85-1210-14453

# GEOLOGIC AND GEOCHEMICAL SURVEYS

# BUTTE-X-CAL CLAIM

N.T.S. 92J/10E

Lillooet Mining Division

Lat. 50° 42' [redacted] N Long. 122° 40'W

FILMED

Owner: Hudson Bay Exploration and
Development Company Limited

Operator: Hudson Bay Exploration and
Development Company Limited

Author: Michael Lancaster

19 December 1985

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,453

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## PLATES

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# INTRODUCTION

## Location and Access

The Butte-X-Cal claim is located 165 kilometers northerly from Vancouver in the Bralorne gold camp (plate 1). This claim is 12 kilometers southeast of Bralorne (plate 2) and is west of Cadwallader Creek in an area of steep, precipitous terrain with elevations ranging from 1200 to 2300 meters.

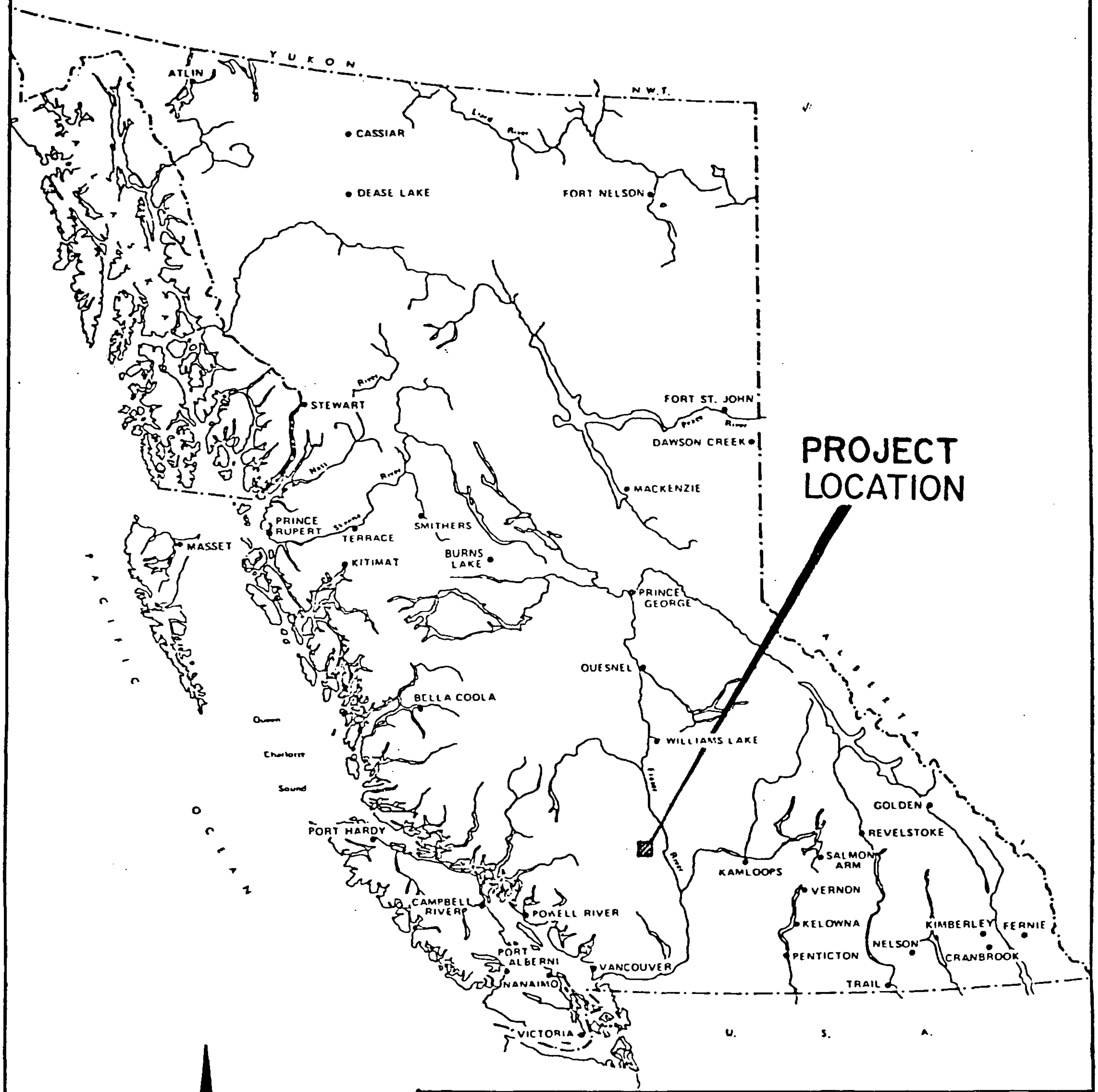
Access to this claim block is by helicopter from Pemberton 45 kilometers to the south, or from Lillooet, 56 kilometers to the east. At present, a rough road extends along Cadwallader Creek to the eastern edge of the Butte-X-Cal claim. A bridge across Cadwallader Creek is required to access the lower areas of this claim.

## Claims

The Butte-X-Cal claim consists of 20 contiguous units with pertinent information listed below (plate 3).

| Claim (units) | Record No. | Record Date |
|---|---|---|
| Butte-X-Cal (20) | 2301 | 14 FEB 83 |

The current owner and operator of this claim is Hudson Bay Exploration and Development Company Limited, 900-837 W. Hastings Street, Vancouver, B.C.



HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED
VANCOUVER OFFICE

ANDERSON LAKE, BUTTE X-CAL & TRUCK -PAYMASTER PROJECTS

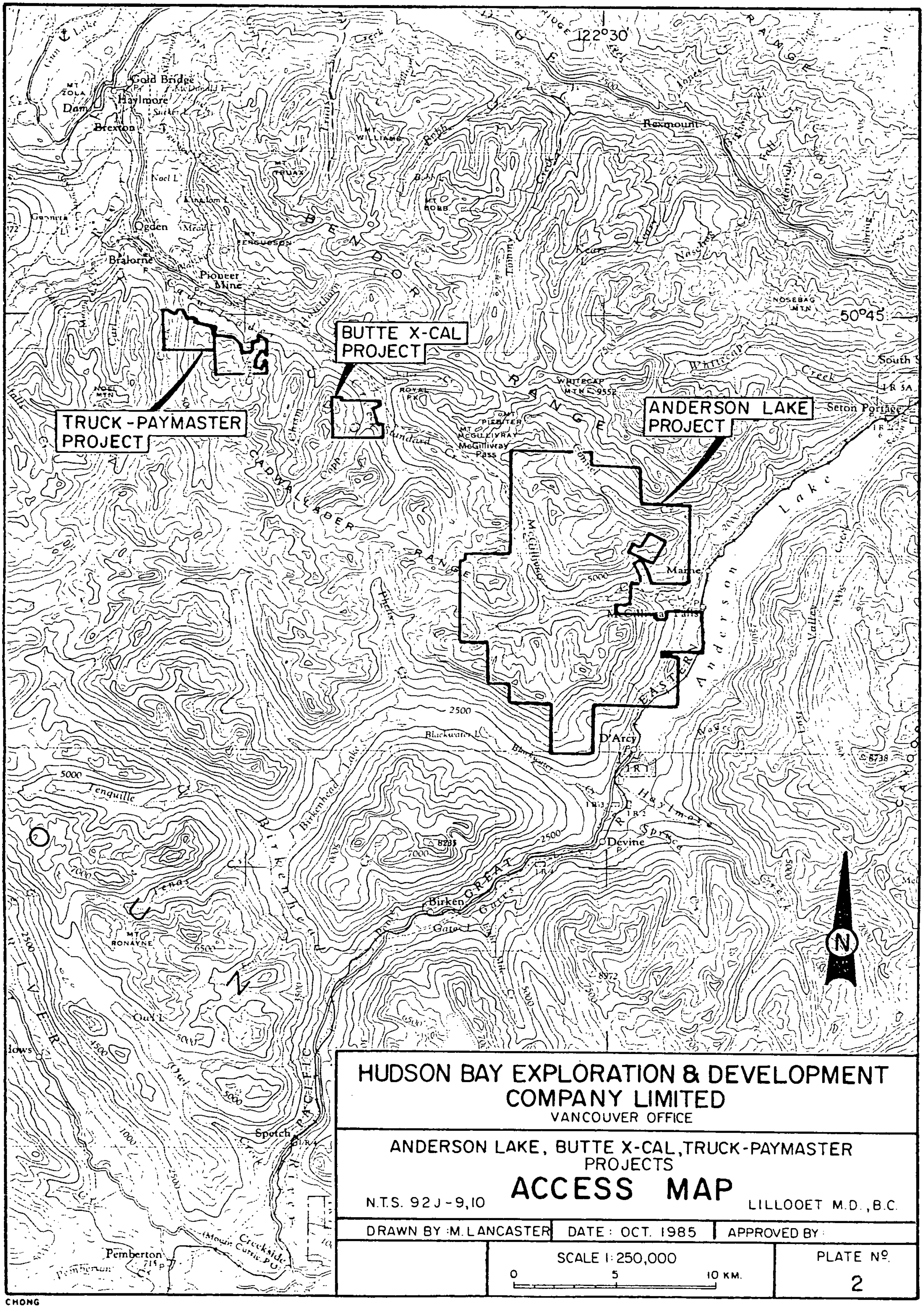
## LOCATION MAP

N.T.S. 92J-9,10

LILLOOET M.D., B.C.

| | | |
|---|---|---|
| DRAWN BY: M.LANCASTER | DATE: | APPROVED BY |
| BRITISH COLUMBIA | SCALE 1:7,500,000<br>0 100 200 300 KM. | PLATE Nº. 1 |

CHONG



# HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED

VANCOUVER OFFICE

## ANDERSON LAKE, BUTTE X-CAL, TRUCK-PAYMASTER PROJECTS

# ACCESS MAP

N.T.S. 92J-9,10

LILLOOET M.D., B.C.

| DRAWN BY: M. LANCASTER | DATE: OCT. 1985 | APPROVED BY: |
|---|---|---|
|  | SCALE 1:250,000<br>0 5 10 KM. | PLATE Nº.<br>2 |

CHONG

## Property History

Gold was discovered in the Bridge River, Cadwallader Creek area in 1896. This district subsequently became the most productive in Western Canada. Including both Bralorne and Pioneer Mines, this camp produced approximately 7.95 million tons averaging 0.522 oz/ton gold and 0.12 oz/ton silver for an Au/Ag ratio of 4:1. Ore bodies consisting of ribboned quartz veins were mined from surface to a depth of 1875 meters with no observable change in mineralogy or gold values. Veins averaged one meter in width with most ore shoots under 250 meters in length. Sulphide content within ore shoots ranged from 1 to 3 percent by volume.

Within this claim, Butte IXL workings consisted of an adit and shaft, both of which are now inaccessible. These workings were made in 1933, the last time any amount of activity took place. Reportedly, two quartz veins, one in sediments and one in volcanics were exposed in these workings. Pyrrhotite, chalcopyrite, sphalerite and minor pyrite, galena and arsenopyrite were found within the veins. Select grab samples of dump vein material contained 65 ppb Au (Hudson Bay) and 120 ppb gold (X-Cal).

North of Aggie Creek, 3 old adits were located between 1585-1860 meters elevation. These workings were all driven on aplite dykes with minor associated quartz veining by Red Hawk Gold Mines around 1933. Hudson Bay sampling of dump material failed to reveal any anomalous values.

## Economic Assessment of Property

The area covered by this claim has undergone intense prospecting since the early 1930's. No significant production has been recorded from this claim and no precious metal mineralization was noted during the course of present investigations.

