

COMINCO LTD.

EXPLORATION
NTS 93N/9

WESTERN CANADA

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| LOG NO: | OCT C 5 1992 | RD. |
| ACTION: | | |
| FILE NO: | | |

ASSESSMENT REPORT
GEOCHEMICAL SOIL SAMPLING
BOULDER GROUP

OMINECA MINING DIVISION
MANSON LAKE AREA

LATITUDE 55°37'N

LONGITUDE 124°35W

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

OPERATOR COMINCO LTD.
WORK PERFORMED DURING JULY 1992
GEOLOGICAL BRANCH
ASSESSMENT REPORT

SEPTEMBER 10, 199

22,530

A.B. MAWER

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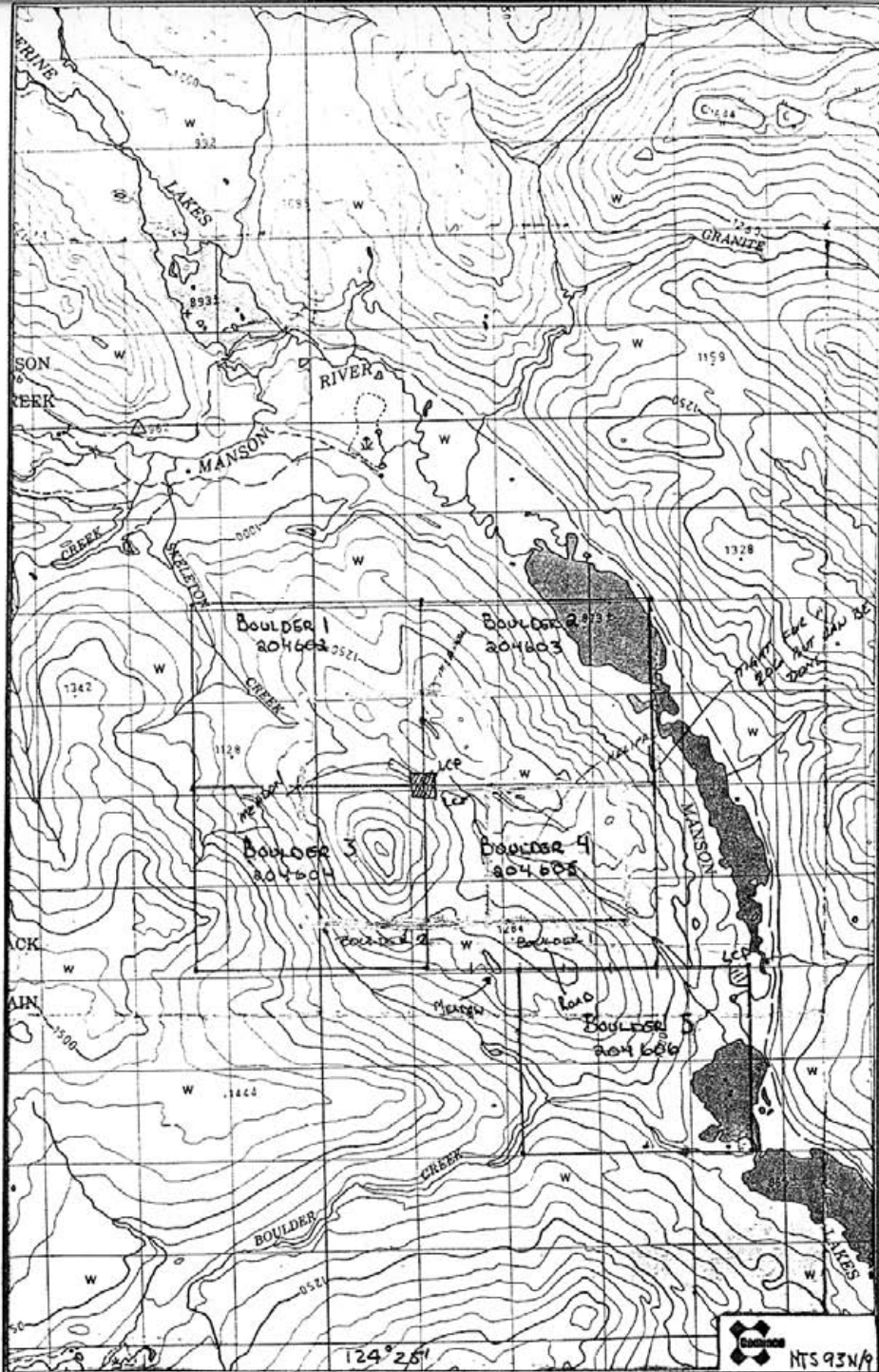
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Boulder Claims

| | | |
|---|---------------------------------------|---|
|  | | |
| Drawn by: _____ Revised by: _____ | Traced by: _____ Checked by: _____ | <h2 style="text-align: center;">Location Map</h2> <h3 style="text-align: center;">Boulder claims</h3> |
| Date: _____ Date: _____ | Date: _____ Date: _____ | |
| Scale: <i>1 inch = 84 mi.</i> | | Date: <i>Sept 19 1992</i> Plate: <i>1</i> |

5537



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

Location Map
Boulder Claims

Scale: 1 : 50000 Date: Plate: 2

1. Introduction

This report outlines the development work on the Boulder Group of 5 mineral claims (100 units) situated within the Omineca Mining Division of B.C.

During 1992 the exploration program consisted of soil sampling on a 500 m x 1000 m grid and geological mapping along the grid.

2. Summary

The Boulder property is located within the Omineca Mining Division at Latitude 55°37'N, longitude 124°35'W on map sheet N.T.S. 93N/9. The area lies approximately six km south east of the village of Manson Creek and three km west of upper Manson Lakes; is heavily timbered with steep to moderate topography and drained north and south by small streams.

Following discovery and initial work by D.L. Craig it was decided to stake the area and this was done by a Contractor (Jempland Construction Ltd. of Prince George B.C.). After the location of the Boulder claims the area of immediate interest was resampled on a inbetween grid extending out to 500 m from the base line ; 180 soil samples and 13 rock samples were collected and submitted for analysis.

The claim area is underlain by northwest striking steep dipping faulted and folded series of graphitic sediments arenaceous wacke and interbedded felsic crystal tuffs of the Slide Mtn. Group (SM 4,5 and SM 6) as illustrated on Open File map 1988 12a. Interbedded or intruded in this sequence is a thick section of green to dark green Gabbro (SM2). The mineralized outcrop consists of brownish weathering light grey fine grained calcareous sandstone and arenaceous carbonate; galena, pyrite and minor sphalerite occur as fine interstitial grains to thin wispy lenses and laminations. Rock specimens DC R41-54 varied from 0.1% Pb to 1.6% Pb, 0.06% Zn, to 0.5% Zn, Overall grade is less than 1% Pb/Zn. The preliminary soil sampling over a grid area of 500 m wide 700 m long produced a significant Pb soil anomaly with minor coincident Zn and no significant Au. It is recommended that soil sampling and geological mapping be continued on the Boulder property.

3. Property - Refer to Plate 2

The present Boulder Group comprises 100 units in five located claims as follows:

| <u>Claims</u> | <u>Record No.</u> | <u>Recorded</u> | <u>Assessment Due</u> |
|---------------|-------------------|-----------------|-----------------------|
| boulder 1-5 | 310856-860 | July 02/92 | July 02/93 |

Note: Assessment credits for work reported herein shall extend these due dates.

4. Ownership

The Boulder Group fo five claims (100 units) is 100% owned by Cominco Ltd. 700-409 Granville Street Vancouver, B.C. V6C 1T2.

5. Location and Access. Refer to Plate 1

The Boulder Group is located within the Omineca M.D. on mapsheet NTS 93N/9 at Latitude 55°37'N Longitude 124°35'W. The claims are situated over the height of land between Skeleton and Boulder Creeks approximately three km west of upper Manson Lake, and six km south east of the village of Manson Creek. The topography is moderate to steep with a dense forest cover and some swampy sections even at higher elevations. Access is by helicopter to pads that were cut out in the forest in the central part of the claim group. Access by foot can also be done from old placer mining roads along Boulder Creek and Lower Skeleton creek. During the current program a helicopter was used from Germansen Landing approximately 26 km to the north.

6. History and Development

In 1991 anomalous lead values in silts were indicated in lower Boulder Creek in a easterly branch locally named (Scrub Dog Creek). In 1992 a follow up program of prospecting and silt sampling indicated elevated Pb values in this creek and also located Pb/Zn/Py mineralization in outcrop in the upper area of Scrub Dog Creek, a local flagged grid 1000 m x 400 m wide in the mineralized outcrop area indicated anomalous lead with minor zinc in the soils.

Subsequently the Boulder Group of five claims were located and the area of immediate interest was resampled on and inbetween lines grid extending easterly out to 500 m from the base line.

7. Geology

1. Regional - Refer to Plate 3

The area is underlain by northwest striking steep dipping, faulted and foliated series of graphitic sediments and arenaceous wacke of the Slide Mtn. Group. (SM5) and SM6) (Open File 1988 12a). There are also some interbedded dacitic volcanic units.

Intruded and interbedded in the sediment volcanic succession is a thick section of green to dark green Gabbro (SM₂) and to the south west is the Germansen batholith.

2. Property - Summary (2a,b,c,d) Refer to Plate 4

On the claim rock outcrops consist of northwest striking steeply dipping interbedded graphitic feldspathic grits siltstone, mudstone, black limestone, dacitic lapilli tuffs and minor calcareous sandstone to arenaceous limestone.

The claims lie astride the southern extension of the Manson Creek fault zone so the rock outcrops are folded and foliated to varying degrees of phyllite to sericitic schist.

Metamorphism is relatively low with some chloritic material being developed in outcrops on the property; biotite, garnet and staurolite occur within the sediments and tuffs closer to the contact of the Germansen batholith approximately three kms to the south.

Mineralization outcrops on the property in only one place, at the baseline at 10,000 N 10,000 E, here brown weathering calcareous sandstone to arenaceous limestone is exposed over an area of 20 m x 20 m, Galena, pyrite and minor sphalerite occur as very fine interstitial grains to thin wispy lenses and laminations, there also appears to be some interlaminated light-green grey ash tuff in the mineralized material. Overall grade in the outcrop would be less than 1% Pb/Zn and the sampling that was done on selected grabs ranges from 0.1% Pb to 1.6% Pb and 0.06% Zn to 0.5% Zn., these samples were later ran for gold with negligible

results, however on rock samples of pyritic dacitic tuff at 9950E, 10175N ran 192 ppb.

8. Geophysics

No Geophysics were done in the present program.

9. Geochemistry - Refer to Plate 5, statistical program Appendix E

Following the location of the Boulder claims the original base line was reestablished and extended northerly. Soil sample lines were run in between previous sample lines but were out to 500 m from the base line, 180 samples were collected from lines 100 m apart and at a spacing of 25 m, all samples were taken for the "B" horizon when possible stored in kraft envelopes and shipped to Cominco's research laboratory @ 1486 East Pender Street Vancouver, B.C.

The samples were hot air dried, sieved and submitted for analysis by Atomic Absorption for the elements and by the methods noted on the analytical reports.

The results of this preliminary sampling programs indicate a relatively large area with elevated Pb content in the soils. Accompanying the lead is a lower but coincident Zinc values.

10 Diamond Drilling

No diamond drilling was done in this preliminary program.

11. Ore Potential and Possibilities

The soil sampling program indicates a large area of anomalous Pb/Zn in soils and it is possible that a stratiform deposit could be present in this mixed package of carbonaceous black clastics and dacitic volcanics.

12. Equipment and Buildings

Not considered.

13. Conclusions and Recommendations

The preliminary soil sampling program has indicated a large area of anomalous lead in the soils, accompanied by a lower coincident zinc anomaly. The anomalous soils occur in an area of intercalated carbonaceous sediments, dacitic volcanics and one outcrop of weak Pb/Zn mineralization. It is recommended that additional soil sampling and geological mapping be done to further delineate the anomalous soils and to possibly locate the source of mineralization in the area.

14. References

Cominco Files - Field Notes D.L. Craig, A.B. Mawer.

Ferri F, Melville, D.M. Manson Creek Mapping Project (93N/09)

Report by: *A. B. Mawer*
A.B. Mawer
Senior Geologist

Approved for
Release by: *W. J. Wolfe*
W.J. Wolfe
Manager, Exploration Western District

APPENDIX "A"

IN THE MATTER OF THE B.C. MINERAL ACT AND IN THE MATTER OF A PRELIMINARY SOIL GEOCHEMICAL AND GEOLOGICAL MAPPING PROGRAM CARRIED OUT ON MINERAL CLAIMS OF THE BOULDER PROPERTY LOCATED IN THE MANSON LAKE AREA, BRITISH COLUMBIA MORE PARTICULARLY N.T.S. 93N/9.

A F F I D A V I T

I, A.B. MAWER, OF THE DISTRICT OF NORTH VANCOUVER, IN THE PROVINCE OF BRITISH COLUMBIA, SENIOR GEOLOGIST, MAKE OATH AND SAY: -

- (1) THAT I am employed as a senior 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 Appendix "B" to this my affidavit is a true copy of expenditures on soil geochemistry and geological mapping on the Boulder property;
- (3) THAT the said expenditures were incurred between June 1992 and September 1992, for the purpose of mineral exploration on the above noted property.

Signed: A. B. Mawer
A.B. Mawer
Senior Geologist

September 10, 1992

APPENDIX "B"

STATEMENT OF EXPENDITURES

| | |
|--|--------------------|
| Field work period June 30 to July 13 supervision, soil sampling, geological mapping A.B. Mawer 7 days @ \$479/day | 3,353.00 |
| office report writing period Sept 8th to Sept 16. 5 days @ 479/day | 2,395.00 |
| Field work period June 30 to July 13, Soil sampler, geological assistant I.B. Mawer 7 days @ \$70/day | 490.00 |
| Communications mobile Radios and call charges 7 days @ 20/day | 140.00 |
| Geochemical analysis 180 soils, | 3,256.25 |
| 13 rock samples | 250.25 |
| Transport Helicopter | 2,369.50 |
| Transport Vehicle plus fuel | 734.44 |
| Domicile - | 530.78 |
| Drafting and Reproduction, salaries and supplies | <u>805.25</u> |
| Total Expenditure | \$14,324.47 |

Applicable for assessment credits

APPENDIX "C"

STATEMENT OF QUALIFICATIONS

I, A.B. MAWER, SENIOR GEOLOGIST WITH BUSINESS ADDRESS IN VANCOUVER, BRITISH COLUMBIA AND RESIDENTIAL ADDRESS IN NORTH VANCOUVER, BRITISH COLUMBIA HEREBY CERTIFY THAT:

- (1) From 1944 to the present, I have been actively engaged as a prospector and geologist in mineral exploration..
- (2) I am a Fellow of the Geological Association of Canada
- (3) I am a member of the Canadian Institute of Mining and Metallurgy
- (4) I personally supervised the field work on the Boulder Property and interpreted the data resulting from this work.

A. B. Mawer

A.B. Mawer
Senior Geologist

September 14, 1992

APPENDIX D

ANALYTICAL RESULTS

BOULDER-WD

JOB U 92-0382S

REPORT DATE 24 AUG 1992

| LAB NUMBER | FIELD NO | MAP ZONE | EAST | NORTH | # | M | O | S | COL | SZ | OR | M | CH | S | H | P | PH | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Au PPB | WT Au GRAM | Ba PPM |
|------------|----------|----------|--------|--------|---|---|---|---|-----|----|----|---|----|---|---|---|----|--------|--------|--------|--------|--------|------------|--------|
| S9218071 | 96100 | | +10150 | +10000 | 1 | 1 | 2 | 2 | 36 | 2 | 1 | 3 | 25 | 2 | B | | 21 | 240 | 197 | <.4 | <10 | 10 | 1030 | |
| S9218072 | 96101 | | +10150 | +10025 | 1 | 1 | 2 | 2 | 29 | 3 | 2 | 2 | 10 | 3 | B | | 26 | 181 | 193 | <.4 | <10 | 10 | 1208 | |
| S9218073 | 96102 | | +10150 | +10050 | 1 | 1 | 2 | 2 | 16 | 2 | 2 | 2 | 10 | 3 | B | | 5 | 23 | 45 | <.4 | <10 | 10 | 1044 | |
| S9218074 | 96103 | | +10150 | +10075 | 1 | 1 | 4 | 2 | 19 | 3 | 2 | 1 | 20 | 3 | C | | 23 | 110 | 148 | <.4 | <10 | 10 | 1091 | |
| S9218075 | 96104 | | +10150 | +10100 | 1 | 1 | 4 | 2 | 28 | 2 | 2 | 3 | 30 | 3 | B | | 36 | 101 | 109 | .8 | <10 | 10 | 910 | |
| S9218076 | 96105 | | +10150 | +10125 | 1 | 1 | 2 | 2 | 29 | 2 | 2 | 2 | 10 | 3 | B | | 8 | 119 | 94 | .4 | <10 | 10 | 1043 | |
| S9218077 | 96106 | | +10150 | +10150 | 1 | 1 | 4 | 2 | 19 | 3 | 3 | 1 | 25 | 3 | B | | 38 | 171 | 78 | <.4 | <10 | 10 | 1075 | |
| S9218078 | 96107 | | +10150 | +10175 | 1 | 1 | 2 | 2 | 19 | 3 | 3 | 2 | 10 | 3 | B | | 20 | 193 | 189 | <.4 | <10 | 10 | 906 | |
| S9218079 | 96108 | | +10150 | +10200 | 1 | 1 | 4 | 2 | 39 | 3 | 2 | 1 | 20 | 3 | C | | 14 | 421 | 193 | 1.1 | <10 | 10 | 689 | |
| S9218080 | 96109 | | +10150 | +10225 | 1 | 1 | 4 | 2 | 86 | 4 | 2 | 1 | 15 | 3 | B | | 49 | 263 | 146 | .7 | <10 | 10 | 1241 | |
| S9218081 | 96110 | | +10150 | +10250 | 1 | 1 | 2 | 2 | 19 | 2 | 2 | 1 | 15 | 3 | B | | 29 | 619 | 155 | .5 | <10 | 10 | 1143 | |
| S9218082 | 96111 | | +10150 | +10275 | 1 | 1 | 4 | 2 | 86 | 3 | 2 | 1 | 25 | 3 | B | | 40 | 202 | 201 | <.4 | <10 | 10 | 1500 | |
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| S9218084 | 96113 | | +10150 | +10325 | 1 | 1 | 2 | 2 | 29 | 2 | 3 | 1 | 10 | 2 | B | | 34 | 278 | 114 | <.4 | <10 | 10 | 918 | |
| S9218085 | 96114 | | +10150 | +10350 | 1 | 1 | 2 | 2 | 28 | 3 | 3 | 2 | 15 | 3 | B | | 22 | 63 | 124 | <.4 | <10 | 10 | 1367 | |
| S9218086 | 96115 | | +10150 | +10375 | 1 | 1 | 4 | 2 | 36 | 3 | 3 | 1 | 15 | 3 | B | | 32 | 26 | 84 | .4 | <10 | 10 | 1310 | |
| S9218087 | 96116 | | +10150 | +10400 | 1 | 1 | 4 | 2 | 36 | 5 | 3 | 2 | 15 | 3 | C | | 32 | 18 | 130 | <.4 | 15 | 10 | 1450 | |
| S9218088 | 96117 | | +10150 | +10425 | 1 | 1 | 2 | 2 | 28 | 4 | 3 | 1 | 20 | 3 | B | | 16 | 8 | 102 | <.4 | <10 | 10 | 1645 | |
| S9218089 | 96118 | | +10150 | +10450 | 1 | 1 | 2 | 2 | 36 | 5 | 3 | 1 | 20 | 4 | B | | 18 | 16 | 126 | .4 | <10 | 10 | 876 | |
| S9218090 | 96119 | | +10150 | +10475 | 1 | 1 | 4 | 2 | 36 | 3 | 3 | 1 | 25 | 3 | B | | 49 | 33 | 87 | .6 | 20 | 10 | 2112 | |
| S9218091 | 96120 | | +10150 | +10500 | 1 | 1 | 2 | 2 | 38 | 3 | 3 | 1 | 15 | 3 | B | | 16 | 17 | 88 | <.4 | <10 | 10 | 1195 | |
| S9218092 | 96140 | | +9750 | +10000 | 1 | 1 | 2 | 2 | 19 | 2 | 1 | 1 | 20 | 3 | C | | 24 | 318 | 101 | <.4 | 20 | 10 | 1075 | |
| S9218093 | 96141 | | +9750 | +10025 | 1 | 1 | 4 | 2 | 88 | 3 | 2 | 1 | 30 | 3 | C | | 22 | 233 | 131 | .5 | <10 | 10 | 1166 | |
| S9218094 | 96142 | | +9750 | +10050 | 1 | 1 | 4 | 2 | 38 | 2 | 1 | 1 | 30 | 3 | C | | 13 | 128 | 276 | <.4 | <10 | 10 | 969 | |
| S9218095 | 96143 | | +9750 | +10075 | 1 | 1 | 4 | 2 | 28 | 2 | 1 | 2 | 30 | 3 | C | | 12 | 211 | 246 | .7 | <10 | 10 | 917 | |
| S9218096 | 96144 | | +9750 | +10100 | 1 | 1 | 4 | 2 | 28 | 2 | 1 | 1 | 30 | 3 | C | | 23 | 291 | 168 | <.4 | <10 | 10 | 1108 | |
| S9218097 | 96145 | | +9750 | +10125 | 1 | 1 | 4 | 2 | 88 | 3 | 1 | 1 | 30 | 3 | C | | 35 | 1240 | 491 | .7 | <10 | 10 | 985 | |
| S9218098 | 96146 | | +9750 | +10150 | 1 | 1 | 4 | 2 | 28 | 3 | 2 | 1 | 30 | 3 | C | | 23 | 705 | 364 | <.4 | <10 | 10 | 938 | |
| S9218099 | 96147 | | +9750 | +10175 | 1 | 1 | 4 | 2 | 28 | 2 | 2 | 1 | 30 | 3 | C | | 27 | 33 | 101 | <.4 | <10 | 10 | 3101 | |
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| S9218101 | 96149 | | +9750 | +10225 | 1 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 2 | B | | 8 | 47 | 84 | .6 | <10 | 10 | 1476 | |
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| S9218103 | 96151 | | +9750 | +10275 | 1 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 25 | 3 | B | | 41 | 87 | 120 | <.4 | <10 | 10 | 1587 | |

