

COMINCO LTD.

EXPLORATION
NTS 94C3E, 2W

WESTERN CANADA

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| LOG NO: | <i>April 15/91</i> | RD. |
| ACTION: | | |
| FILE NO: | | |

YEAR END ASSESSMENT REPORT - 1990
 GEOLOGY - GEOCHEMISTRY
 OF
 PAR CLAIM GROUP
 OMINECA MINING DISTRICT, B.C.

**SUB-RECORDER
 RECEIVED**
 APR 10 1991
 M.R. # _____ \$ _____
 VANCOUVER, B.C.

LATITUDE: 56°05'N LONGITUDE: 125°00'W

WORK PERFORMED:

JUNE 21-23, SEPTEMBER 22-28, 1990

OWNER AND OPERATOR OF CLAIMS:

COMINCO LTD.
 700-409 GRANVILLE STREET
 VANCOUVER, B.C.
 V6C 1T2

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

JANUARY, 1991

21,211

D.L. CRAIG

ASSESSMENT REPORT - 1990

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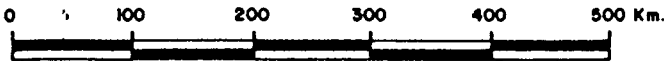
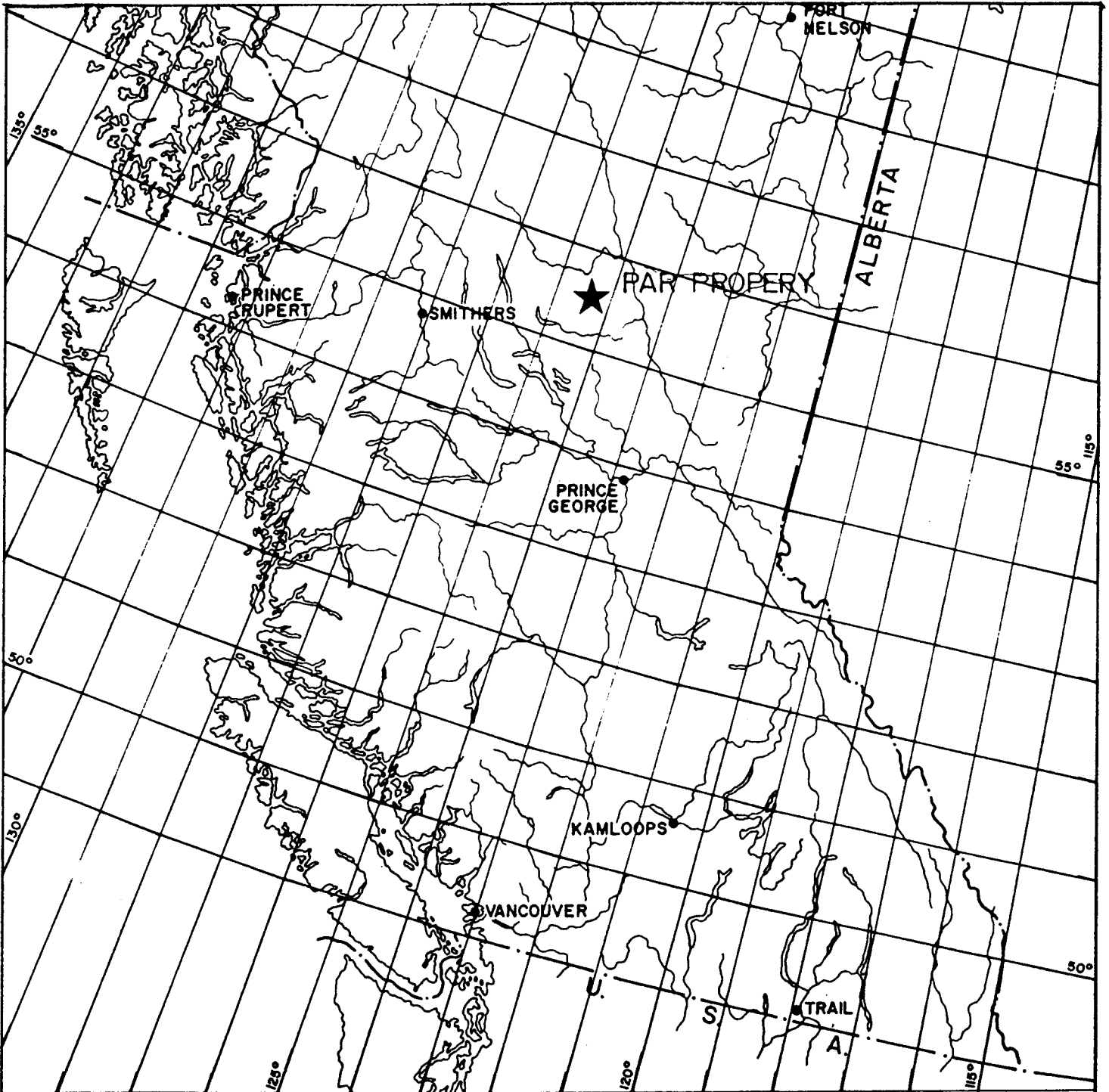
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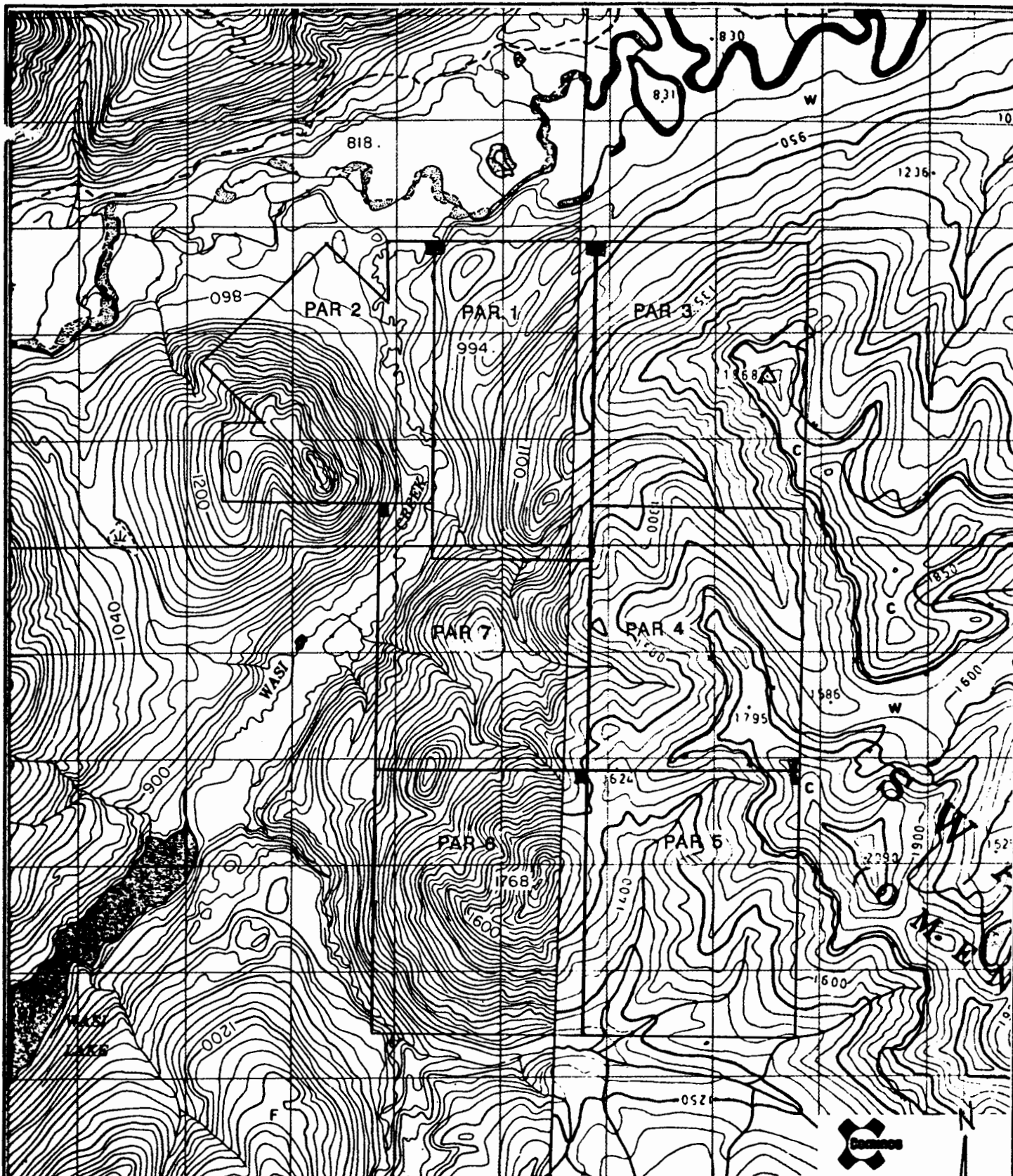
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| 11 Ni Geochemistry | 1:10,000 |
| 12 Cu Geochemistry | 1:10,000 |



| | | | |
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| Drawn by: | | Traced by: a. m. b. | |
| Revised by | Date | Revised by | Date |
| | | | |
| | | | |
| | | | |
| | | | |

Par Property Location Map

Scale: 1 : 6,370,000 Date: Plate: /



| | | | |
|------------|------|------------|------|
| Drawn by: | | Traced by: | |
| Revised by | Date | Revised by | Date |
| | | | |
| | | | |
| | | | |
| | | | |

Par Property Claim Map

Scale: 1:50,000 Date: January, 1990 Plate: 90-2

COMINCO LTD.

EXPLORATION
NTS 94C/3E-2W

WESTERN CANADA
JANUARY 1990

ASSESSMENT REPORT
PAR CLAIM GROUP
GEOCHEMISTRY

1. INTRODUCTION

This report outlines the work performed on the Par Claims during the period June 21 -23 and September 22-28, 1990. The Par 1 & 2 Claims were staked on June 21, 1990 to allow assessment of an old showing that had historically never been tested by soil geochemistry. Results indicated strike potential existed and the Par 3 - 7 claims were staked to cover the southward strike of the host stratigraphy. Further contour soil and stream sediment sampling was performed over the claims to delineate the anomalous area.

2. SUMMARY

The Par Property is located 35 kilometers northeast of Germansen Landing on the Osilinka River. Access is by logging road mainline from Mackenzie or Fort St. James. The ground (Par 1 -2, 48 units) was initially staked by Dunham Craig during 1990 reconnaissance work on the premises of an old showing that had never been tested by soil geochemistry. The old showing contained 1 - 3% Pb + Zn, was small in exposure and surrounded by extensive overburden. Recce type grid work was performed on strike and size potential indicated. A further 100 units were staked to the south (Par 3 - 7) on strike to the mineralized showing and grid. Further contour work was completed resulting in an area 3.5 x 4.3 km being anomalous in Pb/Zn soil and stream geochemical values.

Property geology consists of Silurian - Devonian limestones and dolomites of the Sandpile and McDame Group conformably overlain by Upper Devonian Shales of the Earn Group. The property resides on the western limb of a broad syncline with beds dipping $\pm 30^\circ$ to the east. Reconnaissance work indicates that the mineralization is hosted within the Sandpile/McDame carbonate with the upslope soil geochemical anomaly cut off at the Earn Group shale contact. 736 contour soil and stream samples were taken delineating a 1.5 x 4.3 km area of >100 ppm Pb, >350 ppm Zn in soils. Within this broad anomaly a 1.1 km x .4 km area contains >700 to 8400 ppm Pb, > 2000 to 27300 ppm Zn here after called Anomaly "A". 1.4 km to the southeast of Anomaly A a second area 450 meters x 200 meters contains soil geochemical values of >500 ppm Pb, 500 ppm Zn here after called Anomaly "B".

Further work is recommended in the form of baseline control slashing followed by 1:5000 scale mapping, grid soils over anomalous regions and trenching.

3.0 PROPERTY

The property consists of 7 claims of 138 units:
Upon acceptance of this report assessment work will be due in 1993.

| <u>Claims</u> | <u>Units</u> | <u>Record No.</u> | <u>Date recorded</u> | <u>Assessment work due</u> |
|---------------|--------------|-------------------|----------------------|----------------------------|
| PAR 1 | 18 | 12072 | June 22/90 | June 22/93 |
| PAR 2 | 20 | 12073 | June 22/90 | June 22/93 |
| PAR 3 | 20 | 12521 | Sept 10/90 | Sept 10/93 |
| PAR 4 | 20 | 12522 | Sept 8/90 | Sept 8/93 |
| PAR 5 | 20 | 12523 | Sept 8/90 | Sept 8/93 |
| PAR 6 | 20 | 12524 | Sept 9/90 | Sept 9/93 |
| PAR 7 | 20 | 12525 | Sept 9/90 | Sept 9/93 |

4.0 OWNERSHIP

The Par Property consisting of 7 claims (138 units) is 100% owned by Cominco Ltd. 700 - 409 Granville St. Vancouver, B.C. V6C 1T2.

5.0 LOCATION, ACCESS & PHYSIOGRAPHY

The Par property is located 35 km northeast of Germansen Landing on the intersection of Wasi Creek and the Osilinka RIVER. The property resides within the Omineca Mining District at latitude 56°05' and longitude 125°00' on map sheets NTS 94C/3E-2W.

Access is via Fort St. James or Mackenzie on well constructed logging roads. Prior to crossing the Osilinka Mainline Bridge #2 from Mackenzie, a left turn is taken on a spur road southwest. Four wheel drive access is available to the northern part of the claim group of which 10 hectares of clearcut logging has taken place.

The claims reside on the eastern side of the Wasi Creek watershed and extend from 950 to 1900 meters in elevation. Open alpine vegetation begins at the 1700 meter level with increased bedrock exposure. Below 1700 meters interior forest exists consisting of mature spruce, pine and hemlock varying from 4 to 18 inches in diameter. Two burn areas are on the southern portion of the property which occurred from pre 1965 lightning strikes. Slopes are moderate to steep ranging from 10° to 35°. Underbrush is relatively open but often congested with numerous windfalls.