## Summary Of Work Performed

During this program 511 soil samples, 69 rock samples, 11 heavy mineral samples and 15 silt samples for a total of 606 samples were collected. This sampling blankets the entire claim.

Geologic mapping was carried out at a scale of 1:2500. A base map was prepared by expanding a 1:50000 scale topographic map. Control was established by means of altimeter, compass and topofil thread chaining. Mapping was conducted over the entire claim.

## REGIONAL GEOLOGY

The Bridge River gold camp is within the Pemberton map sheet 92J by Roddick and Hutchison (1973) and Woodsworth (1977). The geology and mineral deposit descriptions of the Bridge River area are reported by McCann (1922), Cairnes (1937, 1943), Joubin (1948), and have been summarized by Pearson (1975) and Woodsworth et al (1977).

Regionally, the area of interest lies at the border between the western Coast Range Plutonic Complex and the eastern Intermontane Belt. Late Cretaceous to Early Tertiary Bendor Intrusives composed of granodiorite and quartz diorite have cut Triassic and Cretaceous strata of a large complex, northwest plunging antiform. The Triassic-Jurassic Bridge River (Fergusson) Group, an oceanic assemblage of argillites, cherts, basalts, pelites, and ultramafics form the core of this antiform. Conformably overlying these rocks is Upper Triassic Cadwallader Group consisting of basal Noel Formation argillites and tuffs, middle Pioneer Formation consisting of volcanics and intrusive equivalents and upper Hurley Formation consisting of sediments and volcanics.

As host to Bralorne veins, Bralorne Intrusives, part of the Pioneer Formation, are of particular interest. These intrusives occur along a belt of extremely complex folded and faulted Bridge River Group, Cadwallader Group and ultramafic rocks. Bralorne Intrusives are extraordinarily complex and variable in composition, ranging thru augite diorite, gabbro, amphibolite and greenstone. Of particular importance within Bralorne Intrusives are soda granites and albitite dykes, both of which have a close association with gold bearing quartz veins.

## PROPERTY GEOLOGY

Rock unit designation for mapping purposes on this claim has followed GSC rock designation as closely as possible (plate 4).

Triassic and Jurassic red-brown to orangy-red weathering harzburgite(?) and tan weathering dunite comprise approximately 50% of this claim. Serpentinization of these large masses is moderate to strong throughout the rock as a whole and is intense towards contacts. All ultramafic contacts are moderately to intensly sheared, often forming "fish-scale" serpentine. These large ultramafic bodies appear to have been emplaced by faulting.

Steatization is patchy throughout the entire ultramafic, ranging from very weak to moderately intense in a few places.

The smaller ultramafic body contains a narrow (1-2 meter wide) zone of listwanite along both contacts. These zones are composed of quartz, carbonate and talc altered ultramafic rock. They are conspicuous because of their light color on weathered surfaces and their pale whitish-cream color on fresh surfaces. This rock contained a gold value of 28 ppb and silver values in the 1.2 to 1.9 ppm range, both of which are elevated above background levels. However, on this claim, listwanite appears to be too restricted in volume to be of economic interest.

Upper Triassic Noel Formation is the basal member of the Cadwallader Group. On this claim, Noel rocks crop out west of Cadwallader Creek in the southern section of the Butte-X-Cal claim as thin banded argillaceous-tuffaceous rocks. Dark grey to black argillite forms thin wavy layers separated by lighter grey slightly coarser grained beds. These coarse grained beds are tuffs according to the G.S.C. This writer suggests the possibility that these rocks are greywackes rather than tuffs.

Upper Triassic Pioneer Formation, the middle member of the Cadwallader Group is essentially composed of andesitic to basaltic volcanics and pyroclastics but also includes intrusive phases, namely Bralorne Intrusives. These rocks are resistant to weathering and form some of the most precipitous areas in this entire region. Volcanics are typically light to dark green in color, massive and fine grained. However, textural gradations to massive, finely crystalline, greenstones are common and in many places much difficulty is experienced in separating such rocks from later fine grained dioritic intrusives. Composition, texture and structure of Pioneer greenstone varies greatly from place to place. Pioneer volcanics tend to contain minor pyrite and/or pyrrhotite as very fine grained, disseminated specs and crystals.

Bralorne Intrusives host Bralorne-Pioneer Mines quartz veins and are therefore an important rock type in this area. Bralorne Intrusives include, soda granite, gabbro, pyroxenite, augite diorite, hornblende diorite, greenstone diorite, quartz diorite, aplite and amphibolite. Dioritic rocks are most common and are dark greenish in color with an irregular texture, characteristically converted to an angular agmatite by a network of light colored veins and veinlets. These vary from aplite to mixtures of epidote, zoisite, carbonate and quartz. Diorite within a small outcrop ranges from very fine grained where it is indistinguishable from Pioneer greenstone to coarse grained. Gabbroic areas of Bralorne Intrusive are conspicuous because of surficial iron stain from weathering magnetite and pyrite.

Relationships between Pioneer greenstone and Bralorne Intrusives are controversial. Both of these rocks grade into one another and separation in the field can be most difficult. According to the G.S.C. (Cairnes), two diorites are present, one formed either from the greenstone or as a more slowly cooled phase of it and a later intrusive diorite.

Several aplite dykes have been mapped within this claim. These dykes are possibly related to Tertiary and Upper Cretaceous Bendor Intrusives, exposed to the east across Cadwallader valley. Quartz veining is commonly associated with these dykes and in all cases signs of prospecting activity is evident. Sulphide mineralization and precious metal values are negligable.

## GEOCHEMICAL SURVEY RESULTS

During this program, 511 soil samples, 69 rock samples, 11 heavy mineral samples and 15 silt samples for a total of 606 samples were collected (plate 5). All samples were analyzed by Acme Analytical Laboratories Ltd. 852 E. Hastings Street, Vancouver, B.C. V6A 1R6. All sample results are listed in Appendix A.

### Sample Collection Procedures

Sample collection and laboratory procedures remained constant throughout the entire program. All sample sites are identified in the field with fluorescent orange or pink flagging. Silt samples composed of silt and unsorted gravel were collected by hand from active sections of stream bed. A standard 4" x 7" wet strength waterproof kraft sample bag was filled with material, air dried and shipped to the lab.

On the Butte-X-Cal claim, soil lines were run as flagged contour lines by altimeter with samples 50 meters apart on lines vertically 400 feet (122 m) apart. Samples were collected with grub-hoes and consist mainly of grey-brown residual soil taken at 5-35 cm depth. If possible, samples were obtained in the B horizon just below the A horizon. Because of steep slopes, many samples had to be obtained from the C horizon as B horizon soil had not developed. Talus slopes presented a problem, here samples consist of small rock chips if the talus is coarse or rock flour if the talus is fine. Soil samples were placed in similar kraft envelopes as silts, air dried and shipped to the lab.

Bridge River ash, a white pumice with an age of 2,440∓140 years covers part of the project area. This ash tends to be less extensive on steep slopes as compared to the base of slopes or relatively flat ground. When ash was encountered, soil samples were taken from beneath this ash layer.

Heavy mineral samples were collected from active stream channels utilizing a D handle shovel. Samples were obtained from one spot in the stream bed with a hole being dug to at least 35 cm in depth. A 5-17 kg sample was screened to obtain a minimum of 1 kg of -20 mesh material with oversize material discarded. Hudson Bay had a set of screens prepared using ordinary gold pans. The bottom 2 cm of a pan was removed and a 20 mesh screen bolted in place. When in use, two pans were held tightly together and water was then passed through the material on the screen. Care was taken to ensure that all -20 mesh material in the sample was collected. Again, when transferring samples from pans to plastic bags for weighing or shipping, great care was taken to ensure all the sample was saved. Small handfuls of water were gently splashed into the gold pan to remove the last traces of heavy minerals adhering to the bottom of the pan. Samples were weighed in plastic bags using portable hand held fish scales (table 2). After screening, -20 mesh material, was panned to a 500 gm sample and then shipped to Acme for further processing.

Rock samples were collected and placed in standard 7" x 13" plastic bags. Rock chips were usually smaller than 5 cm and were collected over several square meters of outcrop to get a more representative geochemical signature for the outcrop as a whole (Appendix B).

## Laboratory Procedure

Laboratory analytical procedures are identical for various types of samples once a sample has been prepared for analysis. Preparation of silt and soil samples includes drying at 60°C and screening to -80 mesh. Rock samples are pulverized to -100 mesh. Heavy mineral samples are sieved to - 20 mesh and wet panned to approximately 300 grams. The sample is then dried and separated using tetrabromeothane having a density of 2.96. The sample is again dried, magnetic fraction removed, hand pulvarized and weighed.

For ICP and AA silver analysis, a 0.5 gram sample is digested with 3 ml 3-1-2 $HCl-HNO_3-H_2O$ at 95°C for 1 hour and then diluted to 10 ml with water. For Hg analysis, a 0.5 gm sample is digested with aqua regia and diluted with 20% HCl. Hg in solution is determined by cold vapour AA using a F&J scientific Hg assembly. An aliquot of extract is added to a stannous chlorite/hydrochloric acid solution. The reduced Hg is swept out of solution and passed into a Hg cell where it is measured by AA. For Au analysis, a 10-30 gm sample is subjected to fire assay preconcentration techniques to produce silver beads. These silver beads are dissolved and Au is determined in solution by graphite furnace AA. For heavy mineral samples, the entire heavy mineral concentrate was analyzed whenever possible. Table 2 identifies samples on which gold determinations were carried out on only part of the heavy mineral concentrate.

## Statistical Procedures

In order to get a sample population large enough for valid statistical analyses, silts and heavy mineral samples for three claim areas have been combined. These areas are shown on Plate 3 and on the index maps on Plates 4-6. Geochemical results for these areas are presently being filed for assessment credits on the Truck/Paymaster claims and the X-Cal 1-27 claims.

All geochemical data has been partitioned from cumulative frequency curves on probability paper with Appendix C containing the plots and Table 1 summarizing results. Data is partitioned using Sinclair's method with resulting populations mathematically recombined as a check on partitioning accuracy. This recombined curve must plot within the

# TABLE 1

## GEOCHEMICAL RESULTS

### SILTS

| | Background | %* | Threshold | %* | 2nd Order Anomaly | %* | 1st Order Anomaly | %* | Mean +2 SD |
|---|---|---|---|---|---|---|---|---|---|
| Au ppb | 0 - 12 | 92 | 13 - 16 | 1.8 | 17 - 22 | 0.2 | > 22 | 6 | 36 |
| Hg ppb | 0 - 114 | 96 | 115 - 125 | 0.5 | 126 - 215 | 1.9 | >215 | 1.6 | 148 |
| Pb ppm | 0 - 9 | 70 | 10 | 6 | 11 - 17 | 20.6 | > 17 | 3.4 | 16 |
| Ag ppm | 0 - 0.4 | 92 | 0.5 | 3.5 | 0.6 | 2.3 | >0.6 | 2.2 | 0.5 |
| As ppm | 0 - 285 | 98.7 | 286 - 290 | 0.1 | 291 - 410 | 0.2 | >410 | 1 | 195 |
| Sb ppm | 0 - 6 | 99 | 7 - 8 | 0.4 | 9 | 0.1 | > 9 | 0.5 | 4 |
| Bi ppm | 0 - 3 | 90 | 4 | 5 | 5 | 2 | > 5 | 3 | 4 |
| Ba ppm | 0 - 105 | 70 | 106 - 145 | 12 | 146 - 172 | 8 | >172 | 10 | 207 |

