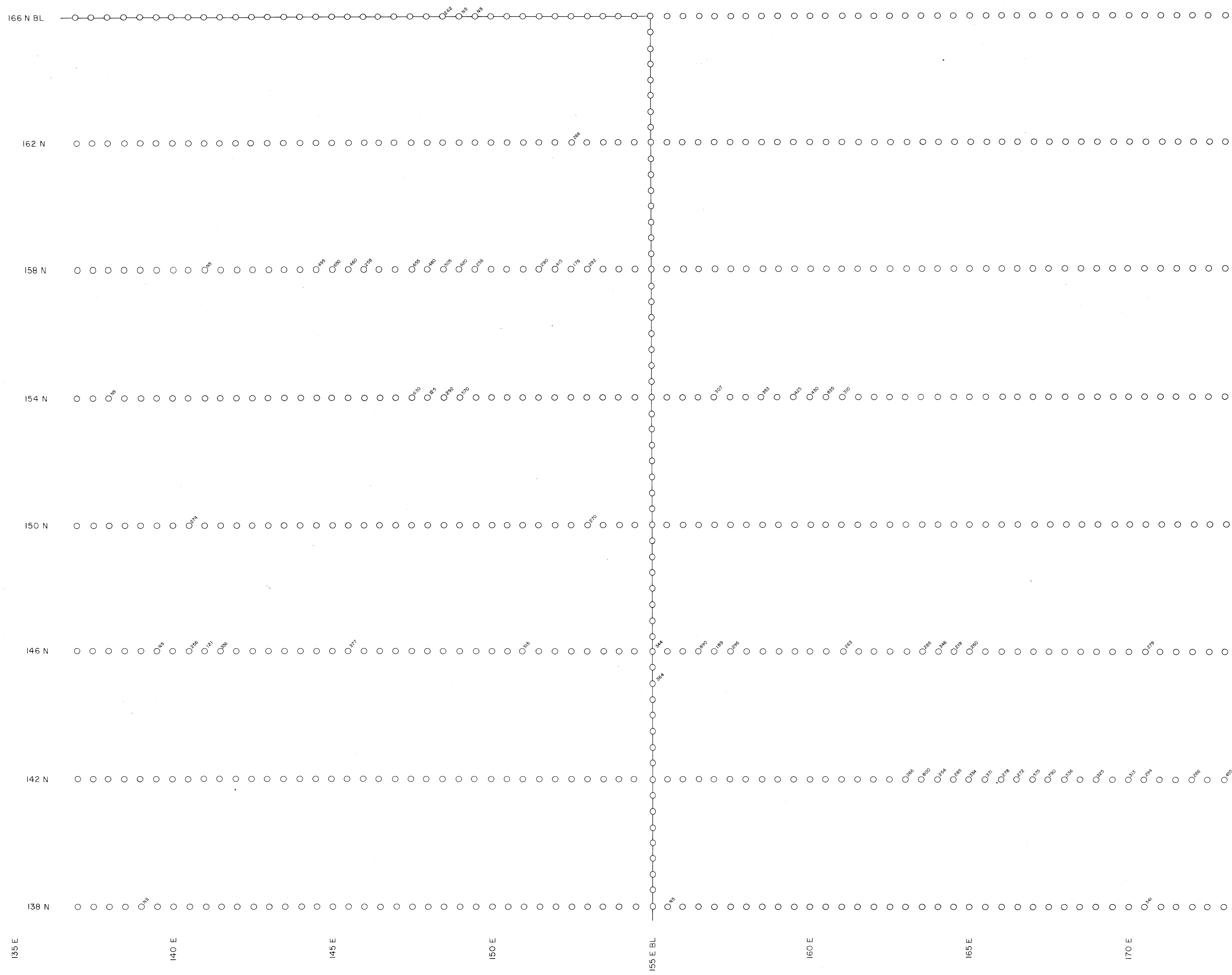


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 14-B-355 BURRARD STREET  
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DECEMBER 1981