6.0 HISTORY AND DEVELOPMENT

On the western border of the Par 1 claim, a mineral showing of dolomite hosted galena and sphalerite grading 1 - 3% Pb + Zn resides along side a old packhorse trail. This showing, known as the Weber, is recorded in GSC Memoir #274. First staked by F. Weber in 1929 and restaked at intervals since, the showing received hand trenching and chip sampling over the years with the

best assay yielding 1.2% Pb, 3.6% Zn, 1.0 oz/t Ag and .02 oz/t Au over 17 feet. Subsequent restaking took place over the years as exploration interest was revitalized by drilling on the Beveley Claims located 4 kilometers to the north. The ground became open on May 1990 and was staked by Dunham Craig and crew for Cominco Ltd.

7.0 GEOLOGY

7.1 Regional (refer to Figure 1)

The property area lies along the western edge of the Omineca Belt which contains rocks of the Intermontaine Superterraine (accreted) and displaced North American rocks. Regionally, the superterraine is represented by volcanic and sedimentary rocks of the Quesnel and Slide Mountain terrains. Rocks of North American affinity are part of a Proterozoic to Mississippian miogeoclinal wedge of carbonates and siliciclastics that include the Ingenika to Earn groups. To the east, older parts of this sequence are highly metamorphosed to sillimanite grade and are incorporated within the Wolverine complex, one of several core complexes found along the length of the Omineca Belt.

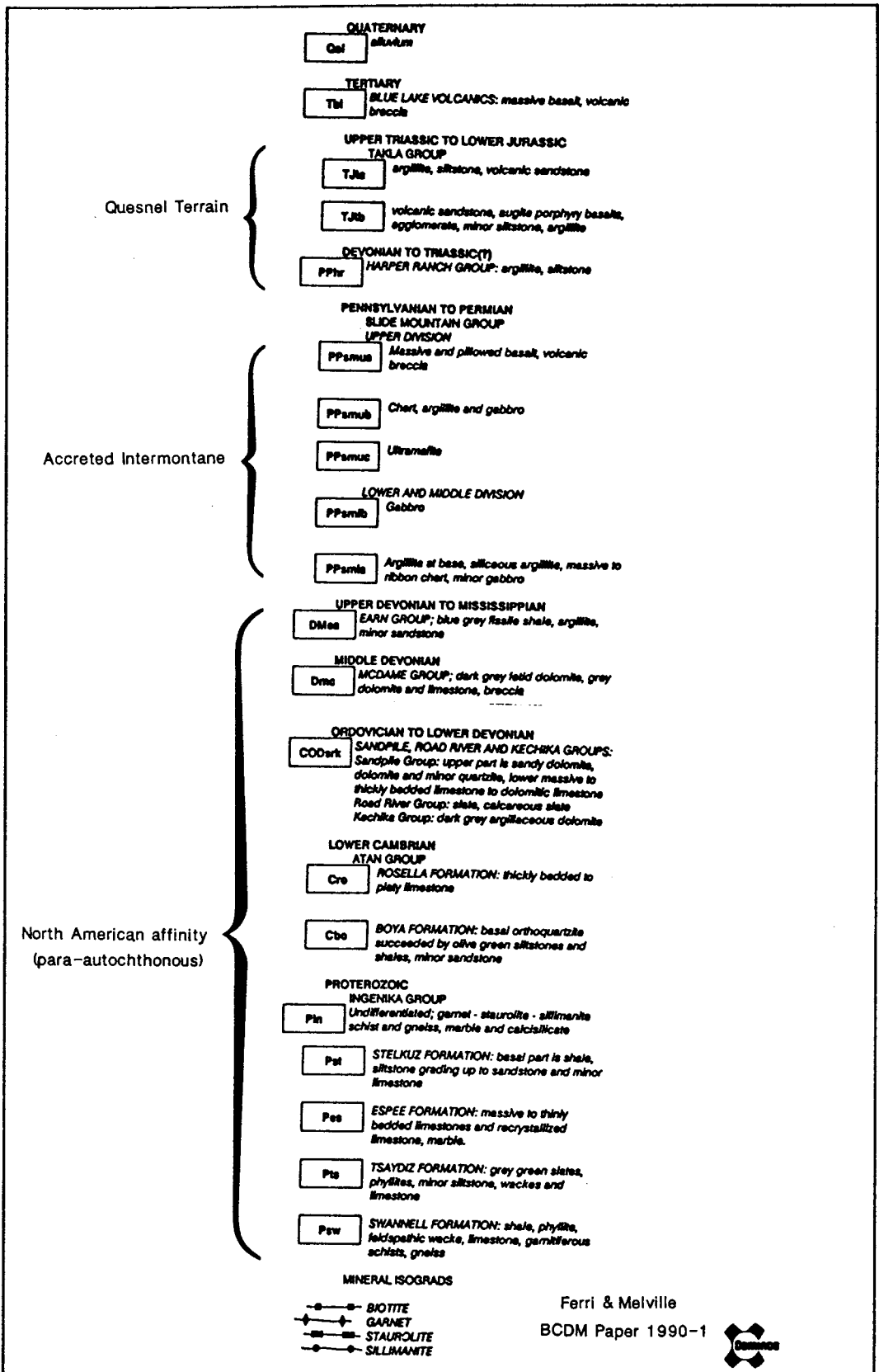
North American affinity:

Proterozoic: The Ingenika Group is predominantly a clastic sequence with lesser amounts of carbonate. This package is in excess of 3.5 kilometers thick and composed of feldspathic and quartz wackes, siltstones, slates, sandstones, limestones and their higher grade metamorphic equivalents.

Paleozoic: The Kechika, Road River, Sandpile and McDame Groups are primarily a carbonate sequence with thin horizons of interbedded shales, argillites and coarse grained clastics conformably overlying basal orthoquartzites, siltstones, sandstones and shales of the Atan Group. At the top of the Paleozoic sequence resides the Earn Group shales, a 400 to 500 meter sequence of blue grey, grey or grey - black shales interbedded with minor sandstone-siltstone beds.

Accreted Terrain (?):

Pennsylvanian - Mesozoic (allochthonous rocks ?): Seven kilometers of Pennsylvanian - Permian Slide Mountain basalt, chert, argillite and gabbro enigmatically over lay the Paleozoic rocks. The shales and argillites of the Slide Mountain group appear be gradational with the Earn Group and evidence of thrust faulting is not present in the area. The basal section of the Slide Mountain group consists of off shelf fine grained siliciclastics composed of 200 to 300 meters of dark argillites while the upper section grades from light grey to green siliceous argillites interbedded with cherts and chert wackes. 5 km of massive and pillowed basalts, minor sediments and mafic sills



Ferri & Melville
BCDM Paper 1990-1



| | | | | |
|---------------|------|-----------------|------|---|
| Drawn by: DLC | | Traced by: | | PAR PROPERTY REGIONAL STRATIGRAPHY |
| Revised by | Date | Revised by | Date | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Scale: | | Date: Jan 1990. | | Plate: Fig # 1 |

complete the upper section.

The Harper Ranch Group and Takla Group are not within the claim area and the reader is referred to BCGS Paper 1990-1 for further description.

7.2 Local (refer to Plate 90-3)

The Par Property is underlain by a normal section of Ordovician to Devonian - Mississippian limestone, dolomite and shale of the Sandpile, McDame and Earn Group. Due to extensive overburden and heavy forest cover, no geological mapping has taken place on the property except 1:50,000 scale regional mapping by Ferri & Melville (BCGS Paper 1990-1) and E.F. Roots (GSC Memoir 274, 1954). This work is compiled on to Plate 90-3 (Property Geology and Pb/Zn Summary). The property resides on a $\pm 30^\circ$ eastward dipping limb of a broad north trending syncline. North west trending, west side down normal faults intersect the property to form a wide spaced enechleon array through the limestones and shales. Geochemical analysis of contour soils on the property appear to support the regional fault trend.

Mineralization appears to be dolomite hosted and the Weber showing is of fracture filling and breccia infilling type. Some solution etching and replacement is evident. Small pods and lenses of cubic crystalline galena and red/brown sphalerite sporadically infill receptively prepared dolomite. At the Weber showing, the incidence of pyrite is low, ranging from 1-3% of mineralized sections.

8.0 GEOCHEMISTRY

Analysis: During 1990, 738 soil and stream sediment samples were taken on the Par Claims. All samples were run for Pb, Zn, Ag, Cu, Cd, As, Co, Ni and Fe. Samples were dried, sieved to -80 mesh and decomposed through aqua regia attack. A .5 gram subsample was taken and sequential ICP analysis was performed on all samples using the same instrument. All soil samples were taken with a steel spade in the B horizon, placed in a kraft envelope, dried and shipped to the Cominco Exploration Research Lab for analysis.

Rock samples were crushed, ground and a .5 gram subsample was taken for identical analysis as the soil samples.

All soil and silt elemental results are plotted at 1:10,000 scale topographical maps and included as attachment Plates 4 - 12. ||

Statistical analysis was performed on the soil and silt results by grouping into a single data set and then performing a correlation matrix on all elements. Histograms and chi squared analysis were done on elements with greater than .65 correlation coefficient. Results are displayed in Appendix C (Summary

Geochemistry Statistics).

Discussion: Contours are placed on elemental geochemistry maps as an aid to broad scale anomalies only. The wide spacing of the samples coupled with the lack of ground control leaves interpretation of results as a orientation guide for future detailed work.

Contour values are set based on statistical results and past experience with carbonate hosted mineralization.

The Par Property contains a large 3.5 x 4.5 km area of >100 ppm Pb in contour soil response. Within this area three more prominate multielement anomalies exist. These anomalies are titled "A", "B", and "C" and are displayed on Plate 90-3 with single element contours shown on Plates 90-4 to 90-8. The table below summarizes:

| Anomaly | Size (km) | Anomalous Elements | Host Rock |
|-----------|-----------|---|-------------------------------|
| Anomaly A | .4 x 1.4 | 500 - 10000 ppm Pb 2000 - 24100 ppm Zn 1.0 - 20.2 ppm Ag 5.0 - 23.30% Fe | Sandpile/Mcdame Carbonates |
| Anomaly B | .4 x .3 | 500 - 2112 ppm Pb 500 - 2380 ppm Zn | Sandpile/Mcdame Carbonates |
| Anomaly C | .4 x .4 | 500 - 1135 ppm Pb 500 - 2380 ppm Zn | Sandpile/Mcdame Carbonates |

Zinc is coincident with lead in anomaly A with values > 2000 ppm but much less reduced in size and magnitude within anomaly B & C. Silver reflects lead and zinc in anomaly A but is greatly reduced in anomaly B and C. Iron is also coincident in anomaly A and reduced in anomaly B & C. Iron is also strongly present in the southern portion of the claims. This is thought to reflect the changing lithology from carbonate to shale and volcanics shown in the regional mapping. Arsenic has spot value highs, some of which cluster in anomaly A. As is strongly scavenged from solution in Fe-rich environments, either by formation of Fe compounds or by adsorption on Fe-oxides. The As values may reflect the strong presence of iron in anomaly A. Cd is coincident with strong Zn anomalies as is to be expected with this type of mineralization.

Ni, Co and Cu do not show a relational pattern to Pb/Zn anomalies. Ni and Co do display a grouping trend in areas hypothetically underlain by argillites and volcanics. These elements may be of future use in geological mapping of areas covered by overburden.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The Par Property contains three Pb/Zn/Ag contour soil anomalies within a large >100 ppm Pb region. The table below summarizes:

| Anomaly | Size (km) | Anomalous Elements | Host Rock |
|-----------|-----------|---|-------------------------------|
| Anomaly A | .4 x 1.4 | 500 - 10000 ppm Pb 2000 - 24100 ppm Zn 1.0 - 20.2 ppm Ag 5.0 - 23.30% Fe | Sandpile/Mcdame Carbonates |
| Anomaly B | .4 x .3 | 500 - 2112 ppm Pb 500 - 2380 ppm Zn | Sandpile/Mcdame Carbonates |
| Anomaly C | .4 x .4 | 500 - 1135 ppm Pb 500 - 2380 ppm Zn | Sandpile/Mcdame Carbonates |

Further work is recommended on the Par Property. Due to the heavy forest cover of the area, grid baseline should be slashed to establish ground control. 1:5000 scale mapping over the claim group will determine structure and lithological identification of mineralized bedrock. A grid soil sampling program over anomalous areas defined by contour soils will identify positive location of targets and establish upslope geochemical cut off. Following compilation, a trenching program is recommended to expose mineralized bedrock.

Submitted by: 

Dunham L. Craig
Geologist

Approved for
release by: 

W. J. Wolfe
Manager, Exploration
Western Canada

APPENDIX "A"

ASSESSMENT REPORT

PAR PROPERTY

STATEMENT OF EXPENDITURES

| | | | | |
|-----------|-------------------------------------|--------------------|------------|---------------|
| Salaries: | P.A. MacRobbie | 7 days @ \$256/day | \$1,792 | |
| | G.K. Graham | 7 days @ \$241/day | 1,687 | |
| | M. Kolebaba | 7 days @ \$211/day | 1,477 | |
| | M. Kolebaba | 7 days @ \$211/day | 1,477 | |
| | G. Galbraith | 2 days @ \$115/day | 230 | |
| | D. Jones | 2 days @ \$115/day | 230 | |
| | D.L. Craig | 1 day @ \$241/day | <u>482</u> | |
| | | | | \$7,375.00 |
| | Communications | | | 272.40 |
| | Geological Equipment and Supplies | | | 429.29 |
| | Geochemical Analysis | | | 5,077.75 |
| | Helicopter | | | 9,223.10 |
| | Truck Rental | | | 1,100.00 |
| | Airfares | | | 1,500.00 |
| | Freight | | | 495.86 |
| | Domicile | | | 1,689.00 |
| | Drafting | | | 696.21 |
| | Report Writing - 4 days x \$241/day | | | <u>964.00</u> |
| | TOTAL EXPENDITURES | | | \$28,822.61 |

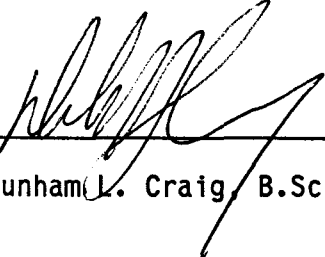
APPENDIX "B"

IN THE MATTER OF THE B.C. MINERAL ACT AND IN THE MATTER OF GEOCHEMICAL AND GEOLOGICAL MAPPING CARRIED OUT ON THE LDP GROUP LOCATED IN THE OMINECA MINING DISTRICT OF THE PROVINCE OF BRITISH COLUMBIA.