### HEAVY MINERALS

| | Background | %* | Threshold | %* | 2nd Order Anomaly | %* | 1st Order Anomaly | %* | Mean +2 SD |
|---|---|---|---|---|---|---|---|---|---|
| Au ppb | 0 - 129 | 85.5 | 130 - 219 | 3.3 | 220 - 420 | 2.5 | > 420 | 8.7 | 1480 |
| Hg ppb | 0 - 960 | 92 | 961 - 1120 | 0.8 | 1121 - 1280 | 0.7 | >1280 | 6.5 | 1436 |
| Pb ppm | 0 - 6 | 96 | 7 | 0.5 | 8 - 18 | 1.5 | > 18 | 2 | 150 |
| Ag ppm | 0 - 1.2 | 94.5 | 1.3 - 1.7 | 1.8 | 1.8 - 1.9 | 0.2 | > 1.9 | 3.5 | 1.8 |
| As ppm | 0 - 61 | 63 | 62 - 107 | 12 | 108 - 140 | 7 | > 140 | 18 | 235 |
| Sb ppm | 0 - 3 | 93.5 | 4 | 1.5 | 5 | 1 | > 5 | 4 | 5 |
| Bi ppm | 0 - 6 | 92.5 | 7 | 0.5 | 8 | 1 | > 8 | 6 | 29 |
| Ba ppm | 0 - 67 | 84 | 68 - 84 | 4 | 85 - 105 | 7 | > 105 | 5 | 108 |

### SOILS

#### Butte-X-Cal

| | Background | %* | Threshold | %* | 2nd Order Anomaly | %* | 1st Order Anomaly | %* | Mean +2 SD |
|---|---|---|---|---|---|---|---|---|---|
| Au ppb | 0 - 26 | 95.5 | 27 - 40 | 1.7 | 41 - 44 | 0.3 | > 44 | 2.5 | 59 |
| Ag ppm | 0 - 0.5 | 97.8 | 0.6 | 0.8 | 0.7 - 0.8 | 0.7 | > 0.8 | 0.7 | 0.5 |

* % of total population

## TABLE 2

## HEAVY MINERAL SAMPLE DATA

| Sample No | Initial Weight (kg) | 20 Mesh Weight (kg) | Heavy Mineral % | H.M. Weight ( gms) | Gold Value (ppb) | Gold/ H.M. Weight (ppb/gm) | Gold/ 20 Mesh Weight (ppb/gm) |
|---|---|---|---|---|---|---|---|
| L304H | 15.0 | 1.2 | 1.28 | 16.80 | 2* | 0.12 | 0.002 |
| L305H | 15.5 | 1.0 | 1.66 | 19.50 | 4* | 0.20 | 0.004 |
| L306H | 4.0 | 1.5 | 1.50 | 16.90 | 2* | 0.12 | 0.001 |
| L307H | 7.25 | 1.4 | 0.99 | 10.10 | 2 | 0.20 | 0.001 |
| L308H | 7.0 | 1.5 | 2.52 | 30.60 | 3* | 0.10 | 0.002 |
| L311H | 2.5 | 1.0 | 1.49 | 16.60 | 1* | 0.06 | 0.001 |
| L312H | 5.0 | 1.5 | 3.13 | 34.20 | 1* | 0.03 | 0.001 |
| K483H | 10.5 | 1.1 | 0.26 | 3.40 | 30 | 8.82 | 0.027 |
| K484H | 15.0 | 1.4 | 0.13 | 1.30 | 8 | 6.15 | 0.006 |
| P459H | 11.0 | 1.0 | 2.10 | 20.40 | 3* | 0.15 | 0.003 |
| P460H | 8.5 | 0.9 | 0.29 | 3.20 | 20 | 6.25 | 0.022 |

* 10 gm sample for Au

95% confidence level using Lepeltier's nomogram before being acceptable. All silt, soil and heavy mineral anomalous values are derived from data sets with two populations, a smaller anomalous population and a larger background population. Background, threshold, 2nd order and 1st order anomalous values are determined using 2½% (95% confidence level) and 1% positions on the partitioned population (Appendix C). Normally, background values comprise 97.5%-100% of the background population. In cases with badly overlapping, populations, 2nd order anomalous values may include the upper 2½% of the background population. This occurs for Ba, As and Au heavy mineral values and Ag and Ba silt values.

Silt, soil and heavy mineral samples are coded based on values in Table las to background, threshold, 2nd order and 1st order anomalies on Plate 6. Rock geochemical values on Plate 6 are coded for Au and Ag based on the anomalous levels for these elements in Butte-X-Cal soils. Hg, As and Sb values are not coded on this Plate for rock samples.

Silt and heavy mineral samples do not contain any anomalous gold values. Heavy mineral sample K483H at 2.1 ppm silver has detected silver values of 1.9, 1.6 and 1.2 ppm (L289R, L290R, B7R) in a listwanite. Soil samples K387D, K388D, K390D, K392D, K364D, A207D, A202D and A205D are anomalous in gold. These soils are composed of fine rock flour in an area of 100% outcrop and talus. Rock sample L654R a narrow quartz stringer in Bralorne Intrusive with a gold value of 60 ppb probably is indicative of rocks causing these soil anomalies. South of Aggie Creek, rock sample L269R represents a narrow aplite dyke containing 260 ppb Au and 4.7 ppm Ag. This dyke or similar dykes are thought to be responsible for isolated gold values in soil (P393D, A241D). In conclusion, these isolated anomalous values in gold have not identified any significant area of gold mineralization.

# COST STATEMENT

| | | | | |
|---|---|---|---|---|
| **Wages** | | | | $6,750.00 |
| | Michael Lancaster<br>April 17,18, June 28-30, July 1-7, Aug 8,9,<br>Sept 4,8,10-11,16, Oct 3,21,22,23, Nov 26 | 24 days @$150/day | 3,600.0 | |
| | Jim Dunkley<br>June 28-30, July 1-7 | 10 days @$100/day | 1,000.00 | |
| | Keith Fisk<br>June 28-30, July 1-7 | 10 days @$ 80/day | 800.00 | |
| | Paul Torreggiani<br>June 28-30, July 1-7 | 10 days @$ 80/day | 800.00 | |
| | Leo Lindinger<br>Sept 4,8,10,11,16 | 5 days @$110/day | 550.00 | |
| **Food And Accomodation** | | | | 795.00 |
| | 50 man days @$15.90/day<br>Motel dates: June 28,29, Sept 4,8,10,11<br>Camping dates: July 1-7 | | 795.00 | |
| **Helicopter** | | | | 3,072.00 |
| | Pemberton Helicopter $420/hr + fuel (6.2 hrs)<br>Dates Flown: June 30, July 6, Sept 10,11 | | 3,072.00 | |
| **Truck Rental and Fuel** | | | | 885.00 |
| | Redhawk Rentals $1,143.25/month<br>Dates used: June 28-30, July 1-7,<br>Sept 4,8,10,11,16 | | 885.00 | |
| **Analyses** | | | | 8,263.00 |
| 372 | soil samples 30 element ICP,Au,Hg | $15.10/sample = | 5,617.00 | |
| 139 | soil samples Au only | $ 6.10/sample = | 848.00 | |
| 69 | rock samples 30 element ICP,Au,Hg | $17.25/sample = | 1,190.00 | |
| 11 | heavy mineral samples 30 element ICP,Au,Hg | $26.75/sample = | 294.00 | |
| 15 | silt samples 30 element ICP,Au,Hg | $15.10/sample = | 226.00 | |
| 3 | heavy mineral samples Au reruns | $ 5.50/sample = | 16.00 | |
| | Statistics | | 72.00 | |

|  |  |  |
|---|---|---|
| Equipment Purchased |  | $ 985.00 |
| Camping equipment pro-rated for summer | 985.00 |  |
| Telephone |  | 67.00 |
| Pro-rated for summer | 67.00 |  |
| Drafting and Office Supplies |  | 84.00 |
| Pro-rated for summer | 84.00 |  |
| Report Preparation |  | 850.00 |
| Drafting services, computer services, typing, printing pro-rated | 850.00 |  |
|  |  | $21,751.00 |

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| Mazur<br>1984 | Preliminary Geological and Geochemical Report on the Butte-X-Cal Claim. In house report for X-Calibre Resources |
| Mazur<br>1984 | Report on the Heavy Mineral Stream Geochemistry of the Anderson Lake Project Area. In house report for X-Calibre Resources Ltd. |
| Roddick, Hutchison<br>1973 | GSC Paper 73-17 Pemberton (East Half) Map Area British Columbia |
| Sinclair<br>1976 | Special Volume No. 4, The Association of Exploration Geochemists, Applications of Probability Graphs |

# STATEMENT OF QUALIFICATIONS

I, Michael Lancaster, do hereby certify that:

1. I am a geologist residing at 6835 Hycroft Road, West Vancouver, B.C. and am employed by Hudson Bay Exploration and Development Company Limited.

2. I am a graduate of University of British Columbia with a B.Sc. in geology.

3. I am a member of the Association of Exploration Geochemists.

4. I have practised my profession continuously for the past 18 years in Canada.

5. Between 17 April 1985 and 26 November 1985 I supervised and directed a field program on the Butte-X-Cal claim for Hudson Bay Exploration and Development Company Limited.

Michael Lancaster

Michael Lancaster, B.Sc.Geologist

# APPENDIX A

## GEOCHEMICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD.    852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6    PHONE 253-3158    DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.
P12-silts P13-14 Rocks P15-Heavy Minerals

DATE RECEIVED: JULY 13 1985 DATE REPORT MAILED: July 22/85 ASSAYER. T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