PLATE 22



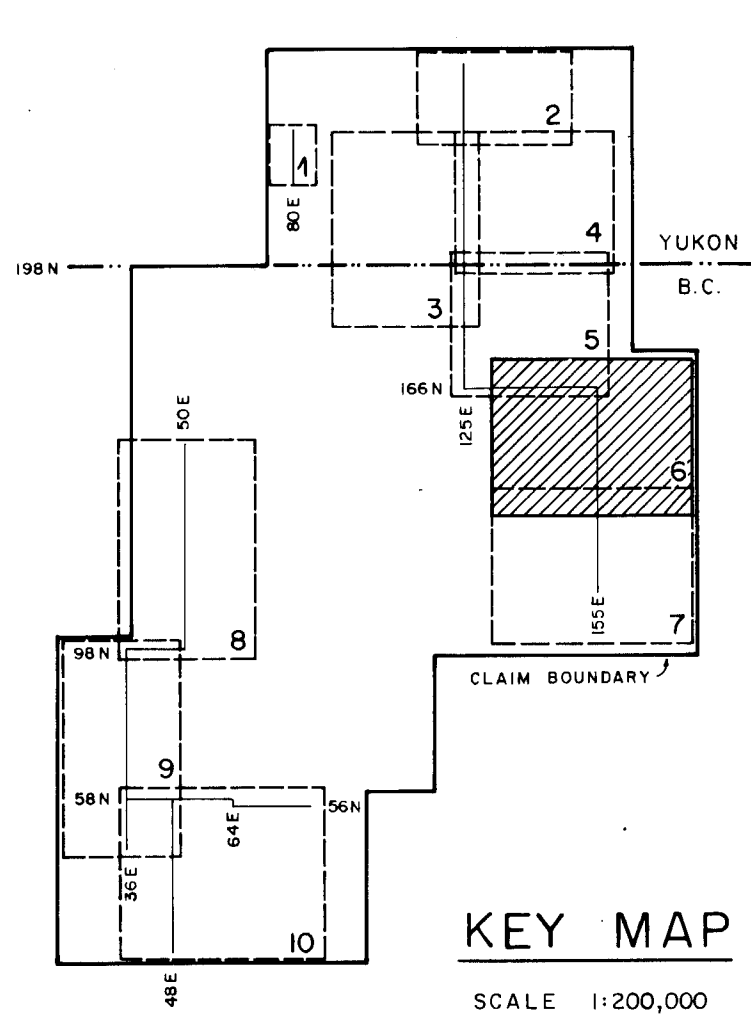
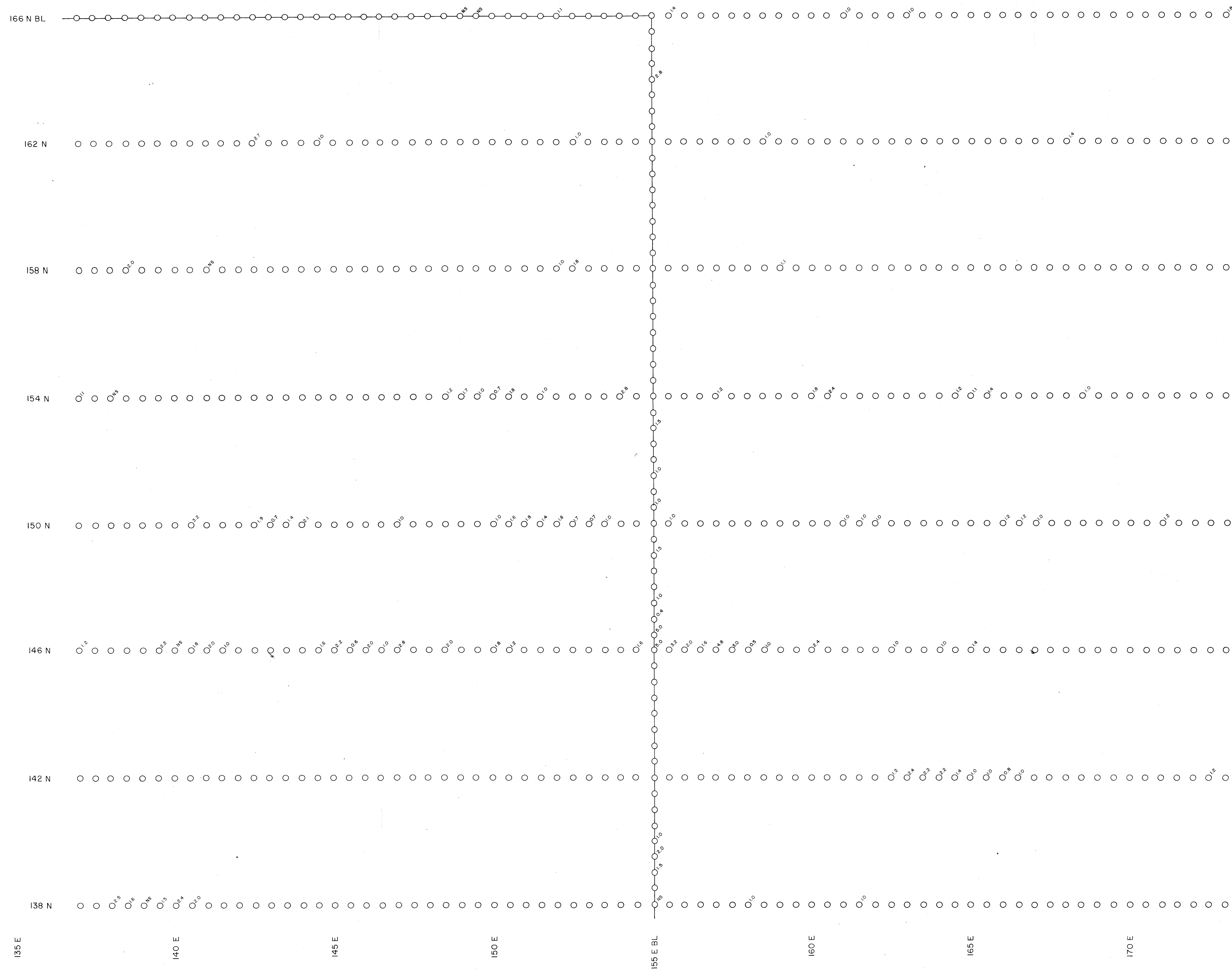


LEGEND

- |                         |                                 |      |   |
|-------------------------|---------------------------------|------|---|
| Zn CONCENTRATION IN PPM |                                 | ○    | SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM |
| ○                       | BACKGROUND < 250                | ○ NS | NO SAMPLE COLLECTED                                   |
| ○                       | WEAKLY ANOMALOUS 251 - 500      | ○ 15 | INSUFFICIENT SAMPLE                                   |
| ○                       | MODERATELY ANOMALOUS 501 - 1000 | +    | LEGAL CORNER POSTS AND CLAIM BOUNDARIES               |
| ○                       | ANOMALOUS 1000 - 2000           |      |   |
| ○                       | STRONGLY ANOMALOUS > 2000       |      |   |

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

REGIONAL RESOURCES LTD.  
 AMAX MINERALS EXPLORATION  
 MIDWAY PROPERTY  
**SOIL GEOCHEMISTRY - Zn**  
 NORTH GRID KEY # 6  
 LIARD MINING DIVISION, B.C.  
 WATSON LAKE MINING DISTRICT, Y.T.  
 N.T.S. 104 O, 105 B  
 1:5,000  
  
 BY  
 COROLLERAN ENGINEERING  
 418-555 BURNARD STREET  
 VANCOUVER, B.C. V6C 2S8  
 DECEMBER 1981



LEGEND

○	BACKGROUND	< 0.9	○	SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM
○	WEAKLY ANOMALOUS	0.9 - 2.0	○ NS	NO SAMPLE COLLECTED
○	MODERATELY ANOMALOUS	2.1 - 4.3	○ IS	INSUFFICIENT SAMPLE
○	ANOMALOUS	4.4 - 9.0	+	LEGAL CORNER POSTS AND CLAIM BOUNDARIES
○	STRONGLY ANOMALOUS	> 9.0		