AFFIDAVIT

I, Dunham L. Craig, of the City of Richmond, in the province of British Columbia make oath and say:

1. THAT I am employed as a Geologist by Cominco Ltd. and as such have a personal knowledge of the facts to which I hereinafter depose.
2. THAT annexed hereto and marked as "Appendix "A" to this report is a true copy of expenditure of a geochemical and geological program carried out on the PAR property.
3. THAT the said expenditures incurred between June 21-23 and September 22-28, 1990 for the purpose of mineral exploration on the above noted property.



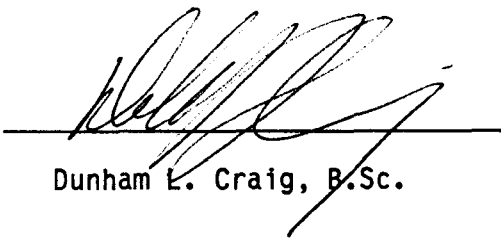
Dunham L. Craig, B.Sc.

APPENDIX "B"

I, Dunham L. Craig of the City of Richmond, British Columbia, hereby certify:

- ° THAT I am employed in British Columbia, with a business address at 700-409 Granville Street, Vancouver, B.C., V6C 1T2.
- ° THAT I graduated with a B.Sc. in Geology from the University of British Columbia in 1988.
- ° THAT I am a member of the Association of Exploration Geochemists.
- ° THAT I have practiced geology with Cominco Ltd. from 1988 to the present.

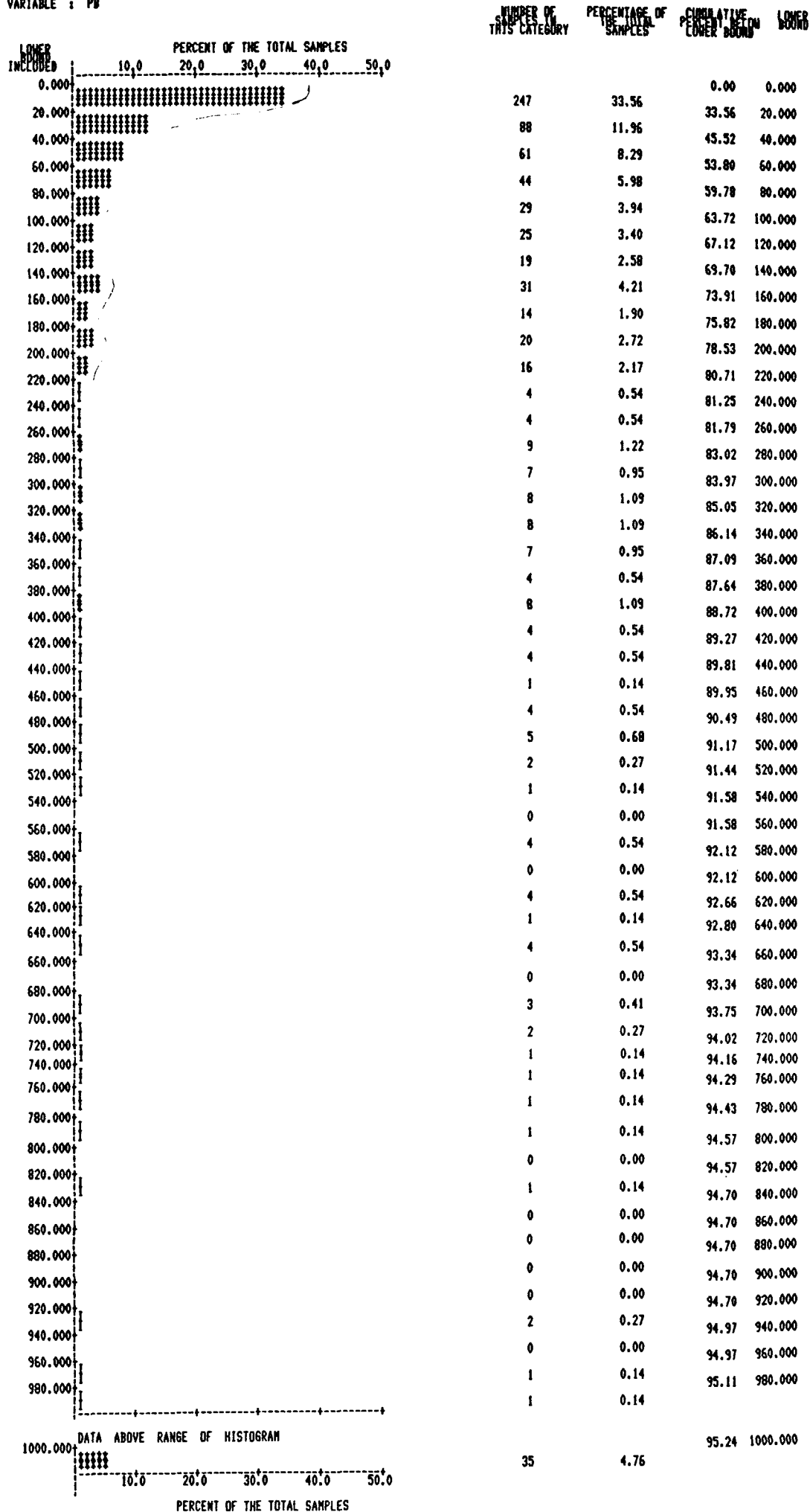
Dated this 30th day of January, 1991 at Vancouver, B.C.



Dunham L. Craig, B.Sc.

APPENDIX "C"
SUMMARY GEOCHEMISTRY STATISTICS

DATA TITLE : PAR CLAIMS 1990 CONTOUR SOIL DATA
 VARIABLE : PB



| LOWER BOUND INCLUDED | PERCENT OF THE TOTAL SAMPLES | NUMBER OF SAMPLES IN THIS CATEGORY | PERCENTAGE OF THE TOTAL SAMPLES | CUMULATIVE PERCENT BELOW LOWER BOUND | LOWER BOUND |
|----------------------|-------------------------------|------------------------------------|---------------------------------|--------------------------------------|-------------|
| 0.000 | 5.0 | 48 | 6.52 | 0.00 | 0.000 |
| 50.000 | 10.0 | 147 | 19.97 | 6.52 | 50.000 |
| 100.000 | 15.0 | 101 | 13.72 | 26.49 | 100.000 |
| 150.000 | 20.0 | 78 | 10.60 | 40.22 | 150.000 |
| 200.000 | 25.0 | 44 | 5.98 | 56.79 | 200.000 |
| 250.000 | | 37 | 5.03 | 61.82 | 250.000 |
| 300.000 | | 34 | 4.62 | 66.44 | 300.000 |
| 350.000 | | 24 | 3.26 | 69.70 | 350.000 |
| 400.000 | | 24 | 3.26 | 72.96 | 400.000 |
| 450.000 | | 17 | 2.31 | 75.27 | 450.000 |
| 500.000 | | 17 | 2.31 | 77.58 | 500.000 |
| 550.000 | | 16 | 2.17 | 79.76 | 550.000 |
| 600.000 | | 12 | 1.63 | 81.39 | 600.000 |
| 650.000 | | 10 | 1.36 | 82.74 | 650.000 |
| 700.000 | | 11 | 1.49 | 84.24 | 700.000 |
| 750.000 | | 9 | 1.22 | 85.46 | 750.000 |
| 800.000 | | 9 | 1.22 | 86.68 | 800.000 |
| 850.000 | | 7 | 0.95 | 87.64 | 850.000 |
| 900.000 | | 5 | 0.68 | 88.32 | 900.000 |
| 950.000 | | 8 | 1.09 | 89.40 | 950.000 |
| 1000.000 | | 2 | 0.27 | 89.67 | 1000.000 |
| 1050.000 | | 3 | 0.41 | 90.08 | 1050.000 |
| 1100.000 | | 6 | 0.82 | 90.90 | 1100.000 |
| 1150.000 | | 4 | 0.54 | 91.44 | 1150.000 |
| 1200.000 | | 2 | 0.27 | 91.71 | 1200.000 |
| 1250.000 | | 5 | 0.68 | 92.39 | 1250.000 |
| 1300.000 | | 2 | 0.27 | 92.66 | 1300.000 |
| 1350.000 | | 2 | 0.27 | 92.93 | 1350.000 |
| 1400.000 | | 2 | 0.27 | 93.21 | 1400.000 |
| 1450.000 | | 1 | 0.14 | 93.34 | 1450.000 |
| 1500.000 | | 2 | 0.27 | 93.61 | 1500.000 |
| 1550.000 | | 0 | 0.00 | 93.61 | 1550.000 |
| 1600.000 | | 3 | 0.41 | 94.02 | 1600.000 |
| 1650.000 | | 0 | 0.00 | 94.02 | 1650.000 |
| 1700.000 | | 0 | 0.00 | 94.02 | 1700.000 |
| 1750.000 | | 0 | 0.00 | 94.02 | 1750.000 |
| 1800.000 | | 0 | 0.00 | 94.02 | 1800.000 |
| 1850.000 | | 0 | 0.00 | 94.02 | 1850.000 |
| 1900.000 | | 0 | 0.00 | 94.02 | 1900.000 |
| 1950.000 | | 1 | 0.14 | 94.16 | 1950.000 |
| 2000.000 | | 1 | 0.14 | 94.29 | 2000.000 |
| 2050.000 | | 1 | 0.14 | 94.43 | 2050.000 |
| 2100.000 | | 1 | 0.14 | 94.57 | 2100.000 |
| 2150.000 | | 0 | 0.00 | 94.57 | 2150.000 |
| 2200.000 | | 0 | 0.00 | 94.57 | 2200.000 |
| 2250.000 | | 1 | 0.14 | 94.70 | 2250.000 |
| 2300.000 | | 1 | 0.14 | 94.84 | 2300.000 |
| 2350.000 | | 0 | 0.00 | 94.84 | 2350.000 |
| 2400.000 | | 1 | 0.14 | 94.97 | 2400.000 |
| 2450.000 | | 3 | 0.41 | | |
| 2500.000 | DATA ABOVE RANGE OF HISTOGRAM | 34 | 4.62 | 95.38 | 2500.000 |

DATA TITLE : PAR CLAIMS 1990 CONTOUR SOIL DATA
 VARIABLE : AG

| LOWER BOUND | PERCENT OF THE TOTAL SAMPLES | NUMBER OF SAMPLES IN THIS CATEGORY | PERCENTAGE OF THE TOTAL SAMPLES | CUMULATIVE PERCENT FROM LOWER BOUND | LOWER BOUND |
|-------------|------------------------------|------------------------------------|---------------------------------|-------------------------------------|-------------|
| 0.400 | 20.0 40.0 60.0 80.0 100.0 | 597 | 81.11 | 0.00 | 0.400 |
| 0.900 | | 71 | 9.65 | 81.11 | 0.900 |
| 1.400 | | 26 | 3.53 | 90.76 | 1.400 |
| 1.900 | | 10 | 1.36 | 94.29 | 1.900 |
| 2.400 | | 10 | 1.36 | 95.65 | 2.400 |
| 2.900 | | 2 | 0.27 | 97.01 | 2.900 |
| 3.400 | | 2 | 0.27 | 97.28 | 3.400 |
| 3.900 | | 1 | 0.14 | 97.55 | 3.900 |
| 4.400 | | 1 | 0.14 | 97.69 | 4.400 |
| 4.900 | | 0 | 0.00 | 97.83 | 4.900 |
| 5.400 | | 2 | 0.27 | 97.83 | 5.400 |
| 5.900 | | 1 | 0.14 | 98.10 | 5.900 |
| 6.400 | | 0 | 0.00 | 98.23 | 6.400 |
| 6.900 | | 0 | 0.00 | 98.23 | 6.900 |
| 7.400 | | 1 | 0.14 | 98.23 | 7.400 |
| 7.900 | | 2 | 0.27 | 98.37 | 7.900 |
| 8.400 | | 2 | 0.27 | 98.64 | 8.400 |
| 8.900 | | 2 | 0.27 | 98.91 | 8.900 |
| 9.400 | | 1 | 0.14 | 99.05 | 9.400 |
| 9.900 | | 0 | 0.00 | 99.05 | 9.900 |
| 10.400 | | 0 | 0.00 | 99.05 | 10.400 |
| 10.900 | | 0 | 0.00 | 99.05 | 10.900 |
| 11.400 | | 2 | 0.27 | 99.32 | 11.400 |
| 11.900 | | 0 | 0.00 | 99.32 | 11.900 |
| 12.400 | | 2 | 0.27 | 99.59 | 12.400 |
| 12.900 | | 0 | 0.00 | 99.59 | 12.900 |
| 13.400 | | 0 | 0.00 | 99.59 | 13.400 |
| 13.900 | | 0 | 0.00 | 99.59 | 13.900 |
| 14.400 | | 0 | 0.00 | 99.59 | 14.400 |
| 14.900 | | 1 | 0.14 | 99.59 | 14.900 |
| 15.400 | | 0 | 0.00 | 99.73 | 15.400 |
| 15.900 | | 0 | 0.00 | 99.73 | 15.900 |
| 16.400 | | 0 | 0.00 | 99.73 | 16.400 |
| 16.900 | | 0 | 0.00 | 99.73 | 16.900 |
| 17.400 | | 0 | 0.00 | 99.73 | 17.400 |
| 17.900 | | 0 | 0.00 | 99.73 | 17.900 |
| 18.400 | | 0 | 0.00 | 99.73 | 18.400 |
| 18.900 | | 0 | 0.00 | 99.73 | 18.900 |
| 19.400 | | 1 | 0.14 | 99.86 | 19.400 |
| 19.900 | | 0 | 0.00 | 99.86 | 19.900 |
| 19.900 | 20.0 40.0 60.0 80.0 100.0 | 1 | 0.14 | | |