HUDSON BAY EXPLORATION PROJECT - 7345 FILE # 85-1372 PAGE 1

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P2840 | 1 | 23 | 2 | 54 | .3 | 158 | 12 | 442 | 2.66 | 168 | 5 | ND | 1 | 30 | 1 | 2 | 3 | 49 | .33 | .10 | 7 | 156 | 1.27 | 37 | .08 | 6 | 1.71 | .02 | .04 | 1 | 4 | 40 |
| P2850 | 1 | 6 | 2 | 17 | .1 | 25 | 4 | 127 | .80 | 17 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 24 | .07 | .01 | 3 | 32 | .29 | 27 | .08 | 2 | .57 | .01 | .01 | 1 | 2 | 10 |
| P2860 | 1 | 20 | 2 | 57 | .2 | 137 | 14 | 330 | 4.87 | 55 | 5 | ND | 2 | 15 | 1 | 2 | 2 | 87 | .13 | .03 | 5 | 210 | 1.95 | 39 | .16 | 9 | 2.36 | .01 | .03 | 1 | 3 | 40 |
| P2870 | 1 | 9 | 4 | 32 | .3 | 221 | 23 | 577 | 2.50 | 21 | 5 | ND | 2 | 18 | 1 | 2 | 3 | 38 | .19 | .05 | 3 | 201 | 2.96 | 45 | .08 | 8 | .75 | .02 | .04 | 1 | 4 | 60 |
| P2880 | 1 | 17 | 2 | 50 | .1 | 175 | 14 | 342 | 3.12 | 43 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 56 | .11 | .03 | 4 | 109 | 1.22 | 46 | .15 | 3 | 1.68 | .01 | .03 | 1 | 7 | 30 |
| P2890 | 1 | 25 | 9 | 47 | .3 | 1399 | 119 | 2255 | 5.18 | 72 | 6 | ND | 1 | 18 | 1 | 2 | 2 | 47 | .17 | .08 | 7 | 309 | 5.39 | 59 | .07 | 22 | 1.51 | .02 | .02 | 2 | 4 | 20 |
| P2900 | 1 | 35 | 4 | 39 | .3 | 1266 | 76 | 1364 | 3.49 | 55 | 6 | ND | 2 | 11 | 1 | 2 | 2 | 43 | .15 | .04 | 4 | 322 | 5.63 | 65 | .08 | 23 | 1.56 | .01 | .04 | 1 | 8 | 30 |
| P2910 | 1 | 10 | 2 | 33 | .1 | 397 | 25 | 427 | 3.05 | 22 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 46 | .10 | .03 | 4 | 186 | 2.58 | 43 | .11 | 19 | .84 | .02 | .02 | 1 | 5 | 10 |
| P2920 | 1 | 2 | 4 | 18 | .1 | 89 | 9 | 181 | 1.18 | 4 | 5 | ND | 1 | 10 | 1 | 2 | 4 | 27 | .08 | .01 | 2 | 67 | .96 | 18 | .10 | 7 | .37 | .03 | .01 | 1 | 4 | 20 |
| P2930 | 1 | 5 | 5 | 39 | .2 | 478 | 35 | 560 | 3.35 | 27 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 37 | .12 | .04 | 4 | 225 | 3.20 | 40 | .09 | 13 | .84 | .02 | .03 | 1 | 4 | 10 |
| P2940 | 1 | 8 | 2 | 26 | .1 | 304 | 21 | 372 | 2.65 | 20 | 5 | ND | 1 | 11 | 1 | 2 | 4 | 38 | .17 | .02 | 3 | 239 | 1.84 | 21 | .08 | 6 | .63 | .02 | .02 | 1 | 3 | 30 |
| P2950 | 1 | 33 | 4 | 38 | .4 | 950 | 44 | 1989 | 3.57 | 71 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 36 | .32 | .08 | 3 | 231 | 4.89 | 76 | .06 | 16 | .95 | .02 | .04 | 1 | 4 | 40 |
| P2960 | 1 | 31 | 5 | 36 | .8 | 848 | 101 | 1209 | 4.70 | 79 | 5 | ND | 2 | 9 | 1 | 2 | 2 | 39 | .12 | .04 | 3 | 632 | 2.87 | 33 | .05 | 6 | 1.21 | .01 | .03 | 1 | 8 | 50 |
| P2970 | 1 | 41 | 2 | 66 | .4 | 979 | 53 | 938 | 4.96 | 101 | 5 | ND | 2 | 16 | 1 | 2 | 2 | 56 | .14 | .04 | 7 | 404 | 2.67 | 83 | .12 | 8 | 1.84 | .02 | .09 | 1 | 6 | 40 |
| P2980 | 1 | 12 | 2 | 25 | .2 | 259 | 19 | 237 | 2.30 | 10 | 5 | ND | 1 | 18 | 1 | 7 | 3 | 26 | .13 | .04 | 2 | 233 | 1.65 | 81 | .05 | 8 | .38 | .01 | .02 | 1 | 8 | 30 |
| P2990 | 1 | 9 | 4 | 44 | .1 | 659 | 39 | 495 | 4.02 | 35 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 44 | .15 | .03 | 5 | 346 | 3.09 | 37 | .10 | 6 | 1.10 | .01 | .03 | 1 | 5 | 110 |
| P3000 | 1 | 16 | 2 | 66 | .1 | 165 | 16 | 454 | 2.88 | 22 | 5 | ND | 1 | 33 | 1 | 2 | 2 | 54 | .27 | .06 | 3 | 63 | 1.19 | 128 | .17 | 4 | 2.20 | .02 | .21 | 1 | 4 | 40 |
| P3010 | 1 | 20 | 2 | 81 | .2 | 301 | 27 | 523 | 3.55 | 48 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 62 | .20 | .05 | 4 | 129 | 1.71 | 96 | .19 | 5 | 2.22 | .02 | .08 | 1 | 4 | 20 |
| P3020 | 1 | 67 | 7 | 110 | .2 | 45 | 17 | 714 | 4.74 | 318 | 5 | ND | 4 | 29 | 1 | 2 | 2 | 78 | .34 | .09 | 11 | 41 | 1.41 | 142 | .15 | 2 | 3.20 | .01 | .43 | 1 | 7 | 170 |
| P3030 | 1 | 25 | 6 | 103 | .1 | 29 | 12 | 594 | 3.31 | 196 | 5 | ND | 1 | 22 | 1 | 3 | 2 | 57 | .18 | .07 | 4 | 27 | .80 | 103 | .14 | 4 | 2.40 | .02 | .14 | 1 | 5 | 60 |
| P3040 | 1 | 40 | 13 | 115 | .1 | 45 | 18 | 471 | 4.21 | 135 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 71 | .21 | .06 | 5 | 38 | 1.16 | 95 | .18 | 2 | 3.00 | .02 | .16 | 1 | 15 | 40 |
| P3050 | 1 | 38 | 6 | 114 | .3 | 37 | 15 | 1255 | 4.09 | 94 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 56 | .20 | .06 | 5 | 37 | 1.05 | 101 | .12 | 4 | 2.57 | .01 | .14 | 1 | 10 | 20 |
| P3060 | 1 | 59 | 15 | 104 | .5 | 34 | 18 | 1406 | 4.51 | 507 | 5 | ND | 2 | 31 | 1 | 8 | 2 | 57 | .30 | .09 | 7 | 34 | 1.35 | 84 | .08 | 2 | 2.66 | .01 | .18 | 1 | 21 | 360 |
| P3070 | 1 | 50 | 13 | 161 | 1.2 | 295 | 28 | 1628 | 5.85 | 385 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 86 | .64 | .08 | 5 | 328 | 4.07 | 94 | .13 | 2 | 4.78 | .01 | .27 | 1 | 9 | 190 |
| P3080 | 1 | 46 | 4 | 121 | .2 | 107 | 20 | 617 | 4.15 | 67 | 5 | ND | 2 | 86 | 1 | 2 | 2 | 71 | .32 | .09 | 3 | 72 | 1.37 | 115 | .18 | 2 | 3.11 | .02 | .15 | 1 | 6 | 20 |
| P3100 | 1 | 42 | 6 | 131 | .2 | 59 | 19 | 2533 | 4.00 | 73 | 5 | ND | 1 | 134 | 1 | 2 | 2 | 67 | .39 | .15 | 4 | 96 | 1.42 | 195 | .15 | 4 | 2.60 | .01 | .20 | 1 | 6 | 10 |
| P3110 | 1 | 57 | 7 | 150 | .2 | 62 | 21 | 604 | 4.52 | 55 | 5 | ND | 3 | 67 | 1 | 3 | 4 | 78 | .23 | .08 | 5 | 89 | 1.50 | 123 | .20 | 2 | 3.36 | .02 | .17 | 1 | 10 | 10 |
| P3130 | 1 | 24 | 4 | 90 | .2 | 28 | 10 | 422 | 3.10 | 11 | 5 | ND | 2 | 34 | 1 | 2 | 2 | 62 | .22 | .05 | 3 | 40 | .94 | 107 | .18 | 5 | 2.21 | .02 | .11 | 1 | 4 | 5 |
| P3140 | 1 | 62 | 2 | 101 | .1 | 50 | 16 | 546 | 4.23 | 23 | 5 | ND | 2 | 45 | 1 | 2 | 3 | 89 | .29 | .05 | 5 | 59 | 1.51 | 201 | .22 | 2 | 3.30 | .02 | .23 | 1 | 5 | 20 |
| P3160 | 1 | 40 | 8 | 106 | .1 | 47 | 14 | 497 | 3.93 | 23 | 5 | ND | 2 | 51 | 1 | 2 | 2 | 74 | .28 | .06 | 5 | 47 | 1.07 | 163 | .20 | 2 | 2.45 | .02 | .20 | 1 | 5 | 5 |
| P3170 | 1 | 38 | 6 | 109 | .1 | 47 | 17 | 573 | 3.76 | 17 | 5 | ND | 1 | 40 | 1 | 3 | 2 | 73 | .29 | .09 | 4 | 39 | .93 | 159 | .17 | 2 | 2.35 | .02 | .16 | 1 | 4 | 30 |
| P3180 | 1 | 33 | 11 | 107 | .3 | 30 | 14 | 371 | 3.82 | 15 | 5 | ND | 2 | 37 | 1 | 2 | 2 | 72 | .22 | .06 | 3 | 34 | .90 | 115 | .18 | 6 | 2.76 | .02 | .13 | 1 | 4 | 20 |
| P3190 | 1 | 42 | 6 | 133 | .1 | 44 | 17 | 620 | 4.30 | 32 | 5 | ND | 1 | 37 | 1 | 4 | 2 | 82 | .27 | .10 | 5 | 42 | 1.10 | 193 | .17 | 2 | 2.85 | .02 | .19 | 1 | 4 | 20 |
| P3200 | 1 | 77 | 8 | 123 | .2 | 57 | 19 | 631 | 4.36 | 42 | 5 | ND | 2 | 56 | 1 | 4 | 2 | 87 | .32 | .07 | 6 | 50 | 1.34 | 209 | .19 | 2 | 3.08 | .03 | .44 | 1 | 7 | 10 |
| P3210 | 1 | 65 | 2 | 105 | .2 | 47 | 18 | 647 | 4.33 | 130 | 5 | ND | 2 | 58 | 1 | 3 | 2 | 77 | .41 | .09 | 5 | 46 | 1.22 | 142 | .15 | 2 | 2.57 | .02 | .27 | 1 | 4 | 30 |
| P3220 | 13 | 29 | 5 | 50 | .1 | 9 | 3 | 139 | 3.09 | 39 | 5 | ND | 1 | 21 | 1 | 5 | 2 | 75 | .20 | .06 | 2 | 31 | .35 | 69 | .26 | 2 | .87 | .01 | .04 | 1 | 5 | 20 |
| STD C/FA-AU | 20 | 59 | 40 | 136 | 7.2 | 67 | 28 | 1180 | 3.94 | 41 | 19 | 7 | 37 | 49 | 17 | 15 | 19 | 59 | .48 | .15 | 37 | 61 | .88 | 173 | .08 | 37 | 1.71 | .06 | .11 | 17 | 50 | 1300 |