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

REGIONAL RESOURCES BRANCH  
**9912**  
 NO. **307**

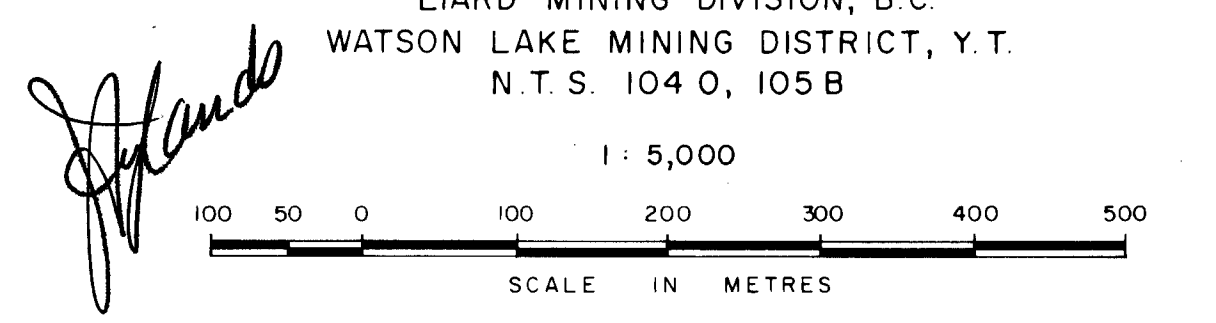
REGIONAL RESOURCES LTD.  
 AMAX MINERALS EXPLORATION

MIDWAY PROPERTY

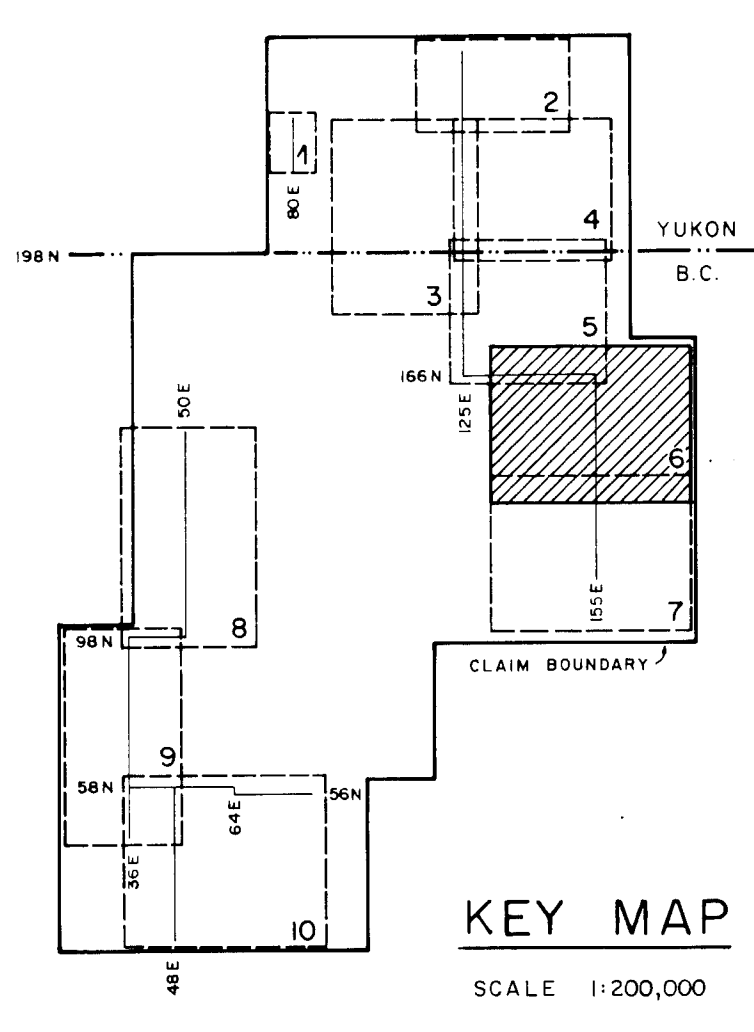
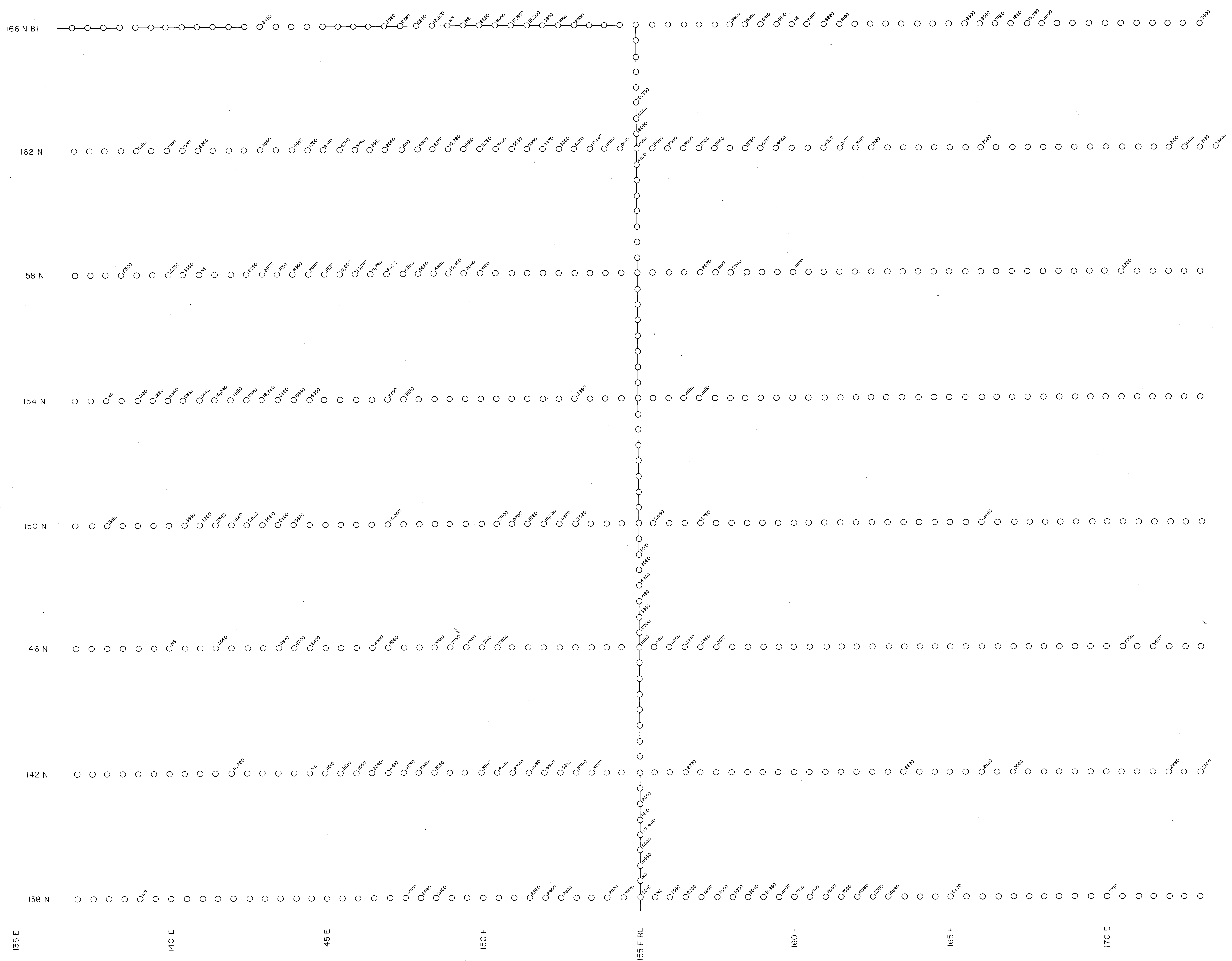
SOIL GEOCHEMISTRY - Ag