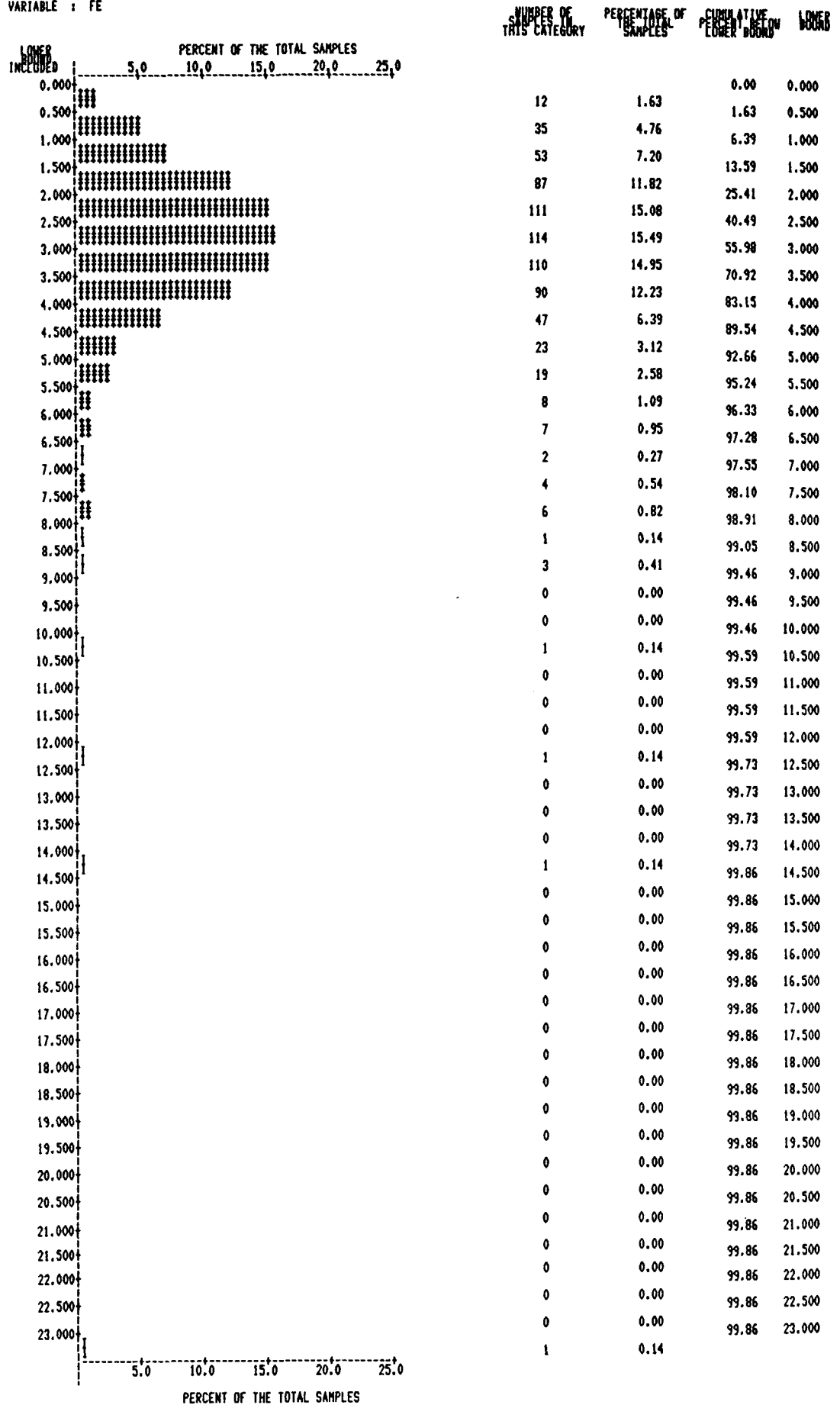
PERCENT OF THE TOTAL SAMPLES

THE SAME TRANSFORMATIONS AND SELECTIONS AS LAST RUN WILL BE USED IN THIS RUN.
 DATA TITLE : PAR CLAIMS 1990 CONTOUR SOIL DATA
 VARIABLE : CD

| LOWER BOUND INCLUDED | PERCENT OF THE TOTAL SAMPLES | NUMBER OF SAMPLES IN THIS CATEGORY | PERCENTAGE OF THE TOTAL SAMPLES | CUMULATIVE PERCENT BELOW LOWER BOUND | LOWER BOUND |
|----------------------|-------------------------------|------------------------------------|---------------------------------|--------------------------------------|-------------|
| 0.000 | 15.0 30.0 45.0 60.0 75.0 | 0 | 0.00 | 0.00 | 0.000 |
| 1.000 | | 479 | 65.08 | 0.00 | 1.000 |
| 2.000 | | 60 | 8.15 | 65.08 | 2.000 |
| 3.000 | | 42 | 5.71 | 73.23 | 3.000 |
| 4.000 | | 24 | 3.26 | 78.94 | 4.000 |
| 5.000 | | 23 | 3.12 | 82.20 | 5.000 |
| 6.000 | | 21 | 2.85 | 85.33 | 6.000 |
| 7.000 | | 16 | 2.17 | 88.18 | 7.000 |
| 8.000 | | 9 | 1.22 | 90.35 | 8.000 |
| 9.000 | | 9 | 1.22 | 91.58 | 9.000 |
| 10.000 | | 5 | 0.68 | 92.80 | 10.000 |
| 11.000 | | 7 | 0.95 | 93.48 | 11.000 |
| 12.000 | | 4 | 0.54 | 94.43 | 12.000 |
| 13.000 | | 4 | 0.54 | 94.97 | 13.000 |
| 14.000 | | 1 | 0.14 | 95.52 | 14.000 |
| 15.000 | | 1 | 0.14 | 95.65 | 15.000 |
| 16.000 | | 2 | 0.27 | 95.79 | 16.000 |
| 17.000 | | 0 | 0.00 | 96.06 | 17.000 |
| 18.000 | | 2 | 0.27 | 96.06 | 18.000 |
| 19.000 | | 2 | 0.27 | 96.33 | 19.000 |
| 20.000 | | 0 | 0.00 | 96.60 | 20.000 |
| 21.000 | | 3 | 0.41 | 96.60 | 21.000 |
| 22.000 | | 3 | 0.41 | 97.01 | 22.000 |
| 23.000 | | 2 | 0.27 | 97.42 | 23.000 |
| 24.000 | | 1 | 0.14 | 97.69 | 24.000 |
| 25.000 | | 1 | 0.14 | 97.83 | 25.000 |
| 26.000 | | 2 | 0.27 | 97.96 | 26.000 |
| 27.000 | | 1 | 0.14 | 98.23 | 27.000 |
| 28.000 | | 1 | 0.14 | 98.37 | 28.000 |
| 29.000 | | 0 | 0.00 | 98.51 | 29.000 |
| 30.000 | | 0 | 0.00 | 98.51 | 30.000 |
| 31.000 | | 0 | 0.00 | 98.51 | 31.000 |
| 32.000 | | 1 | 0.14 | 98.51 | 32.000 |
| 33.000 | | 0 | 0.00 | 98.64 | 33.000 |
| 34.000 | | 0 | 0.00 | 98.64 | 34.000 |
| 35.000 | | 0 | 0.00 | 98.64 | 35.000 |
| 36.000 | | 0 | 0.00 | 98.64 | 36.000 |
| 37.000 | | 1 | 0.14 | 98.64 | 37.000 |
| 38.000 | | 0 | 0.00 | 98.78 | 38.000 |
| 39.000 | | 0 | 0.00 | 98.78 | 39.000 |
| 40.000 | | 2 | 0.27 | 98.78 | 40.000 |
| 41.000 | | 0 | 0.00 | 99.05 | 41.000 |
| 42.000 | | 0 | 0.00 | 99.05 | 42.000 |
| 43.000 | | 0 | 0.00 | 99.05 | 43.000 |
| 44.000 | | 0 | 0.00 | 99.05 | 44.000 |
| 45.000 | | 1 | 0.14 | 99.05 | 45.000 |
| 46.000 | | 0 | 0.00 | 99.18 | 46.000 |
| 47.000 | | 0 | 0.00 | 99.18 | 47.000 |
| 48.000 | | 0 | 0.00 | 99.18 | 48.000 |
| 49.000 | | 0 | 0.00 | 99.18 | 49.000 |
| 50.000 | DATA ABOVE RANGE OF HISTOGRAM | 5 | 0.68 | 99.18 | 50.000 |

PERCENT OF THE TOTAL SAMPLES

DATA TITLE : PAR CLAIMS 1990 CONTOUR SOIL DATA
 VARIABLE : FE



VARIABLE: AG
 NUMBER OF OBSERVATIONS: 736
 MINIMUM: 0.400
 MAXIMUM: 20.200
 MEAN: 0.864
 STANDARD ERROR OF MEAN: 0.061
 STANDARD DEVIATION: 1.655
 COEFFICIENT OF VARIATION: 191.427
 SKEWNESS: 7.317
 KURTOSIS: 64.142

 CHI-SQUARE TEST FOR "GOODNESS OF FIT" WITH A NORMAL DISTRIBUTION

VARIABLE : AG

| CLASS BOUNDS | OBSERVED | EXPECTED | (OBS-EXP) | [(OBS-EXP)**2 / EXP] |
|---------------------|----------|----------|-----------|----------------------|
| -INFINITY TO -1.256 | 0 | 73.6 | -73.6 | 73.600 |
| -1.256 TO -0.528 | 0 | 73.6 | -73.6 | 73.600 |
| -0.528 TO -0.003 | 0 | 73.6 | -73.6 | 73.600 |
| -0.003 TO 0.445 | 460 | 73.6 | 386.4 | 2028.600 |
| 0.445 TO 0.864 | 118 | 73.6 | 44.4 | 26.785 |
| 0.864 TO 1.284 | 79 | 73.6 | 5.4 | 0.396 |
| 1.284 TO 1.732 | 29 | 73.6 | -44.6 | 27.027 |
| 1.732 TO 2.257 | 17 | 73.6 | -56.6 | 43.527 |
| 2.257 TO 2.985 | 11 | 73.6 | -62.6 | 53.244 |
| 2.985 TO +INFINITY | 22 | 73.6 | -51.6 | 36.176 |

CHI-SQUARED VALUE IS 2436.55. DEGREES OF FREEDOM ARE 7.

| SIGNIFICANCE LEVEL | CHI-SQUARE VALUE |
|--------------------|------------------|
| 0.500 | 6.35 |
| 0.750 | 9.04 |
| 0.900 | 12.00 |
| 0.950 | 14.10 |
| 0.975 | 16.00 |
| 0.990 | 18.50 |
| 0.995 | 20.30 |

VARIABLE: CD
 NUMBER OF OBSERVATIONS: 736
 MINIMUM: 1.000
 MAXIMUM: 78.000
 MEAN: 3.493
 STANDARD ERROR OF MEAN: 0.267
 STANDARD DEVIATION: 7.238
 COEFFICIENT OF VARIATION: 207.198
 SKEWNESS: 5.690
 KURTOSIS: 41.008

 CHI-SQUARE TEST FOR "GOODNESS OF FIT" WITH A NORMAL DISTRIBUTION

VARIABLE : CD

| CLASS BOUNDS | OBSERVED | EXPECTED | (OBS-EXP) | [(OBS-EXP)**2 / EXP] |
|---------------------|----------|----------|-----------|----------------------|
| -INFINITY TO -5.783 | 0 | 73.6 | -73.6 | 73.600 |
| -5.783 TO -2.598 | 0 | 73.6 | -73.6 | 73.600 |
| -2.598 TO -0.302 | 0 | 73.6 | -73.6 | 73.600 |
| -0.302 TO 1.660 | 479 | 73.6 | 405.4 | 2233.005 |
| 1.660 TO 3.493 | 102 | 73.6 | 28.4 | 10.959 |
| 3.493 TO 5.327 | 47 | 73.6 | -26.6 | 9.614 |
| 5.327 TO 7.289 | 37 | 73.6 | -36.6 | 18.201 |
| 7.289 TO 9.585 | 18 | 73.6 | -55.6 | 42.002 |
| 9.585 TO 12.769 | 16 | 73.6 | -57.6 | 45.078 |
| 12.769 TO +INFINITY | 37 | 73.6 | -36.6 | 18.201 |

CHI-SQUARED VALUE IS 2597.86. DEGREES OF FREEDOM ARE 7.

| SIGNIFICANCE LEVEL | CHI-SQUARE VALUE |
|--------------------|------------------|
| 0.500 | 6.35 |
| 0.750 | 9.04 |
| 0.900 | 12.00 |
| 0.950 | 14.10 |
| 0.975 | 16.00 |
| 0.990 | 18.50 |
| 0.995 | 20.30 |

NUMBER OF OBSERVATIONS: 736
 MINIMUM: 4.000
 MAXIMUM: 11825.000
 MEAN: 242.736
 STANDARD ERROR OF MEAN: 30.630
 STANDARD DEVIATION: 830.967
 COEFFICIENT OF VARIATION: 342.333
 SKEWNESS: 9.269
 KURTOSIS: 103.775

CHI-SQUARE TEST FOR "GOODNESS OF FIT" WITH A NORMAL DISTRIBUTION

VARIABLE : PB

| CLASS BOUNDS | OBSERVED | EXPECTED | (OBS-EXP) | [(OBS-EXP)**2 / EXP] |
|-----------------------|----------|----------|-----------|----------------------|
| -INFINITY TO -822.231 | 0 | 73.6 | -73.6 | 73.600 |
| -822.231 TO -456.606 | 0 | 73.6 | -73.6 | 73.600 |
| -456.606 TO -193.023 | 0 | 73.6 | -73.6 | 73.600 |
| -193.023 TO 32.252 | 314 | 73.6 | 240.4 | 785.220 |
| 32.252 TO 242.736 | 286 | 73.6 | 212.4 | 612.959 |
| 242.736 TO 453.220 | 62 | 73.6 | -11.6 | 1.828 |
| 453.220 TO 678.496 | 25 | 73.6 | -48.6 | 32.092 |
| 678.496 TO 942.079 | 12 | 73.6 | -61.6 | 51.557 |
| 942.079 TO 1307.704 | 14 | 73.6 | -59.6 | 48.263 |
| 1307.704 TO +INFINITY | 23 | 73.6 | -50.6 | 34.787 |