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| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P3230 | 12 | 21 | 4 | 85 | .1 | 5 | 4 | 221 | 2.80 | 22 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 68 | .13 | .06 | 4 | 29 | .64 | 65 | .20 | 4 | 1.11 | .02 | .04 | 1 | 1 | 10 |
| P3240 | 3 | 7 | 3 | 27 | .2 | 4 | 2 | 67 | 1.08 | 2 | 5 | ND | 1 | 8 | 1 | 3 | 2 | 36 | .06 | .02 | 3 | 14 | .17 | 22 | .15 | 6 | .54 | .01 | .02 | 1 | 10 | 30 |
| P3250 | 12 | 8 | 3 | 53 | .1 | 4 | 3 | 142 | 2.16 | 3 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 65 | .10 | .04 | 3 | 24 | .31 | 49 | .20 | 2 | .56 | .01 | .03 | 1 | 1 | 40 |
| P3260 | 16 | 34 | 2 | 91 | .2 | 21 | 5 | 305 | 3.21 | 15 | 5 | ND | 2 | 12 | 1 | 2 | 2 | 71 | .10 | .06 | 4 | 49 | .75 | 69 | .21 | 2 | 1.88 | .01 | .04 | 1 | 1 | 30 |
| P3270 | 5 | 3 | 7 | 7 | .1 | 2 | 2 | 33 | .50 | 2 | 5 | ND | 1 | 6 | 1 | 2 | 3 | 20 | .06 | .03 | 2 | 4 | .03 | 23 | .14 | 5 | .16 | .01 | .02 | 1 | 1 | 20 |
| P3280 | 12 | 6 | 6 | 33 | .2 | 4 | 2 | 121 | 1.28 | 3 | 5 | ND | 1 | 12 | 1 | 3 | 3 | 49 | .10 | .03 | 2 | 15 | .21 | 32 | .21 | 2 | .42 | .01 | .02 | 1 | 3 | 30 |
| P3290 | 2 | 2 | 3 | 14 | .1 | 3 | 1 | 75 | .77 | 2 | 5 | ND | 1 | 4 | 1 | 2 | 2 | 26 | .04 | .02 | 2 | 11 | .14 | 13 | .11 | 2 | .33 | .01 | .01 | 1 | 1 | 30 |
| P3300 | 7 | 17 | 8 | 54 | .1 | 16 | 5 | 199 | 3.12 | 14 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 70 | .10 | .04 | 5 | 44 | .52 | 46 | .17 | 2 | 1.19 | .01 | .05 | 1 | 1 | 70 |
| P3310 | 9 | 23 | 6 | 40 | .1 | 7 | 2 | 116 | 1.14 | 7 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 31 | .14 | .05 | 2 | 17 | .23 | 48 | .13 | 3 | .38 | .01 | .06 | 1 | 2 | 40 |
| P3320 | 6 | 26 | 10 | 64 | .3 | 20 | 5 | 188 | 3.08 | 11 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 69 | .09 | .10 | 4 | 47 | .67 | 42 | .20 | 2 | 1.21 | .01 | .04 | 1 | 10 | 30 |
| P3330 | 2 | 2 | 4 | 33 | .3 | 3 | 4 | 179 | 1.42 | 2 | 5 | ND | 1 | 19 | 1 | 2 | 4 | 33 | .10 | .05 | 2 | 8 | .63 | 57 | .13 | 2 | .81 | .01 | .08 | 1 | 1 | 50 |
| P3340 | 5 | 8 | 4 | 19 | .2 | 4 | 2 | 87 | 1.27 | 2 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 44 | .05 | .02 | 2 | 10 | .24 | 24 | .14 | 2 | .58 | .01 | .03 | 1 | 1 | 20 |
| P3350 | 10 | 23 | 4 | 47 | .2 | 31 | 7 | 195 | 2.84 | 8 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 74 | .10 | .09 | 3 | 73 | .82 | 74 | .19 | 2 | 1.37 | .01 | .07 | 1 | 1 | 50 |
| P3360 | 16 | 33 | 4 | 58 | .1 | 24 | 6 | 217 | 3.85 | 11 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 117 | .11 | .11 | 3 | 53 | .85 | 73 | .29 | 2 | 1.48 | .01 | .08 | 1 | 1 | 20 |
| P3370 | 17 | 52 | 4 | 60 | .4 | 15 | 6 | 221 | 4.41 | 17 | 5 | ND | 3 | 15 | 1 | 2 | 2 | 93 | .08 | .05 | 4 | 39 | .69 | 94 | .23 | 2 | 1.99 | .01 | .10 | 1 | 1 | 60 |
| P3380 | 15 | 78 | 2 | 71 | .3 | 30 | 8 | 279 | 3.54 | 30 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 72 | .13 | .04 | 5 | 50 | .89 | 131 | .17 | 3 | 1.91 | .01 | .17 | 1 | 1 | 40 |
| P3390 | 25 | 55 | 8 | 59 | .3 | 22 | 6 | 202 | 3.69 | 24 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 75 | .11 | .05 | 3 | 41 | .66 | 86 | .19 | 2 | 1.47 | .01 | .06 | 1 | 1 | 70 |
| P3400 | 18 | 220 | 2 | 168 | .2 | 105 | 20 | 538 | 3.78 | 89 | 5 | ND | 2 | 32 | 1 | 2 | 2 | 71 | .29 | .04 | 7 | 89 | 1.47 | 140 | .16 | 5 | 2.78 | .02 | .19 | 1 | 2 | 30 |
| P3410 | 16 | 28 | 2 | 43 | .3 | 26 | 6 | 174 | 2.87 | 22 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 53 | .45 | .04 | 5 | 54 | .48 | 58 | .14 | 2 | 1.70 | .02 | .06 | 1 | 1 | 60 |
| P3420 | 24 | 29 | 2 | 53 | .2 | 26 | 7 | 295 | 2.43 | 13 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 56 | .36 | .05 | 4 | 48 | .69 | 88 | .13 | 3 | 1.28 | .01 | .11 | 1 | 2 | 30 |
| P3430 | 13 | 79 | 2 | 109 | .1 | 53 | 11 | 390 | 3.11 | 71 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 65 | .49 | .05 | 5 | 56 | .97 | 113 | .14 | 2 | 2.16 | .03 | .12 | 1 | 5 | 40 |
| P3440 | 16 | 18 | 4 | 58 | .2 | 33 | 7 | 283 | 2.53 | 21 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 56 | .19 | .04 | 4 | 60 | .79 | 71 | .14 | 2 | 1.23 | .02 | .06 | 1 | 1 | 40 |
| P3450 | 26 | 149 | 2 | 93 | .4 | 42 | 7 | 439 | 3.14 | 36 | 5 | ND | 1 | 17 | 1 | 2 | 3 | 65 | .22 | .05 | 4 | 61 | 1.00 | 131 | .14 | 7 | 1.49 | .01 | .08 | 1 | 3 | 30 |
| P3460 | 19 | 133 | 6 | 102 | .2 | 111 | 16 | 741 | 3.35 | 39 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 58 | .54 | .07 | 7 | 107 | 1.37 | 122 | .12 | 7 | 1.88 | .02 | .13 | 1 | 2 | 60 |
| P3470 | 12 | 27 | 6 | 49 | .4 | 26 | 6 | 345 | 2.89 | 26 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 51 | .34 | .06 | 4 | 41 | .51 | 122 | .11 | 4 | 1.01 | .02 | .05 | 1 | 1 | 40 |
| P3480 | 1 | 6 | 3 | 22 | .1 | 74 | 9 | 172 | 2.25 | 26 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 46 | .10 | .03 | 2 | 170 | .86 | 28 | .10 | 2 | .93 | .01 | .02 | 1 | 3 | 20 |
| P3490 | 1 | 3 | 9 | 10 | .1 | 53 | 6 | 122 | 1.52 | 8 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 31 | .04 | .02 | 2 | 110 | .24 | 20 | .08 | 5 | .29 | .01 | .01 | 1 | 5 | 20 |
| P3500 | 1 | 17 | 8 | 30 | .2 | 354 | 26 | 288 | 3.70 | 51 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 50 | .08 | .02 | 2 | 396 | 1.85 | 25 | .12 | 2 | 1.02 | .01 | .01 | 1 | 3 | 10 |
| P3510 | 1 | 23 | 6 | 37 | .2 | 379 | 27 | 267 | 3.45 | 64 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 56 | .06 | .02 | 3 | 321 | 1.69 | 22 | .13 | 4 | 1.26 | .01 | .01 | 1 | 1 | 20 |
| P3520 | 3 | 33 | 9 | 132 | .2 | 132 | 16 | 545 | 3.60 | 23 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 74 | .28 | .04 | 5 | 140 | 1.47 | 149 | .17 | 5 | 2.06 | .01 | .14 | 1 | 1 | 30 |
| P3530 | 1 | 24 | 2 | 59 | .4 | 337 | 27 | 417 | 3.55 | 35 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 62 | .11 | .04 | 2 | 303 | 2.09 | 59 | .14 | 5 | 1.78 | .01 | .03 | 1 | 1 | 20 |
| P3540 | 1 | 4 | 7 | 24 | .3 | 56 | 5 | 120 | 1.58 | 8 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 34 | .05 | .04 | 2 | 87 | .56 | 38 | .09 | 6 | .81 | .01 | .02 | 1 | 1 | 20 |
| P3550 | 2 | 52 | 5 | 35 | .1 | 746 | 44 | 691 | 3.67 | 36 | 6 | ND | 2 | 7 | 1 | 2 | 2 | 55 | .07 | .04 | 2 | 495 | 2.71 | 46 | .08 | 6 | 1.59 | .01 | .03 | 1 | 3 | 10 |
| P3560 | 1 | 21 | 2 | 53 | .1 | 59 | 9 | 299 | 3.10 | 21 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 101 | .12 | .04 | 2 | 111 | 1.38 | 38 | .14 | 2 | 1.52 | .01 | .03 | 1 | 2 | 40 |
| P3570 | 1 | 20 | 2 | 60 | .2 | 115 | 11 | 246 | 2.62 | 29 | 5 | ND | 1 | 12 | 1 | 2 | 3 | 65 | .13 | .03 | 2 | 175 | 1.25 | 37 | .13 | 3 | 1.30 | .01 | .04 | 1 | 1 | 30 |
| P3580 | 1 | 25 | 4 | 61 | .1 | 132 | 11 | 248 | 2.88 | 32 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 76 | .11 | .02 | 2 | 147 | 1.30 | 43 | .16 | 2 | 1.47 | .01 | .03 | 1 | 1 | 20 |
| STD C/FA-AU | 20 | 58 | 40 | 135 | 6.9 | 67 | 28 | 1164 | 3.95 | 40 | 16 | 7 | 38 | 51 | 17 | 15 | 19 | 59 | .48 | .14 | 37 | 60 | .88 | 181 | .08 | 40 | 1.71 | .06 | .11 | 11 | 51 | 1300 |