NORTH GRID KEY # 6

LIARD MINING DIVISION, B.C.  
 WATSON LAKE MINING DISTRICT, Y.T.  
 N.T.S. 104 O, 105 B



BY  
 CORDILLERAN ENGINEERING  
 148-355 BURNARD STREET  
 VANCOUVER, B.C. V6C 2G8



**LEGEND**

Ba CONCENTRATION IN PPM			
○	BACKGROUND < 2500	○	SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM
○	WEAKLY ANOMALOUS 2500-4000	○ NS	NO SAMPLE COLLECTED
○	MODERATELY ANOMALOUS 4001-6500	○ IS	INSUFFICIENT SAMPLE
○	ANOMALOUS 6501-10300	+	LEGAL CORNER POSTS AND CLAIM BOUNDARIES
○	STRONGLY ANOMALOUS >10300		

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

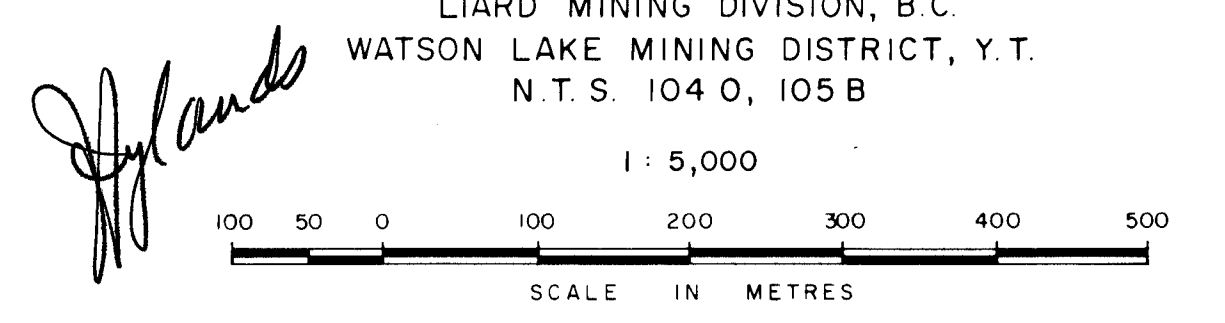
MINERAL RESOURCES BRANCH  
ASSESSMENT DIVISION  
**9912**  
NO.  
**Part 3 of 7**