CHI-SQUARED VALUE IS 1787.51. DEGREES OF FREEDOM ARE 7.

| SIGNIFICANCE LEVEL | CHI-SQUARE VALUE |
|--------------------|------------------|
| 0.500 | 6.35 |
| 0.750 | 9.04 |
| 0.900 | 12.00 |
| 0.950 | 14.10 |
| 0.975 | 16.00 |
| 0.990 | 18.50 |
| 0.995 | 20.30 |

VARIABLE: ZM
 NUMBER OF OBSERVATIONS: 736
 MINIMUM: 6.000
 MAXIMUM: 22300.000
 MEAN: 612.712
 STANDARD ERROR OF MEAN: 60.355
 STANDARD DEVIATION: 1637.381
 COEFFICIENT OF VARIATION: 267.235
 SKEWNESS: 7.837
 KURTOSIS: 80.998

CHI-SQUARE TEST FOR "GOODNESS OF FIT" WITH A NORMAL DISTRIBUTION

VARIABLE : ZM

| CLASS BOUNDS | OBSERVED | EXPECTED | (OBS-EXP) | [(OBS-EXP)**2 / EXP] |
|------------------------|----------|----------|-----------|----------------------|
| -INFINITY TO -1485.756 | 0 | 73.6 | -73.6 | 73.600 |
| -1485.756 TO -765.308 | 0 | 73.6 | -73.6 | 73.600 |
| -765.308 TO -245.931 | 0 | 73.6 | -73.6 | 73.600 |
| -245.931 TO 197.963 | 370 | 73.6 | 296.4 | 1193.654 |
| 197.963 TO 612.712 | 218 | 73.6 | 144.4 | 283.307 |
| 612.712 TO 1027.461 | 71 | 73.6 | -2.6 | 0.092 |
| 1027.461 TO 1471.355 | 28 | 73.6 | -45.6 | 28.252 |
| 1471.355 TO 1990.732 | 6 | 73.6 | -67.6 | 62.089 |
| 1990.732 TO 2711.180 | 14 | 73.6 | -59.6 | 48.263 |
| 2711.180 TO +INFINITY | 29 | 73.6 | -44.6 | 27.027 |

CHI-SQUARED VALUE IS 1863.48. DEGREES OF FREEDOM ARE 7.

| SIGNIFICANCE LEVEL | CHI-SQUARE VALUE |
|--------------------|------------------|
| 0.500 | 6.35 |
| 0.750 | 9.04 |
| 0.900 | 12.00 |
| 0.950 | 14.10 |
| 0.975 | 16.00 |
| 0.990 | 18.50 |
| 0.995 | 20.30 |

VARIABLE: FE
 NUMBER OF OBSERVATIONS: 736
 MINIMUM: 0.010
 MAXIMUM: 23.300
 MEAN: 2.965
 STANDARD ERROR OF MEAN: 0.062
 STANDARD DEVIATION: 1.685
 COEFFICIENT OF VARIATION: 56.823
 SKEWNESS: 3.608
 KURTOSIS: 32.661

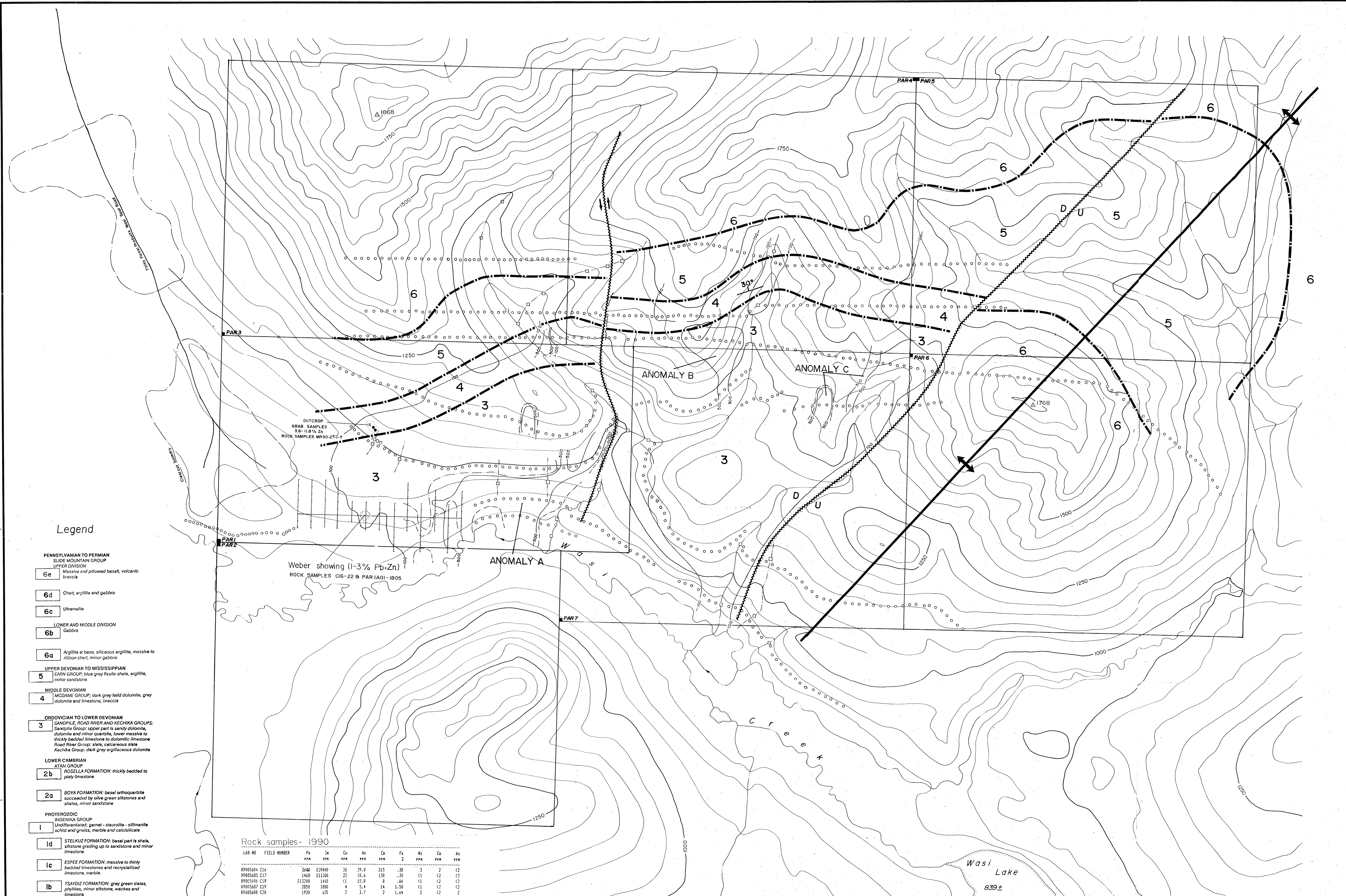
 CHI-SQUARE TEST FOR *GOODNESS OF FIT* WITH A NORMAL DISTRIBUTION

VARIABLE : FE

| CLASS BOUNDS | OBSERVED | EXPECTED | (OBS-EXP) | [(OBS-EXP)**2 / EXP] |
|--------------------|----------|----------|-----------|----------------------|
| -INFINITY TO 0.806 | 28 | 73.6 | -45.6 | 28.252 |
| 0.806 TO 1.547 | 79 | 73.6 | 5.4 | 0.396 |
| 1.547 TO 2.081 | 99 | 73.6 | 25.4 | 8.766 |
| 2.081 TO 2.538 | 102 | 73.6 | 28.4 | 10.959 |
| 2.538 TO 2.965 | 96 | 73.6 | 22.4 | 6.817 |
| 2.965 TO 3.391 | 95 | 73.6 | 21.4 | 6.222 |
| 3.391 TO 3.848 | 94 | 73.6 | 20.4 | 5.654 |
| 3.848 TO 4.383 | 63 | 73.6 | -10.6 | 1.527 |
| 4.383 TO 5.124 | 35 | 73.6 | -38.6 | 20.244 |
| 5.124 TO +INFINITY | 45 | 73.6 | -28.6 | 11.114 |

CHI-SQUARED VALUE IS 99.95. DEGREES OF FREEDOM ARE 7.

| SIGNIFICANCE LEVEL | CHI-SQUARE VALUE |
|--------------------|------------------|
| 0.500 | 6.35 |
| 0.750 | 9.04 |
| 0.900 | 12.00 |
| 0.950 | 14.10 |
| 0.975 | 16.00 |
| 0.990 | 18.50 |
| 0.995 | 20.30 |



Legend

- PENNSYLVANIAN TO PERMIAN**
SLIDE MOUNTAIN GROUP
UPPER DIVISION
6e Massive and pillowed basalt, volcanic breccia
6d Chert, argillite and gabbro
6c Ultramafite
LOWER AND MIDDLE DIVISION
6b Gabbro
6a Argillite at base, siliceous argillite, massive to ribbon chert, minor gabbro
UPPER DEVONIAN TO MISSISSIPPIAN
5 EARN GROUP, blue grey fissile shale, argillite, minor sandstone
MIDDLE DEVONIAN
4 MIDAME GROUP, dark grey fossiliferous dolomite, grey dolomite and limestone, breccia
ORDOVICIAN TO LOWER DEVONIAN
3 SANDPILE, ROAD RIVER AND KECHIKA GROUPS:
 Sandpile Group: upper part is sandy dolomite, dolomite and minor quartzite, lower massive to sticky bedded limestone to dolomitic limestone
 Road River Group: slate, calcareous slate
 Kechika Group: dark grey argillaceous dolomite
LOWER CAMBRIAN
ATAN GROUP
2b ROSSELLA FORMATION: thickly bedded to platy limestone
2a BOVA FORMATION: basal orthoquartzite succeeded by olive green siltstones and shales, minor sandstone
PROTEROZOIC
INGENIKA GROUP
1 Undifferentiated; garnet - staurolite - sillimanite schist and gneiss, marble and calcisilicate
1d STELKUZ FORMATION: basal part is shale, siltstone grading up to sandstone and minor limestone
1c ESPEE FORMATION: massive to thinly bedded limestone and recrystallized limestone, marble
1b ISAYDZ FORMATION: grey green slates, phyllites, minor siltstone, wackes and limestone
1a SWANWELL FORMATION: shale, phyllite, feldspathic wacke, limestone, permineralized schist, quartzite

Rock samples - 1990

| LAB NO | FIELD NUMBER | Pb | Zn | Cu | Ag | Cd | Co | Ni | As | Mn | Fe |
|--------------|--------------|------|------|-----|------|-----|-----|-----|-----|-----|-----|
| ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| RR90588A C16 | E1300 | 26 | 29.0 | 315 | 38 | 3 | 2 | 2 | | | |
| RR90588B C17 | E1330 | 22 | 16.6 | 133 | 30 | 1 | 1 | 1 | | | |
| RR90588C C18 | E1320 | 14.0 | 15.8 | 8 | 8 | 1 | 1 | 1 | | | |
| RR90588D C19 | 2850 | 4 | 5.4 | 14 | 1.56 | 1 | 1 | 1 | | | |
| RR90588E C20 | 1720 | 2 | 3.7 | 2 | 1.44 | 2 | 1 | 1 | | | |
| RR90588F C21 | E14000 | 13 | 17.1 | 46 | 2.29 | 1 | 1 | 1 | | | |
| RR90588G C22 | 9830 | 6 | 15.8 | 8 | 1.22 | 1 | 1 | 1 | | | |

| Lab. No. | Field No. | Total C | Ca | Pb | Zn | Ag | Cd | Co | Ni | As | Cr | Mn | Fe |
|----------|--------------------|---------|-----|-------|------|------|------|------|-------|-----|-----|------|-----|
| ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 1 | 890-12518 PAR 1A01 | 11.20 | <5 | 6.3 | 84 | <1 | 1150 | 9342 | 5 | <1 | 4 | 14 | |
| 2 | 890-12519 PAR 1A02 | 6.47 | <5 | 22.37 | | >100 | 6 | 15 | 10000 | 640 | 10 | <1 | <1 |
| 3 | 890-12520 PAR 1A03 | 19.70 | <5 | 8.89 | | 67.8 | 3 | <1 | 10000 | 113 | <2 | <1 | 34 |
| 4 | 890-12521 PAR 1A04 | 5.14 | <5 | 3.16 | 38.2 | 398 | 21 | 3833 | 10000 | 4 | <1 | <1 | 22 |
| 5 | 890-12522 PAR 1A05 | 10.10 | <5 | 3.91 | 38.3 | 354 | 20 | 4546 | 10000 | 3 | <1 | <1 | 45 |
| 6 | 890-12523 PAR 27-1 | 1.42 | <5 | <4 | <1 | 5 | 160 | 90 | 40 | <1 | 1 | 1.48 | |
| 7 | 890-12524 PAR 27-2 | 23.00 | <5 | 1.8 | 27 | <1 | 743 | 4381 | <2 | <1 | 1 | 66 | |
| 8 | 890-12525 PAR 27-3 | 11.00 | <5 | 11.82 | 10.7 | 643 | 92 | 1022 | 10000 | 5 | <1 | 8 | 31 |
| 9 | 890-12526 PAR 27-4 | 12.40 | 15 | 4.47 | 2.3 | 317 | 35 | 226 | 10000 | 6 | <1 | 4 | 28 |
| 10 | 890-12527 PAR 27-5 | 11.40 | 20 | 9.01 | 4.1 | 480 | 68 | 310 | 10000 | 5 | <1 | 6 | 26 |
| 11 | 890-12528 PAR 27-6 | 32.00 | 15 | 5.53 | 13.9 | 345 | 39 | 4234 | 10000 | 3 | <1 | 1 | 16 |
| 12 | 890-12529 PAR 27-7 | 10.20 | 10 | 3.69 | 20.1 | 228 | 16 | 455 | 10000 | 3 | <1 | <1 | 56 |