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| SAMPLE# | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | Au**<br>PPB | Hg<br>PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P3590 | 2 | 31 | 8 | 79 | .1 | 40 | 8 | 188 | 2.71 | 12 | 5 | ND | 1 | 12 | 1 | 2 | 7 | 70 | .19 | .03 | 3 | 75 | .79 | 31 | .11 | 2 | 1.26 | .02 | .03 | 1 | 1 | 40 |
| P3600 | 2 | 21 | 2 | 87 | .1 | 33 | 7 | 200 | 2.59 | 5 | 5 | ND | 1 | 13 | 1 | 2 | 6 | 74 | .18 | .03 | 2 | 55 | .84 | 21 | .13 | 2 | 1.33 | .02 | .02 | 1 | 1 | 20 |
| P3610 | 1 | 198 | 2 | 140 | .1 | 146 | 23 | 388 | 4.86 | 54 | 5 | ND | 1 | 26 | 1 | 2 | 3 | 107 | .30 | .03 | 4 | 138 | 2.18 | 64 | .16 | 2 | 3.80 | .02 | .04 | 2 | 5 | 30 |
| P3620 | 1 | 61 | 3 | 82 | .1 | 71 | 13 | 287 | 3.86 | 28 | 5 | ND | 1 | 16 | 1 | 2 | 9 | 96 | .20 | .03 | 2 | 96 | 1.49 | 37 | .14 | 2 | 2.24 | .02 | .03 | 2 | 3 | 20 |
| P3630 | 1 | 16 | 9 | 62 | .1 | 36 | 8 | 230 | 2.77 | 11 | 5 | ND | 1 | 16 | 1 | 2 | 3 | 93 | .21 | .02 | 2 | 73 | 1.03 | 28 | .15 | 2 | 1.31 | .01 | .02 | 1 | 1 | 10 |
| P3640 | 1 | 11 | 2 | 24 | .1 | 43 | 6 | 137 | 2.15 | 6 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 57 | .15 | .04 | 2 | 56 | .52 | 29 | .14 | 5 | 1.03 | .02 | .02 | 1 | 1 | 30 |
| P3650 | 1 | 30 | 3 | 51 | .1 | 79 | 11 | 220 | 3.02 | 13 | 5 | ND | 1 | 13 | 1 | 2 | 5 | 84 | .19 | .05 | 2 | 91 | 1.08 | 40 | .17 | 3 | 1.51 | .02 | .03 | 1 | 1 | 20 |
| P3660 | 1 | 15 | 3 | 39 | .1 | 108 | 10 | 208 | 2.50 | 9 | 5 | ND | 1 | 8 | 1 | 2 | 6 | 60 | .15 | .04 | 2 | 152 | 1.27 | 31 | .15 | 2 | 1.53 | .01 | .02 | 1 | 2 | 30 |
| P3670 | 1 | 20 | 2 | 34 | .2 | 122 | 12 | 193 | 2.45 | 11 | 5 | ND | 1 | 10 | 1 | 2 | 3 | 56 | .18 | .04 | 2 | 95 | 1.06 | 31 | .13 | 2 | 1.33 | .02 | .02 | 1 | 8 | 10 |
| P3680 | 2 | 39 | 2 | 47 | .4 | 246 | 18 | 272 | 3.87 | 17 | 5 | ND | 1 | 13 | 1 | 2 | 3 | 81 | .29 | .03 | 2 | 187 | 1.91 | 39 | .15 | 2 | 1.71 | .02 | .03 | 1 | 1 | 40 |
| P3690 | 2 | 26 | 11 | 61 | .3 | 89 | 8 | 398 | 3.02 | 12 | 5 | ND | 1 | 13 | 1 | 2 | 4 | 65 | .28 | .07 | 5 | 123 | 1.36 | 130 | .16 | 2 | 1.71 | .01 | .09 | 1 | 1 | 40 |
| P3710 | 2 | 36 | 2 | 69 | .1 | 243 | 17 | 575 | 4.00 | 21 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 92 | .35 | .11 | 3 | 168 | 1.84 | 170 | .19 | 3 | 2.07 | .02 | .11 | 1 | 2 | 30 |
| P3720 | 1 | 15 | 6 | 33 | .1 | 95 | 8 | 215 | 1.61 | 9 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 39 | .26 | .04 | 2 | 80 | .82 | 78 | .10 | 7 | .91 | .02 | .04 | 1 | 1 | 20 |
| P3730 | 1 | 24 | 7 | 54 | .1 | 130 | 13 | 343 | 3.29 | 20 | 5 | ND | 2 | 12 | 1 | 2 | 2 | 76 | .27 | .06 | 5 | 186 | 1.91 | 67 | .16 | 3 | 2.01 | .02 | .06 | 1 | 2 | 10 |
| P3740 | 3 | 191 | 4 | 26 | .5 | 1347 | 105 | 2410 | 10.61 | 779 | 5 | ND | 2 | 4 | 1 | 2 | 2 | 133 | .09 | .04 | 2 | 1075 | 2.99 | 38 | .01 | 7 | 1.14 | .01 | .02 | 4 | 22 | 60 |
| P3750 | 1 | 6 | 9 | 26 | .1 | 209 | 14 | 318 | 2.83 | 30 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 52 | .11 | .04 | 2 | 276 | 1.89 | 60 | .10 | 3 | .85 | .01 | .02 | 1 | 2 | 40 |
| P3760 | 1 | 11 | 11 | 15 | .4 | 14 | 3 | 80 | .98 | 12 | 7 | ND | 1 | 12 | 1 | 2 | 2 | 28 | .07 | .07 | 2 | 23 | .18 | 23 | .06 | 3 | .85 | .02 | .03 | 1 | 1 | 50 |
| P3770 | 1 | 24 | 5 | 65 | .1 | 73 | 11 | 373 | 3.25 | 121 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 58 | .09 | .06 | 2 | 96 | 1.04 | 35 | .12 | 2 | 1.56 | .02 | .03 | 1 | 7 | 50 |
| P3780 | 1 | 8 | 7 | 20 | .2 | 8 | 4 | 565 | 1.54 | 6 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 37 | .06 | .07 | 2 | 16 | .19 | 26 | .08 | 3 | .70 | .02 | .03 | 1 | 7 | 40 |
| P3790 | 1 | 3 | 8 | 12 | .2 | 6 | 2 | 56 | .59 | 9 | 5 | ND | 1 | 9 | 1 | 3 | 2 | 18 | .07 | .06 | 2 | 6 | .10 | 19 | .08 | 2 | .39 | .02 | .03 | 1 | 1 | 40 |
| P3810 | 1 | 44 | 5 | 85 | .4 | 520 | 31 | 734 | 4.46 | 241 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 44 | .24 | .09 | 2 | 227 | 2.15 | 42 | .08 | 6 | 2.06 | .01 | .13 | 1 | 6 | 630 |
| P3820 | 1 | 75 | 30 | 116 | .3 | 48 | 18 | 1174 | 4.78 | 94 | 5 | ND | 1 | 22 | 1 | 2 | 2 | 61 | .46 | .11 | 5 | 40 | 1.47 | 67 | .14 | 2 | 2.31 | .01 | .23 | 1 | 7 | 270 |
| P3830 | 1 | 53 | 11 | 104 | .3 | 30 | 12 | 563 | 4.37 | 41 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 58 | .28 | .09 | 2 | 28 | 1.42 | 65 | .13 | 2 | 2.54 | .01 | .24 | 1 | 4 | 40 |
| P3840 | 1 | 49 | 10 | 101 | .2 | 30 | 14 | 995 | 4.20 | 79 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 62 | .35 | .10 | 4 | 25 | 1.28 | 98 | .11 | 2 | 2.48 | .01 | .32 | 1 | 5 | 110 |
| P3850 | 1 | 59 | 7 | 115 | .3 | 34 | 18 | 1164 | 5.23 | 85 | 5 | ND | 2 | 24 | 1 | 3 | 2 | 80 | .36 | .11 | 7 | 32 | 1.42 | 129 | .13 | 2 | 2.94 | .01 | .78 | 1 | 20 | 50 |
| P3860 | 1 | 37 | 8 | 86 | .1 | 23 | 14 | 778 | 4.30 | 47 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 80 | .14 | .09 | 3 | 36 | 1.12 | 62 | .11 | 2 | 2.66 | .01 | .09 | 1 | 12 | 50 |
| P3870 | 1 | 42 | 6 | 98 | .2 | 32 | 15 | 1115 | 4.21 | 257 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 70 | .17 | .11 | 2 | 32 | 1.15 | 110 | .11 | 2 | 2.57 | .02 | .20 | 1 | 7 | 340 |
| P3880 | 1 | 56 | 8 | 118 | .3 | 41 | 18 | 1199 | 4.89 | 1542 | 5 | ND | 1 | 47 | 1 | 7 | 2 | 80 | .24 | .11 | 5 | 39 | 1.24 | 141 | .11 | 2 | 3.05 | .02 | .33 | 1 | 37 | 10600 |
| P3890 | 1 | 4 | 3 | 17 | .2 | 8 | 3 | 123 | 1.22 | 12 | 6 | ND | 1 | 10 | 1 | 2 | 2 | 33 | .09 | .04 | 2 | 9 | .14 | 22 | .10 | 2 | .84 | .02 | .02 | 1 | 2 | 30 |
| P3900 | 1 | 32 | 3 | 106 | .1 | 37 | 13 | 589 | 3.72 | 40 | 5 | ND | 2 | 30 | 1 | 2 | 5 | 69 | .20 | .07 | 2 | 36 | 1.02 | 140 | .17 | 2 | 3.23 | .02 | .20 | 1 | 2 | 40 |
| P3910 | 1 | 28 | 9 | 101 | .1 | 32 | 13 | 602 | 3.80 | 37 | 5 | ND | 2 | 23 | 1 | 3 | 2 | 64 | .20 | .05 | 5 | 30 | 1.00 | 111 | .18 | 2 | 2.63 | .02 | .16 | 1 | 1 | 30 |
| P3920 | 1 | 19 | 12 | 62 | .1 | 21 | 10 | 825 | 2.58 | 30 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 44 | .23 | .05 | 4 | 19 | .60 | 95 | .12 | 2 | 1.61 | .02 | .07 | 1 | 1 | 40 |
| P3930 | 1 | 33 | 11 | 102 | .1 | 30 | 11 | 840 | 3.87 | 80 | 5 | ND | 2 | 28 | 1 | 2 | 2 | 53 | .22 | .07 | 5 | 28 | 1.01 | 116 | .10 | 2 | 2.69 | .01 | .13 | 1 | 240 | 20 |
| P3940 | 1 | 33 | 10 | 81 | .1 | 36 | 13 | 735 | 3.41 | 79 | 5 | ND | 2 | 21 | 1 | 4 | 2 | 52 | .20 | .08 | 4 | 27 | .90 | 74 | .12 | 2 | 2.05 | .01 | .13 | 1 | 2 | 330 |
| P3950 | 1 | 19 | 5 | 59 | .1 | 19 | 7 | 670 | 2.34 | 65 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 34 | .12 | .03 | 2 | 14 | .66 | 52 | .08 | 2 | 1.40 | .01 | .07 | 1 | 7 | 40 |
| P3960 | 2 | 71 | 35 | 108 | .2 | 49 | 21 | 2428 | 4.95 | 126 | 5 | ND | 2 | 42 | 1 | 2 | 2 | 45 | .39 | .18 | 6 | 28 | .90 | 109 | .07 | 2 | 2.15 | .01 | .12 | 1 | 17 | 50 |
| STD C/FA-AU | 19 | 61 | 38 | 130 | 7.0 | 68 | 27 | 1110 | 3.92 | 41 | 17 | 7 | 36 | 48 | 16 | 15 | 19 | 59 | .48 | .15 | 40 | 58 | .88 | 170 | .08 | 39 | 1.71 | .06 | .11 | 11 | 49 | 1400 |