REGIONAL RESOURCES LTD.  
AMAX MINERALS EXPLORATION

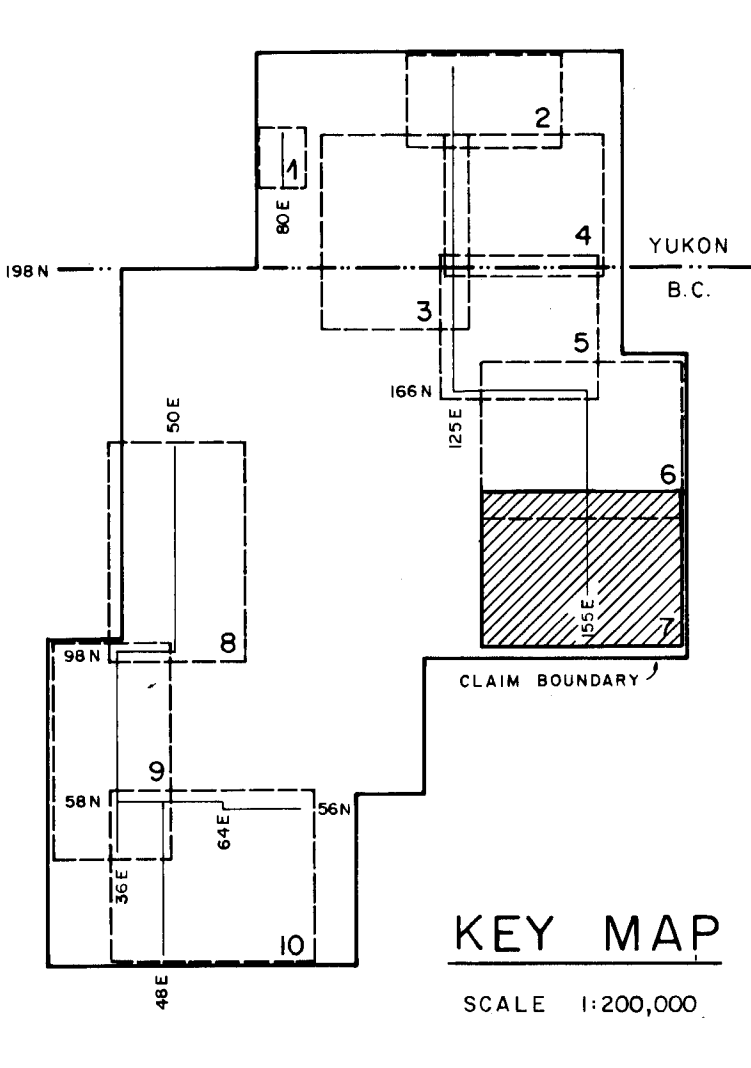
**MIDWAY PROPERTY  
SOIL GEOCHEMISTRY - Ba**

NORTH GRID KEY # 6

LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 D, 105 B



BY  
CORDILLERAN ENGINEERING  
418 - 325 BURNARD STREET  
VANCOUVER, B.C. V6C 2S8



**LEGEND**

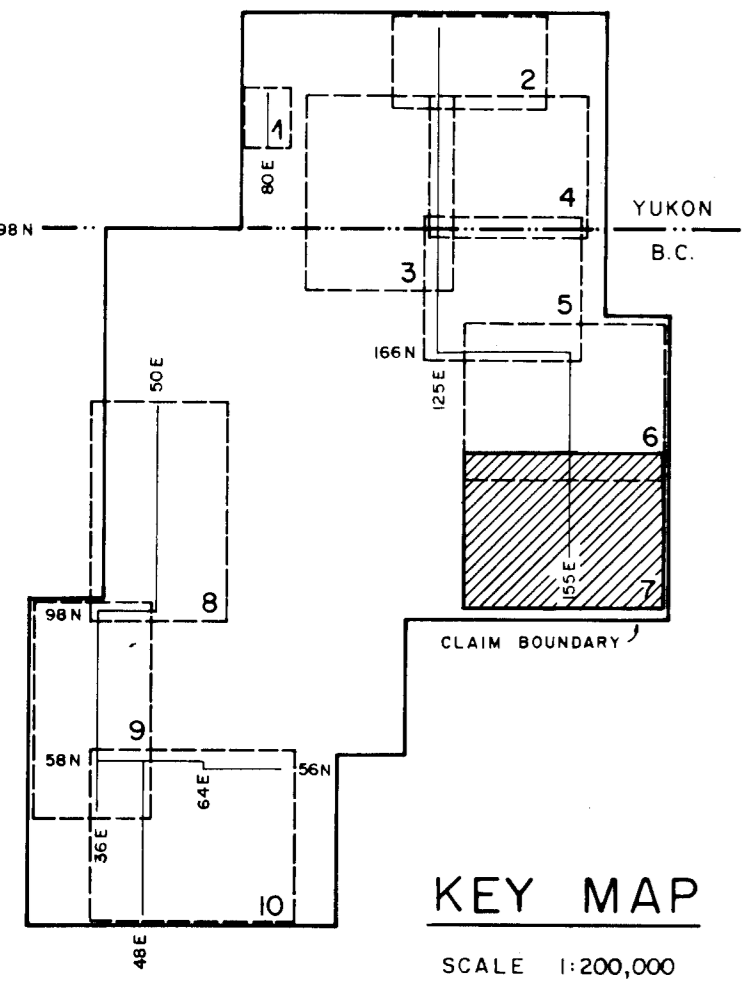
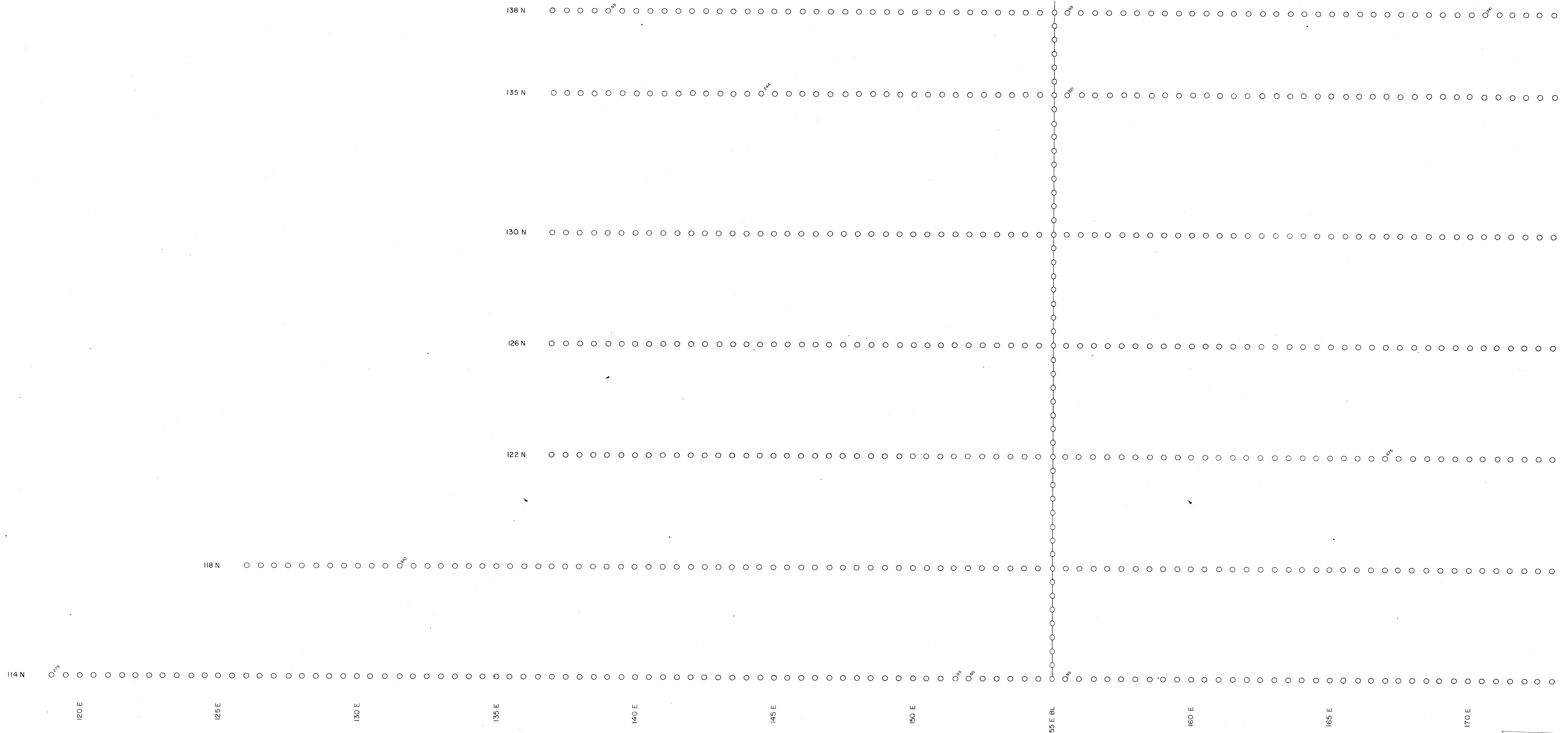
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|-------------------------|--------------------------------|------|---|
| Pb CONCENTRATION IN PPM |                                | ○    | SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM |
| ○                       | BACKGROUND <60                 | ○ NS | NO SAMPLE COLLECTED                                   |
| ○                       | WEAKLY ANOMALOUS 60 - 140      | ○ IS | INSUFFICIENT SAMPLE                                   |
| ○                       | MODERATELY ANOMALOUS 141 - 340 | +    | LEGAL CORNER POSTS AND CLAIM BOUNDARIES               |
| ○                       | ANOMALOUS 341 - 830            |      |   |
| ○                       | STRONGLY ANOMALOUS >830        |      |   |