- 100 — Pb (ppm) soil contour
- 500 — Zn (ppm) soil contour
- 2000 — Geological contact (assumed)
- Fault (assumed)
- Soil sample
- Silt sample

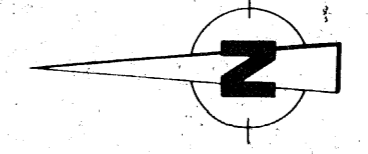
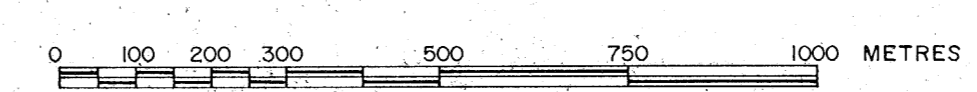
GEOLOGICAL BRANCH
ASSESSMENT REPORT

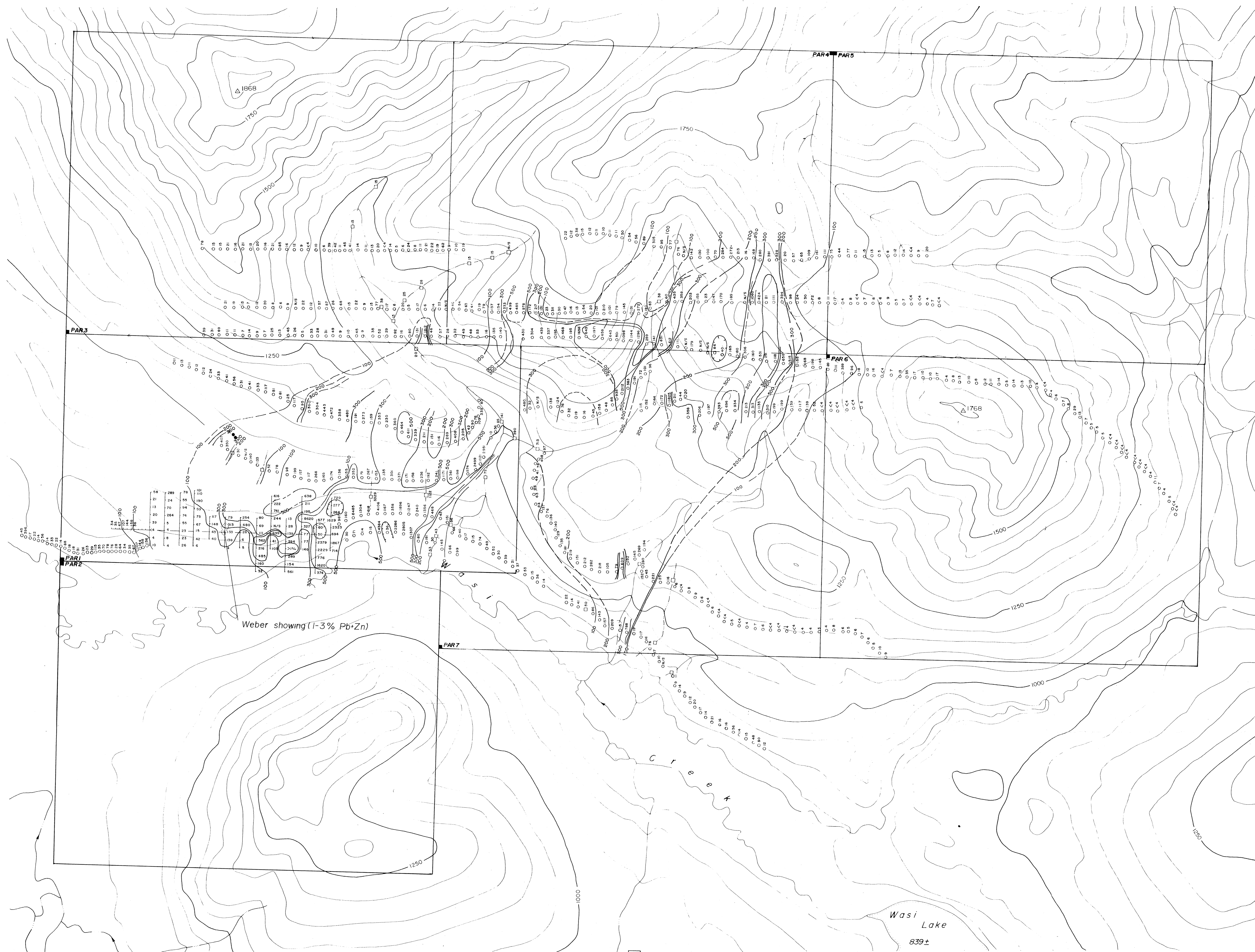
21,211

PAR CLAIMS

| | |
|-----------------|-----------------|
| Drawn by: DLC | Traced by: |
| Checked by: | Checked by: |
| Scale: 1:10,000 | Date: OCT. 1990 |
| Plate: 90-3 | |

GEOLOGY, GEOCHEMISTRY
Pb & Zn Summary

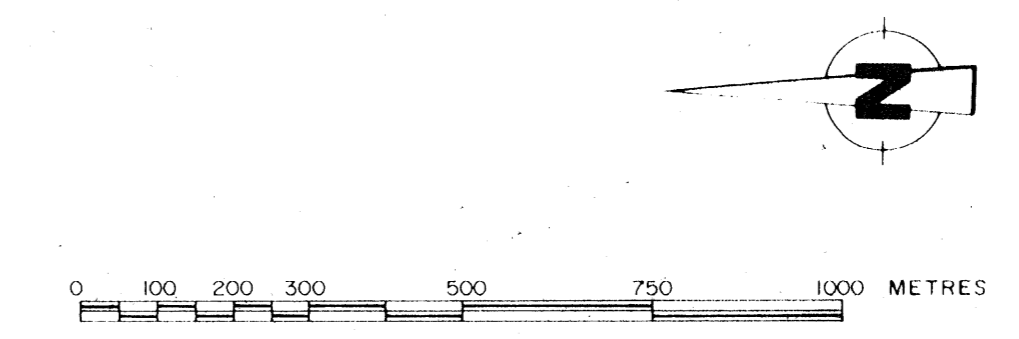




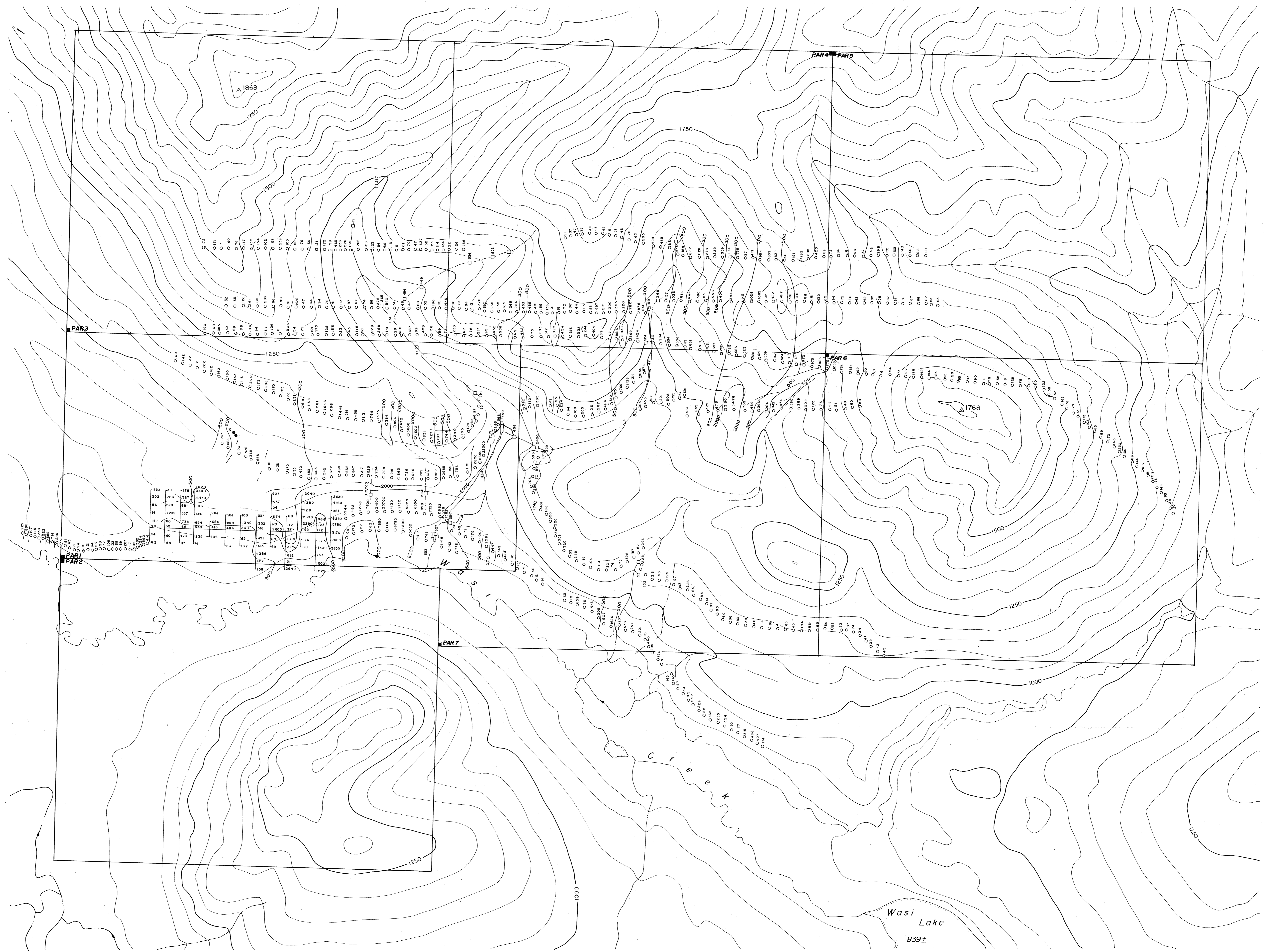
- 100- 199 ppm Pb
- 200- 299 ppm Pb
- 300- 499 ppm Pb
- >500 ppm Pb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,211



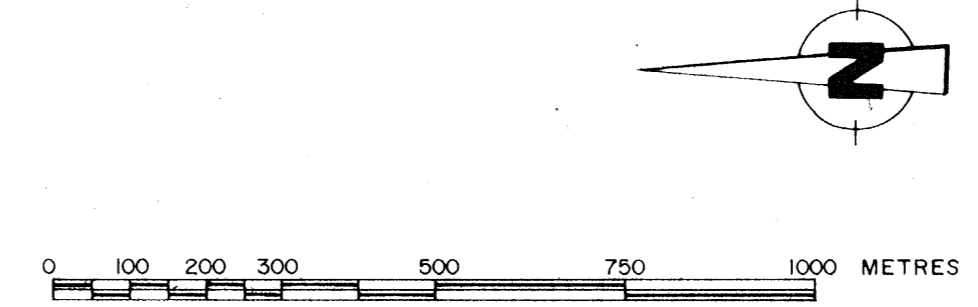
| PAR CLAIMS | | NTS. 94 C 2/3 | |
|--|-----------------|------------------|--|
| Drawn by: DLC | Traced by: | | |
| Revised by: | Revised by: | | |
| CONTOUR SOIL SAMPLES LEAD IN PPM. | | | |
| OMINECA M.D. | | | |
| Scale: 1:10,000 | Date: OCT, 1990 | Plate: 90-4 | |



- > 500 ppm Zn
- > 2000 ppm Zn

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,211



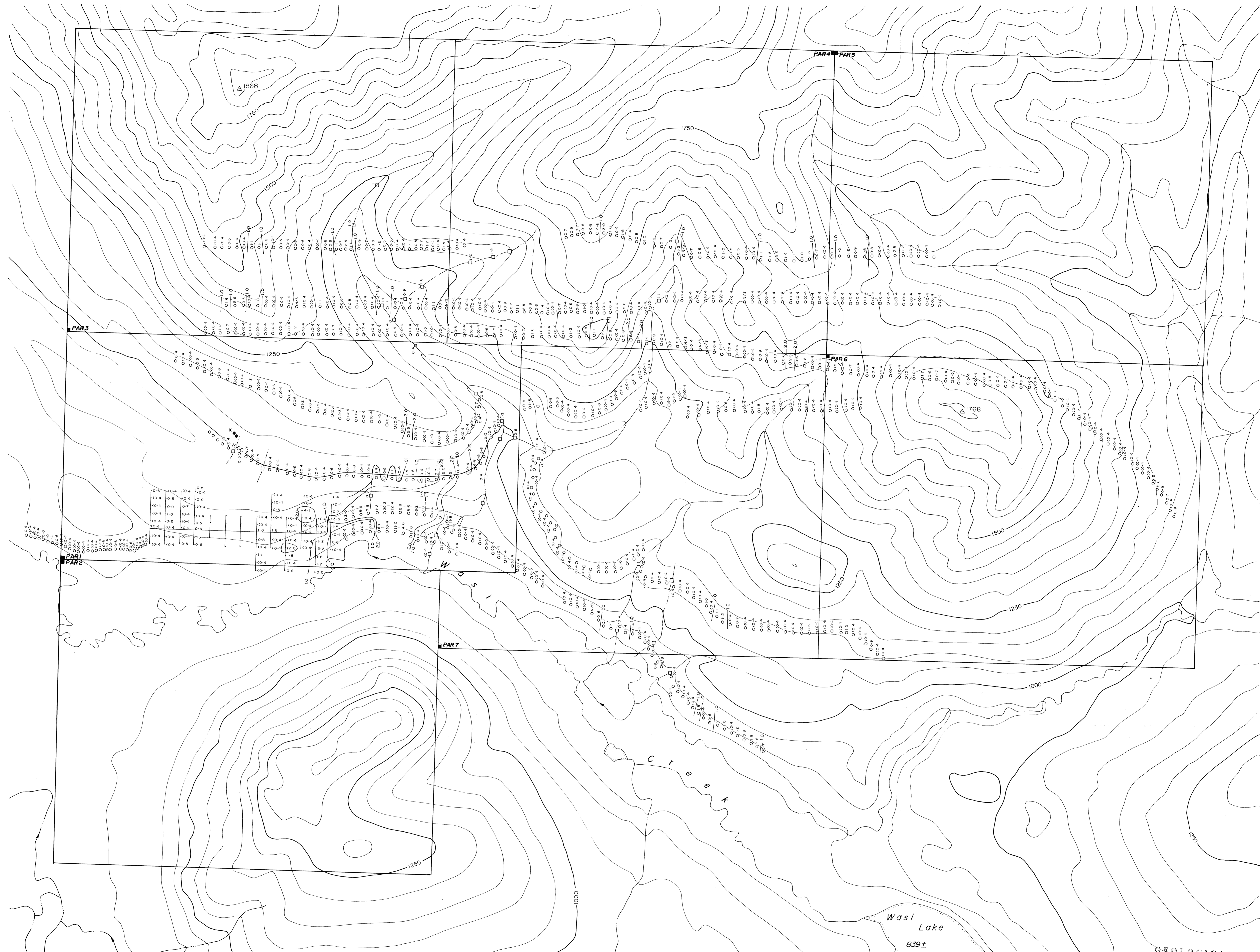
PAR CLAIMS

| Drawn by | Date | Traced by | Date |
|----------|------|-----------|------|
| | | | |
| | | | |
| | | | |

CONTOUR SOIL SAMPLES
ZINC IN PPM.