| LAB | FIELD | | | | | | | | | | | D | W | F | Cu | Pb | Zn | Ag | Au | WT Au | Ba | | | |
|----------|-------|----------|-------|--------|---|---|---|---|-----|----|----|---|----|---|----|----|----|-----|------|-------|-----|------|------|------|
| NUMBER | NO | MAP ZONE | EAST | NORTH | # | M | O | S | COL | SZ | OR | W | C | S | H | P | PH | PPM | PPM | PPM | PPM | PPB | GRAM | PPM |
| S9218104 | 96152 | | +9750 | +10300 | 1 | 1 | 4 | 2 | 26 | 3 | 2 | 1 | 25 | 2 | C | | | 38 | 155 | 167 | .4 | 20 | 10 | 1592 |
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| S9218106 | 96154 | | +9750 | +10350 | 1 | 1 | 4 | 2 | 2B | 3 | 2 | 1 | 20 | 4 | B | | | 13 | 51 | 101 | .4 | (10) | 10 | 1395 |
| S9218107 | 96155 | | +9750 | +10375 | 1 | 1 | 2 | 2 | 36 | 3 | 3 | 1 | 15 | 4 | B | | | 16 | 7 | 73 | .4 | (10) | 10 | 987 |
| S9218108 | 96156 | | +9750 | +10400 | 1 | 1 | 4 | 2 | 16 | 3 | 3 | 1 | 10 | 4 | C | | | 18 | 16 | 95 | .4 | (10) | 10 | 1809 |
| S9218109 | 96157 | | +9750 | +10425 | 1 | 1 | 4 | 2 | 16 | 3 | 2 | 1 | 25 | 4 | C | | | 22 | 14 | 57 | .6 | (10) | 10 | 2589 |
| S9218110 | 96158 | | +9750 | +10450 | 1 | 1 | 4 | 2 | 36 | 2 | 2 | 1 | 30 | 2 | C | | | 56 | 18 | 156 | .4 | (10) | 10 | 2584 |
| S9218111 | 96159 | | +9750 | +10475 | 1 | 1 | 4 | 2 | 36 | 3 | 2 | 1 | 20 | 3 | C | | | 58 | 15 | 183 | .5 | (10) | 10 | 1852 |
| S9218112 | 96160 | | +9750 | +10500 | 1 | 1 | 4 | 2 | 26 | 3 | 1 | 2 | 20 | 2 | C | | | 12 | 13 | 99 | .4 | (10) | 10 | 1653 |
| S9218113 | 96161 | | +9650 | +10000 | 1 | 1 | 4 | 2 | 16 | 2 | 2 | 1 | 20 | 2 | C | | | 67 | 467 | 492 | .4 | (10) | 10 | 1327 |
| S9218114 | 96162 | | +9650 | +10025 | 1 | 1 | 4 | 2 | 18 | 2 | 1 | 1 | 30 | 3 | C | | | 33 | 214 | 75 | .4 | (10) | 10 | 1220 |
| S9218115 | 96163 | | +9650 | +10050 | 1 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 2 | B | | | 17 | 182 | 89 | .5 | 20 | 10 | 1283 |
| S9218116 | 96164 | | +9650 | +10075 | 1 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 3 | B | | | 26 | 236 | 147 | .4 | (10) | 10 | 1389 |
| S9218117 | 96165 | | +9650 | +10100 | 1 | 1 | 2 | 2 | 3B | 2 | 2 | 1 | 30 | 2 | B | | | 37 | 970 | 234 | .6 | (10) | 10 | 1100 |
| S9218118 | 96166 | | +9650 | +10125 | 1 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 2 | B | | | 10 | 465 | 140 | .7 | (10) | 10 | 995 |
| S9218119 | 96167 | | +9650 | +10150 | 1 | 1 | 4 | 2 | 18 | 2 | 2 | 1 | 30 | 3 | C | | | 14 | 727 | 217 | .9 | (10) | 10 | 1002 |
| S9218120 | 96168 | | +9650 | +10175 | 1 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 3 | B | | | 13 | 921 | 457 | .9 | (10) | 10 | 706 |
| S9218121 | 96169 | | +9650 | +10200 | 1 | 1 | 2 | 2 | 16 | 2 | 2 | 2 | 30 | 2 | B | | | 2 | 62 | 46 | .4 | (10) | 10 | 1029 |
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| S9218125 | 96173 | | +9650 | +10300 | 1 | 1 | 4 | 2 | 16 | 2 | 2 | 1 | 30 | 2 | C | | | 32 | 45 | 174 | .4 | (10) | 10 | 1606 |
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| S9218132 | 96180 | | +9650 | +10475 | 1 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 20 | 3 | B | | | 33 | 30 | 105 | .5 | (10) | 10 | 1547 |
| S9218133 | 96181 | | +9650 | +10500 | 1 | 1 | 2 | 2 | 36 | 2 | 3 | 1 | 30 | 3 | B | | | 31 | 30 | 74 | .4 | (10) | 10 | 1475 |
| S9218134 | 96182 | | +9400 | +10000 | 1 | 1 | 4 | 2 | 18 | 2 | 1 | 1 | 20 | 2 | C | | | 19 | 62 | 64 | .4 | (10) | 10 | 1299 |
| S9218135 | 96183 | | +9400 | +10025 | 1 | 1 | 2 | 2 | 16 | 3 | 3 | 1 | 20 | 1 | B | | | 9 | 15 | 44 | .4 | (10) | 10 | 930 |
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| S9218138 | 96186 | | +9400 | +10100 | 1 | 1 | 4 | 2 | 18 | 2 | 2 | 1 | 40 | 2 | C | | | 16 | 62 | 107 | .4 | (10) | 10 | 1059 |
| S9218139 | 96187 | | +9400 | +10125 | 1 | 1 | 4 | 2 | 23 | 2 | 2 | 1 | 30 | 3 | C | | | 21 | 556 | 166 | .4 | 62 | 10 | 1280 |

| LAB NUMBER | FIELD NO | MAP ZONE | EAST | NORTH | # | M | O | S | CO | SZ | OR | D | W | F | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Au PPM | Wt Au GRAM | Ba PPM | |
|------------|----------|----------|--------|--------|---|---|---|---|----|----|----|---|----|---|--------|--------|--------|--------|--------|------------|--------|------|
| | | | | | | | | | | | | | | | | | | | | | | H |
| S9218140 | 96188 | | +9400 | +10150 | 1 | 1 | 4 | 2 | 2B | 3 | 2 | 1 | 30 | J | C | 8 | 272 | 190 | .4 | (10 | 10 | 733 |
| S9218141 | 96189 | | +9400 | +10175 | 1 | 1 | 4 | 2 | 2B | 2 | 1 | 1 | 25 | J | C | 8 | 342 | 111 | .4 | (10 | 10 | 649 |
| S9218142 | 96190 | | +9400 | +10200 | 1 | 1 | 2 | 2 | 2G | 3 | 1 | 1 | 30 | J | B | 6 | 77 | 63 | .4 | (10 | 10 | 1031 |
| S9218143 | 96191 | | +9400 | +10225 | 1 | 1 | 2 | 2 | 1G | 2 | 1 | 1 | 20 | J | B | 38 | 171 | 209 | (.4 | (10 | 10 | 1424 |
| S9218144 | 96192 | | +9400 | +10250 | 1 | 1 | 4 | 2 | 3G | 2 | 2 | 1 | 30 | J | C | 16 | 41 | 104 | .4 | (10 | 10 | 1355 |
| S9218145 | 96193 | | +9400 | +10275 | 1 | 1 | 2 | 2 | 2B | 2 | 1 | 1 | 20 | J | B | 14 | 31 | 77 | .6 | (10 | 10 | 1361 |
| S9218146 | 96194 | | +9400 | +10300 | 1 | 1 | 4 | 2 | 1G | 2 | 1 | 1 | 25 | J | C | 11 | 25 | 48 | (.4 | (10 | 10 | 1560 |
| S9218147 | 96195 | | +9400 | +10325 | 1 | 1 | 2 | 2 | 2B | 3 | 1 | 1 | 20 | J | B | 13 | 19 | 72 | .4 | (10 | 10 | 1426 |
| S9218148 | 96196 | | +9400 | +10350 | 1 | 1 | 4 | 2 | 2B | 3 | 1 | 2 | 30 | J | C | 14 | 29 | 85 | .4 | (10 | 10 | 1519 |
| S9218149 | 96197 | | +9400 | +10375 | 1 | 1 | 2 | 2 | 1G | 2 | 1 | 1 | 30 | J | B | 26 | 42 | 82 | .5 | (10 | 10 | 1385 |
| S9218150 | 96198 | | +9400 | +10400 | 1 | 1 | 4 | 2 | 2G | 2 | 1 | 1 | 30 | J | C | 38 | 45 | 107 | .6 | (10 | 10 | 1697 |
| S9218151 | 96199 | | +9400 | +10425 | 1 | 1 | 4 | 2 | 1G | 2 | 1 | 1 | 20 | J | C | 16 | 31 | 69 | (.4 | (10 | 10 | 1280 |
| S9218152 | 96200 | | +9400 | +10450 | 1 | 1 | 2 | 2 | 2G | 2 | 1 | 1 | 20 | J | B | 6 | 19 | 77 | (.4 | (10 | 10 | 1022 |
| S9218153 | 96201 | | +9400 | +10475 | 1 | 1 | 2 | 3 | K | 5 | 3 | 3 | 50 | J | B | 37 | 29 | 136 | .8 | (10 | 10 | 1044 |
| S9218154 | 96202 | | +9400 | +10500 | 1 | 1 | 4 | 2 | 1G | 2 | 1 | 1 | 30 | J | C | 41 | 29 | 180 | .5 | (10 | 10 | 1202 |
| S9218173 | 197075 | | +10050 | +10000 | 2 | 1 | 2 | 2 | 1G | 2 | 1 | 1 | 30 | J | B | 27 | 188 | 175 | .6 | 15 | 10 | 978 |
| S9218174 | 197076 | | +10050 | +10025 | 2 | 1 | 2 | 2 | 2B | 1 | 1 | 1 | 30 | J | B | 19 | 39 | 126 | .6 | (10 | 10 | 975 |
| S9218175 | 197077 | | +10050 | +10050 | 2 | 1 | 2 | 2 | 2B | 2 | 1 | 1 | 30 | J | B | 25 | 76 | 113 | .5 | (10 | 10 | 987 |
| S9218176 | 197078 | | +10050 | +10075 | 2 | 1 | 2 | 2 | 2B | 2 | 1 | 1 | 30 | J | B | 14 | 20 | 96 | .5 | (10 | 10 | 917 |
| S9218177 | 197079 | | +10050 | +10100 | 2 | 1 | 2 | 2 | 2B | 2 | 1 | 1 | 30 | J | B | 23 | 104 | 113 | .5 | (10 | 10 | 1019 |
| S9218178 | 197080 | | +10050 | +10125 | 2 | 1 | 2 | 2 | 2G | 2 | 1 | 1 | 30 | J | B | 29 | 782 | 306 | .7 | (10 | 10 | 1327 |
| S9218179 | 197081 | | +10050 | +10150 | 2 | 1 | 2 | 2 | 2B | 2 | 1 | 1 | 30 | J | B | 19 | 313 | 90 | (.4 | (10 | 10 | 1113 |
| S9218180 | 197082 | | +10050 | +10175 | 2 | 1 | 2 | 2 | 2B | 1 | 1 | 1 | 30 | J | B | 19 | 302 | 117 | .6 | (10 | 10 | 974 |
| S9218181 | 197083 | | +10050 | +10200 | 2 | 1 | 2 | 2 | 1B | 1 | 1 | 1 | 30 | J | B | 23 | 433 | 194 | .6 | (10 | 10 | 1128 |
| S9218182 | 197084 | | +10050 | +10225 | 2 | 1 | 2 | 2 | 2G | 2 | 2 | 1 | 30 | J | B | 29 | 362 | 175 | .6 | (10 | 10 | 1019 |
| S9218183 | 197085 | | +10050 | +10250 | 2 | 1 | 2 | 2 | 1B | 2 | 1 | 1 | 30 | J | B | 45 | 613 | 320 | .4 | (10 | 10 | 1349 |
| S9218184 | 197086 | | +10050 | +10275 | 2 | 1 | 2 | 2 | 1G | 2 | 1 | 1 | 30 | J | B | 23 | 282 | 137 | .9 | (10 | 10 | 1041 |
| S9218185 | 197087 | | +10050 | +10300 | 2 | 1 | 2 | 2 | 2G | 2 | 1 | 1 | 30 | J | B | 36 | 187 | 132 | .9 | (10 | 10 | 1316 |
| S9218186 | 197088 | | +10050 | +10325 | 2 | 1 | 2 | 2 | 1G | 2 | 1 | 2 | 30 | J | B | 24 | 143 | 108 | .5 | (10 | 10 | 1338 |
| S9218187 | 197089 | | +10050 | +10350 | 2 | 1 | 2 | 2 | 1G | 2 | 1 | 1 | 30 | J | B | 29 | 118 | 129 | .4 | (10 | 10 | 1701 |
| S9218188 | 197090 | | +10050 | +10375 | 2 | 1 | 2 | 2 | 3G | 2 | 1 | 1 | 30 | J | B | 41 | 197 | 136 | .8 | (10 | 10 | 1567 |
| S9218189 | 197091 | | +10050 | +10400 | 2 | 1 | 2 | 2 | 3G | 2 | 1 | 1 | 30 | J | B | 42 | 60 | 112 | .6 | 60 | 10 | 1 |
| S9218190 | 197092 | | +10050 | +10425 | 2 | 1 | 4 | 2 | 3G | 2 | 2 | 2 | 30 | J | C | 29 | 38 | 93 | .5 | (10 | 10 | 1008 |
| S9218191 | 197093 | | +10050 | +10450 | 2 | 1 | 4 | 2 | 3B | 2 | 1 | 1 | 30 | J | C | 26 | 28 | 131 | (.4 | (10 | 10 | 1274 |
| S9218192 | 197094 | | +10050 | +10475 | 2 | 1 | 4 | 2 | 3B | 2 | 1 | 1 | 30 | J | C | 20 | 28 | 211 | .4 | (10 | 10 | 1466 |
| S9218193 | 197095 | | +10050 | +10500 | 2 | 1 | 4 | 2 | 1B | 4 | 1 | 1 | 30 | J | C | 16 | 29 | 115 | (.4 | (10 | 10 | 1189 |

| LAB NUMBER | FIELD NO | MAP ZONE | EAST | NORTH | # | N | O | S | COL | SZ | OR | M | CR | S | H | P | PH | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Au PPB | Ht Au GRAM | Ba PPM |
|------------|----------|----------|-------|--------|---|---|---|---|-----|----|----|---|----|---|---|---|----|--------|--------|--------|--------|--------|------------|--------|
| S9218194 | 197096 | | +9950 | +10000 | 2 | 1 | 4 | 2 | 2B | 2 | 3 | 1 | 10 | 3 | C | | | 27 | 66 | 130 | 4.4 | 110 | 10 | 868 |
| S9218195 | 197097 | | +9950 | +10025 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 30 | 3 | C | | | 15 | 46 | 178 | 4.4 | 110 | 10 | 880 |
| S9218196 | 197098 | | +9950 | +10050 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 30 | 2 | C | | | 14 | 62 | 75 | 4.4 | 110 | 10 | 887 |
| S9218197 | 197099 | | +9950 | +10075 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 30 | 2 | C | | | 24 | 158 | 132 | .4 | 110 | 10 | 895 |
| S9218198 | 197100 | | +9950 | +10100 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 30 | 2 | C | | | 19 | 163 | 122 | .7 | 110 | 10 | 874 |
| S9218199 | 197101 | | +9950 | +10125 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 30 | 2 | C | | | 16 | 276 | 111 | .5 | 110 | 10 | 1014 |
| S9218200 | 197102 | | +9950 | +10150 | 2 | 1 | 4 | 2 | 1B | 3 | 2 | 1 | 30 | 2 | C | | | 6 | 262 | 64 | 4.4 | 110 | 10 | 800 |
| S9218201 | 197103 | | +9950 | +10175 | 2 | 1 | 4 | 2 | BG | 1 | 2 | 1 | 30 | 2 | C | | | 5 | 110 | 47 | .4 | 110 | 10 | 1348 |
| S9218202 | 197104 | | +9950 | +10200 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 30 | 2 | C | | | 25 | 501 | 88 | 4.4 | 110 | 10 | 1158 |
| S9218203 | 197105 | | +9950 | +10225 | 2 | 1 | 2 | 2 | 1B | 2 | 3 | 1 | 30 | 2 | B | | | 14 | 519 | 84 | .5 | 110 | 10 | 938 |
| S9218204 | 197106 | | +9950 | +10250 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 10 | 3 | C | | | 9 | 131 | 86 | 4.4 | 110 | 10 | 927 |
| S9218205 | 197107 | | +9950 | +10275 | 2 | 1 | 2 | 2 | 1B | 1 | 3 | 1 | 10 | 3 | B | | | 3 | 54 | 76 | 4.4 | 110 | 10 | 819 |
| S9218206 | 197108 | | +9950 | +10300 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 30 | 3 | B | | | 15 | 158 | 139 | .5 | 15 | 10 | 1260 |
| S9218207 | 197109 | | +9950 | +10325 | 2 | 1 | 2 | 2 | 3G | 3 | 2 | 1 | 30 | 3 | B | | | 36 | 648 | 293 | .9 | 10 | 10 | 1594 |
| S9218208 | 197110 | | +9950 | +10350 | 2 | 1 | 2 | 2 | 1B | 2 | 2 | 1 | 30 | 3 | B | | | 25 | 207 | 106 | 4.4 | 110 | 10 | 1614 |
| S9218209 | 197111 | | +9950 | +10375 | 2 | 1 | 2 | 2 | 3G | 3 | 2 | 2 | 30 | 2 | B | | | 35 | 93 | 98 | .8 | 110 | 10 | 1175 |
| S9218210 | 197112 | | +9950 | +10400 | 2 | 1 | 2 | 2 | 3G | 2 | 2 | 2 | 30 | 2 | B | | | 46 | 257 | 131 | .6 | 110 | 10 | 1245 |
| S9218211 | 197113 | | +9950 | +10425 | 2 | 1 | 2 | 2 | 3G | 3 | 2 | 2 | 30 | 2 | B | | | 34 | 143 | 273 | 1 | 110 | 10 | 1338 |
| S9218212 | 197114 | | +9950 | +10450 | 2 | 1 | 4 | 2 | 2B | 3 | 3 | 1 | 30 | 2 | B | | | 24 | 74 | 113 | .5 | 110 | 10 | 1387 |
| S9218213 | 197115 | | +9950 | +10475 | 2 | 1 | 4 | 2 | 3G | 3 | 2 | 1 | 30 | 3 | B | | | 39 | 51 | 123 | .9 | 110 | 10 | 1352 |
| S9218214 | 197116 | | +9950 | +10500 | 2 | 1 | 2 | 2 | 3B | 3 | 3 | 3 | 30 | 3 | B | | | 18 | 46 | 97 | .4 | 110 | 10 | 1145 |
| S9218215 | 197117 | | +9850 | +10000 | 2 | 1 | 2 | 2 | 1B | 2 | 2 | 1 | 30 | 3 | B | | | 13 | 101 | 70 | 4.4 | 15 | 10 | 1150 |
| S9218216 | 197118 | | +9850 | +10025 | 2 | 1 | 2 | 2 | 3B | 1 | 2 | 1 | 30 | 2 | B | | | 4 | 27 | 29 | 4.4 | 110 | 10 | 1087 |
| S9218217 | 197119 | | +9850 | +10050 | 2 | 1 | 2 | 2 | 2B | 2 | 2 | 1 | 30 | 2 | B | | | 9 | 26 | 72 | .4 | 110 | 10 | 939 |
| S9218218 | 197120 | | +9850 | +10075 | 2 | 1 | 2 | 2 | R | 2 | 2 | 1 | 40 | 3 | B | | | 10 | 119 | 201 | .6 | 110 | 10 | 188 |
| S9218219 | 197121 | | +9850 | +10100 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 30 | 2 | C | | | 18 | 394 | 157 | .5 | 15 | 10 | 1008 |
| S9218220 | 197122 | | +9850 | +10125 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 30 | 3 | C | | | 3 | 481 | 309 | 4.4 | 110 | 10 | 251 |
| S9218221 | 197123 | | +9850 | +10150 | 2 | 1 | 4 | 2 | R | 2 | 2 | 1 | 30 | 2 | C | | | 5 | 355 | 188 | 4.4 | 110 | 10 | 322 |
| S9218222 | 197124 | | +9850 | +10175 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 30 | 2 | C | | | 16 | 731 | 139 | .6 | 110 | 10 | 836 |
| S9218223 | 197125 | | +9850 | +10200 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 30 | 3 | C | | | 26 | 323 | 114 | 4.4 | 38 | 10 | 1709 |
| S9218224 | 197126 | | +9850 | +10225 | 2 | 1 | 4 | 2 | R | 1 | 2 | 1 | 35 | 2 | C | | | 8 | 97 | 136 | .4 | 110 | 10 | 1137 |
| S9218225 | 197127 | | +9850 | +10250 | 2 | 1 | 4 | 2 | 1B | 2 | 2 | 1 | 30 | 2 | C | | | 20 | 601 | 413 | .4 | 110 | 10 | 1496 |
| S9218226 | 197128 | | +9850 | +10275 | 2 | 1 | 2 | 2 | 1B | 2 | 2 | 1 | 35 | 2 | B | | | 12 | 292 | 237 | 4.4 | 110 | 10 | 864 |
| S9218227 | 197129 | | +9850 | +10300 | 2 | 1 | 4 | 2 | R | 2 | 2 | 1 | 35 | 2 | C | | | 14 | 229 | 226 | .4 | 110 | 10 | 1789 |
| S9218228 | 197130 | | +9850 | +10325 | 2 | 1 | 4 | 2 | 1B | 1 | 2 | 1 | 20 | 3 | C | | | 21 | 66 | 100 | .5 | 110 | 10 | 2817 |
| S9218229 | 197131 | | +9850 | +10350 | 2 | 1 | 2 | 2 | 1B | 2 | 2 | 2 | 40 | 2 | B | | | 42 | 220 | 141 | .8 | 110 | 10 | 1782 |