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED



MINERAL RESOURCES ACT  
 9912  
 Part 3 of 7

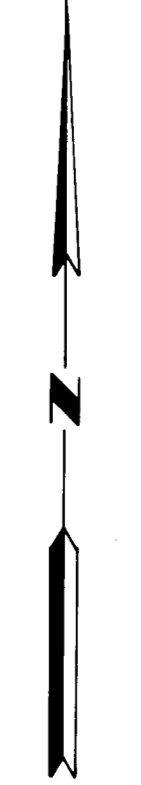
REGIONAL RESOURCES LTD.  
 AMAX MINERALS EXPLORATION  
 MIDWAY PROPERTY  
**SOIL GEOCHEMISTRY - Pb**  
 NORTH GRID KEY # 7  
 LIARD MINING DIVISION, B.C.  
 WATSON LAKE MINING DISTRICT, Y.T.  
 N.T.S. 104 O, 105 B  
 1:5,000  
 SCALE IN METRES  
 100 50 0 100 200 300 400 500  
 BY  
 CORDILLERAN ENGINEERING  
 148-355 BURNARD STREET  
 VANCOUVER, B.C. V6C 2S8  
 DECEMBER 1981



**LEGEND**

- |                                |                                 |      |   |
|--------------------------------|---------------------------------|------|---|
| <b>Zn CONCENTRATION IN PPM</b> |                                 | ○    | SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM |
| ○                              | BACKGROUND < 250                | ○ NS | NO SAMPLE COLLECTED                                   |
| ○                              | WEAKLY ANOMALOUS 251 - 500      | ○ IS | INSUFFICIENT SAMPLE                                   |
| ○                              | MODERATELY ANOMALOUS 501 - 1000 | +    | LEGAL CORNER POSTS AND CLAIM BOUNDARIES               |
| ○                              | ANOMALOUS 1001 - 2000           |      |   |
| ○                              | STRONGLY ANOMALOUS > 2000       |      |   |