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| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P3970 | 1 | 17 | 9 | 44 | .3 | 389 | 23 | 590 | 2.81 | 78 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 38 | .10 | .05 | 2 | 222 | 1.26 | 50 | .07 | 2 | 1.29 | .01 | .03 | 1 | 2 | 30 |
| P3980 | 1 | 34 | 30 | 130 | .4 | 32 | 12 | 850 | 3.38 | 19 | 5 | ND | 2 | 37 | 1 | 2 | 5 | 44 | .18 | .11 | 2 | 26 | .93 | 113 | .11 | 4 | 1.87 | .01 | .16 | 2 | 1 | 20 |
| P3990 | 1 | 13 | 20 | 70 | .2 | 13 | 5 | 297 | 2.38 | 20 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 37 | .21 | .05 | 2 | 19 | .64 | 83 | .10 | 2 | 1.37 | .01 | .05 | 2 | 3 | 70 |
| P4000 | 2 | 26 | 13 | 91 | .3 | 23 | 11 | 1309 | 2.86 | 8 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 49 | .22 | .09 | 2 | 28 | .76 | 178 | .08 | 2 | 1.68 | .01 | .16 | 1 | 1 | 40 |
| P4010 | 1 | 36 | 14 | 92 | .3 | 38 | 13 | 829 | 3.78 | 6 | 5 | ND | 2 | 41 | 1 | 2 | 3 | 77 | .25 | .11 | 2 | 71 | 1.31 | 171 | .16 | 5 | 2.58 | .02 | .17 | 1 | 1 | 20 |
| P4020 | 1 | 38 | 16 | 96 | .2 | 33 | 13 | 715 | 3.71 | 30 | 5 | ND | 1 | 47 | 1 | 2 | 5 | 72 | .19 | .09 | 2 | 39 | 1.05 | 196 | .15 | 2 | 2.43 | .02 | .24 | 1 | 2 | 10 |
| P4030 | 1 | 40 | 8 | 90 | .2 | 35 | 14 | 1074 | 3.13 | 14 | 5 | ND | 1 | 53 | 1 | 2 | 5 | 62 | .17 | .08 | 2 | 41 | .87 | 188 | .10 | 4 | 1.86 | .01 | .26 | 1 | 1 | 40 |
| P4040 | 1 | 76 | 18 | 123 | .2 | 58 | 20 | 571 | 4.62 | 17 | 5 | ND | 1 | 80 | 1 | 2 | 5 | 90 | .26 | .07 | 2 | 57 | 1.32 | 187 | .19 | 5 | 3.48 | .02 | .25 | 1 | 1 | 30 |
| P4050 | 1 | 50 | 11 | 122 | .2 | 41 | 15 | 714 | 4.01 | 18 | 5 | ND | 1 | 77 | 1 | 2 | 2 | 74 | .31 | .13 | 2 | 42 | 1.13 | 176 | .14 | 2 | 2.66 | .02 | .27 | 1 | 2 | 20 |
| P4060 | 1 | 50 | 15 | 106 | .3 | 41 | 14 | 525 | 3.92 | 25 | 5 | ND | 1 | 73 | 1 | 2 | 2 | 79 | .28 | .07 | 2 | 46 | 1.12 | 191 | .17 | 2 | 2.93 | .02 | .34 | 1 | 3 | 30 |
| P4070 | 1 | 39 | 13 | 97 | .2 | 32 | 14 | 500 | 3.95 | 23 | 5 | ND | 2 | 60 | 1 | 2 | 5 | 87 | .27 | .06 | 2 | 41 | 1.08 | 209 | .19 | 4 | 3.00 | .03 | .27 | 1 | 1 | 10 |
| P4080 | 1 | 39 | 8 | 75 | .3 | 27 | 8 | 347 | 2.95 | 9 | 5 | ND | 1 | 50 | 1 | 2 | 2 | 61 | .17 | .09 | 2 | 32 | .78 | 143 | .10 | 2 | 2.06 | .02 | .18 | 1 | 2 | 50 |
| P4090 | 2 | 40 | 14 | 115 | .1 | 33 | 16 | 1181 | 4.10 | 8 | 5 | ND | 1 | 32 | 1 | 2 | 3 | 96 | .19 | .08 | 2 | 45 | 1.06 | 278 | .20 | 7 | 2.58 | .02 | .22 | 1 | 1 | 30 |
| P4100 | 1 | 55 | 13 | 106 | .3 | 55 | 16 | 626 | 3.92 | 46 | 5 | ND | 2 | 57 | 1 | 2 | 4 | 83 | .30 | .08 | 3 | 53 | 1.16 | 227 | .16 | 2 | 2.88 | .02 | .32 | 1 | 1 | 40 |
| P4110 | 3 | 82 | 16 | 136 | .2 | 72 | 18 | 1126 | 3.74 | 17 | 5 | ND | 1 | 38 | 1 | 2 | 5 | 69 | .20 | .09 | 7 | 86 | 1.34 | 391 | .14 | 3 | 2.60 | .01 | .37 | 1 | 1 | 10 |
| P4120 | 1 | 87 | 12 | 127 | .3 | 81 | 23 | 890 | 4.49 | 21 | 5 | ND | 1 | 75 | 1 | 2 | 2 | 91 | .31 | .13 | 2 | 98 | 1.52 | 286 | .15 | 6 | 3.10 | .02 | .44 | 1 | 2 | 20 |
| P4130 | 1 | 54 | 17 | 130 | .4 | 46 | 14 | 639 | 4.08 | 15 | 5 | ND | 1 | 47 | 1 | 2 | 4 | 86 | .17 | .09 | 3 | 63 | 1.16 | 197 | .14 | 4 | 2.78 | .01 | .34 | 1 | 1 | 40 |
| P4140 | 1 | 161 | 14 | 167 | .4 | 219 | 44 | 950 | 5.72 | 26 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 136 | .31 | .06 | 2 | 338 | 4.10 | 100 | .22 | 2 | 4.55 | .01 | .23 | 1 | 2 | 30 |
| P4150 | 1 | 42 | 15 | 105 | .5 | 33 | 13 | 525 | 3.92 | 18 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 74 | .17 | .07 | 2 | 42 | 1.03 | 173 | .13 | 2 | 2.76 | .02 | .14 | 1 | 2 | 20 |
| P4160 | 1 | 42 | 13 | 103 | .2 | 35 | 15 | 1077 | 3.54 | 24 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 66 | .18 | .10 | 2 | 36 | .95 | 193 | .11 | 2 | 2.45 | .02 | .19 | 1 | 1 | 20 |
| P4170 | 1 | 64 | 8 | 104 | .3 | 42 | 17 | 500 | 4.16 | 18 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 86 | .22 | .08 | 3 | 46 | 1.24 | 187 | .17 | 2 | 3.39 | .02 | .28 | 1 | 8 | 30 |
| P4180 | 1 | 49 | 7 | 96 | .4 | 36 | 15 | 643 | 3.71 | 13 | 5 | ND | 1 | 39 | 1 | 2 | 3 | 79 | .18 | .11 | 2 | 39 | 1.10 | 173 | .14 | 2 | 2.95 | .02 | .32 | 1 | 1 | 40 |
| P4190 | 1 | 45 | 7 | 106 | .3 | 37 | 15 | 758 | 4.24 | 21 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 87 | .21 | .10 | 2 | 42 | 1.28 | 193 | .16 | 2 | 2.69 | .02 | .33 | 1 | 1 | 10 |
| P4200 | 1 | 39 | 15 | 96 | .1 | 31 | 13 | 856 | 3.39 | 27 | 5 | ND | 1 | 96 | 1 | 2 | 2 | 57 | .20 | .12 | 2 | 29 | .97 | 151 | .11 | 2 | 2.34 | .01 | .21 | 1 | 2 | 30 |
| P4210 | 1 | 63 | 17 | 104 | .2 | 43 | 17 | 567 | 4.25 | 11 | 5 | ND | 1 | 108 | 1 | 2 | 3 | 80 | .22 | .07 | 2 | 51 | 1.33 | 205 | .18 | 2 | 3.02 | .01 | .29 | 1 | 5 | 20 |
| P4220 | 1 | 39 | 15 | 109 | .1 | 30 | 13 | 683 | 3.69 | 37 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 63 | .23 | .06 | 2 | 30 | 1.04 | 216 | .14 | 2 | 2.20 | .01 | .14 | 1 | 1 | 30 |
| P4230 | 1 | 40 | 21 | 113 | .2 | 29 | 13 | 688 | 4.29 | 44 | 5 | ND | 1 | 69 | 1 | 2 | 7 | 69 | .14 | .07 | 2 | 32 | 1.17 | 119 | .17 | 2 | 2.72 | .01 | .16 | 1 | 5 | 40 |
| P4240 | 1 | 34 | 14 | 94 | .2 | 30 | 14 | 1171 | 2.75 | 12 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 55 | .39 | .17 | 2 | 33 | .79 | 226 | .05 | 2 | 1.59 | .01 | .30 | 1 | 1 | 50 |
| P4250 | 1 | 51 | 11 | 114 | .3 | 209 | 25 | 1084 | 4.24 | 32 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 74 | .36 | .21 | 2 | 83 | 2.64 | 183 | .10 | 3 | 2.34 | .01 | .42 | 1 | 2 | 30 |
| P4260 | 1 | 39 | 7 | 125 | .2 | 41 | 15 | 1183 | 3.23 | 29 | 5 | ND | 1 | 74 | 1 | 2 | 2 | 59 | .64 | .16 | 2 | 36 | .92 | 256 | .07 | 2 | 1.81 | .01 | .30 | 1 | 2 | 50 |
| P4270 | 3 | 38 | 4 | 83 | .2 | 203 | 15 | 927 | 2.91 | 35 | 5 | ND | 1 | 61 | 1 | 2 | 2 | 63 | 1.33 | .14 | 3 | 46 | 1.01 | 170 | .08 | 4 | 1.74 | .02 | .29 | 1 | 11 | 40 |
| P4280 | 1 | 33 | 11 | 133 | .3 | 32 | 16 | 1484 | 2.59 | 27 | 5 | ND | 1 | 109 | 1 | 3 | 2 | 50 | .87 | .19 | 2 | 33 | .83 | 301 | .05 | 8 | 1.49 | .01 | .41 | 1 | 18 | 40 |
| P4290 | 1 | 29 | 16 | 107 | .3 | 33 | 15 | 1744 | 2.62 | 30 | 5 | ND | 1 | 66 | 1 | 2 | 2 | 46 | .49 | .22 | 2 | 35 | .74 | 232 | .06 | 4 | 1.49 | .01 | .21 | 1 | 30 | 30 |
| P4300 | 1 | 27 | 12 | 102 | .1 | 62 | 13 | 1290 | 2.19 | 38 | 5 | ND | 1 | 92 | 1 | 3 | 2 | 36 | .90 | .15 | 2 | 56 | .85 | 199 | .05 | 3 | 1.25 | .01 | .19 | 1 | 5 | 40 |
| P4310 | 1 | 49 | 12 | 151 | .3 | 52 | 16 | 3369 | 2.26 | 44 | 5 | ND | 1 | 56 | 2 | 3 | 2 | 35 | .97 | .14 | 2 | 41 | .74 | 297 | .03 | 3 | 1.21 | .01 | .18 | 1 | 4 | 50 |
| P4320 | 1 | 11 | 5 | 74 | .1 | 44 | 11 | 1162 | 2.15 | 41 | 5 | ND | 1 | 17 | 1 | 3 | 2 | 44 | .20 | .11 | 2 | 37 | .60 | 163 | .11 | 6 | 1.20 | .02 | .09 | 1 | 2 | 10 |
| STD C/FA-AU | 20 | 60 | 40 | 136 | 7.1 | 67 | 28 | 1167 | 3.91 | 39 | 16 | 7 | 40 | 52 | 17 | 15 | 20 | 59 | .48 | .15 | 36 | 60 | .88 | 183 | .08 | 39 | 1.71 | .06 | .12 | 11 | 50 | 1400 |