| LAB NUMBER | FIELD NO | MAP ZONE | EAST | NORTH | # | M | O | S | CON | SZ | OR | W | cm | S | H | P | eH | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Au PPM | Mt Au GRAM | Ba PPM |
|------------|----------|----------|-------|--------|---|---|---|---|-----|----|----|---|----|----|---|---|----|--------|--------|--------|--------|--------|------------|--------|
| S9218230 | 197132 | | +9850 | +10375 | 2 | 1 | 2 | 2 | 16 | 1 | 2 | 1 | 35 | 2 | B | | 42 | 139 | 103 | .4 | (10 | 10 | 1546 | |
| S9218231 | 197133 | | +9850 | +10400 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 2 | 30 | 2 | B | | 36 | 108 | 114 | .7 | (10 | 10 | 1227 | |
| S9218232 | 197134 | | +9850 | +10425 | 2 | 1 | 2 | 3 | 36 | 2 | 2 | 2 | 30 | 2 | B | | 39 | 119 | 106 | .7 | (10 | 10 | 1403 | |
| S9218233 | 197135 | | +9850 | +10450 | 2 | 1 | 4 | 2 | K | 2 | 2 | 2 | 1 | 30 | 3 | C | | 21 | 23 | 101 | (.4 | (10 | 10 | 964 |
| S9218234 | 197136 | | +9850 | +10475 | 2 | 1 | 4 | 2 | K | 1 | 2 | 1 | 1 | 30 | 4 | C | | 19 | 15 | 62 | .6 | (10 | 10 | 619 |
| S9218235 | 197137 | | +9850 | +10500 | 2 | 1 | 4 | 2 | K | 2 | 2 | 2 | 1 | 30 | 4 | C | | 24 | 14 | 102 | (.4 | (10 | 10 | 1276 |
| S9218236 | 197138 | | +9550 | +10000 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 20 | 2 | B | | 36 | 53 | 100 | .5 | (10 | 10 | 864 | |
| S9218237 | 197139 | | +9550 | +10025 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 3 | B | | 23 | 117 | 109 | .6 | (10 | 10 | 963 | |
| S9218238 | 197140 | | +9550 | +10050 | 2 | 1 | 2 | 2 | 18 | 1 | 2 | 1 | 30 | 3 | B | | 17 | 277 | 91 | .5 | 19 | 10 | 882 | |
| S9218239 | 197141 | | +9550 | +10075 | 2 | 1 | 2 | 4 | 16 | 1 | 2 | 2 | 30 | 3 | B | | 14 | 54 | 63 | .4 | 28 | 10 | 1052 | |
| S9218240 | 197142 | | +9550 | +10100 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 1 | R | | 14 | 74 | 101 | (.4 | (10 | 10 | 979 | |
| S9218241 | 197143 | | +9550 | +10125 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 20 | 3 | B | | 30 | 408 | 179 | .4 | (10 | 10 | 1272 | |
| S9218242 | 197144 | | +9550 | +10150 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 3 | B | | 52 | 424 | 299 | .9 | (10 | 10 | 1502 | |
| S9218243 | 197145 | | +9550 | +10175 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 2 | B | | 20 | 409 | 174 | .6 | (10 | 10 | 964 | |
| S9218244 | 197146 | | +9550 | +10200 | 2 | 1 | 2 | 2 | 28 | 2 | 2 | 1 | 30 | 3 | B | | 48 | 4520 | 537 | 2.9 | 20 | 10 | 1027 | |
| S9218245 | 197147 | | +9550 | +10225 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 1 | 30 | 3 | B | | 30 | 156 | 140 | .4 | 15 | 10 | 1258 | |
| S9218246 | 197148 | | +9550 | +10250 | 2 | 1 | 2 | 3 | 36 | 2 | 3 | 2 | 40 | 2 | B | | 20 | 179 | 389 | 1.0 | (10 | 10 | 1051 | |
| S9218247 | 197149 | | +9550 | +10275 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 3 | B | | 12 | 135 | 90 | .5 | (10 | 10 | 1121 | |
| S9218248 | 197150 | | +9550 | +10300 | 2 | 1 | 2 | 2 | 86 | 2 | 2 | 1 | 30 | 3 | B | | 20 | 39 | 87 | .4 | (10 | 10 | 1348 | |
| S9218249 | 197151 | | +9550 | +10325 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 2 | B | | 30 | 41 | 111 | (.4 | (10 | 10 | 1625 | |
| S9218250 | 197152 | | +9550 | +10350 | 2 | 1 | 2 | 2 | 26 | 2 | 2 | 2 | 30 | 2 | B | | 14 | 62 | 84 | .5 | (10 | 10 | 1601 | |
| S9218251 | 197153 | | +9550 | +10375 | 2 | 1 | 2 | 2 | 18 | 2 | 2 | 1 | 30 | 2 | B | | 21 | 23 | 97 | .6 | (10 | 10 | 1835 | |
| S9218252 | 197154 | | +9550 | +10400 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 1 | 30 | 2 | B | | 23 | 24 | 75 | (.4 | (10 | 10 | 1565 | |
| S9218253 | 197155 | | +9550 | +10425 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 2 | 30 | 2 | B | | 24 | 64 | 103 | (.4 | (10 | 10 | 1437 | |
| S9218254 | 197156 | | +9550 | +10450 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 3 | B | | 18 | 28 | 67 | (.4 | (10 | 10 | 1286 | |
| S9218255 | 197157 | | +9550 | +10475 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 3 | B | | 40 | 51 | 130 | .5 | (10 | 10 | 1780 | |
| S9218256 | 197158 | | +9550 | +10500 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 1 | 30 | 3 | B | | 18 | 15 | 83 | .5 | (10 | 10 | 1636 | |
| S9218257 | 197159 | | +9450 | +10000 | 2 | 1 | 2 | 2 | 16 | 2 | 3 | 2 | 20 | 3 | B | | 6 | 27 | 33 | (.4 | (10 | 10 | 798 | |
| S9218258 | 197160 | | +9450 | +10025 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 1 | 30 | 3 | B | | 8 | 281 | 92 | (.4 | (10 | 10 | 974 | |
| S9218259 | 197161 | | +9450 | +10050 | 2 | 1 | 2 | 3 | 36 | 2 | 2 | 2 | 30 | 2 | B | | 30 | 157 | 118 | .4 | (10 | 10 | 1334 | |
| S9218260 | 197162 | | +9450 | +10075 | 2 | 1 | 2 | 3 | 36 | 2 | 2 | 2 | 40 | 2 | B | | 17 | 157 | 428 | 1.1 | (10 | 10 | 1039 | |
| S9218261 | 197163 | | +9450 | +10100 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 2 | 30 | 3 | B | | 17 | 254 | 194 | 1.4 | 15 | 10 | 1928 | |
| S9218262 | 197164 | | +9450 | +10125 | 2 | 1 | 2 | 2 | 28 | 2 | 2 | 2 | 30 | 2 | B | | 17 | 177 | 179 | .6 | (10 | 10 | 1049 | |
| S9218263 | 197165 | | +9450 | +10150 | 2 | 1 | 2 | 2 | 19 | 2 | 2 | 1 | 30 | 2 | B | | 43 | 818 | 206 | .7 | (10 | 10 | 1166 | |
| S9218264 | 197166 | | +9450 | +10175 | 2 | 1 | 2 | 3 | 36 | 2 | 2 | 2 | 30 | 2 | B | | 14 | 184 | 91 | .4 | 30 | 10 | 1189 | |
| S9218265 | 197167 | | +9450 | +10200 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 2 | 30 | 3 | B | | 21 | 348 | 243 | 1.1 | (10 | 10 | 1008 | |

| LAB NUMBER | FIELD NO | MAP ZONE | EAST | NORTH | # | M | D | S | COL | SZ | OR | M | CR | S | H | P | H | Cu | Pb | Zn | Ag | Au | Wt Au | Ba |
|------------|----------|----------|-------|--------|---|---|---|---|-----|----|----|---|----|---|---|---|---|-----|-----|-----|-----|-----|-------|------|
| | | | | | | | | | | | | | | | | | | PPM | PPM | PPM | PPM | PPB | GRAM | PPM |
| S9218266 | 197168 | | +9450 | +10225 | 2 | 1 | 2 | 2 | 26 | 2 | 2 | 2 | 30 | 3 | B | | | 26 | 422 | 175 | 1.4 | 15 | 10 | 1393 |
| S9218267 | 197169 | | +9450 | +10250 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 1 | 30 | 3 | B | | | 18 | 68 | 110 | 1.4 | 10 | 10 | 1474 |
| S9218268 | 197170 | | +9450 | +10275 | 2 | 1 | 2 | 2 | R | 2 | 2 | 1 | 30 | 3 | B | | | 53 | 38 | 97 | .4 | 10 | 10 | 1675 |
| S9218269 | 197171 | | +9450 | +10300 | 2 | 1 | 2 | 2 | 28 | 2 | 2 | 1 | 30 | 3 | B | | | 21 | 29 | 90 | .6 | 10 | 10 | 1603 |
| S9218270 | 197172 | | +9450 | +10325 | 2 | 1 | 4 | 2 | 18 | 2 | 2 | 1 | 30 | 2 | C | | | 19 | 19 | 69 | .7 | 10 | 10 | 1661 |
| S9218271 | 197173 | | +9450 | +10350 | 2 | 1 | 4 | 2 | 18 | 2 | 2 | 1 | 30 | 2 | C | | | 33 | 33 | 100 | .4 | 10 | 10 | 1466 |
| S9218272 | 197174 | | +9450 | +10375 | 2 | 1 | 2 | 2 | 16 | 2 | 2 | 2 | 30 | 2 | B | | | 32 | 31 | 82 | 1.4 | 10 | 10 | 1120 |
| S9218273 | 197175 | | +9450 | +10400 | 2 | 1 | 2 | 2 | 26 | 2 | 2 | 1 | 30 | 3 | B | | | 7 | 21 | 41 | 1.4 | 10 | 10 | 1320 |
| S9218274 | 197176 | | +9450 | +10425 | 2 | 1 | 2 | 2 | 26 | 2 | 2 | 1 | 30 | 3 | B | | | 14 | 19 | 48 | 1.4 | 10 | 10 | 1499 |
| S9218275 | 197177 | | +9450 | +10450 | 2 | 1 | 2 | 2 | 36 | 2 | 2 | 1 | 30 | 2 | B | | | 22 | 32 | 110 | 1.4 | 10 | 10 | 1161 |
| S9218276 | 197178 | | +9450 | +10475 | 2 | 1 | 2 | 3 | 36 | 2 | 3 | 2 | 30 | 2 | B | | | 31 | 18 | 131 | .4 | 10 | 10 | 2392 |
| S9218277 | 197179 | | +9450 | +10500 | 2 | 1 | 2 | 2 | 36 | 2 | 3 | 3 | 30 | 2 | B | | | 40 | 26 | 139 | .4 | 10 | 10 | 1547 |

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Cu 20% HNO3 DECOMPOSITION / AAS

Pb 20% HNO3 DECOMPOSITION / AAS

Zn 20% HNO3 DECOMPOSITION / AAS

Ag 20% HNO3 DECOMPOSITION / AAS

Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS

Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

Ba X-RAY FLUORESCENCE / LOOSE POWDER

DOMINICA RECCE-WD

JOB V 92-0304R
 REPORT DATE 14 JUL 1992

| LAB NO | FIELD NUMBER | Cu PPM | Pb PPM | Zn PPM | Ag PPM | As PPM | Co PPM | Ni PPM | Fe % | Mn PPM | Ba(4) PPM |
|----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|--------------|
| R9208695 | DCR-39 | 34 | 1011 | 654 | 1.2 | 71 | 2 | 15 | 8.77 | 204 | 1639 |
| R9208696 | DCR-40 | E14550 | 136 | 270 | 3.6 | (2) | 158 | 13 | E24.61 | 915 | 1357 |
| R9208697 | DCR-41 | 6 | 4379 | 2123 | 3.0 | 5 | (1) | 51 | 1.53 | 392 | 187 |
| R9208698 | DCR-42 | (1) | 1327 | 643 | (.4) | 2 | (1) | 43 | .86 | 463 | 99 |
| R9208699 | DCR-43 | (1) | 2749 | 890 | 1.9 | 15 | (1) | 89 | 1.66 | 693 | 136 |
| R9208700 | DCR-44 | (1) | 7809 | 2989 | 5.3 | 14 | (1) | 102 | 2.53 | 809 | 91 |
| R9208701 | DCR-45 | (1) | 1483 | 804 | 1.0 | 12 | (1) | 76 | 1.44 | 633 | 124 |
| R9208702 | DCR-46 | (1) | 4508 | 1837 | 3.1 | 8 | (1) | 88 | 1.93 | 691 | 54 |
| R9208703 | DCR-48 | (1) | 3720 | 1750 | 2.3 | 8 | (1) | 93 | 1.60 | 770 | 307 |
| R9208704 | DCR-49 | (1) | 1501 | 1067 | .9 | 12 | (1) | 91 | 1.47 | 789 | 69 |
| R9208705 | DCR-51 | (1) | 7155 | 2709 | 5.4 | 6 | 1 | 94 | 2.63 | 808 | 58 |
| R9208706 | DCR-52 | (1) | 3159 | 1356 | 1.9 | 9 | (1) | 96 | 1.93 | 685 | 123 |
| R9208707 | DCR-53 | (1) | E15550 | 5201 | 9.8 | 7 | 2 | 96 | 3.48 | 892 | 58 |
| R9208708 | DCR-54 | (1) | 7999 | 3289 | 5.3 | 5 | (1) | 71 | 1.88 | 583 | 30 |
| R9208709 | DCR-55 | (1) | 837 | 503 | .4 | 12 | (1) | 52 | 1.15 | 508 | 83 |
| R9208710 | DCR-56 | (1) | E10231 | 20 | 12.7 | 7 | (1) | 2 | 1.50 | 851 | (10) |
| R9208711 | DCR-57 | 11 | E16426 | 102 | 42.4 | 31 | 1 | 6 | 1.02 | 19 | (10) |
| R9208712 | DCR-58 | (1) | 9573 | 15 | 12.0 | 8 | (1) | 2 | 1.63 | 856 | (10) |

Boulder claims

I=INSUFFICIENT SAMPLE λ=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
 IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

- Cu AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Pb AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Zn AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Ag AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- As AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Co AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Ni AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Fe AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Mn AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Ba(4) X-RAY FLUORESCENCE / PRESSED PELLET

ABM

DOMINICA RECCE-WD

ROE & BOULDER CLAIMS

JOB V 92-0358R
REPORT DATE 17 JUL 1992

| LAB NO | FIELD NUMBER | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Au PPB | Wt Au GRAM | BA(4) PPM |
|----------|--------------|-----------|-----------|-----------|-----------|-----------|---------------|--------------|
| R9210093 | M92 R54 | 181 | 27 | 966 | <.4 | <10 | 5 | |
| R9210094 | M92 R55 | 52 | <4 | 90 | <.4 | <10 | 5 | |
| R9210095 | M92 R56 | 31 | 18 | 20 | <.4 | <10 | 5 | |
| R9210096 | M92 R57 | 14 | 23 | 47 | <.4 | 192 | 5 | |

*Billingco Que enlond.
ROE 1 pyrite seams
pyritic felsic tuff M.L. 8
Boulder 11-7-92
9950-10/75N*

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
IF REQUESTED ANALYSES ARE NOT SHOWN ,RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

- Cu AQUA REGIA DECOMPOSITION / AAS
- Pb AQUA REGIA DECOMPOSITION / AAS
- Zn AQUA REGIA DECOMPOSITION / AAS
- Ag AQUA REGIA DECOMPOSITION / AAS
- Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- Wt Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)
- BA(4) X-RAY FLUORESCENCE / PRESSED PELLET

OMINICA RECCE-WD

ABM

JOB 92-0304R

REPORT DATE 6 AUG 1992

| LAB NO | FIELD NUMBER | Cu PPM | Pb PPM | Zn PPM | Ag PPM | As PPM | Co PPM | Ni PPM | Fe % | Mn PPM | Au PPT | WT Au GRAM |
|----------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|---------------|
| R9208695 | DCR-39 | 34 | 1011 | 654 | 1.2 | 71 | 2 | 15 | 8.77 | 204 | | |
| R9208696 | DCR-40 | E14550 | 136 | 270 | 3.6 | 12 | 158 | 13 | E24.61 | 915 | | |
| R9208697 | DCR-41 | 6 | 4379 | 2123 | 3.0 | 5 | <1 | 51 | 1.53 | 392 | <10 | E |
| R9208698 | DCR-42 | <1 | 1327 | 643 | <1 | 2 | <1 | 43 | .86 | 463 | <10 | E |
| R9208699 | DCR-43 | <1 | 2749 | 880 | 1.9 | 13 | <1 | 89 | 1.66 | 693 | <10 | E |
| R9208700 | DCR-44 | <1 | 7809 | 2989 | 5.3 | 14 | <1 | 102 | 2.53 | 809 | <10 | E |
| R9208701 | DCR-45 | <1 | 1483 | 804 | 1.0 | 12 | <1 | 76 | 1.44 | 633 | <10 | E |
| R9208702 | DCR-46 | <1 | 4508 | 1937 | 3.1 | 6 | <1 | 38 | 1.93 | 691 | <10 | E |
| R9208703 | DCR-48 | <1 | 3720 | 1750 | 2.3 | 9 | <1 | 83 | 1.60 | 770 | <10 | E |
| R9208704 | DCR-49 | <1 | 1501 | 1067 | .9 | 12 | <1 | 81 | 1.47 | 789 | <10 | E |
| R9208705 | DCR-51 | <1 | 7155 | 2799 | 5.4 | 6 | 1 | 94 | 2.63 | 808 | <10 | E |
| R9208706 | DCR-52 | <1 | 3159 | 1356 | 1.9 | 9 | <1 | 96 | 1.93 | 685 | <10 | E |
| R9208707 | DCR-53 | <1 | E15550 | 5201 | 9.8 | 7 | 2 | 96 | 3.48 | 892 | <10 | E |
| R9208708 | DCR-54 | <1 | 7999 | 3289 | 5.3 | 5 | <1 | 71 | 1.88 | 583 | <10 | E |
| R9208709 | DCR-55 | <1 | 837 | 503 | .4 | 12 | <1 | 52 | 1.15 | 508 | | |
| R9208710 | DCR-56 | <1 | E10231 | 20 | 12.7 | 7 | <1 | 2 | 1.50 | 851 | | |
| R9208711 | DCR-57 | 11 | E16426 | 102 | 42.4 | 31 | 1 | 6 | 1.02 | 19 | | |
| R9208712 | DCR-58 | <1 | 9573 | 15 | 12.0 | 8 | <1 | 2 | 1.63 | 856 | | |

Boulder clasts

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED
 IF REQUESTED ANALYSES ARE NOT SHOWN RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

- Cu AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Pb AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Zn AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Ag AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- As AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Co AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Ni AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Fe AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Mn AQUA REGIA DECOMPOSITION / I.C.P. ANALYSIS
- Au AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
- WT Au THE WEIGHT OF SAMPLE TAKEN TO ANALYSE FOR GOLD (GEOCHEM)

APPENDIX E

STATISTICAL ANALYSIS

DATA TITLE: BOULDER PROPERTY: SOIL GEOCHEMISTRY.

THE FOLLOWING VARIABLES ARE IN THE DATA SET:

| FIELD# | E | N | SAMPLER | MATERIAL | ORIGIN | SITE | SIZE | ORGANIC | WETNESS | DEPTH | STEEP |
|--------|----|----|---------|----------|--------|------|------|---------|---------|-------|-------|
| IZON | CU | PB | ZN | AG | AU | BA | | | | | |

| SAMPLE NO | FIELD# | CU | PB | ZN | AG | AU | BA |
|-----------|--------|----|------|-----|-----|----|-------|
| S9218071 | 96100 | 21 | 240 | 197 | 0.4 | 10 | 1030 |
| S9218072 | 96101 | 26 | 181 | 183 | 0.4 | 10 | 1208 |
| S9218073 | 96102 | 5 | 23 | 45 | 0.4 | 10 | 1044 |
| S9218074 | 96103 | 23 | 110 | 148 | 0.4 | 10 | 1091 |
| S9218075 | 96104 | 36 | 101 | 109 | 0.8 | 10 | 910 |
| S9218076 | 96105 | 8 | 119 | 94 | 0.4 | 10 | 1043 |
| S9218077 | 96106 | 38 | 171 | 78 | 0.4 | 10 | 1075 |
| S9218078 | 96107 | 20 | 183 | 189 | 0.4 | 10 | 906 |
| S9218079 | 96108 | 14 | 421 | 193 | 1.1 | 10 | 689 |
| S9218080 | 96109 | 49 | 263 | 146 | 0.7 | 10 | 1241 |
| S9218081 | 96110 | 29 | 619 | 155 | 0.5 | 10 | 1143 |
| S9218082 | 96111 | 40 | 202 | 201 | 0.4 | 10 | 1500 |
| S9218083 | 96112 | 58 | 422 | 878 | 0.5 | 10 | 1113 |
| S9218084 | 96113 | 34 | 278 | 114 | 0.4 | 10 | 918 |
| S9218085 | 96114 | 22 | 63 | 126 | 0.4 | 10 | 1367 |
| S9218086 | 96115 | 32 | 26 | 84 | 0.4 | 10 | 1310 |
| S9218087 | 96116 | 32 | 18 | 130 | 0.4 | 15 | 1450 |
| S9218088 | 96117 | 16 | 8 | 102 | 0.4 | 10 | 1645 |
| S9218089 | 96118 | 18 | 16 | 126 | 0.4 | 10 | 876 |
| S9218090 | 96119 | 49 | 33 | 87 | 0.6 | 20 | 2112 |
| S9218091 | 96120 | 16 | 17 | 88 | 0.4 | 10 | 1195 |
| S9218092 | 96140 | 24 | 318 | 101 | 0.4 | 20 | 1075 |
| S9218093 | 96141 | 22 | 233 | 131 | 0.5 | 10 | 1166 |
| S9218094 | 96142 | 13 | 128 | 276 | 0.4 | 10 | 969 |
| S9218095 | 96143 | 12 | 211 | 246 | 0.7 | 10 | 917 |
| S9218096 | 96144 | 23 | 281 | 168 | 0.4 | 10 | 1108 |
| S9218097 | 96145 | 35 | 1240 | 491 | 0.7 | 10 | 985 |
| S9218098 | 96146 | 23 | 705 | 364 | 0.4 | 10 | 938 |
| S9218099 | 96147 | 27 | 33 | 101 | 0.4 | 10 | 3101 |
| S9218100 | 96148 | 25 | 47 | 122 | 0.4 | 10 | 1646 |
| S9218101 | 96149 | 8 | 47 | 84 | 0.6 | 10 | 1476 |
| S9218102 | 96150 | 4 | 42 | 76 | 0.6 | 10 | 1063 |
| S9218103 | 96151 | 41 | 87 | 120 | 0.4 | 10 | 1507 |
| S9218104 | 96152 | 38 | 155 | 167 | 0.4 | 20 | 1592 |
| S9218105 | 96153 | 16 | 36 | 123 | 0.5 | 10 | 1285 |
| S9218106 | 96154 | 13 | 51 | 101 | 0.4 | 10 | 1395 |
| S9218107 | 96155 | 16 | 7 | 73 | 0.4 | 10 | 887 |
| S9218108 | 96156 | 18 | 16 | 95 | 0.4 | 10 | 1809 |
| S9218109 | 96157 | 22 | 4 | 57 | 0.6 | 10 | 2589 |
| S9218110 | 96158 | 56 | 18 | 156 | 0.4 | 10 | 2584 |
| S9218111 | 96159 | 58 | 15 | 183 | 0.5 | 10 | 1852 |
| S9218112 | 96160 | 12 | 13 | 99 | 0.4 | 10 | 1653 |
| S9218113 | 96161 | 67 | 467 | 492 | 0.4 | 10 | 1327 |
| S9218114 | 96162 | 33 | 214 | 75 | 0.4 | 10 | 1220 |
| S9218115 | 96163 | 17 | 182 | 89 | 0.5 | 20 | 1283 |
| S9218116 | 96164 | 26 | 236 | 147 | 0.4 | 10 | 1389 |
| S9218117 | 96165 | 37 | 970 | 234 | 0.6 | 10 | 1100 |
| S9218118 | 96166 | 10 | 465 | 140 | 0.7 | 10 | 995 |
| S9218119 | 96167 | 14 | 727 | 217 | 0.9 | 10 | 1002 |
| S9218120 | 96168 | 13 | 921 | 457 | 0.9 | 10 | 706 |
| S9218121 | 96169 | 2 | 62 | 46 | 0.4 | 10 | 1029 |
| S9218122 | 96170 | 35 | 45 | 119 | 0.4 | 10 | 2707 |
| S9218123 | 96171 | 24 | 101 | 137 | 0.4 | 10 | 1397 |
| S9218124 | 96172 | 14 | 60 | 93 | 0.4 | 10 | 1621 |
| S9218125 | 96173 | 32 | 45 | 374 | 0.4 | 10 | 1606 |
| S9218126 | 96174 | 8 | 15 | 62 | 0.5 | 10 | 2007 |
| S9218127 | 96175 | 13 | 29 | 56 | 0.4 | 10 | 1422 |
| S9218128 | 96176 | 20 | 36 | 91 | 0.4 | 10 | 1340 |
| S9218129 | 96177 | 40 | 45 | 146 | 0.5 | 10 | 1731 |
| S9218130 | 96178 | 25 | 21 | 118 | 0.4 | 10 | 1391. |