OMINECA M.D.
SCALE: 1:10,000 DATE: OCT. 1990 PLAN: 90-5

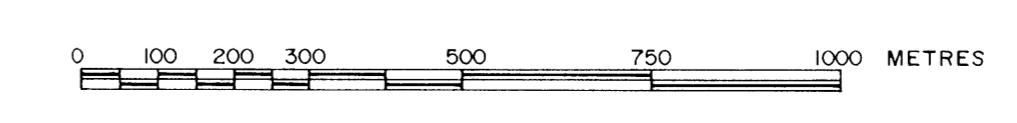
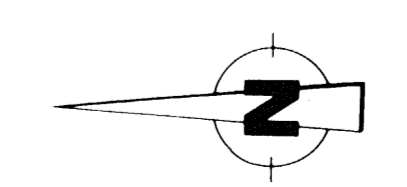
NTS
84 C 2/3



>1.0 ppm Ag
 >2.0 ppm Ag

GEOLOGICAL BRANCH
ASSESSMENT REPORT

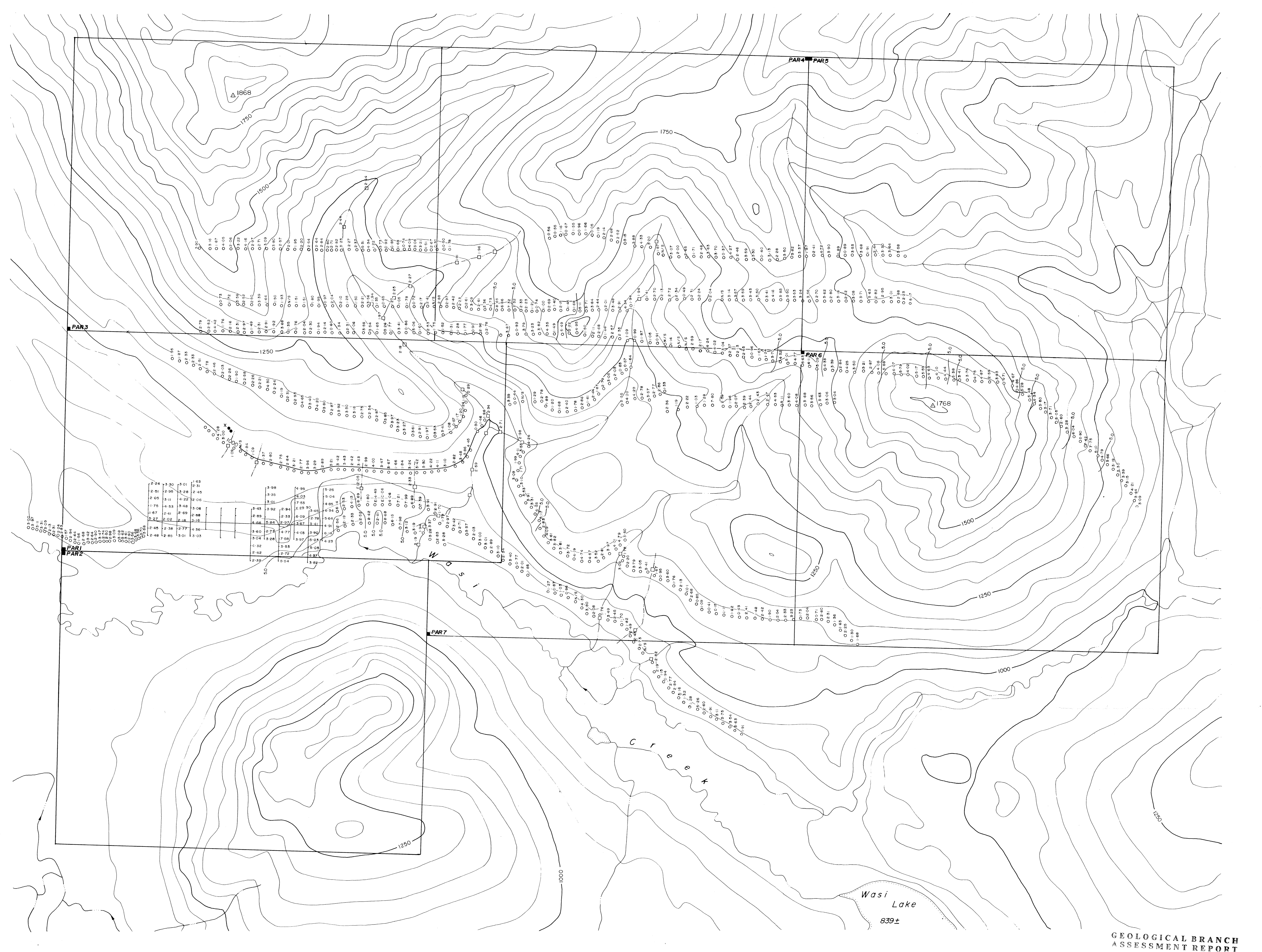
21,211



| PAR CLAIMS | | N.T.S. 94C 2/3 | |
|------------|-----------|----------------|------|
| Drawn by | Traced by | Revised by | Date |
| DLC | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DOMINECA, M.D.
 Scale 1:10,000 Date OCT, 1990 Plate 90-6

CONTOUR SOIL SAMPLES
SILVER IN P.P.M.



1868

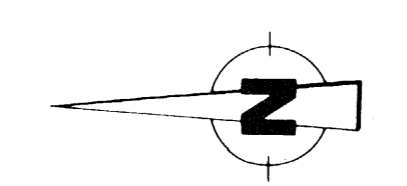
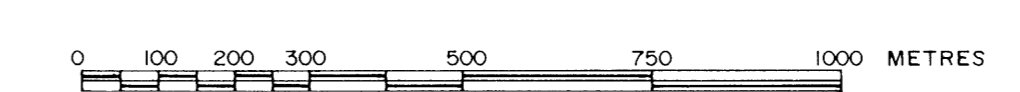
1768

Wasi Lake
839±

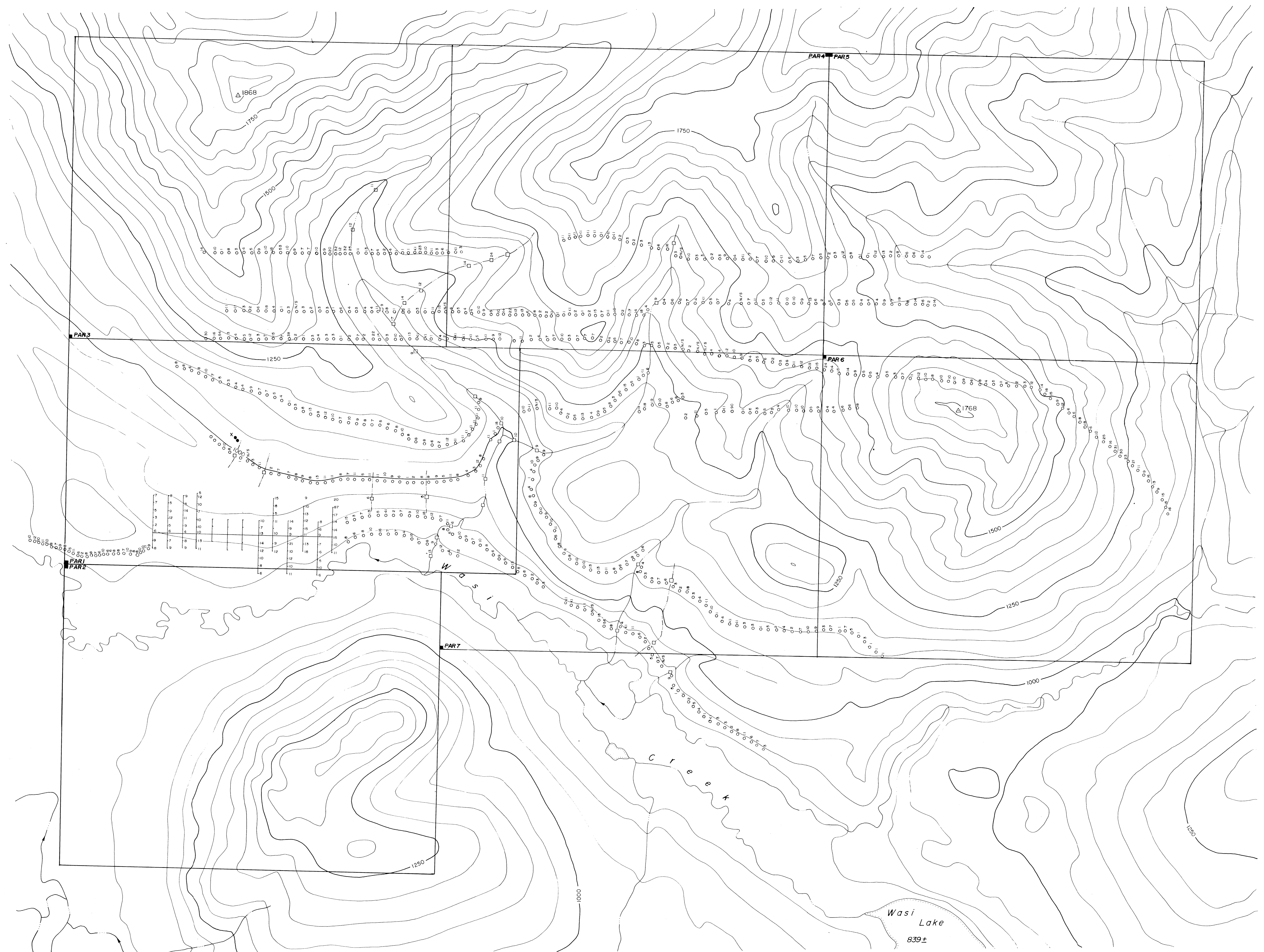
□ >5.0% Fe

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,211

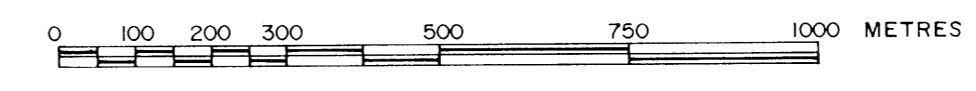
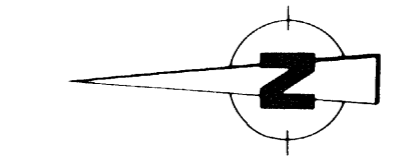


| PAR CLAIMS | | N.T.S. 94C 2/3 | |
|---|------------|-------------------|-----------|
| Drawn by | DLC | Traced by | |
| Revised by | | Revised by | |
| Date | | Date | |
| CONTOUR SOIL SAMPLES IRON IN % | | | |
| OMINECA, M.D. | | Date | OCT. 1990 |
| Scale | 1 : 10,000 | Plate | 90-7 |