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED



9912  
Part 3 of 7

REGIONAL RESOURCES LTD  
AMAX MINERALS EXPLORATION

MIDWAY PROPERTY

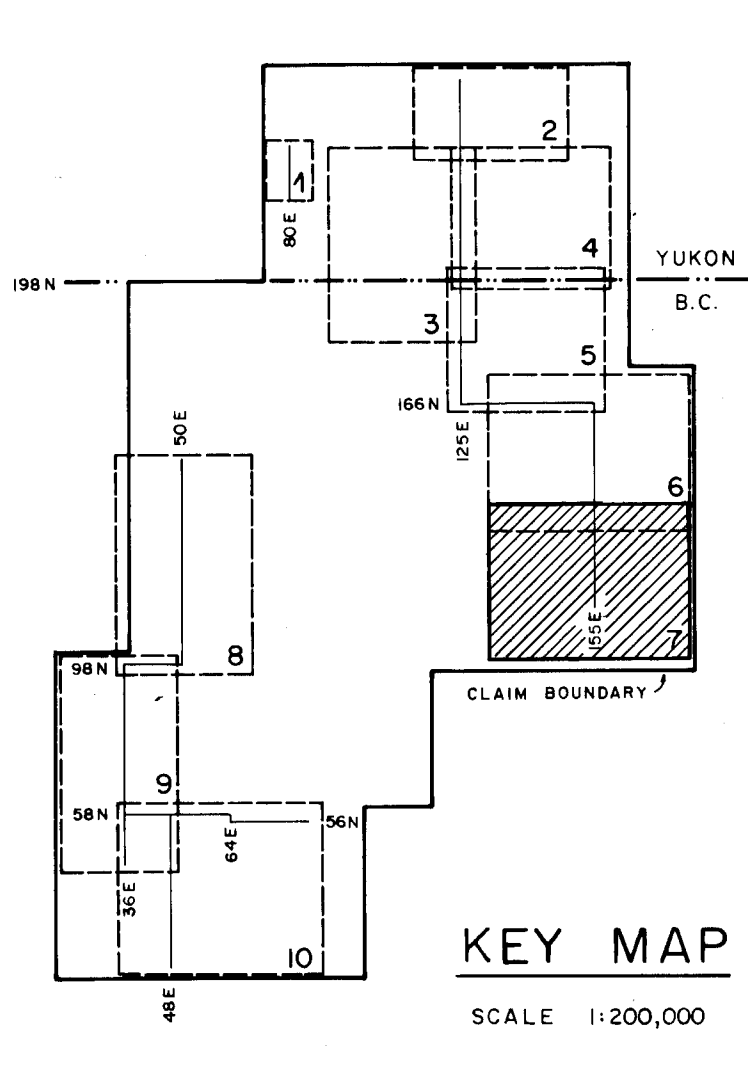
**SOIL GEOCHEMISTRY - Zn**

NORTH GRID KEY # 7

LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 O, 105 B

1:5,000  
SCALE IN METRES

BY  
CORDELLERAN ENGINEERING  
415-355 BURNARD STREET  
VANCOUVER, B.C. V6C 2S8



**LEGEND**

Ag CONCENTRATION IN PPM		SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM	
○	BACKGROUND < 0.9	○	NO SAMPLE COLLECTED
○	WEAKLY ANOMALOUS 0.9 - 2.0	○ NS	INSUFFICIENT SAMPLE
○	MODERATELY ANOMALOUS 2.1 - 4.3	○ 15	LEGAL CORNER POSTS AND CLAIM BOUNDARIES
○	ANOMALOUS 4.4 - 9.0		
○	STRONGLY ANOMALOUS > 9.0		

NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED



REGISTRATION NO. 9912  
NO. Part 3 of 7

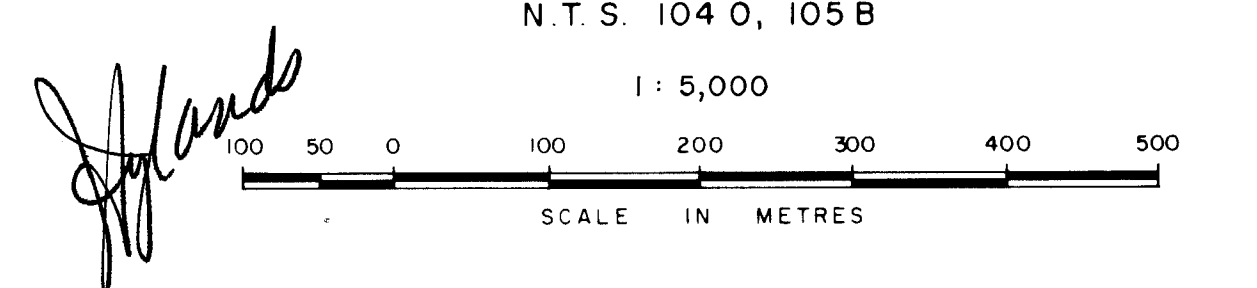
REGIONAL RESOURCES LTD  
AMAX MINERALS EXPLORATION

MIDWAY PROPERTY

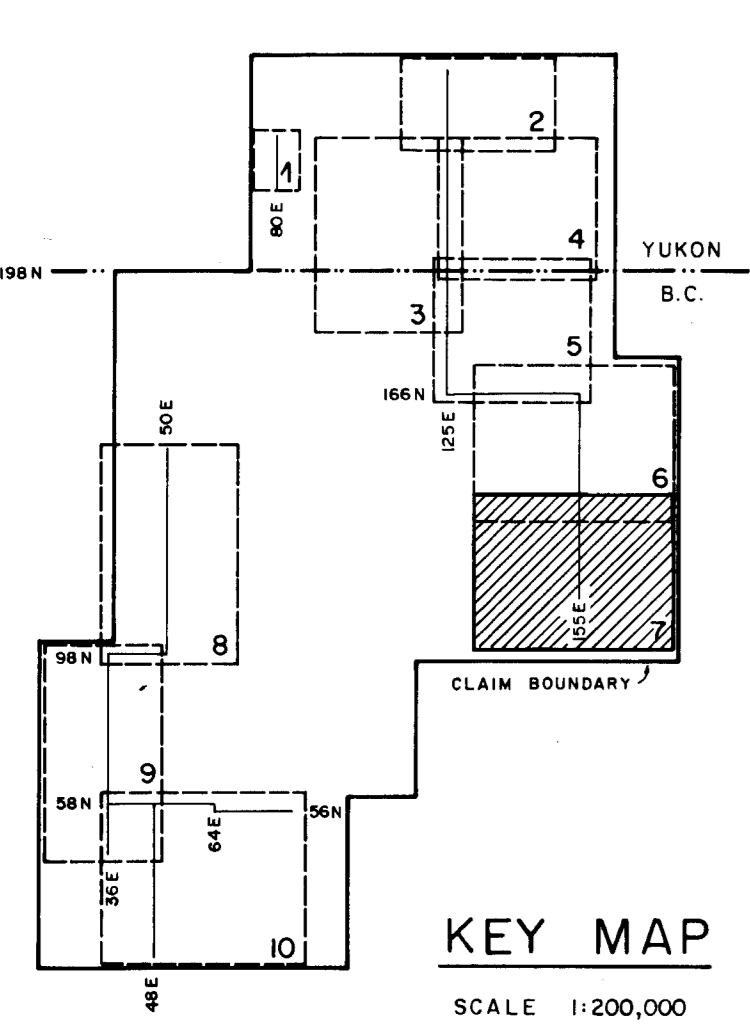
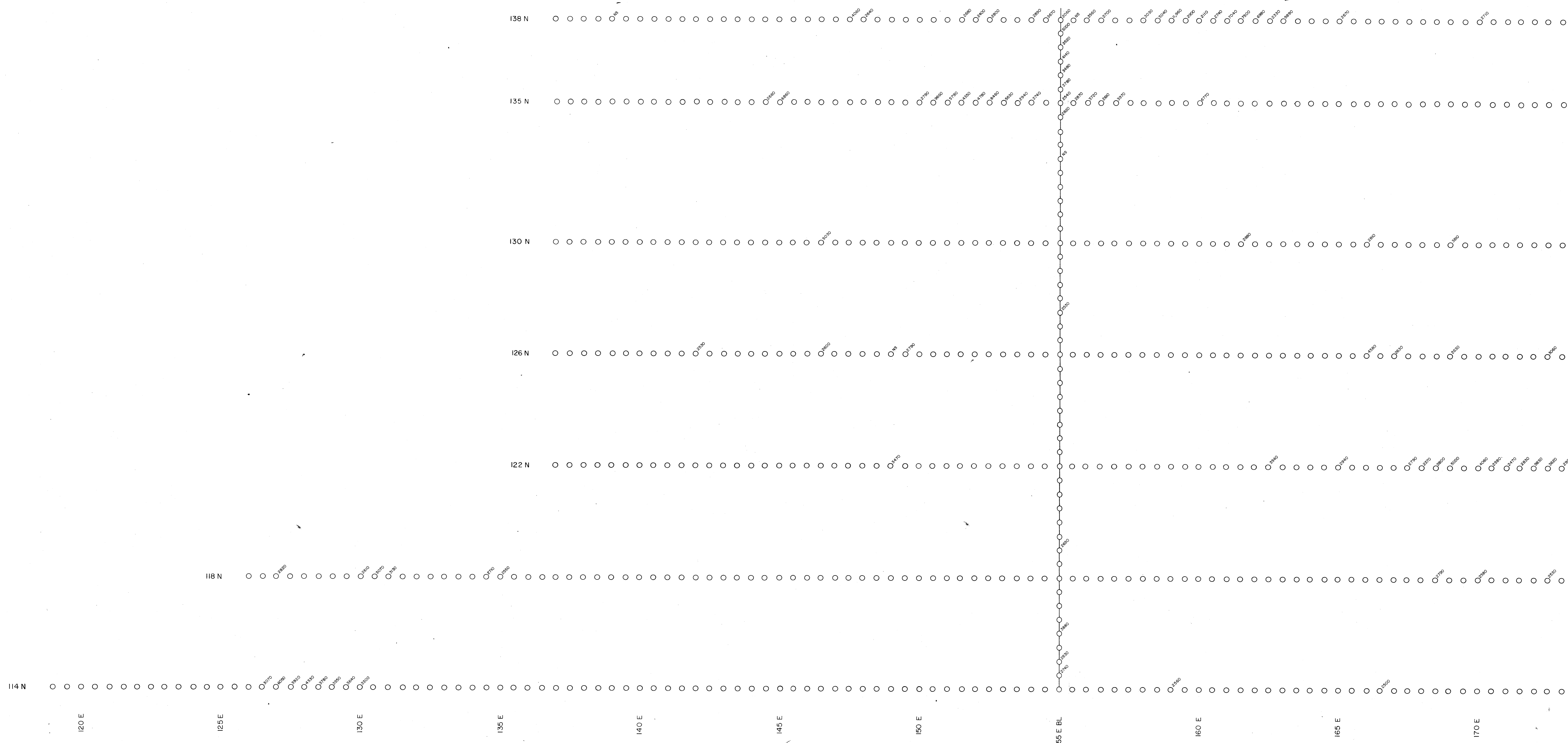
**SOIL GEOCHEMISTRY - Ag**

NORTH GRID KEY # 7

LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 D, 105 B



BY  
CORDELLERAN ENGINEERING  
148-355 BURNARD STREET  
VANCOUVER, B.C. V6C 2S8



**LEGEND**

- |   |                      |            |      |   |
|---|----------------------|------------|------|---|
| ○ | BACKGROUND           | < 2500     | ○    | SOIL SAMPLE LOCATION AND ELEMENT CONCENTRATION IN PPM |
| ○ | WEAKLY ANOMALOUS     | 2500-4000  | ○ NS | NO SAMPLE COLLECTED                                   |
| ○ | MODERATELY ANOMALOUS | 4001-6500  | ○ IS | INSUFFICIENT SAMPLE                                   |
| ○ | ANOMALOUS            | 6501-10300 | ⊕    | LEGAL CORNER POSTS AND CLAIM BOUNDARIES               |
| ○ | STRONGLY ANOMALOUS   | > 10300    |      |   |
- NOTE: ONLY ABOVE BACKGROUND RESULTS PLOTTED

9912  
Part 3 of 7

REGIONAL RESOURCES LTD.  
AMAX MINERALS EXPLORATION  
MIDWAY PROPERTY  
**SOIL GEOCHEMISTRY - Ba**  
NORTH GRID KEY # 7  
LIARD MINING DIVISION, B.C.  
WATSON LAKE MINING DISTRICT, Y.T.  
N.T.S. 104 O, 105 B  
1:5,000  
SCALE IN METRES  
BY  
CORDILLERAN ENGINEERING  
418-355 BURRARD STREET  
VANCOUVER, B.C. V6C 2S8