| SAMPLE NO | FIELD# | CU | PB | ZN | AG | AU | BA |
|-----------|--------|----|------|-----|-----|----|-------|
| S9218131 | 96179 | 60 | 37 | 141 | 0.7 | 10 | 1417 |
| S9218132 | 96180 | 33 | 30 | 105 | 0.5 | 10 | 1547 |
| S9218133 | 96181 | 31 | 30 | 74 | 0.4 | 10 | 1475 |
| S9218134 | 96182 | 19 | 62 | 64 | 0.4 | 10 | 1299 |
| S9218135 | 96183 | 8 | 15 | 44 | 0.4 | 10 | 930 |
| S9218136 | 96184 | 24 | 1260 | 142 | 0.9 | 10 | 956 |
| S9218137 | 96185 | 43 | 159 | 209 | 1.1 | 10 | 914 |
| S9218138 | 96186 | 16 | 62 | 107 | 0.4 | 10 | 1059 |
| S9218139 | 96187 | 21 | 556 | 166 | 0.4 | 62 | 1280 |
| S9218140 | 96188 | 8 | 272 | 190 | 0.4 | 10 | 733 |
| S9218141 | 96189 | 8 | 342 | 111 | 0.4 | 10 | 649 |
| S9218142 | 96190 | 6 | 77 | 63 | 0.4 | 10 | 1031 |
| S9218143 | 96191 | 38 | 171 | 209 | 0.4 | 10 | 1424 |
| S9218144 | 96192 | 16 | 41 | 104 | 0.4 | 10 | 1355 |
| S9218145 | 96193 | 14 | 31 | 77 | 0.6 | 10 | 1361 |
| S9218146 | 96194 | 11 | 25 | 48 | 0.4 | 10 | 1560 |
| S9218147 | 96195 | 13 | 19 | 72 | 0.4 | 10 | 1626 |
| S9218148 | 96196 | 14 | 29 | 85 | 0.4 | 10 | 1518 |
| S9218149 | 96197 | 26 | 42 | 82 | 0.5 | 10 | 1385 |
| S9218150 | 96198 | 38 | 45 | 107 | 0.6 | 10 | 1697 |
| S9218151 | 96199 | 16 | 31 | 69 | 0.4 | 10 | 1280 |
| S9218152 | 96200 | 6 | 19 | 77 | 0.4 | 10 | 1022 |
| S9218153 | 96201 | 37 | 29 | 136 | 0.8 | 10 | 1044 |
| S9218154 | 96202 | 41 | 29 | 180 | 0.5 | 10 | 1202 |
| S9218173 | 197075 | 27 | 188 | 175 | 0.6 | 15 | 978 |
| S9218174 | 197076 | 19 | 39 | 126 | 0.6 | 10 | 975 |
| S9218175 | 197077 | 25 | 76 | 113 | 0.5 | 10 | 987 |
| S9218176 | 197078 | 14 | 20 | 96 | 0.5 | 10 | 917 |
| S9218177 | 197079 | 23 | 104 | 113 | 0.5 | 10 | 1019 |
| S9218178 | 197080 | 29 | 782 | 306 | 0.7 | 10 | 1327 |
| S9218179 | 197081 | 19 | 313 | 90 | 0.4 | 10 | 1113 |
| S9218180 | 197082 | 19 | 302 | 117 | 0.6 | 10 | 974 |
| S9218181 | 197083 | 23 | 433 | 194 | 0.6 | 10 | 1128 |
| S9218182 | 197084 | 29 | 362 | 175 | 0.6 | 10 | 1019 |
| S9218183 | 197085 | 45 | 613 | 320 | 0.4 | 10 | 1349 |
| S9218184 | 197086 | 23 | 282 | 137 | 0.9 | 10 | 1041 |
| S9218185 | 197087 | 36 | 187 | 132 | 0.9 | 10 | 1316 |
| S9218186 | 197088 | 24 | 143 | 108 | 0.5 | 10 | 1338 |
| S9218187 | 197089 | 29 | 118 | 129 | 0.4 | 10 | 1701 |
| S9218188 | 197090 | 41 | 197 | 136 | 0.8 | 10 | 1567 |
| S9218189 | 197091 | 42 | 60 | 112 | 0.6 | 60 | |
| S9218190 | 197092 | 29 | 38 | 93 | 0.5 | 10 | 1008 |
| S9218191 | 197093 | 26 | 28 | 131 | 0.4 | 10 | 1274 |
| S9218192 | 197094 | 20 | 28 | 211 | 0.4 | 10 | 1466 |
| S9218193 | 197095 | 16 | 29 | 115 | 0.4 | 10 | 1188 |
| S9218194 | 197096 | 27 | 66 | 130 | 0.4 | 10 | 868 |
| S9218195 | 197097 | 15 | 46 | 178 | 0.4 | 10 | 880 |
| S9218196 | 197098 | 14 | 62 | 75 | 0.4 | 10 | 887 |
| S9218197 | 197099 | 24 | 158 | 132 | 0.4 | 10 | 895 |
| S9218198 | 197100 | 19 | 163 | 122 | 0.7 | 10 | 874 |
| S9218199 | 197101 | 16 | 276 | 111 | 0.5 | 10 | 1014 |
| S9218200 | 197102 | 6 | 262 | 64 | 0.4 | 10 | 800 |
| S9218201 | 197103 | 5 | 110 | 47 | 0.4 | 10 | 1348 |
| S9218202 | 197104 | 25 | 501 | 88 | 0.4 | 10 | 1158 |
| S9218203 | 197105 | 14 | 519 | 84 | 0.5 | 10 | 938 |
| S9218204 | 197106 | 9 | 131 | 86 | 0.4 | 10 | 927 |
| S9218205 | 197107 | 3 | 54 | 76 | 0.4 | 10 | 819 |
| S9218206 | 197108 | 15 | 158 | 139 | 0.5 | 15 | 1260 |
| S9218207 | 197109 | 36 | 648 | 293 | 0.9 | 10 | 1594 |
| S9218208 | 197110 | 25 | 207 | 106 | 0.4 | 10 | 1614. |

| SAMPLE NO | FIELD# | CU | PB | ZN | AG | AU | BA |
|-----------|--------|----|------|-----|-----|----|-------|
| S9218209 | 197111 | 35 | 93 | 98 | 0.8 | 10 | 1175 |
| S9218210 | 197112 | 46 | 257 | 131 | 0.6 | 10 | 1245 |
| S9218211 | 197113 | 34 | 143 | 273 | 1 | 10 | 1338 |
| S9218212 | 197114 | 24 | 74 | 113 | 0.5 | 10 | 1387 |
| S9218213 | 197115 | 39 | 51 | 123 | 0.9 | 10 | 1352 |
| S9218214 | 197116 | 18 | 46 | 97 | 0.4 | 10 | 1145 |
| S9218215 | 197117 | 13 | 101 | 70 | 0.4 | 15 | 1150 |
| S9218216 | 197118 | 4 | 27 | 29 | 0.4 | 10 | 1087 |
| S9218217 | 197119 | 9 | 26 | 72 | 0.4 | 10 | 939 |
| S9218218 | 197120 | 10 | 119 | 201 | 0.6 | 10 | 188 |
| S9218219 | 197121 | 18 | 394 | 157 | 0.5 | 15 | 1008 |
| S9218220 | 197122 | 3 | 481 | 309 | 0.4 | 10 | 251 |
| S9218221 | 197123 | 5 | 355 | 188 | 0.4 | 10 | 222 |
| S9218222 | 197124 | 16 | 731 | 139 | 0.6 | 10 | 836 |
| S9218223 | 197125 | 26 | 323 | 114 | 0.4 | 38 | 1709 |
| S9218224 | 197126 | 8 | 97 | 136 | 0.4 | 10 | 1137 |
| S9218225 | 197127 | 20 | 601 | 413 | 0.4 | 10 | 1496 |
| S9218226 | 197128 | 12 | 292 | 237 | 0.4 | 10 | 864 |
| S9218227 | 197129 | 14 | 229 | 226 | 0.4 | 10 | 1789 |
| S9218228 | 197130 | 21 | 66 | 100 | 0.5 | 10 | 2817 |
| S9218229 | 197131 | 42 | 220 | 141 | 0.8 | 10 | 1782 |
| S9218230 | 197132 | 42 | 139 | 103 | 0.4 | 10 | 1546 |
| S9218231 | 197133 | 36 | 108 | 114 | 0.7 | 10 | 1237 |
| S9218232 | 197134 | 39 | 119 | 106 | 0.7 | 10 | 1403 |
| S9218233 | 197135 | 21 | 23 | 101 | 0.4 | 10 | 964 |
| S9218234 | 197136 | 19 | 15 | 62 | 0.6 | 10 | 519 |
| S9218235 | 197137 | 24 | 14 | 102 | 0.4 | 10 | 1276 |
| S9218236 | 197138 | 36 | 53 | 100 | 0.5 | 10 | 864 |
| S9218237 | 197139 | 23 | 117 | 109 | 0.6 | 10 | 963 |
| S9218238 | 197140 | 17 | 277 | 91 | 0.5 | 18 | 882 |
| S9218239 | 197141 | 14 | 54 | 63 | 0.4 | 28 | 1052 |
| S9218240 | 197142 | 14 | 74 | 101 | 0.4 | 10 | 979 |
| S9218241 | 197143 | 30 | 408 | 179 | 0.4 | 10 | 1272 |
| S9218242 | 197144 | 52 | 424 | 299 | 0.9 | 10 | 1502 |
| S9218243 | 197145 | 20 | 409 | 174 | 0.6 | 10 | 964 |
| S9218244 | 197146 | 48 | 4520 | 537 | 2.9 | 20 | 1027 |
| S9218245 | 197147 | 30 | 156 | 140 | 0.4 | 15 | 1258 |
| S9218246 | 197148 | 20 | 179 | 289 | 1 | 10 | 1051 |
| S9218247 | 197149 | 12 | 135 | 90 | 0.5 | 10 | 1121 |
| S9218248 | 197150 | 20 | 39 | 87 | 0.4 | 10 | 1348 |
| S9218249 | 197151 | 30 | 41 | 111 | 0.4 | 10 | 1625 |
| S9218250 | 197152 | 14 | 62 | 84 | 0.5 | 10 | 1601 |
| S9218251 | 197153 | 21 | 23 | 97 | 0.6 | 10 | 1835 |
| S9218252 | 197154 | 23 | 24 | 75 | 0.4 | 10 | 1565 |
| S9218253 | 197155 | 24 | 64 | 103 | 0.4 | 10 | 1437 |
| S9218254 | 197156 | 18 | 28 | 67 | 0.4 | 10 | 1286 |
| S9218255 | 197157 | 40 | 51 | 130 | 0.5 | 10 | 1780 |
| S9218256 | 197158 | 18 | 15 | 83 | 0.5 | 10 | 1636 |
| S9218257 | 197159 | 6 | 27 | 33 | 0.4 | 10 | 798 |
| S9218258 | 197160 | 8 | 281 | 92 | 0.4 | 10 | 876 |
| S9218259 | 197161 | 30 | 157 | 118 | 0.4 | 10 | 1334 |
| S9218260 | 197162 | 17 | 157 | 428 | 1.1 | 10 | 1039 |
| S9218261 | 197163 | 17 | 256 | 196 | 1.4 | 15 | 1928 |
| S9218262 | 197164 | 17 | 177 | 179 | 0.6 | 10 | 1049 |
| S9218263 | 197165 | 43 | 818 | 206 | 0.7 | 10 | 1166 |
| S9218264 | 197166 | 14 | 184 | 91 | 0.4 | 20 | 1189 |
| S9218265 | 197167 | 21 | 348 | 243 | 1.1 | 10 | 1008 |
| S9218266 | 197168 | 20 | 422 | 175 | 0.4 | 15 | 1393 |
| S9218267 | 197169 | 18 | 68 | 110 | 0.4 | 10 | 1474 |
| S9218268 | 197170 | 53 | 38 | 97 | 0.4 | 10 | 1675. |

| SAMPLE NO | FIELD# | CU | PB | ZN | AG | AU | BA |
|-----------|--------|----|----|-----|-----|----|------|
| S9218269 | 197171 | 21 | 29 | 90 | 0.6 | 10 | 1603 |
| S9218270 | 197172 | 19 | 19 | 69 | 0.7 | 10 | 1661 |
| S9218271 | 197173 | 33 | 33 | 100 | 0.4 | 10 | 1466 |
| S9218272 | 197174 | 32 | 31 | 92 | 0.4 | 10 | 1120 |
| S9218273 | 197175 | 7 | 21 | 41 | 0.4 | 10 | 1320 |
| S9218274 | 197176 | 14 | 19 | 48 | 0.4 | 10 | 1499 |
| S9218275 | 197177 | 22 | 32 | 110 | 0.4 | 10 | 1161 |
| S9218276 | 197178 | 31 | 18 | 131 | 0.4 | 10 | 2392 |
| S9218277 | 197179 | 40 | 26 | 139 | 0.4 | 10 | 1547 |

| SAMPLE NO | HORIZON | CU | PB | ZN | AG | AU | BA |
|-----------|---------|----|------|-----|-----|----|-------|
| S9218071 | 2 | 21 | 240 | 197 | 0.4 | 10 | 1030 |
| S9218072 | 2 | 26 | 181 | 183 | 0.4 | 10 | 1208 |
| S9218073 | 2 | 5 | 23 | 45 | 0.4 | 10 | 1044 |
| S9218074 | 3 | 23 | 110 | 148 | 0.4 | 10 | 1091 |
| S9218075 | 2 | 36 | 101 | 109 | 0.8 | 10 | 910 |
| S9218076 | 2 | 8 | 119 | 94 | 0.4 | 10 | 1043 |
| S9218077 | 2 | 38 | 171 | 78 | 0.4 | 10 | 1075 |
| S9218078 | 2 | 20 | 183 | 189 | 0.4 | 10 | 906 |
| S9218079 | 3 | 14 | 421 | 193 | 1.1 | 10 | 689 |
| S9218080 | 2 | 49 | 263 | 146 | 0.7 | 10 | 1241 |
| S9218081 | 2 | 29 | 619 | 155 | 0.5 | 10 | 1143 |
| S9218082 | 2 | 40 | 202 | 201 | 0.4 | 10 | 1500 |
| S9218083 | 2 | 58 | 422 | 878 | 0.5 | 10 | 1113 |
| S9218084 | 2 | 34 | 278 | 114 | 0.4 | 10 | 918 |
| S9218085 | 2 | 22 | 63 | 126 | 0.4 | 10 | 1367 |
| S9218086 | 2 | 32 | 26 | 84 | 0.4 | 10 | 1310 |
| S9218087 | 3 | 32 | 18 | 130 | 0.4 | 15 | 1450 |
| S9218088 | 2 | 16 | 8 | 102 | 0.4 | 10 | 1645 |
| S9218089 | 2 | 18 | 16 | 126 | 0.4 | 10 | 876 |
| S9218090 | 2 | 49 | 33 | 87 | 0.6 | 20 | 2112 |
| S9218091 | 2 | 16 | 17 | 88 | 0.4 | 10 | 1195 |
| S9218092 | 3 | 24 | 318 | 101 | 0.4 | 20 | 1075 |
| S9218093 | 3 | 22 | 233 | 131 | 0.5 | 10 | 1166 |
| S9218094 | 3 | 13 | 128 | 276 | 0.4 | 10 | 969 |
| S9218095 | 3 | 12 | 211 | 246 | 0.7 | 10 | 917 |
| S9218096 | 3 | 23 | 281 | 168 | 0.4 | 10 | 1108 |
| S9218097 | 3 | 35 | 1240 | 491 | 0.7 | 10 | 985 |
| S9218098 | 3 | 23 | 705 | 364 | 0.4 | 10 | 938 |
| S9218099 | 3 | 27 | 33 | 101 | 0.4 | 10 | 3101 |
| S9218100 | 2 | 25 | 47 | 122 | 0.4 | 10 | 1646 |
| S9218101 | 2 | 8 | 47 | 84 | 0.6 | 10 | 1476 |
| S9218102 | 2 | 4 | 42 | 76 | 0.6 | 10 | 1063 |
| S9218103 | 2 | 41 | 87 | 120 | 0.4 | 10 | 1507 |
| S9218104 | 3 | 38 | 155 | 167 | 0.4 | 20 | 1592 |
| S9218105 | 3 | 16 | 36 | 123 | 0.5 | 10 | 1285 |
| S9218106 | 2 | 13 | 51 | 101 | 0.4 | 10 | 1395 |
| S9218107 | 2 | 16 | 7 | 73 | 0.4 | 10 | 887 |
| S9218108 | 3 | 18 | 16 | 95 | 0.4 | 10 | 1809 |
| S9218109 | 3 | 22 | 4 | 57 | 0.6 | 10 | 2589 |
| S9218110 | 3 | 56 | 18 | 156 | 0.4 | 10 | 2584 |
| S9218111 | 3 | 58 | 15 | 183 | 0.5 | 10 | 1852 |
| S9218112 | 3 | 12 | 13 | 99 | 0.4 | 10 | 1653 |
| S9218113 | 3 | 67 | 467 | 492 | 0.4 | 10 | 1327 |
| S9218114 | 3 | 33 | 214 | 75 | 0.4 | 10 | 1220 |
| S9218115 | 2 | 17 | 182 | 89 | 0.5 | 20 | 1283 |
| S9218116 | 2 | 26 | 236 | 147 | 0.4 | 10 | 1389 |
| S9218117 | 2 | 37 | 970 | 234 | 0.6 | 10 | 1100 |
| S9218118 | 2 | 10 | 465 | 140 | 0.7 | 10 | 995 |
| S9218119 | 3 | 14 | 727 | 217 | 0.9 | 10 | 1002 |
| S9218120 | 2 | 13 | 921 | 457 | 0.9 | 10 | 706 |
| S9218121 | 2 | 2 | 62 | 46 | 0.4 | 10 | 1029 |
| S9218122 | 3 | 35 | 45 | 119 | 0.4 | 10 | 2707 |
| S9218123 | 2 | 24 | 101 | 137 | 0.4 | 10 | 1397 |
| S9218124 | 3 | 14 | 60 | 93 | 0.4 | 10 | 1621 |
| S9218125 | 3 | 32 | 45 | 374 | 0.4 | 10 | 1606 |
| S9218126 | 2 | 8 | 15 | 62 | 0.5 | 10 | 2007 |
| S9218127 | 3 | 13 | 29 | 56 | 0.4 | 10 | 1422 |
| S9218128 | 2 | 20 | 36 | 91 | 0.4 | 10 | 1340 |
| S9218129 | 2 | 40 | 45 | 146 | 0.5 | 10 | 1731 |
| S9218130 | 2 | 25 | 21 | 118 | 0.4 | 10 | 1391. |