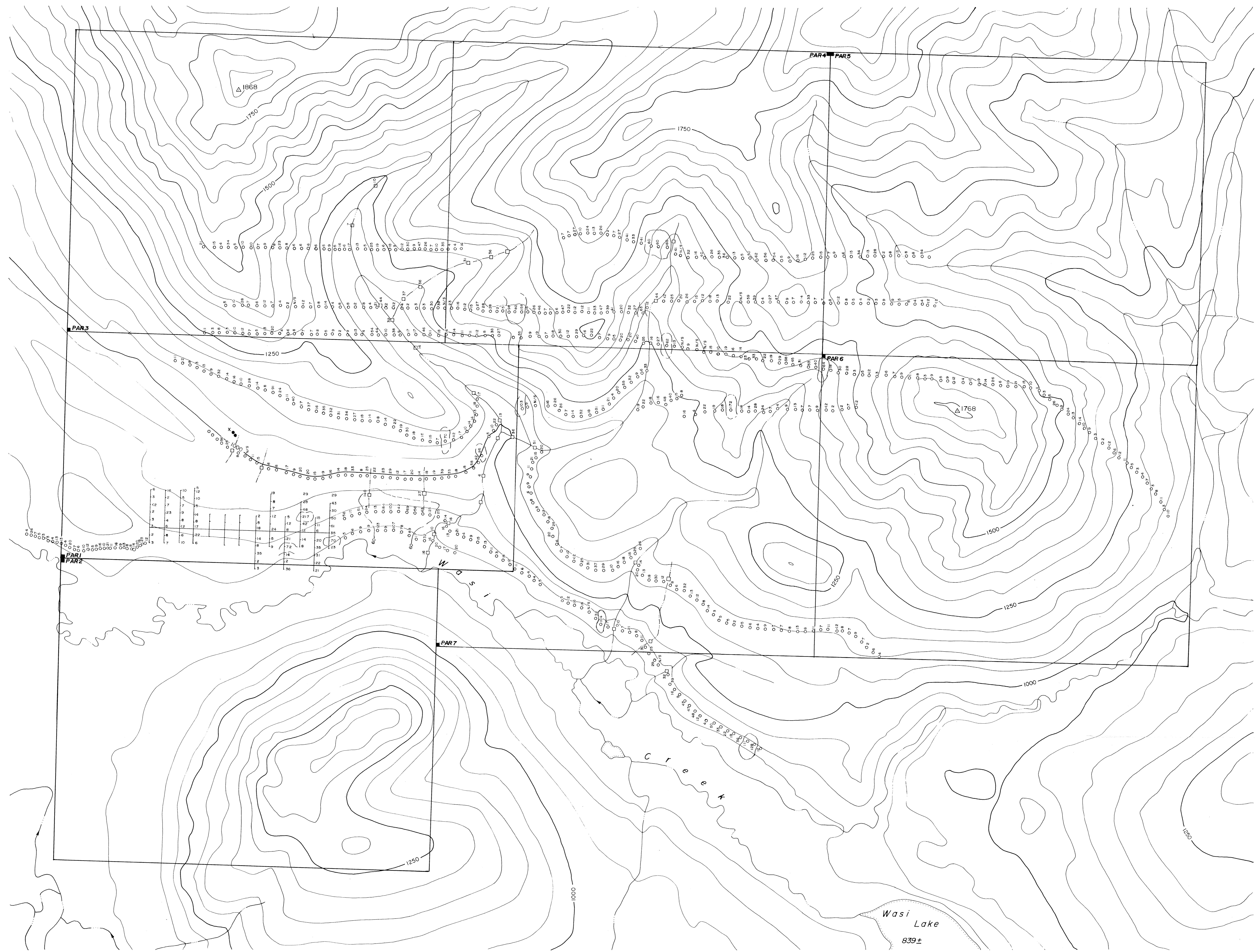
GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,211



| PAR CLAIMS | | N.T.S. 94C 2/3 | |
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| Scale: 1:10,000 | | FORM 210 (88) | |

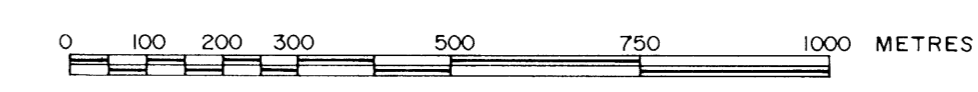
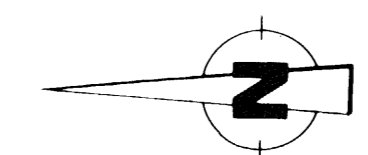
CONTOUR SOIL SAMPLES
COBALT IN P.P.M.



□ >60 ppm As

GEOLOGICAL BRANCH
ASSESSMENT REPORT

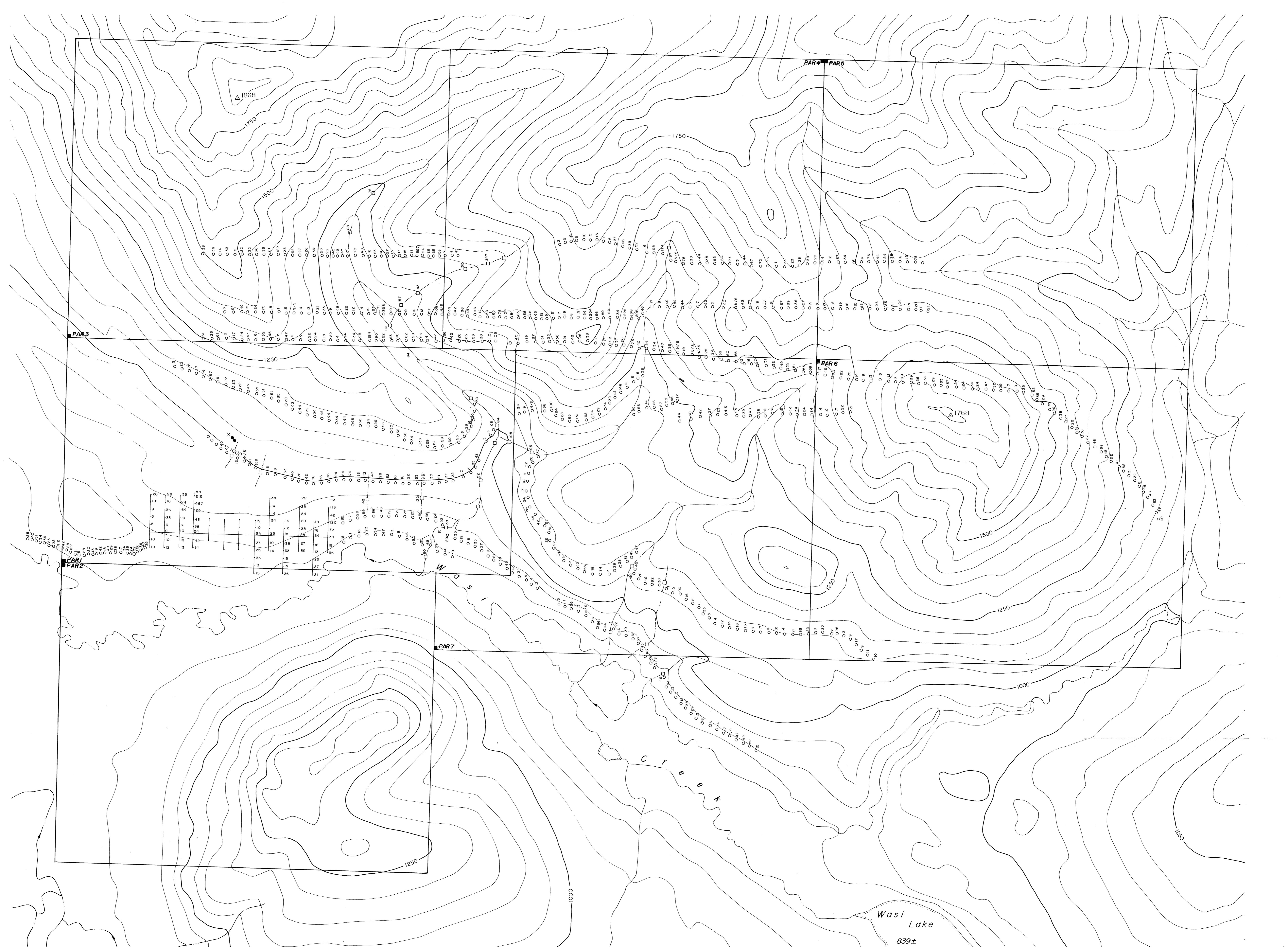
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| PAR CLAIMS | | NTS 94C 2/3 | |
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**CONTOUR SOIL SAMPLES
ARSENIC IN P.P.M.**

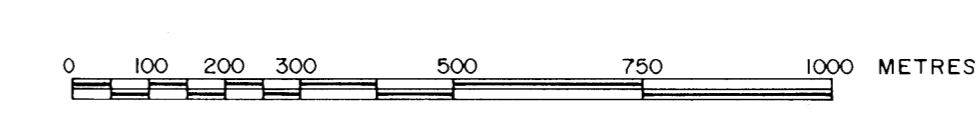
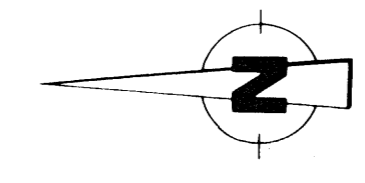
OMINECA M.D.
Scale 1 : 10,000 Date OCT, 1990 Plate 90-9



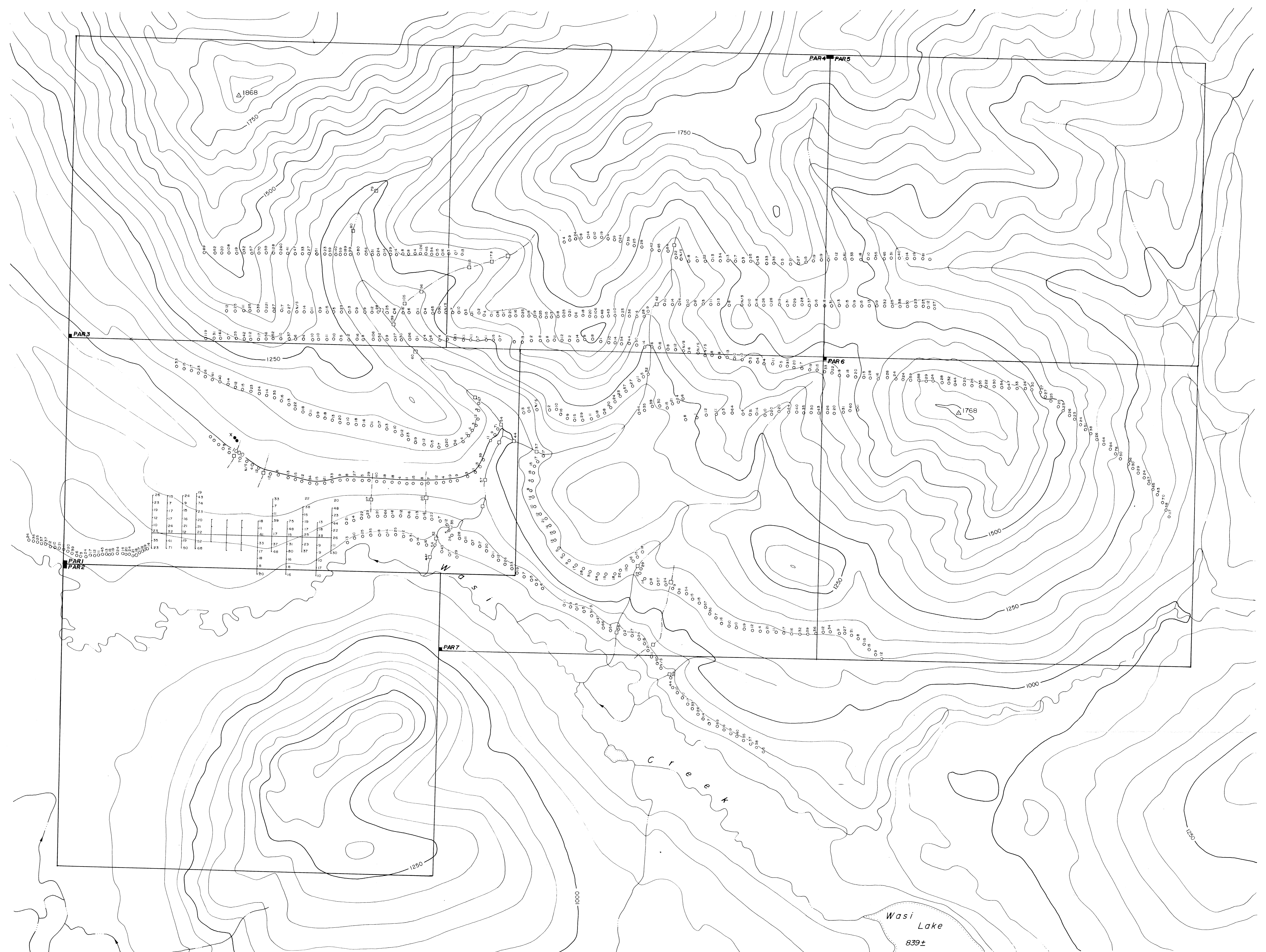
| | | | | |
|----|----|----|----|----|
| 1 | 20 | 27 | 35 | 38 |
| 2 | 19 | 26 | 34 | 37 |
| 3 | 18 | 25 | 33 | 36 |
| 4 | 17 | 24 | 32 | 35 |
| 5 | 16 | 23 | 31 | 34 |
| 6 | 15 | 22 | 30 | 33 |
| 7 | 14 | 21 | 29 | 32 |
| 8 | 13 | 20 | 28 | 31 |
| 9 | 12 | 19 | 27 | 30 |
| 10 | 11 | 18 | 26 | 29 |
| 11 | 10 | 17 | 25 | 28 |
| 12 | 9 | 16 | 24 | 27 |
| 13 | 8 | 15 | 23 | 26 |
| 14 | 7 | 14 | 22 | 25 |
| 15 | 6 | 13 | 21 | 24 |
| 16 | 5 | 12 | 20 | 23 |
| 17 | 4 | 11 | 19 | 22 |
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| 19 | 2 | 9 | 17 | 20 |
| 20 | 1 | 8 | 16 | 19 |

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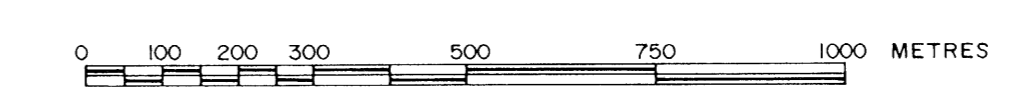
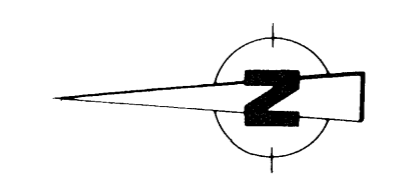


| PAR CLAIMS | | NTS. 94C 2/3 | |
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| CONTOUR SOIL SAMPLES NICKEL IN P.P.M. | | | |
| OWNECA M.D. | | Date | OCT, 1990 |
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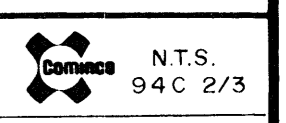


PAR CLAIMS

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| DLC | |
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**CONTOUR SOIL SAMPLES
COPPER IN P.P.M.**

OMINECA M.D.
Scale 1:10,000 Date OCT. 1990 Plate 90 11



N.T.S.
94C 2/3
FORM 210 (90)