| SAMPLE NO | HORIZON | CU | PB | ZN | AG | AU | BA |
|-----------|---------|----|------|-----|-----|----|-------|
| S9218131 | 2 | 60 | 37 | 141 | 0.7 | 10 | 1417 |
| S9218132 | 2 | 33 | 30 | 105 | 0.5 | 10 | 1547 |
| S9218133 | 2 | 31 | 30 | 74 | 0.4 | 10 | 1475 |
| S9218134 | 3 | 19 | 62 | 64 | 0.4 | 10 | 1299 |
| S9218135 | 2 | 8 | 15 | 44 | 0.4 | 10 | 930 |
| S9218136 | 2 | 24 | 1260 | 142 | 0.9 | 10 | 956 |
| S9218137 | 2 | 43 | 159 | 209 | 1.1 | 10 | 914 |
| S9218138 | 3 | 16 | 62 | 107 | 0.4 | 10 | 1059 |
| S9218139 | 3 | 21 | 556 | 166 | 0.4 | 62 | 1280 |
| S9218140 | 3 | 8 | 272 | 190 | 0.4 | 10 | 733 |
| S9218141 | 3 | 8 | 342 | 111 | 0.4 | 10 | 649 |
| S9218142 | 2 | 6 | 77 | 63 | 0.4 | 10 | 1031 |
| S9218143 | 2 | 38 | 171 | 209 | 0.4 | 10 | 1424 |
| S9218144 | 3 | 16 | 41 | 104 | 0.4 | 10 | 1355 |
| S9218145 | 2 | 14 | 31 | 77 | 0.6 | 10 | 1361 |
| S9218146 | 3 | 11 | 25 | 48 | 0.4 | 10 | 1560 |
| S9218147 | 2 | 13 | 19 | 72 | 0.4 | 10 | 1626 |
| S9218148 | 3 | 14 | 29 | 85 | 0.4 | 10 | 1518 |
| S9218149 | 2 | 26 | 42 | 82 | 0.5 | 10 | 1385 |
| S9218150 | 3 | 38 | 45 | 107 | 0.6 | 10 | 1697 |
| S9218151 | 3 | 16 | 31 | 69 | 0.4 | 10 | 1280 |
| S9218152 | 2 | 6 | 19 | 77 | 0.4 | 10 | 1022 |
| S9218153 | 2 | 37 | 29 | 136 | 0.8 | 10 | 1044 |
| S9218154 | 3 | 41 | 29 | 180 | 0.5 | 10 | 1202 |
| S9218173 | 2 | 27 | 188 | 175 | 0.6 | 15 | 978 |
| S9218174 | 2 | 19 | 39 | 126 | 0.6 | 10 | 975 |
| S9218175 | 2 | 25 | 76 | 113 | 0.5 | 10 | 987 |
| S9218176 | 2 | 14 | 20 | 96 | 0.5 | 10 | 917 |
| S9218177 | 2 | 23 | 104 | 113 | 0.5 | 10 | 1019 |
| S9218178 | 2 | 29 | 782 | 306 | 0.7 | 10 | 1327 |
| S9218179 | 2 | 19 | 313 | 90 | 0.4 | 10 | 1113 |
| S9218180 | 2 | 19 | 302 | 117 | 0.6 | 10 | 974 |
| S9218181 | 2 | 23 | 433 | 194 | 0.6 | 10 | 1128 |
| S9218182 | 2 | 29 | 362 | 175 | 0.6 | 10 | 1019 |
| S9218183 | 2 | 45 | 613 | 320 | 0.4 | 10 | 1349 |
| S9218184 | 2 | 23 | 282 | 137 | 0.9 | 10 | 1041 |
| S9218185 | 2 | 36 | 187 | 132 | 0.9 | 10 | 1316 |
| S9218186 | 2 | 24 | 143 | 108 | 0.5 | 10 | 1338 |
| S9218187 | 2 | 29 | 118 | 129 | 0.4 | 10 | 1701 |
| S9218188 | 2 | 41 | 197 | 136 | 0.8 | 10 | 1567 |
| S9218189 | 2 | 42 | 60 | 112 | 0.6 | 60 | |
| S9218190 | 3 | 29 | 38 | 93 | 0.5 | 10 | 1008 |
| S9218191 | 3 | 26 | 28 | 131 | 0.4 | 10 | 1274 |
| S9218192 | 3 | 20 | 28 | 211 | 0.4 | 10 | 1466 |
| S9218193 | 3 | 16 | 29 | 115 | 0.4 | 10 | 1188 |
| S9218194 | 3 | 27 | 66 | 130 | 0.4 | 10 | 868 |
| S9218195 | 3 | 15 | 46 | 178 | 0.4 | 10 | 880 |
| S9218196 | 3 | 14 | 62 | 75 | 0.4 | 10 | 887 |
| S9218197 | 3 | 24 | 158 | 132 | 0.4 | 10 | 895 |
| S9218198 | 3 | 19 | 163 | 122 | 0.7 | 10 | 874 |
| S9218199 | 3 | 16 | 276 | 111 | 0.5 | 10 | 1014 |
| S9218200 | 3 | 6 | 262 | 64 | 0.4 | 10 | 800 |
| S9218201 | 3 | 5 | 110 | 47 | 0.4 | 10 | 1348 |
| S9218202 | 3 | 25 | 501 | 88 | 0.4 | 10 | 1158 |
| S9218203 | 2 | 14 | 519 | 84 | 0.5 | 10 | 938 |
| S9218204 | 3 | 9 | 131 | 86 | 0.4 | 10 | 927 |
| S9218205 | 2 | 3 | 54 | 76 | 0.4 | 10 | 819 |
| S9218206 | 2 | 15 | 158 | 139 | 0.5 | 15 | 1260 |
| S9218207 | 2 | 36 | 648 | 293 | 0.9 | 10 | 1594 |
| S9218208 | 2 | 25 | 207 | 106 | 0.4 | 10 | 1614. |

| SAMPLE NO | HORIZON | CU | PB | ZN | AG | AU | BA |
|-----------|---------|----|------|-----|-----|----|-------|
| S9218209 | 2 | 35 | 93 | 98 | 0.8 | 10 | 1175 |
| S9218210 | 2 | 46 | 257 | 131 | 0.6 | 10 | 1245 |
| S9218211 | 2 | 34 | 143 | 273 | 1 | 10 | 1338 |
| S9218212 | 2 | 24 | 74 | 113 | 0.5 | 10 | 1387 |
| S9218213 | 2 | 39 | 51 | 123 | 0.9 | 10 | 1352 |
| S9218214 | 2 | 18 | 46 | 97 | 0.4 | 10 | 1145 |
| S9218215 | 2 | 13 | 101 | 70 | 0.4 | 15 | 1150 |
| S9218216 | 2 | 4 | 27 | 29 | 0.4 | 10 | 1087 |
| S9218217 | 2 | 9 | 26 | 72 | 0.4 | 10 | 939 |
| S9218218 | 2 | 10 | 119 | 201 | 0.6 | 10 | 188 |
| S9218219 | 3 | 18 | 394 | 157 | 0.5 | 15 | 1008 |
| S9218220 | 3 | 3 | 481 | 309 | 0.4 | 10 | 251 |
| S9218221 | 3 | 5 | 355 | 188 | 0.4 | 10 | 222 |
| S9218222 | 3 | 16 | 731 | 139 | 0.6 | 10 | 836 |
| S9218223 | 3 | 26 | 323 | 114 | 0.4 | 38 | 1709 |
| S9218224 | 3 | 8 | 97 | 136 | 0.4 | 10 | 1137 |
| S9218225 | 3 | 20 | 601 | 413 | 0.4 | 10 | 1496 |
| S9218226 | 2 | 12 | 292 | 237 | 0.4 | 10 | 864 |
| S9218227 | 3 | 14 | 229 | 226 | 0.4 | 10 | 1789 |
| S9218228 | 3 | 21 | 66 | 100 | 0.5 | 10 | 2817 |
| S9218229 | 2 | 42 | 220 | 141 | 0.8 | 10 | 1782 |
| S9218230 | 2 | 42 | 139 | 103 | 0.4 | 10 | 1546 |
| S9218231 | 2 | 36 | 108 | 114 | 0.7 | 10 | 1237 |
| S9218232 | 2 | 39 | 119 | 106 | 0.7 | 10 | 1403 |
| S9218233 | 3 | 21 | 23 | 101 | 0.4 | 10 | 964 |
| S9218234 | 3 | 19 | 15 | 62 | 0.5 | 10 | 619 |
| S9218235 | 3 | 24 | 14 | 102 | 0.4 | 10 | 1276 |
| S9218236 | 2 | 36 | 53 | 100 | 0.5 | 10 | 864 |
| S9218237 | 2 | 23 | 117 | 109 | 0.6 | 10 | 963 |
| S9218238 | 2 | 17 | 277 | 91 | 0.5 | 18 | 882 |
| S9218239 | 2 | 14 | 54 | 63 | 0.4 | 28 | 1052 |
| S9218240 | 2 | 14 | 74 | 101 | 0.4 | 10 | 979 |
| S9218241 | 2 | 30 | 408 | 179 | 0.4 | 10 | 1272 |
| S9218242 | 2 | 52 | 424 | 299 | 0.9 | 10 | 1502 |
| S9218243 | 2 | 20 | 409 | 174 | 0.6 | 10 | 964 |
| S9218244 | 2 | 48 | 4520 | 537 | 2.9 | 20 | 1027 |
| S9218245 | 2 | 30 | 156 | 140 | 0.4 | 15 | 1258 |
| S9218246 | 2 | 20 | 179 | 289 | 1 | 10 | 1051 |
| S9218247 | 2 | 12 | 135 | 90 | 0.5 | 10 | 1121 |
| S9218248 | 2 | 20 | 39 | 87 | 0.4 | 10 | 1348 |
| S9218249 | 2 | 30 | 41 | 111 | 0.4 | 10 | 1625 |
| S9218250 | 2 | 14 | 62 | 84 | 0.5 | 10 | 1601 |
| S9218251 | 2 | 21 | 23 | 97 | 0.6 | 10 | 1835 |
| S9218252 | 2 | 23 | 24 | 75 | 0.4 | 10 | 1565 |
| S9218253 | 2 | 24 | 64 | 103 | 0.4 | 10 | 1437 |
| S9218254 | 2 | 18 | 28 | 67 | 0.4 | 10 | 1286 |
| S9218255 | 2 | 40 | 51 | 130 | 0.5 | 10 | 1780 |
| S9218256 | 2 | 18 | 15 | 83 | 0.5 | 10 | 1636 |
| S9218257 | 2 | 6 | 27 | 33 | 0.4 | 10 | 798 |
| S9218258 | 2 | 8 | 281 | 92 | 0.4 | 10 | 876 |
| S9218259 | 2 | 30 | 157 | 118 | 0.4 | 10 | 1334 |
| S9218260 | 2 | 17 | 157 | 428 | 1.1 | 10 | 1039 |
| S9218261 | 2 | 17 | 256 | 196 | 1.4 | 15 | 1928 |
| S9218262 | 2 | 17 | 177 | 179 | 0.6 | 10 | 1049 |
| S9218263 | 2 | 43 | 818 | 206 | 0.7 | 10 | 1166 |
| S9218264 | 2 | 14 | 184 | 91 | 0.4 | 20 | 1189 |
| S9218265 | 2 | 21 | 348 | 243 | 1.1 | 10 | 1008 |
| S9218266 | 2 | 20 | 422 | 175 | 0.4 | 15 | 1393 |
| S9218267 | 2 | 18 | 68 | 110 | 0.4 | 10 | 1474 |
| S9218268 | 2 | 53 | 38 | 97 | 0.4 | 10 | 1675. |

| SAMPLE NO | HORIZON | CU | PB | ZN | AG | AU | BA |
|-----------|---------|----|----|-----|-----|----|------|
| S9218269 | 2 | 21 | 29 | 90 | 0.6 | 10 | 1603 |
| S9218270 | 3 | 19 | 19 | 69 | 0.7 | 10 | 1661 |
| S9218271 | 3 | 33 | 33 | 100 | 0.4 | 10 | 1466 |
| S9218272 | 2 | 32 | 31 | 92 | 0.4 | 10 | 1120 |
| S9218273 | 2 | 7 | 21 | 41 | 0.4 | 10 | 1320 |
| S9218274 | 2 | 14 | 19 | 48 | 0.4 | 10 | 1499 |
| S9218275 | 2 | 22 | 32 | 110 | 0.4 | 10 | 1161 |
| S9218276 | 2 | 31 | 18 | 131 | 0.4 | 10 | 2392 |
| S9218277 | 2 | 40 | 26 | 139 | 0.4 | 10 | 1547 |

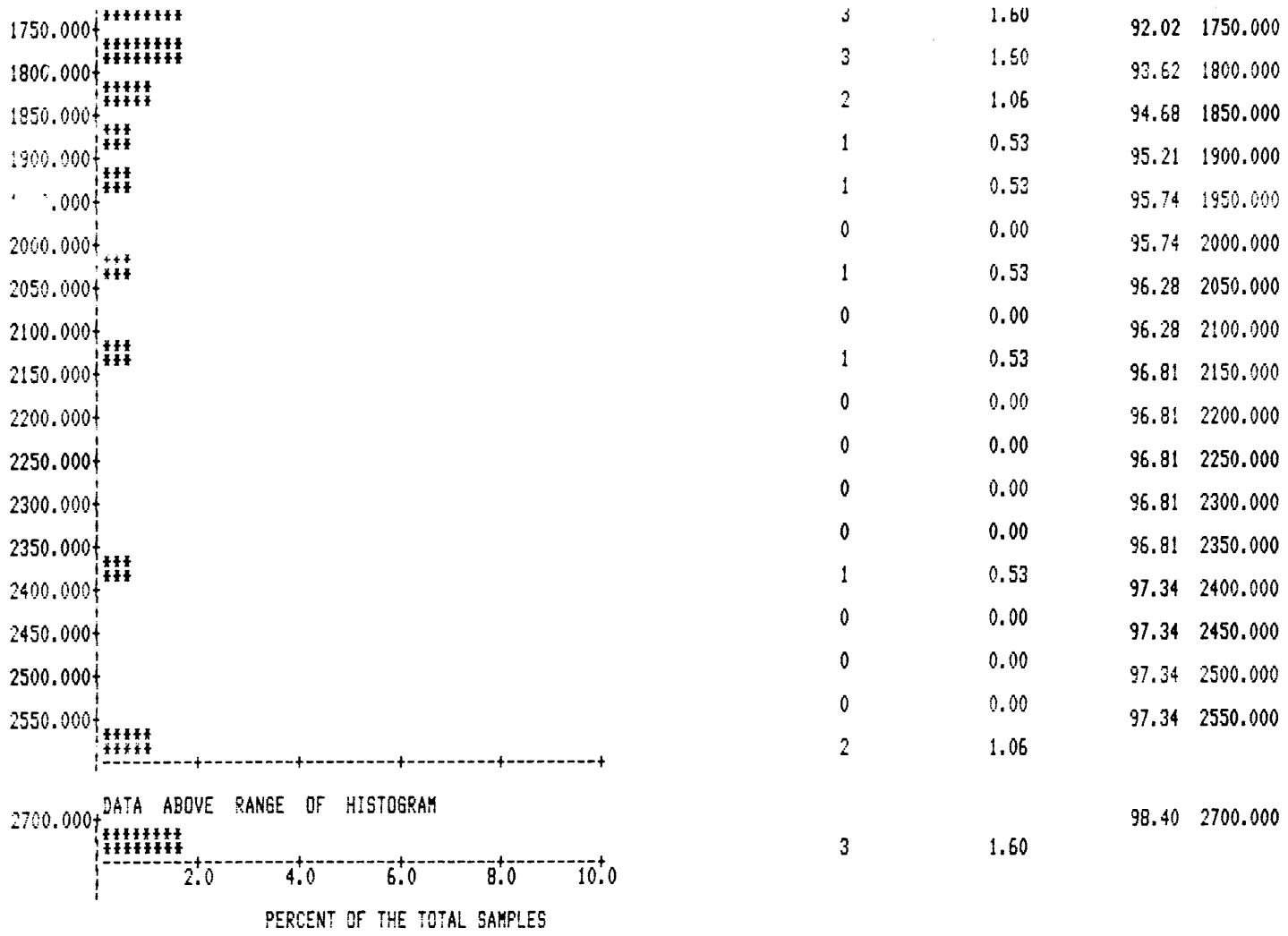
BLANK SPACES REPRESENT NUMBERS THAT ARE MISSING OR HAVE OTHERWISE BEEN CODED AS "SPECIAL VALUES" ALL Q'GAS PROGRAMS RECOGNIZE THESE VALUES AS MISSING AND TREAT THEM ACCORDINGLY.

DATA TITLE: BOULDER PROPERTY: SOIL GEOCHEMISTRY

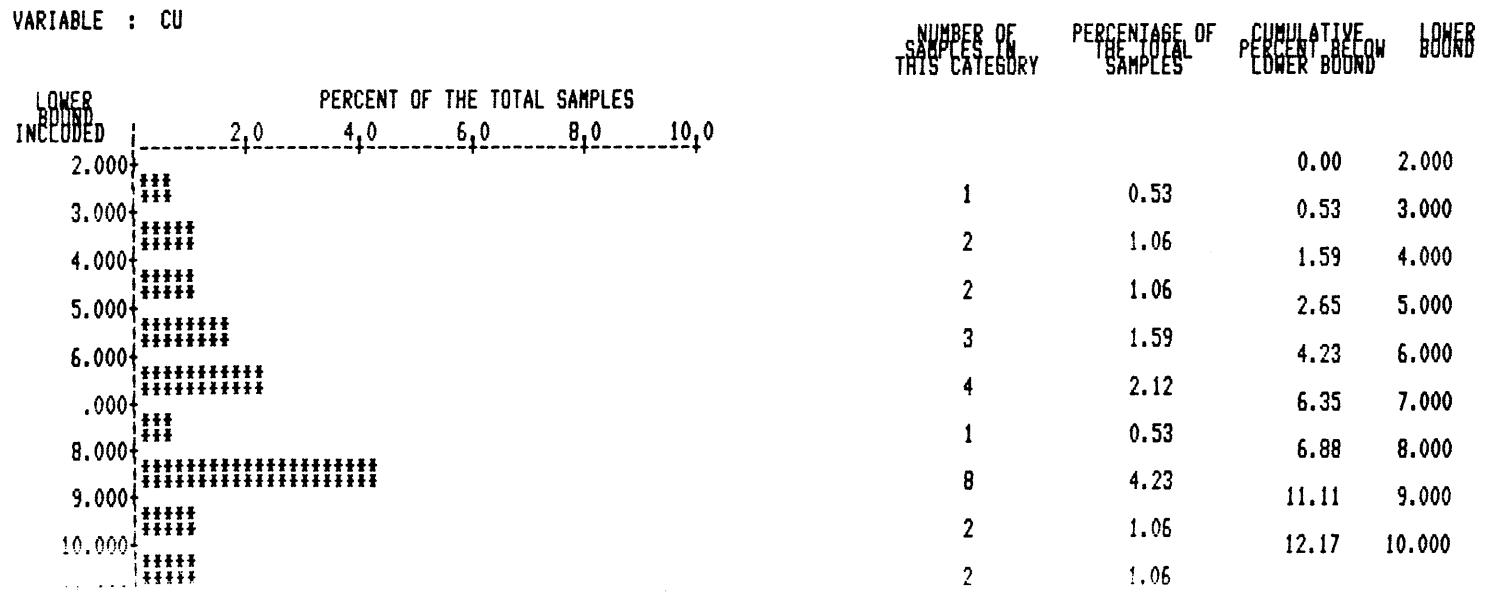
THE FOLLOWING VARIABLES ARE IN THE DATA SET:
 FIELD# E N SAMPLER MATERIAL ORIGIN SITE SIZE ORGANIC WETNESS DEPTH STEEP HORIZON
 CU PB ZN AS AU BA

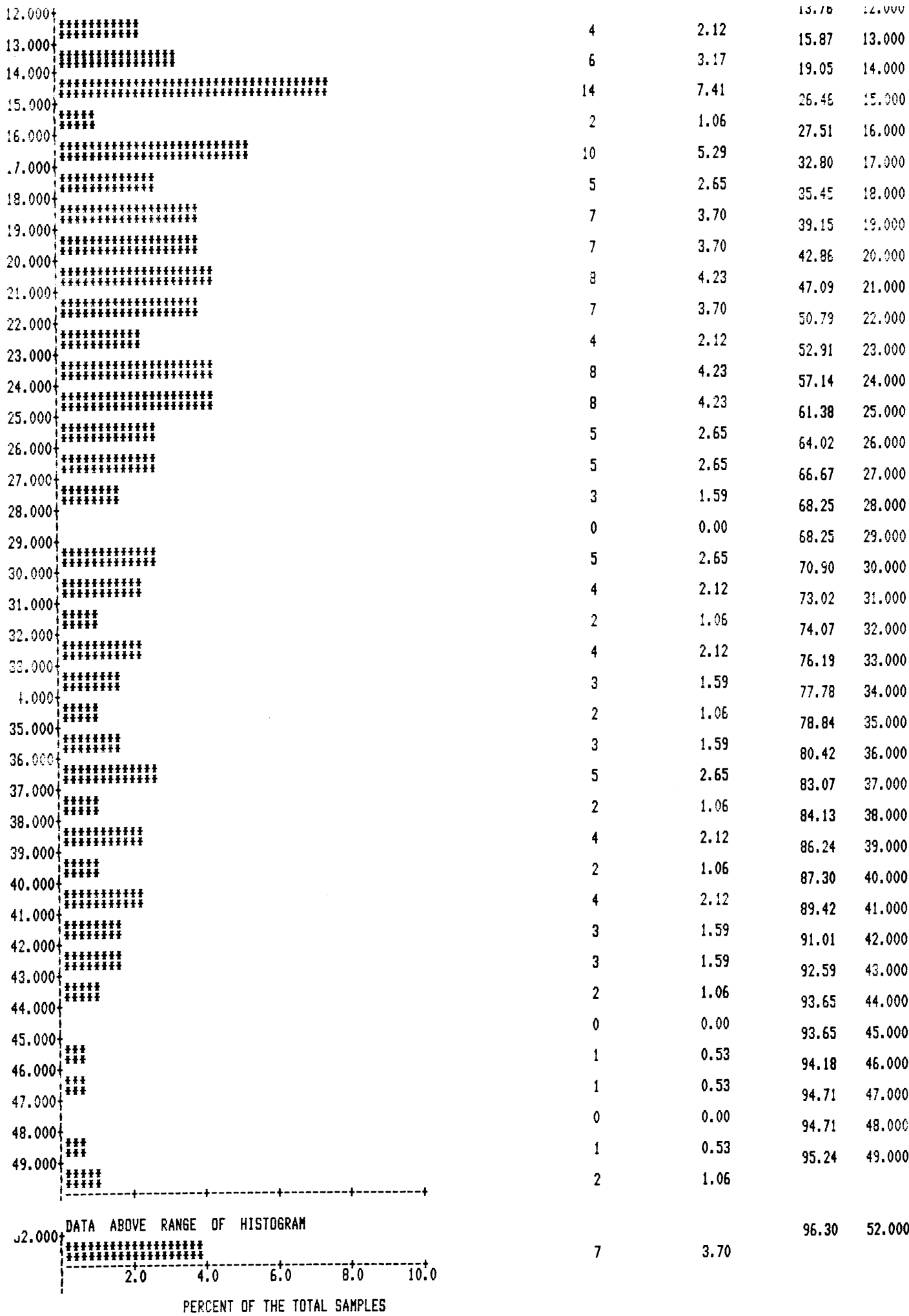
DATA TITLE : BOULDER PROPERTY: SOIL GEOCHEMISTRY
 VARIABLE : BA

| LOWER BOUND | 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 | DATA BELOW RANGE OF HISTOGRAM | 1 | 0.53 | 0.00 | 0.000 |
| 200.000 | | 1 | 0.53 | 0.53 | 200.000 |
| 250.000 | | 1 | 0.53 | 1.06 | 250.000 |
| 300.000 | | 1 | 0.53 | 1.60 | 300.000 |
| 350.000 | | 0 | 0.00 | 1.60 | 350.000 |
| 400.000 | | 0 | 0.00 | 1.60 | 400.000 |
| 450.000 | | 0 | 0.00 | 1.60 | 450.000 |
| 500.000 | | 0 | 0.00 | 1.60 | 500.000 |
| 550.000 | | 0 | 0.00 | 1.60 | 550.000 |
| 600.000 | | 0 | 0.00 | 1.60 | 600.000 |
| 650.000 | | 2 | 1.06 | 2.66 | 650.000 |
| 700.000 | | 1 | 0.53 | 3.19 | 700.000 |
| 750.000 | | 2 | 1.06 | 4.26 | 750.000 |
| 800.000 | | 1 | 0.53 | 4.79 | 800.000 |
| 850.000 | | 3 | 1.60 | 6.38 | 850.000 |
| 900.000 | | 11 | 5.85 | 12.23 | 900.000 |
| 950.000 | | 11 | 5.85 | 18.09 | 950.000 |
| 1000.000 | | 12 | 6.38 | 24.47 | 1000.000 |
| 1050.000 | | 18 | 9.57 | 34.04 | 1050.000 |
| 1100.000 | | 8 | 4.26 | 38.30 | 1100.000 |
| 1150.000 | | 10 | 5.32 | 43.62 | 1150.000 |
| 1200.000 | | 9 | 4.79 | 48.40 | 1200.000 |
| 1250.000 | | 6 | 3.19 | 51.60 | 1250.000 |
| 1300.000 | | 11 | 5.85 | 57.45 | 1300.000 |
| 1350.000 | | 12 | 6.38 | 63.83 | 1350.000 |
| 1400.000 | | 11 | 5.85 | 69.68 | 1400.000 |
| 1450.000 | | 5 | 2.66 | 72.34 | 1450.000 |
| 1500.000 | | 8 | 4.26 | 76.60 | 1500.000 |
| 1550.000 | | 7 | 3.72 | 80.32 | 1550.000 |
| 1600.000 | | 5 | 2.66 | 82.98 | 1600.000 |
| 1650.000 | | 10 | 5.32 | 88.30 | 1650.000 |



VARIABLE: BA
 NUMBER OF OBSERVATIONS: 188
 MINIMUM: 188.000
 MAXIMUM: 3101.000
 MEAN: 1270.048
 STANDARD ERROR OF MEAN: 30.022
 STANDARD DEVIATION: 411.643
 COEFFICIENT OF VARIATION: 32.412
 SKEWNESS: 1.191
 KURTOSIS: 3.640



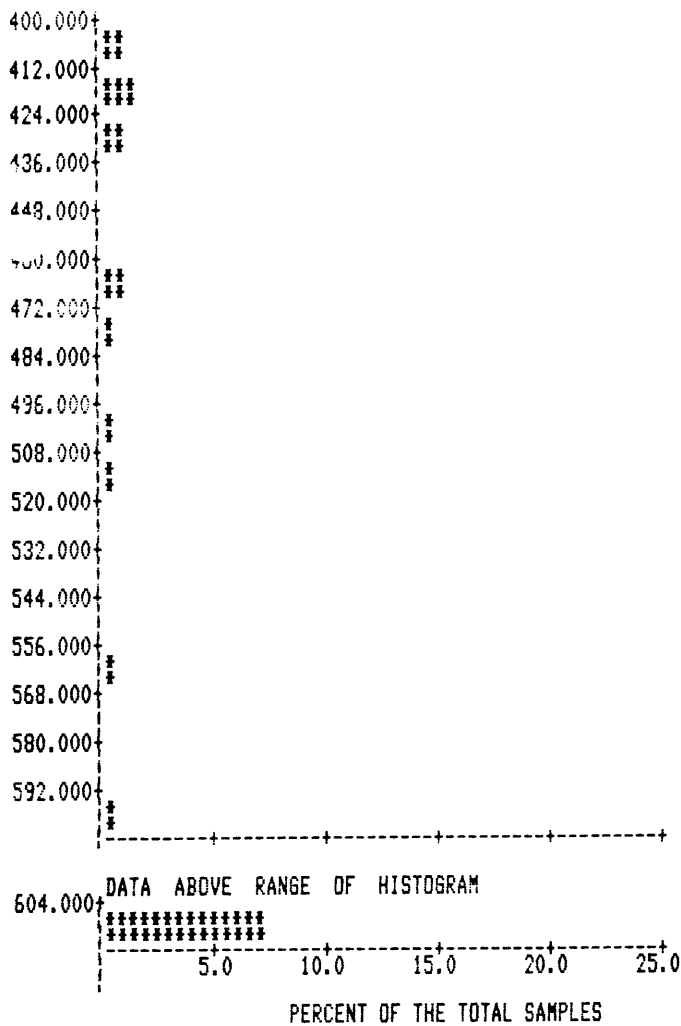


PERCENT OF THE TOTAL SAMPLES

VARIABLE: CU
 NUMBER OF OBSERVATIONS: 189
 MINIMUM: 2.000
 MAXIMUM: 57.000
 MEAN: 23.730
 STANDARD ERROR OF MEAN: 0.926
 STANDARD DEVIATION: 12.734
 COEFFICIENT OF VARIATION: 53.662
 SKEWNESS: 0.763
 KURTOSIS: 0.334

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 |
|----------------------|------------------------------|------------------------------------|---------------------------------|--------------------------------------|-------------|
| 4.000 | 5.29 | 10 | 5.29 | 0.00 | 4.000 |
| 16.000 | 12.17 | 23 | 12.17 | 5.29 | 16.000 |
| 28.000 | 13.23 | 25 | 13.23 | 17.46 | 28.000 |
| 40.000 | 7.94 | 15 | 7.94 | 30.69 | 40.000 |
| 52.000 | 5.82 | 11 | 5.82 | 38.62 | 52.000 |
| 64.000 | 3.17 | 6 | 3.17 | 44.44 | 64.000 |
| 76.000 | 1.59 | 3 | 1.59 | 47.62 | 76.000 |
| 88.000 | 1.06 | 2 | 1.06 | 49.21 | 88.000 |
| 100.000 | 3.70 | 7 | 3.70 | 50.26 | 100.000 |
| 112.000 | 2.65 | 5 | 2.65 | 53.97 | 112.000 |
| 124.000 | 1.59 | 3 | 1.59 | 56.61 | 124.000 |
| 136.000 | 1.59 | 3 | 1.59 | 58.20 | 136.000 |
| 148.000 | 3.70 | 7 | 3.70 | 59.79 | 148.000 |
| 160.000 | 1.59 | 3 | 1.59 | 63.49 | 160.000 |
| 172.000 | 2.65 | 5 | 2.65 | 65.08 | 172.000 |
| 184.000 | 1.59 | 3 | 1.59 | 67.72 | 184.000 |
| 196.000 | 1.59 | 3 | 1.59 | 69.31 | 196.000 |
| 208.000 | 1.06 | 2 | 1.06 | 70.90 | 208.000 |
| 220.000 | 1.06 | 2 | 1.06 | 71.96 | 220.000 |
| 232.000 | 1.59 | 3 | 1.59 | 73.02 | 232.000 |
| 244.000 | 0.00 | 0 | 0.00 | 74.60 | 244.000 |
| 256.000 | 2.12 | 4 | 2.12 | 76.72 | 256.000 |
| 268.000 | 2.12 | 4 | 2.12 | 78.84 | 268.000 |
| 280.000 | 1.59 | 3 | 1.59 | 80.42 | 280.000 |
| 292.000 | 1.06 | 2 | 1.06 | 81.48 | 292.000 |
| 304.000 | 0.53 | 1 | 0.53 | 82.01 | 304.000 |
| 316.000 | 1.06 | 2 | 1.06 | 83.07 | 316.000 |
| 328.000 | 0.00 | 0 | 0.00 | 83.07 | 328.000 |
| 340.000 | 1.06 | 2 | 1.06 | 84.13 | 340.000 |
| 352.000 | 1.06 | 2 | 1.06 | 85.19 | 352.000 |
| 364.000 | 0.00 | 0 | 0.00 | 85.19 | 364.000 |
| 376.000 | 0.00 | 0 | 0.00 | 85.19 | 376.000 |

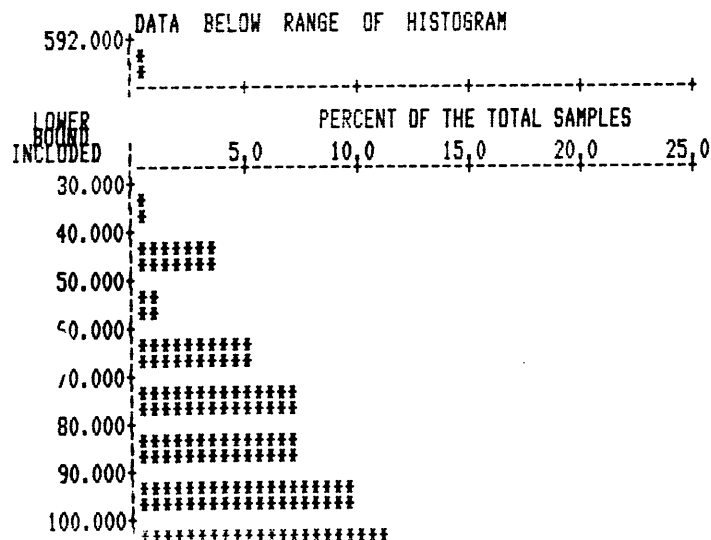


| | | | |
|----|------|-------|---------|
| 2 | 1.06 | 85.71 | 400.000 |
| 3 | 1.59 | 86.77 | 412.000 |
| 2 | 1.06 | 88.36 | 424.000 |
| 0 | 0.00 | 89.42 | 436.000 |
| 0 | 0.00 | 89.42 | 448.000 |
| 0 | 0.00 | 89.42 | 460.000 |
| 2 | 1.06 | 90.48 | 472.000 |
| 1 | 0.53 | 91.01 | 484.000 |
| 0 | 0.00 | 91.01 | 496.000 |
| 1 | 0.53 | 91.53 | 508.000 |
| 1 | 0.53 | 92.06 | 520.000 |
| 0 | 0.00 | 92.06 | 532.000 |
| 0 | 0.00 | 92.06 | 544.000 |
| 0 | 0.00 | 92.06 | 556.000 |
| 1 | 0.53 | 92.59 | 568.000 |
| 0 | 0.00 | 92.59 | 580.000 |
| 0 | 0.00 | 92.59 | 592.000 |
| 1 | 0.53 | | |
| 13 | 6.88 | 93.12 | 604.000 |

PERCENT OF THE TOTAL SAMPLES

VARIABLE: PB
 NUMBER OF OBSERVATIONS: 189
 MINIMUM: 4.000
 MAXIMUM: 4520.000
 MEAN: 203.259
 STANDARD ERROR OF MEAN: 28.086
 STANDARD DEVIATION: 386.116
 COEFFICIENT OF VARIATION: 189.962
 SKEWNESS: 7.766
 KURTOSIS: 80.553

VARIABLE : ZN



| NUMBER OF SAMPLES IN THIS CATEGORY | PERCENTAGE OF THE TOTAL SAMPLES | CUMULATIVE PERCENT BELOW LOWER BOUND | LOWER BOUND |
|------------------------------------|---------------------------------|--------------------------------------|-------------|
| 1 | 0.53 | 0.00 | 592.000 |
| 1 | 0.53 | 0.53 | 30.000 |
| 7 | 3.70 | 1.06 | 40.000 |
| 2 | 1.06 | 4.76 | 50.000 |
| 9 | 4.76 | 5.82 | 60.000 |
| 13 | 6.88 | 10.58 | 70.000 |
| 13 | 6.88 | 17.46 | 80.000 |
| 18 | 9.52 | 24.34 | 90.000 |
| 18 | 9.52 | 33.86 | 100.000 |

| | | | | |
|---------|----|------|-------|---------|
| 120.000 | 17 | 8.99 | 53.97 | 120.000 |
| 130.000 | 9 | 4.76 | 58.73 | 130.000 |
| 140.000 | 17 | 8.99 | 67.72 | 140.000 |
| 150.000 | 9 | 4.76 | 72.49 | 150.000 |
| 160.000 | 3 | 1.59 | 74.07 | 160.000 |
| 170.000 | 3 | 1.59 | 75.66 | 170.000 |
| 180.000 | 7 | 3.70 | 79.37 | 180.000 |
| 190.000 | 5 | 2.65 | 82.01 | 190.000 |
| 200.000 | 5 | 2.65 | 84.66 | 200.000 |
| 210.000 | 5 | 2.65 | 87.30 | 210.000 |
| 220.000 | 2 | 1.06 | 88.36 | 220.000 |
| 230.000 | 1 | 0.53 | 88.89 | 230.000 |
| 240.000 | 2 | 1.06 | 89.95 | 240.000 |
| 250.000 | 2 | 1.06 | 91.01 | 250.000 |
| 260.000 | 0 | 0.00 | 91.01 | 260.000 |
| 270.000 | 0 | 0.00 | 91.01 | 270.000 |
| 280.000 | 2 | 1.06 | 92.06 | 280.000 |
| 290.000 | 1 | 0.53 | 92.59 | 290.000 |
| 300.000 | 2 | 1.06 | 93.65 | 300.000 |
| 310.000 | 2 | 1.06 | 94.71 | 310.000 |
| 320.000 | 0 | 0.00 | 94.71 | 320.000 |
| 330.000 | 1 | 0.53 | 95.24 | 330.000 |
| 340.000 | 0 | 0.00 | 95.24 | 340.000 |
| 350.000 | 0 | 0.00 | 95.24 | 350.000 |
| 360.000 | 0 | 0.00 | 95.24 | 360.000 |
| 370.000 | 1 | 0.53 | 95.77 | 370.000 |
| 380.000 | 1 | 0.53 | 96.30 | 380.000 |
| 390.000 | 0 | 0.00 | 96.30 | 390.000 |
| 400.000 | 0 | 0.00 | 96.30 | 400.000 |
| 410.000 | 0 | 0.00 | 96.30 | 410.000 |
| 420.000 | 1 | 0.53 | 96.83 | 420.000 |
| 430.000 | 1 | 0.53 | 97.35 | 430.000 |
| 440.000 | 0 | 0.00 | 97.35 | 440.000 |
| 450.000 | 0 | 0.00 | 97.35 | 450.000 |
| 460.000 | 1 | 0.53 | 97.88 | 460.000 |
| 470.000 | 0 | 0.00 | 97.88 | 470.000 |
| 480.000 | 0 | 0.00 | 97.88 | 480.000 |
| 490.000 | 0 | 0.00 | 97.88 | 490.000 |
| | 2 | 1.06 | | |
| 530.000 | | | 98.94 | 530.000 |
| | 2 | 1.06 | | |

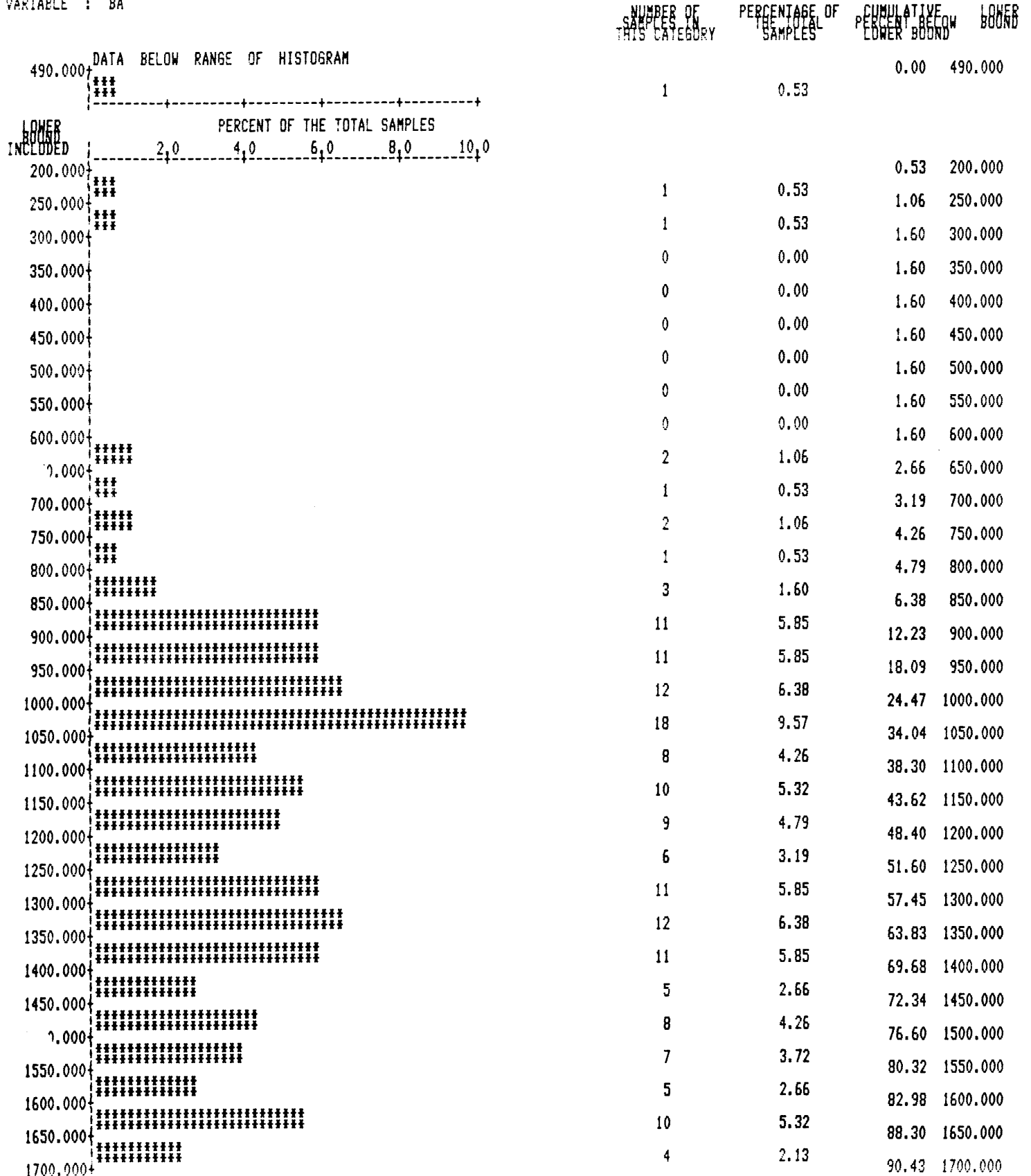
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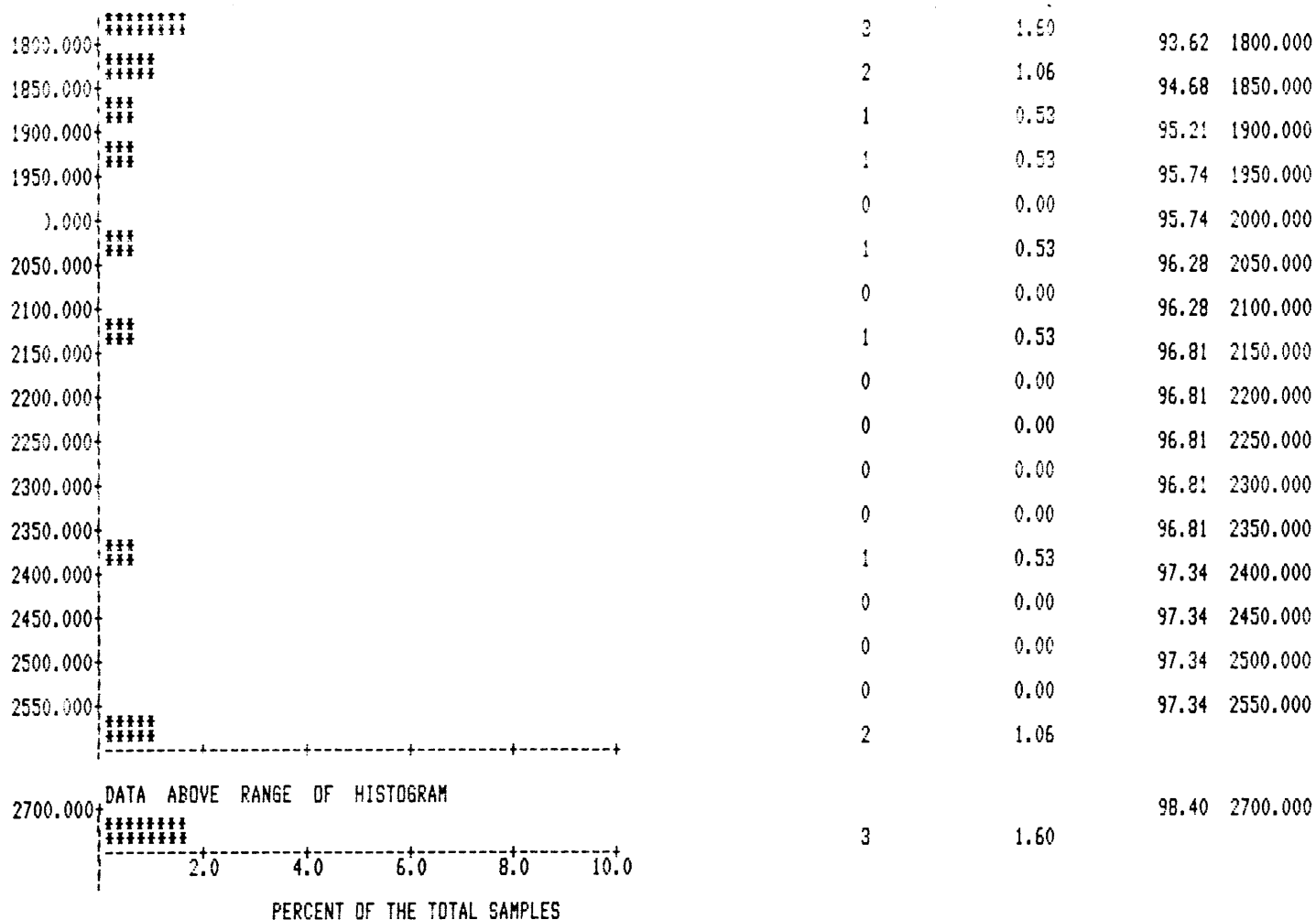
5.0 10.0 15.0 20.0 25.0

PERCENT OF THE TOTAL SAMPLES

VARIABLE: ZN
 NUMBER OF OBSERVATIONS: 189
 MINIMUM: 29.000
 MAXIMUM: 878.000
 MEAN: 143.778
 STANDARD ERROR OF MEAN: 7.407
 STANDARD DEVIATION: 101.828
 COEFFICIENT OF VARIATION: 70.823
 SKEWNESS: 3.240
 KURTOSIS: 15.577

VARIABLE : BA



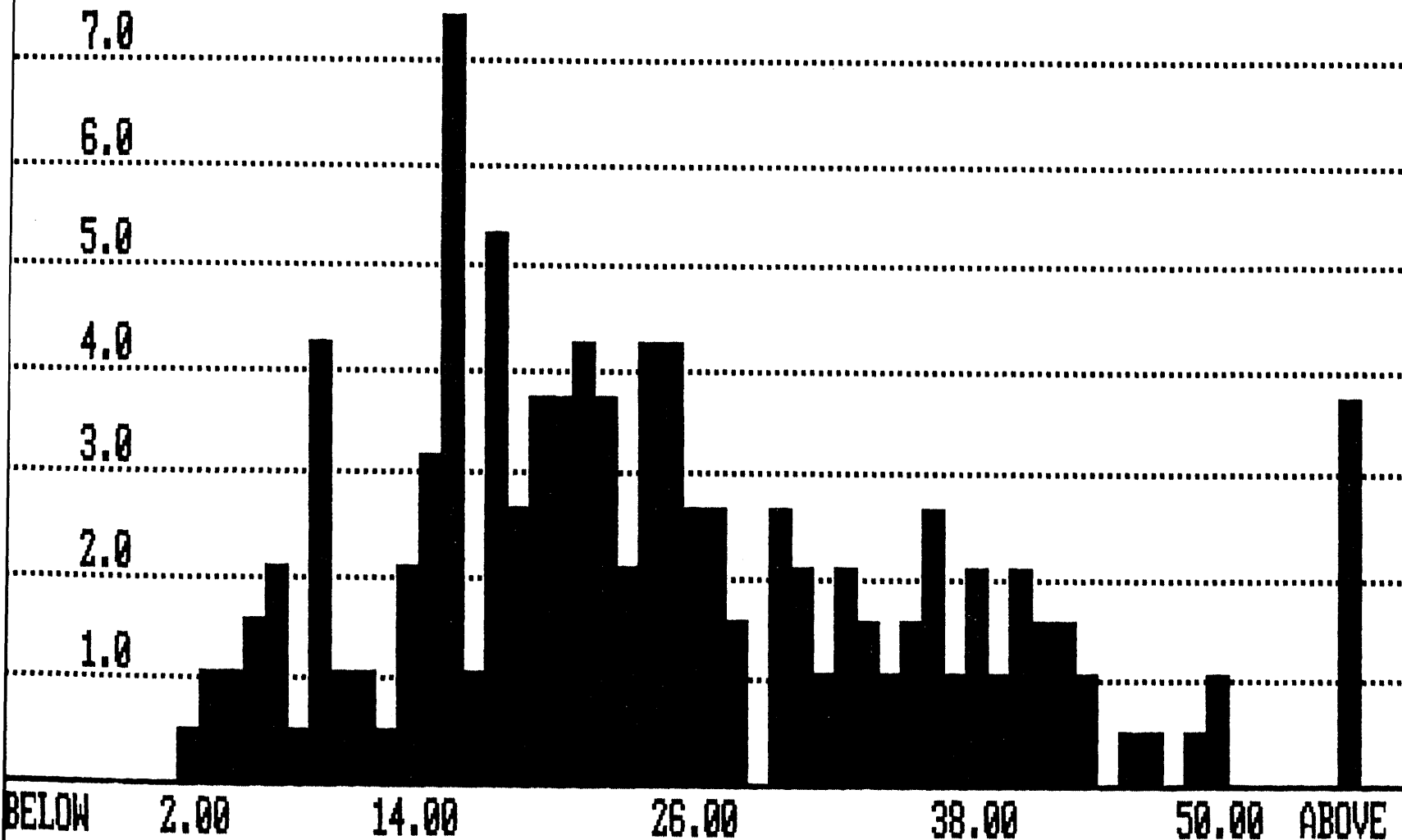


VARIABLE: BA
NUMBER OF OBSERVATIONS: 188
MINIMUM: 188.000
MAXIMUM: 3101.000
MEAN: 1270.048
STANDARD ERROR OF MEAN: 30.022
STANDARD DEVIATION: 411.643
COEFFICIENT OF VARIATION: 32.412
SKEWNESS: 1.191
KURTOSIS: 3.640

PERCENT OF
TOTAL

VARIABLE : CU
MINIMUM : 2.000
MAXIMUM : 67.000

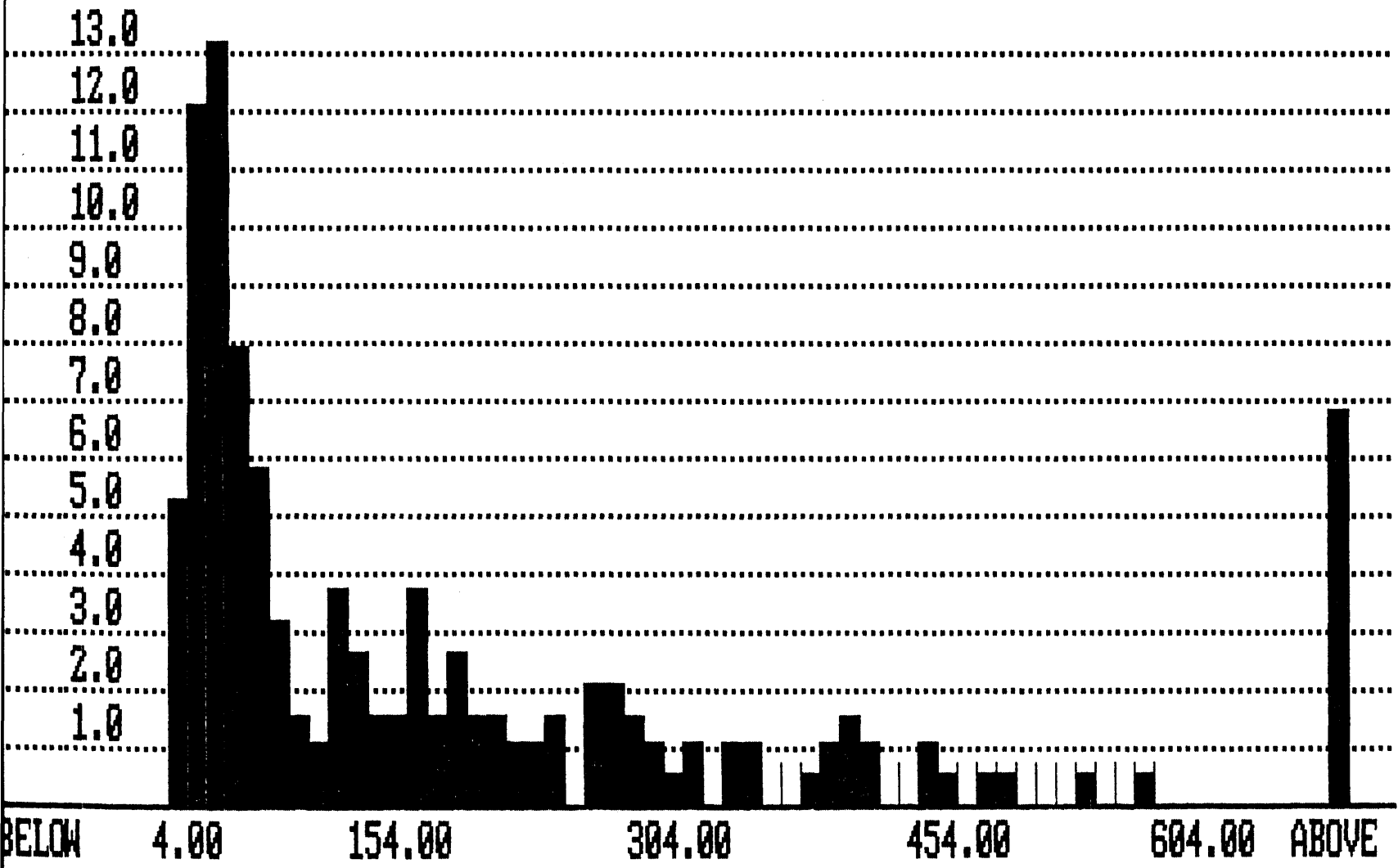
NO. OF OBSERVATIONS: 189
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STD. DEV.: 12.734



PERCENT OF
TOTAL

VARIABLE : PB
MINIMUM : 4.000
MAXIMUM : 4520.000

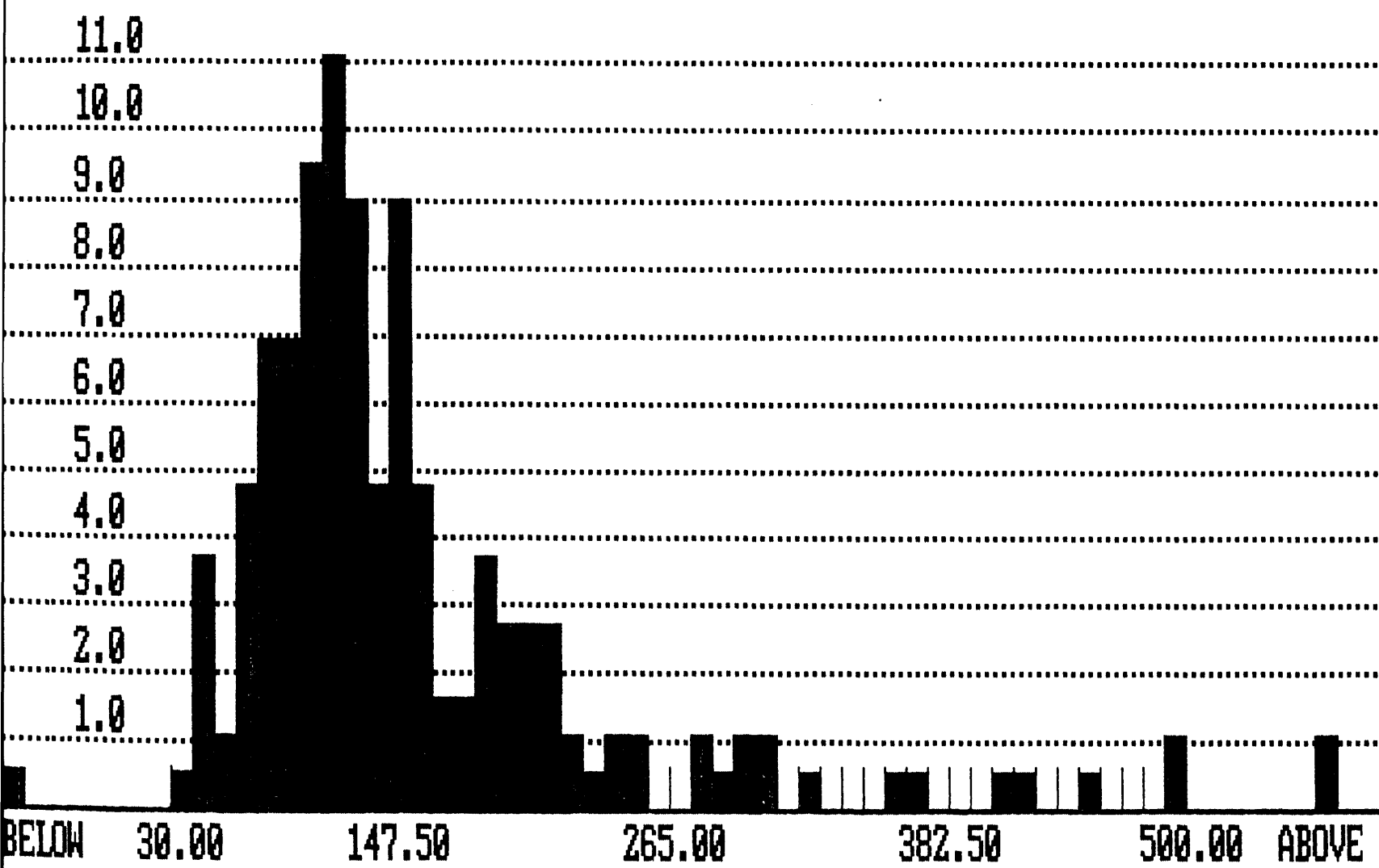
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MEAN : 203.259
STD. DEV.: 386.116



VARIABLE : ZN
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MAXIMUM : 878.000

NO. OF OBSERVATIONS: 189
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STD. DEV.: 101.828

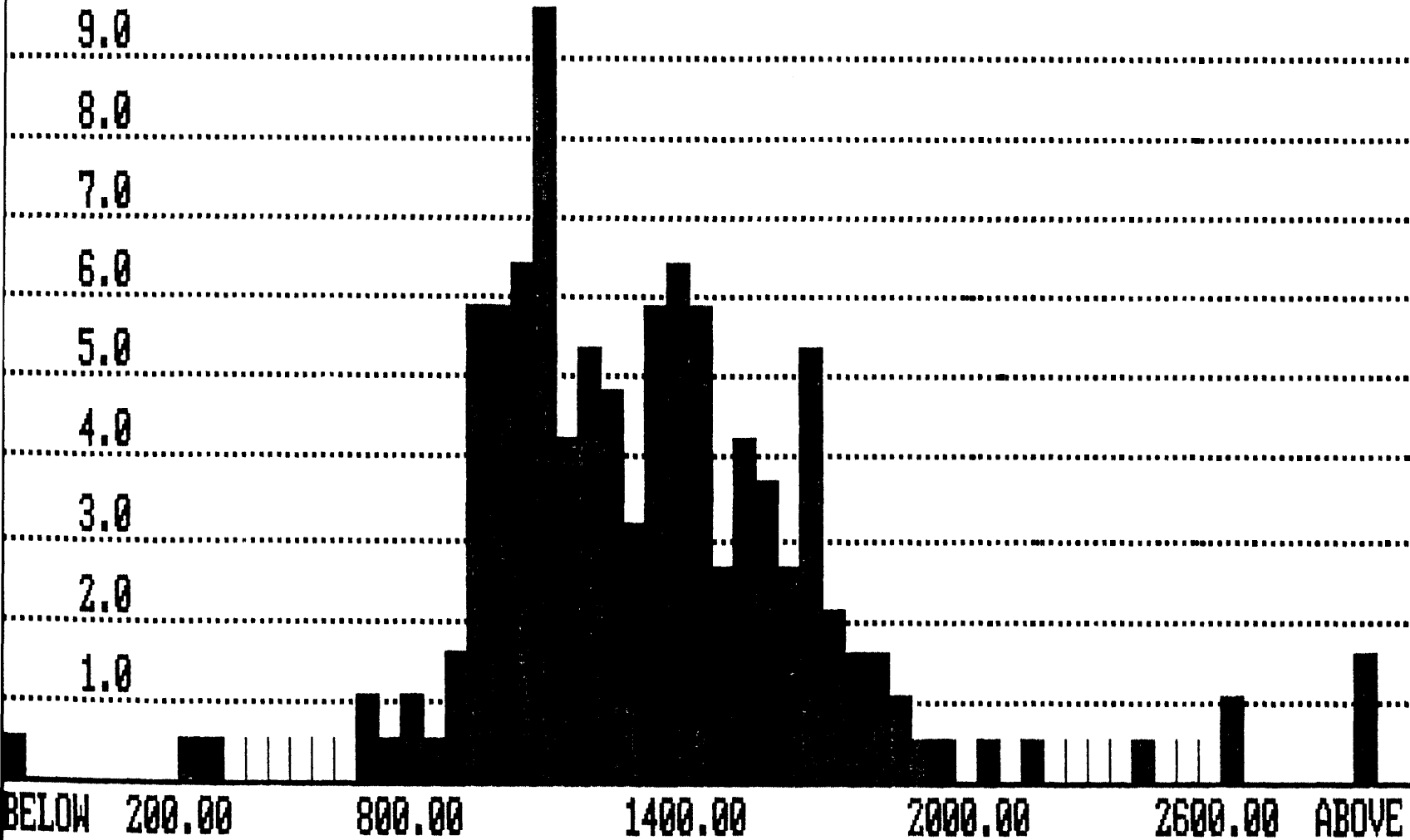
PERCENT OF
TOTAL



PERCENT OF
TOTAL

VARIABLE : BA
MINIMUM : 188.000
MAXIMUM : 3101.000

NO. OF OBSERVATIONS: 188
MEAN : 1270.048
STD. DEV.: 411.643



THE FOLLOWING VARIABLES ARE IN THE DATA SET:

| | | | | | | | | | |
|--------|-------|-------|---------|----------|--------|-------|------|---------|--------|
| FIELD# | E | N | SAMPLER | MATERIAL | ORIGIN | SITE | SIZE | ORGANIC | WETNES |
| S | DEPTH | STEEP | HORIZON | CU PB | ZN AG | AU BA | | | |

LISTING OF ARCHIVAL INFORMATION FOR THE INPUT DATA

ANALYTICAL METHODS

- Cu 20% HNO3 decomposition / AAS
- Pb 20% HNO3 decomposition / AAS
- Zn 20% HNO3 decomposition / AAS
- Ag 20% HNO3 decomposition / AAS
- Au Aqua regia decomposition / solvent extraction / AAS
- Ba X-Ray fluorescence / loose powder

HORIZON codes: 1 = A 2 = B 3 = C

| | | | | | | | | | | | | |
|----------|-------|-------|-------|---|---|---|---|---|---|---|----|----|
| S9218071 | 96100 | 10150 | 10000 | 1 | 1 | 2 | 2 | 2 | 1 | 3 | 25 | 2 |
| S9218072 | 96101 | 10150 | 10025 | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 10 | 3 |
| S9218073 | 96102 | 10150 | 10050 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 10 | 3 |
| S9218074 | 96103 | 10150 | 10075 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 20 | 3 |
| S9218075 | 96104 | 10150 | 10100 | 1 | 1 | 4 | 2 | 2 | 2 | 3 | 30 | 3 |
| S9218076 | 96105 | 10150 | 10125 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 10 | 3 |
| S9218077 | 96106 | 10150 | 10150 | 1 | 1 | 4 | 2 | 3 | 3 | 1 | 25 | 3 |
| S9218078 | 96107 | 10150 | 10175 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 10 | 3 |
| S9218079 | 96108 | 10150 | 10200 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 20 | 3 |
| S9218080 | 96109 | 10150 | 10225 | 1 | 1 | 4 | 2 | 4 | 2 | 1 | 15 | 3 |
| S9218081 | 96110 | 10150 | 10250 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 15 | 3 |
| S9218082 | 96111 | 10150 | 10275 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 25 | 3 |
| S9218083 | 96112 | 10150 | 10300 | 1 | 1 | 4 | 2 | 2 | 3 | 1 | 15 | 3 |
| S9218084 | 96113 | 10150 | 10325 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 10 | 2 |
| S9218085 | 96114 | 10150 | 10350 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 15 | 3 |
| S9218086 | 96115 | 10150 | 10375 | 1 | 1 | 4 | 2 | 3 | 3 | 1 | 15 | 3 |
| S9218087 | 96116 | 10150 | 10400 | 1 | 1 | 4 | 2 | 5 | 3 | 2 | 15 | 3 |
| S9218088 | 96117 | 10150 | 10425 | 1 | 1 | 2 | 2 | 4 | 3 | 1 | 20 | 3 |
| S9218089 | 96118 | 10150 | 10450 | 1 | 1 | 2 | 2 | 5 | 3 | 1 | 20 | 4 |
| S9218090 | 96119 | 10150 | 10475 | 1 | 1 | 4 | 2 | 3 | 3 | 1 | 25 | 3 |
| S9218091 | 96120 | 10150 | 10500 | 1 | 1 | 2 | 2 | 3 | 3 | 1 | 15 | 3 |
| S9218092 | 96140 | 9750 | 10000 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 20 | 3 |
| S9218093 | 96141 | 9750 | 10025 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 30 | 3 |
| S9218094 | 96142 | 9750 | 10050 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218095 | 96143 | 9750 | 10075 | 1 | 1 | 4 | 2 | 2 | 1 | 2 | 30 | 3 |
| S9218096 | 96144 | 9750 | 10100 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218097 | 96145 | 9750 | 10125 | 1 | 1 | 4 | 2 | 3 | 1 | 1 | 30 | 3 |
| S9218098 | 96146 | 9750 | 10150 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 30 | 3 |
| S9218099 | 96147 | 9750 | 10175 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218100 | 96148 | 9750 | 10200 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218101 | 96149 | 9750 | 10225 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218102 | 96150 | 9750 | 10250 | 1 | 1 | 2 | 2 | 3 | 3 | 1 | 25 | 3 |
| S9218103 | 96151 | 9750 | 10275 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 25 | 3 |
| S9218104 | 96152 | 9750 | 10300 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 25 | 2 |
| S9218105 | 96153 | 9750 | 10325 | 1 | 1 | 4 | 2 | 2 | 2 | 2 | 20 | 3 |
| S9218106 | 96154 | 9750 | 10350 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 20 | 4 |
| S9218107 | 96155 | 9750 | 10375 | 1 | 1 | 2 | 2 | 3 | 3 | 1 | 15 | 4 |
| S9218108 | 96156 | 9750 | 10400 | 1 | 1 | 4 | 2 | 3 | 3 | 1 | 10 | 4 |
| S9218109 | 96157 | 9750 | 10425 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 25 | 4 |
| S9218110 | 96158 | 9750 | 10450 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218111 | 96159 | 9750 | 10475 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 20 | 3 |
| S9218112 | 96160 | 9750 | 10500 | 1 | 1 | 4 | 2 | 3 | 1 | 2 | 20 | 2 |
| S9218113 | 96161 | 9650 | 10000 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 20 | 2 |
| S9218114 | 96162 | 9650 | 10025 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218115 | 96163 | 9650 | 10050 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218116 | 96164 | 9650 | 10075 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218117 | 96165 | 9650 | 10100 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218118 | 96166 | 9650 | 10125 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218119 | 96167 | 9650 | 10150 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218120 | 96168 | 9650 | 10175 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218121 | 96169 | 9650 | 10200 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218122 | 96170 | 9650 | 10225 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218123 | 96171 | 9650 | 10250 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218124 | 96172 | 9650 | 10275 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218125 | 96173 | 9650 | 10300 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218126 | 96174 | 9650 | 10325 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 20 | 3 |
| S9218127 | 96175 | 9650 | 10350 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218128 | 96176 | 9650 | 10375 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218129 | 96177 | 9650 | 10400 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218130 | 96178 | 9650 | 10425 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 30 | 2. |

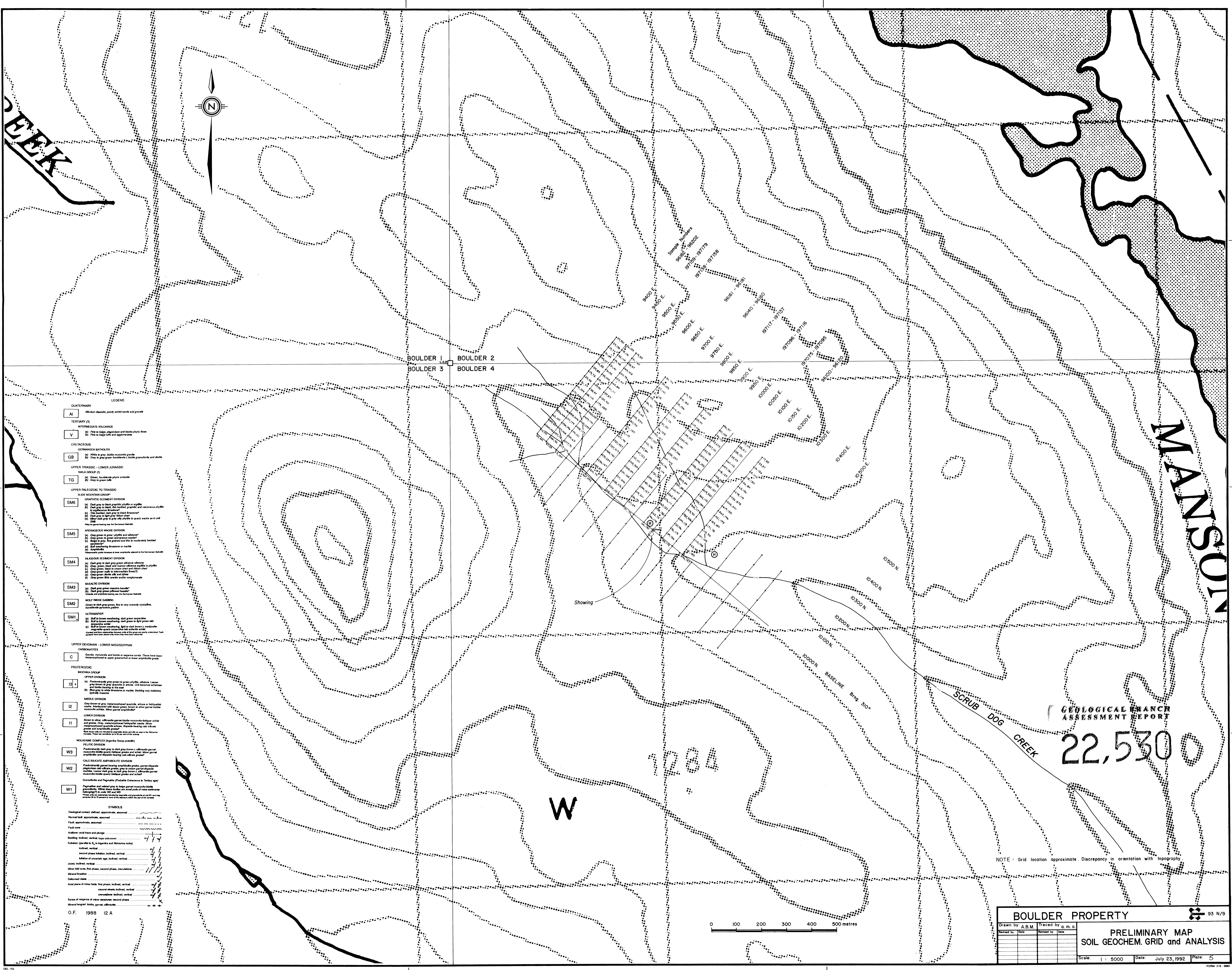
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|----------|--------|-------|-------|---|---|---|---|---|---|---|----|----|
| S9218131 | 96179 | 9650 | 10450 | 1 | 1 | 2 | 2 | 2 | 3 | 2 | 30 | 2 |
| S9218132 | 96180 | 9650 | 10475 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 20 | 3 |
| S9218133 | 96181 | 9650 | 10500 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 30 | 3 |
| S9218134 | 96182 | 9400 | 10000 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 20 | 2 |
| S9218135 | 96183 | 9400 | 10025 | 1 | 1 | 2 | 2 | 3 | 3 | 1 | 20 | 1 |
| S9218136 | 96184 | 9400 | 10050 | 1 | 1 | 2 | 2 | 2 | 3 | 1 | 20 | 3 |
| S9218137 | 96185 | 9400 | 10075 | 1 | 1 | 2 | 3 | 5 | 3 | 2 | 30 | 1 |
| S9218138 | 96186 | 9400 | 10100 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 40 | 2 |
| S9218139 | 96187 | 9400 | 10125 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218140 | 96188 | 9400 | 10150 | 1 | 1 | 4 | 2 | 3 | 2 | 1 | 30 | 3 |
| S9218141 | 96189 | 9400 | 10175 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 25 | 3 |
| S9218142 | 96190 | 9400 | 10200 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 30 | 3 |
| S9218143 | 96191 | 9400 | 10225 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 20 | 3 |
| S9218144 | 96192 | 9400 | 10250 | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218145 | 96193 | 9400 | 10275 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 20 | 3 |
| S9218146 | 96194 | 9400 | 10300 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 25 | 3 |
| S9218147 | 96195 | 9400 | 10325 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 20 | 3 |
| S9218148 | 96196 | 9400 | 10350 | 1 | 1 | 4 | 2 | 3 | 1 | 2 | 30 | 3 |
| S9218149 | 96197 | 9400 | 10375 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218150 | 96198 | 9400 | 10400 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218151 | 96199 | 9400 | 10425 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 20 | 3 |
| S9218152 | 96200 | 9400 | 10450 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 20 | 3 |
| S9218153 | 96201 | 9400 | 10475 | 1 | 1 | 2 | 3 | 5 | 3 | 3 | 50 | 3 |
| S9218154 | 96202 | 9400 | 10500 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218173 | 197075 | 10050 | 10000 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218174 | 197076 | 10050 | 10025 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 30 | 2 |
| S9218175 | 197077 | 10050 | 10050 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218176 | 197078 | 10050 | 10075 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218177 | 197079 | 10050 | 10100 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218178 | 197080 | 10050 | 10125 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218179 | 197081 | 10050 | 10150 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218180 | 197082 | 10050 | 10175 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 30 | 2 |
| S9218181 | 197083 | 10050 | 10200 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 30 | 2 |
| S9218182 | 197084 | 10050 | 10225 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218183 | 197085 | 10050 | 10250 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 1 |
| S9218184 | 197086 | 10050 | 10275 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
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| S9218186 | 197088 | 10050 | 10325 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 30 | 2 |
| S9218187 | 197089 | 10050 | 10350 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218188 | 197090 | 10050 | 10375 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 2 |
| S9218189 | 197091 | 10050 | 10400 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 30 | 1 |
| S9218190 | 197092 | 10050 | 10425 | 2 | 1 | 4 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218191 | 197093 | 10050 | 10450 | 2 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218192 | 197094 | 10050 | 10475 | 2 | 1 | 4 | 2 | 2 | 1 | 1 | 30 | 3 |
| S9218193 | 197095 | 10050 | 10500 | 2 | 1 | 4 | 2 | 4 | 1 | 1 | 30 | 3 |
| S9218194 | 197096 | 9950 | 10000 | 2 | 1 | 4 | 2 | 2 | 3 | 1 | 10 | 3 |
| S9218195 | 197097 | 9950 | 10025 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
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| S9218198 | 197100 | 9950 | 10100 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 2 |
| S9218199 | 197101 | 9950 | 10125 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 2 |
| S9218200 | 197102 | 9950 | 10150 | 2 | 1 | 4 | 2 | 3 | 2 | 1 | 30 | 2 |
| S9218201 | 197103 | 9950 | 10175 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 2 |
| S9218202 | 197104 | 9950 | 10200 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218203 | 197105 | 9950 | 10225 | 2 | 1 | 2 | 2 | 2 | 3 | 1 | 30 | 2 |
| S9218204 | 197106 | 9950 | 10250 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 10 | 3 |
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| S9218206 | 197108 | 9950 | 10300 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 3 |
| S9218207 | 197109 | 9950 | 10325 | 2 | 1 | 2 | 2 | 3 | 2 | 1 | 30 | 3 |
| S9218208 | 197110 | 9950 | 10350 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3. |

| | | | | | | | | | | | | |
|----------|--------|------|-------|---|---|---|---|---|---|---|----|---|
| S9218209 | 197111 | 9950 | 10375 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 30 | 2 |
| S9218210 | 197112 | 9950 | 10400 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218211 | 197113 | 9950 | 10425 | 2 | 1 | 2 | 2 | 3 | 2 | 2 | 30 | 2 |
| S9218212 | 197114 | 9950 | 10450 | 2 | 1 | 4 | 2 | 3 | 3 | 1 | 30 | 2 |
| S9218213 | 197115 | 9950 | 10475 | 2 | 1 | 4 | 2 | 3 | 2 | 1 | 30 | 3 |
| S9218214 | 197116 | 9950 | 10500 | 2 | 1 | 2 | 2 | 3 | 3 | 3 | 30 | 3 |
| S9218215 | 197117 | 9850 | 10000 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218216 | 197118 | 9850 | 10025 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 30 | 2 |
| S9218217 | 197119 | 9850 | 10050 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218218 | 197120 | 9850 | 10075 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 40 | 3 |
| S9218219 | 197121 | 9850 | 10100 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218220 | 197122 | 9850 | 10125 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218221 | 197123 | 9850 | 10150 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218222 | 197124 | 9850 | 10175 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 2 |
| S9218223 | 197125 | 9850 | 10200 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 3 |
| S9218224 | 197126 | 9850 | 10225 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 35 | 2 |
| S9218225 | 197127 | 9850 | 10250 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218226 | 197128 | 9850 | 10275 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 35 | 2 |
| S9218227 | 197129 | 9850 | 10300 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 35 | 2 |
| S9218228 | 197130 | 9850 | 10325 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 20 | 3 |
| S9218229 | 197131 | 9850 | 10350 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 40 | 2 |
| S9218230 | 197132 | 9850 | 10375 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 35 | 2 |
| S9218231 | 197133 | 9850 | 10400 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218232 | 197134 | 9850 | 10425 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 30 | 2 |
| S9218233 | 197135 | 9850 | 10450 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218234 | 197136 | 9850 | 10475 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | 30 | 4 |
| S9218235 | 197137 | 9850 | 10500 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 4 |
| S9218236 | 197138 | 9550 | 10000 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 20 | 2 |
| S9218237 | 197139 | 9550 | 10025 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218238 | 197140 | 9550 | 10050 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 30 | 3 |
| S9218239 | 197141 | 9550 | 10075 | 2 | 1 | 2 | 4 | 1 | 2 | 2 | 30 | 3 |
| S9218240 | 197142 | 9550 | 10100 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 1 |
| S9218241 | 197143 | 9550 | 10125 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 20 | 3 |
| S9218242 | 197144 | 9550 | 10150 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218243 | 197145 | 9550 | 10175 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218244 | 197146 | 9550 | 10200 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218245 | 197147 | 9550 | 10225 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218246 | 197148 | 9550 | 10250 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 40 | 2 |
| S9218247 | 197149 | 9550 | 10275 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218248 | 197150 | 9550 | 10300 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218249 | 197151 | 9550 | 10325 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218250 | 197152 | 9550 | 10350 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218251 | 197153 | 9550 | 10375 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218252 | 197154 | 9550 | 10400 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218253 | 197155 | 9550 | 10425 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218254 | 197156 | 9550 | 10450 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218255 | 197157 | 9550 | 10475 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218256 | 197158 | 9550 | 10500 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218257 | 197159 | 9450 | 10000 | 2 | 1 | 2 | 2 | 2 | 3 | 2 | 20 | 3 |
| S9218258 | 197160 | 9450 | 10025 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218259 | 197161 | 9450 | 10050 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 30 | 2 |
| S9218260 | 197162 | 9450 | 10075 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 40 | 2 |
| S9218261 | 197163 | 9450 | 10100 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 3 |
| S9218262 | 197164 | 9450 | 10125 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218263 | 197165 | 9450 | 10150 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218264 | 197166 | 9450 | 10175 | 2 | 1 | 2 | 3 | 2 | 2 | 2 | 30 | 2 |
| S9218265 | 197167 | 9450 | 10200 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 3 |
| S9218266 | 197168 | 9450 | 10225 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 3 |
| S9218267 | 197169 | 9450 | 10250 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218268 | 197170 | 9450 | 10275 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |

| SAMPLE NO | FIELD# | E | N | SAMPLER | MATERIAL | ORIGIN | SITE | SIZE | ORGANIC | WETNESS | DEPTH | STEEP |
|-----------|--------|------|-------|---------|----------|--------|------|------|---------|---------|-------|-------|
| S9218269 | 197171 | 9450 | 10300 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218270 | 197172 | 9450 | 10325 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218271 | 197173 | 9450 | 10350 | 2 | 1 | 4 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218272 | 197174 | 9450 | 10375 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 30 | 2 |
| S9218273 | 197175 | 9450 | 10400 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218274 | 197176 | 9450 | 10425 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 3 |
| S9218275 | 197177 | 9450 | 10450 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 30 | 2 |
| S9218276 | 197178 | 9450 | 10475 | 2 | 1 | 2 | 3 | 2 | 3 | 2 | 30 | 2 |
| S9218277 | 197179 | 9450 | 10500 | 2 | 1 | 2 | 2 | 2 | 3 | 3 | 30 | 2 |

ATTACHMENTS

| Plate | | Scale |
|--------------|---|-----------------|
| (1) | Location Map | |
| (2) | Claim Map | 1:50,000 |
| (3) | Preliminary Map Surface Geology & claim location | 1:10,000 |
| (4) | Preliminary Map Surface Geology | 1:5,000 |
| (5) | Preliminary Map Soil Geochem Grid and partial analysis | 1:5,000 |



- LEGEND**
- QUATERNARY**
- AI Alluvial deposits, poorly sorted sands and gravels
- TERTIARY (T)**
- INTERMEDIATE VOLCANICS**
- V (M) Pink to beige, oligoclase and biotite phytic flows
 - (N) Pink to beige ash and agglomerates
- CRETACEOUS**
- GRANITIC BATHOLITH**
- GB (Q) White to grey, biotite muscovite granite
 - (R) Grey to grey green, hornblende to biotite granodiorite and diorite
- UPPER TRIASSIC - LOWER JURASSIC**
- TARLA GROUP (T)**
- TG (Q) Green, hornblende-phyc monzite
 - (R) Grey to green tuffs
- UPPER PALEOZOIC TO TRIASSIC**
- SLIDE MOUNTAIN GROUP**
- GRANITIC INTRUSION DIVISION**
- SM6 (Q) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (R) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (M) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (N) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (S) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (T) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (U) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (V) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (W) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (X) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (Y) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
 - (Z) Dark grey to black, orthoclase, plagioclase or quartz in a biotite monzite
- AFRICANIC DIVISION**
- SM5 (Q) Green to grey, orthoclase, plagioclase or quartz
 - (R) Grey to green, orthoclase, plagioclase or quartz
 - (M) Dark grey to black, orthoclase, plagioclase or quartz
 - (N) Dark grey to black, orthoclase, plagioclase or quartz
 - (S) Dark grey to black, orthoclase, plagioclase or quartz
 - (T) Dark grey to black, orthoclase, plagioclase or quartz
 - (U) Dark grey to black, orthoclase, plagioclase or quartz
 - (V) Dark grey to black, orthoclase, plagioclase or quartz
 - (W) Dark grey to black, orthoclase, plagioclase or quartz
 - (X) Dark grey to black, orthoclase, plagioclase or quartz
 - (Y) Dark grey to black, orthoclase, plagioclase or quartz
 - (Z) Dark grey to black, orthoclase, plagioclase or quartz
- SARIC DIVISION**
- SM4 (Q) Dark grey to black, orthoclase, plagioclase or quartz
 - (R) Grey to green, orthoclase, plagioclase or quartz
 - (M) Dark grey to black, orthoclase, plagioclase or quartz
 - (N) Dark grey to black, orthoclase, plagioclase or quartz
 - (S) Dark grey to black, orthoclase, plagioclase or quartz
 - (T) Dark grey to black, orthoclase, plagioclase or quartz
 - (U) Dark grey to black, orthoclase, plagioclase or quartz
 - (V) Dark grey to black, orthoclase, plagioclase or quartz
 - (W) Dark grey to black, orthoclase, plagioclase or quartz
 - (X) Dark grey to black, orthoclase, plagioclase or quartz
 - (Y) Dark grey to black, orthoclase, plagioclase or quartz
 - (Z) Dark grey to black, orthoclase, plagioclase or quartz
- BASALTIC DIVISION**
- SM3 (Q) Dark grey to black, orthoclase, plagioclase or quartz
 - (R) Grey to green, orthoclase, plagioclase or quartz
 - (M) Dark grey to black, orthoclase, plagioclase or quartz
 - (N) Dark grey to black, orthoclase, plagioclase or quartz
 - (S) Dark grey to black, orthoclase, plagioclase or quartz
 - (T) Dark grey to black, orthoclase, plagioclase or quartz
 - (U) Dark grey to black, orthoclase, plagioclase or quartz
 - (V) Dark grey to black, orthoclase, plagioclase or quartz
 - (W) Dark grey to black, orthoclase, plagioclase or quartz
 - (X) Dark grey to black, orthoclase, plagioclase or quartz
 - (Y) Dark grey to black, orthoclase, plagioclase or quartz
 - (Z) Dark grey to black, orthoclase, plagioclase or quartz
- WOLF RIVER GABBRO**
- SM2 (Q) Green to grey, orthoclase, plagioclase or quartz
 - (R) Grey to green, orthoclase, plagioclase or quartz
 - (M) Dark grey to black, orthoclase, plagioclase or quartz
 - (N) Dark grey to black, orthoclase, plagioclase or quartz
 - (S) Dark grey to black, orthoclase, plagioclase or quartz
 - (T) Dark grey to black, orthoclase, plagioclase or quartz
 - (U) Dark grey to black, orthoclase, plagioclase or quartz
 - (V) Dark grey to black, orthoclase, plagioclase or quartz
 - (W) Dark grey to black, orthoclase, plagioclase or quartz
 - (X) Dark grey to black, orthoclase, plagioclase or quartz
 - (Y) Dark grey to black, orthoclase, plagioclase or quartz
 - (Z) Dark grey to black, orthoclase, plagioclase or quartz
- ULTRAFIC**
- SM1 (Q) Dark grey to black, orthoclase, plagioclase or quartz
 - (R) Grey to green, orthoclase, plagioclase or quartz
 - (M) Dark grey to black, orthoclase, plagioclase or quartz
 - (N) Dark grey to black, orthoclase, plagioclase or quartz
 - (S) Dark grey to black, orthoclase, plagioclase or quartz
 - (T) Dark grey to black, orthoclase, plagioclase or quartz
 - (U) Dark grey to black, orthoclase, plagioclase or quartz
 - (V) Dark grey to black, orthoclase, plagioclase or quartz
 - (W) Dark grey to black, orthoclase, plagioclase or quartz
 - (X) Dark grey to black, orthoclase, plagioclase or quartz
 - (Y) Dark grey to black, orthoclase, plagioclase or quartz
 - (Z) Dark grey to black, orthoclase, plagioclase or quartz
- UPPER DEVONIAN - LOWER MISSISSIPPIAN**
- CONGLOMERATE**
- C Sandstone, conglomerate and biotite or quartzite. These have been metamorphosed to lower granulite or lower amphibolite grade.
- PROTEROZOIC**
- WOLF RIVER GROUP**
- UPPER DIVISION**
- I3 (M) Predominantly grey green to grey phyllite, shales. Lesser grey shales to grey quartzite or shales. Well developed schistosity.
 - (R) Blue grey to dark blue or black. Shales, shaly sandstone, micaceous shales. Minor garnet amphibolite.
- MIDDLE DIVISION**
- I2 Grey shales to grey metamorphosed quartzite, shales or schistosity. Minor quartzite, shales, shaly sandstone. Minor garnet amphibolite.
- LOWER DIVISION**
- I1 Shales to shaly, siliceous green biotite muscovite schistosity. Minor metamorphosed quartzite, shales, shaly sandstone. Minor garnet amphibolite.
- WOLF RIVER COMPLEX (Ingersoll Group possible)**
- Pelite Division**
- W3 Predominantly dark grey to dark grey-brown, siliceous green, micaceous shales, shaly sandstone and shales. Minor garnet amphibolite.
- CALC-SILICATE AMPHIBOLITE DIVISION**
- W2 Predominantly dark grey to dark grey-brown, siliceous green, micaceous shales, shaly sandstone and shales. Minor garnet amphibolite.
- W1**
- Granulite and Pyroxene (Proterozoic to Tertiary age)
- SYMBOLS**
- Geological contact: defined, approximate, assumed
 - Normal fault: approximate, assumed
 - Fault: approximate, assumed
 - Fault zone
 - Antiform: axial trace and plunge
 - Bedding: inclined, vertical, type unknown
 - Foliation: parallel to S₁, S₂ to horizontal and otherwise noted
 - Inclined, vertical
 - second phase foliation, inclined, vertical
 - foliation of various ages, inclined, vertical
 - Joints: inclined, vertical
 - Minor fold axes, first phase, second phase, overthrust
 - Mineral lineation
 - Delimited zone
 - Axial plane of minor folds, first phase, inclined, vertical
 - second phase, inclined, vertical
 - overthrust, inclined, vertical
 - Space of vergence of minor structures: second phase
 - Mineral lineation, garnet, sillimanite

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,530

NOTE: Grid location approximate. Discrepancy in orientation with topography

| | | | |
|--|---------------------|----------|--|
| BOULDER PROPERTY | | 93 N/9 | |
| Drawn by: A.B.M. | Traced by: a.m.o. | | |
| Revised by: Date | Revised by: Date | | |
| | | | |
| PRELIMINARY MAP | | | |
| SOIL GEOCHEM. GRID and ANALYSIS | | | |
| Scale: 1 : 5000 | Date: July 23, 1992 | Plate: 5 | |