HUDSON BAY EXPLORATION PROJECT - 7345 FILE # 85-1372

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P433D | 2 | 28 | 6 | 92 | .3 | 99 | 14 | 1637 | 2.93 | 314 | 5 | ND | 1 | 46 | 1 | 2 | 2 | 55 | .73 | .07 | 4 | 52 | .96 | 78 | .13 | 2 | 1.72 | .03 | .14 | 1 | 6 | 30 |
| P434D | 2 | 19 | 8 | 38 | .3 | 20 | 6 | 384 | 1.92 | 292 | 5 | ND | 1 | 71 | 1 | 4 | 2 | 30 | 1.31 | .08 | 4 | 17 | .27 | 52 | .05 | 2 | 1.07 | .02 | .04 | 1 | 1 | 70 |
| P435D | 2 | 30 | 2 | 113 | .1 | 34 | 12 | 1228 | 3.25 | 70 | 5 | ND | 1 | 58 | 1 | 2 | 3 | 59 | .33 | .08 | 3 | 31 | .91 | 151 | .12 | 2 | 2.12 | .02 | .16 | 1 | 2 | 30 |
| P436D | 2 | 17 | 2 | 47 | .3 | 135 | 10 | 408 | 2.14 | 36 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 36 | .13 | .05 | 2 | 92 | .85 | 119 | .09 | 2 | .96 | .02 | .06 | 1 | 2 | 20 |
| P437D | 2 | 31 | 10 | 153 | .1 | 104 | 25 | 2198 | 2.66 | 16 | 5 | ND | 1 | 38 | 1 | 2 | 2 | 45 | .27 | .09 | 3 | 62 | .95 | 257 | .15 | 2 | 1.48 | .02 | .11 | 1 | 1 | 40 |
| P438D | 2 | 6 | 4 | 45 | .1 | 85 | 9 | 485 | 1.79 | 3 | 5 | ND | 1 | 15 | 1 | 2 | 3 | 34 | .17 | .05 | 2 | 60 | .58 | 91 | .12 | 2 | .78 | .02 | .07 | 1 | 1 | 10 |
| P439D | 2 | 20 | 9 | 86 | .1 | 310 | 29 | 2811 | 3.43 | 34 | 5 | ND | 1 | 30 | 1 | 2 | 6 | 55 | .37 | .08 | 3 | 151 | 1.35 | 288 | .13 | 4 | 1.56 | .02 | .13 | 1 | 2 | 20 |
| P440D | 1 | 20 | 4 | 41 | .3 | 250 | 14 | 375 | 2.97 | 494 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 49 | .99 | .05 | 2 | 139 | 1.01 | 76 | .11 | 2 | 1.28 | .02 | .07 | 1 | 1 | 30 |
| P441D | 1 | 13 | 6 | 29 | .1 | 203 | 15 | 199 | 2.19 | 99 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 38 | .21 | .02 | 2 | 73 | .49 | 77 | .13 | 2 | .94 | .02 | .04 | 1 | 1 | 20 |
| P442D | 1 | 25 | 11 | 72 | .3 | 383 | 26 | 3272 | 2.65 | 20 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 42 | .49 | .06 | 2 | 141 | 1.51 | 434 | .10 | 3 | 1.20 | .02 | .08 | 1 | 1 | 40 |
| P443D | 1 | 5 | 3 | 29 | .1 | 72 | 6 | 195 | 1.36 | 3 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 33 | .13 | .02 | 2 | 94 | .98 | 27 | .09 | 3 | .70 | .01 | .03 | 1 | 1 | 10 |
| P444D | 1 | 66 | 4 | 79 | .1 | 410 | 34 | 553 | 4.26 | 44 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 75 | .24 | .03 | 4 | 304 | 3.36 | 77 | .17 | 4 | 2.46 | .01 | .08 | 1 | 2 | 20 |
| P445D | 1 | 20 | 2 | 82 | .1 | 396 | 28 | 441 | 3.30 | 18 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 57 | .15 | .04 | 3 | 166 | 1.93 | 38 | .15 | 2 | 1.78 | .02 | .03 | 1 | 1 | 10 |
| P446D | 1 | 23 | 7 | 20 | .1 | 524 | 28 | 469 | 3.62 | 27 | 5 | ND | 1 | 30 | 1 | 2 | 2 | 25 | .38 | .04 | 3 | 294 | .74 | 128 | .04 | 6 | .34 | .01 | .03 | 1 | 1 | 30 |
| P447D | 1 | 14 | 5 | 30 | .1 | 550 | 38 | 799 | 2.45 | 37 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 24 | .41 | .08 | 2 | 217 | 2.51 | 99 | .05 | 5 | .62 | .01 | .03 | 1 | 4 | 50 |
| P448D | 1 | 34 | 13 | 77 | .1 | 536 | 42 | 1496 | 2.28 | 8 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 33 | .81 | .12 | 2 | 204 | 2.18 | 191 | .09 | 8 | 1.16 | .01 | .15 | 1 | 1 | 80 |
| P449D | 1 | 5 | 5 | 30 | .1 | 106 | 10 | 716 | 1.38 | 2 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 28 | .15 | .03 | 2 | 72 | .66 | 93 | .10 | 6 | .53 | .02 | .05 | 1 | 1 | 20 |
| P450D | 1 | 11 | 3 | 21 | .1 | 46 | 4 | 1551 | 1.00 | 2 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 20 | .31 | .04 | 2 | 38 | .16 | 219 | .05 | 9 | .19 | .01 | .04 | 1 | 13 | 30 |
| P451D | 1 | 26 | 2 | 67 | .1 | 124 | 18 | 638 | 3.17 | 67 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 63 | .33 | .06 | 3 | 85 | 1.08 | 106 | .21 | 21 | 1.63 | .02 | .13 | 1 | 1 | 10 |
| P452D | 1 | 27 | 3 | 59 | .1 | 803 | 35 | 514 | 3.73 | 159 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 63 | .25 | .03 | 2 | 268 | 2.29 | 54 | .16 | 4 | 1.97 | .02 | .04 | 1 | 1 | 10 |
| P453D | 2 | 10 | 2 | 42 | .2 | 340 | 26 | 449 | 3.97 | 84 | 5 | ND | 1 | 11 | 1 | 2 | 3 | 66 | .20 | .04 | 4 | 349 | 1.86 | 49 | .12 | 3 | 1.05 | .01 | .04 | 1 | 7 | 20 |
| P454D | 1 | 10 | 4 | 49 | .1 | 221 | 17 | 531 | 3.25 | 21 | 5 | ND | 1 | 15 | 1 | 2 | 3 | 70 | .24 | .06 | 4 | 210 | 1.78 | 68 | .16 | 2 | 1.27 | .01 | .07 | 1 | 1 | 10 |
| P455D | 1 | 15 | 5 | 35 | .1 | 396 | 31 | 685 | 3.42 | 250 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 53 | .66 | .05 | 3 | 280 | 2.02 | 50 | .10 | 4 | 1.31 | .02 | .04 | 1 | 1 | 40 |
| P456D | 2 | 26 | 17 | 33 | .1 | 1559 | 83 | 981 | 3.48 | 159 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 31 | .18 | .04 | 2 | 393 | 5.02 | 29 | .04 | 15 | 1.06 | .01 | .03 | 1 | 7 | 10 |
| P457D | 1 | 7 | 6 | 40 | .1 | 79 | 8 | 262 | 1.83 | 4 | 5 | ND | 1 | 15 | 1 | 2 | 4 | 44 | .26 | .04 | 4 | 116 | 1.09 | 79 | .16 | 2 | 1.08 | .02 | .06 | 1 | 1 | 5 |
| P458D | 1 | 30 | 2 | 75 | .2 | 345 | 28 | 419 | 4.42 | 28 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 83 | .18 | .03 | 3 | 315 | 2.59 | 65 | .20 | 2 | 2.59 | .01 | .04 | 1 | 1 | 20 |
| P464D | 1 | 42 | 2 | 75 | .3 | 330 | 21 | 558 | 3.48 | 129 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 63 | .64 | .06 | 2 | 186 | 2.49 | 69 | .13 | 4 | 1.89 | .03 | .14 | 1 | 4 | 20 |
| P465D | 1 | 22 | 7 | 51 | .3 | 92 | 6 | 458 | 1.37 | 19 | 5 | ND | 1 | 35 | 1 | 2 | 2 | 28 | 1.55 | .10 | 2 | 74 | .86 | 87 | .06 | 5 | .88 | .02 | .13 | 1 | 7 | 40 |
| P466D | 1 | 26 | 2 | 64 | .1 | 127 | 12 | 355 | 2.36 | 141 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 57 | .67 | .08 | 7 | 106 | 1.24 | 65 | .14 | 2 | 1.41 | .03 | .09 | 1 | 1 | 30 |
| P467D | 1 | 14 | 7 | 51 | .4 | 80 | 8 | 210 | 2.23 | 118 | 5 | ND | 1 | 16 | 1 | 2 | 4 | 57 | .26 | .03 | 5 | 83 | .82 | 63 | .17 | 4 | 1.21 | .03 | .04 | 1 | 1 | 10 |
| P468D | 1 | 41 | 6 | 40 | .4 | 106 | 5 | 795 | 1.32 | 185 | 5 | ND | 1 | 73 | 1 | 4 | 2 | 32 | 1.52 | .16 | 5 | 29 | .39 | 96 | .07 | 4 | .75 | .06 | .07 | 1 | 1 | 70 |
| P469D | 2 | 82 | 5 | 115 | .7 | 200 | 17 | 1682 | 3.59 | 114 | 5 | ND | 1 | 77 | 1 | 2 | 2 | 72 | 1.32 | .09 | 8 | 126 | 1.49 | 174 | .15 | 2 | 2.16 | .04 | .18 | 1 | 2 | 60 |
| P470D | 1 | 6 | 2 | 31 | .4 | 16 | 3 | 173 | 1.26 | 3 | 5 | ND | 1 | 48 | 1 | 2 | 2 | 31 | .78 | .07 | 4 | 30 | .37 | 68 | .10 | 6 | .84 | .07 | .04 | 1 | 1 | 30 |
| P471D | 1 | 17 | 6 | 81 | .1 | 57 | 10 | 311 | 3.86 | 35 | 5 | ND | 1 | 14 | 1 | 2 | 4 | 87 | .24 | .07 | 7 | 106 | 1.04 | 81 | .26 | 2 | 2.13 | .02 | .07 | 1 | 1 | 40 |
| P472D | 1 | 10 | 2 | 48 | .2 | 44 | 6 | 233 | 2.96 | 37 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 77 | .41 | .08 | 4 | 63 | .67 | 112 | .19 | 2 | 1.07 | .01 | .06 | 1 | 2 | 30 |
| P473D | 1 | 45 | 2 | 145 | .2 | 102 | 18 | 693 | 4.41 | 26 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 88 | .60 | .08 | 8 | 89 | 1.59 | 164 | .29 | 2 | 2.56 | .02 | .14 | 1 | 1 | 30 |
| STD C/FA-AU | 20 | 58 | 40 | 138 | 7.1 | 70 | 28 | 1182 | 3.92 | 40 | 17 | 7 | 38 | 52 | 17 | 15 | 19 | 57 | .48 | .14 | 39 | 58 | .88 | 185 | .08 | 38 | 1.71 | .06 | .12 | 17 | 48 | 1300 |

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HUDSON BAY EXPLORATION PROJECT [illegible] FILE # 85-1372 PAGE 2

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P474D | 1 | 34 | 8 | 77 | .2 | 217 | 17 | 487 | 3.56 | 132 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 75 | .22 | .03 | 4 | 211 | 2.19 | 60 | .16 | 4 | 1.93 | .02 | .06 | 1 | 9 | 10 |
| P475D | 1 | 14 | 7 | 57 | .2 | 57 | 9 | 183 | 3.76 | 47 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 105 | .15 | .05 | 3 | 97 | .95 | 36 | .20 | 2 | 1.77 | .02 | .04 | 1 | 8 | 30 |
| P476D | 1 | 4 | 5 | 17 | .1 | 59 | 4 | 95 | .89 | 9 | 5 | ND | 1 | 16 | 1 | 2 | 3 | 33 | .21 | .02 | 3 | 109 | .59 | 37 | .12 | 2 | .54 | .01 | .03 | 1 | 6 | 20 |
| P477D | 1 | 69 | 5 | 75 | .1 | 353 | 24 | 582 | 3.52 | 136 | 5 | ND | 2 | 27 | 1 | 2 | 2 | 70 | .67 | .06 | 4 | 172 | 2.05 | 117 | .15 | 2 | 2.00 | .03 | .17 | 1 | 5 | 30 |
| P478D | 1 | 56 | 11 | 73 | .1 | 759 | 32 | 877 | 3.58 | 120 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 72 | .55 | .07 | 4 | 193 | 2.72 | 113 | .15 | 2 | 1.95 | .03 | .20 | 1 | 4 | 50 |
| P479D | 1 | 18 | 5 | 58 | .3 | 455 | 23 | 645 | 2.30 | 50 | 6 | ND | 1 | 14 | 1 | 2 | 2 | 86 | .34 | .06 | 3 | 62 | .79 | 65 | .10 | 2 | 1.00 | .02 | .07 | 1 | 5 | 40 |
| P480D | 2 | 22 | 9 | 51 | .2 | 453 | 31 | 799 | 3.35 | 233 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 55 | .56 | .05 | 4 | 272 | 2.63 | 61 | .09 | 7 | 1.39 | .02 | .05 | 2 | 6 | 70 |
| P481D | 2 | 110 | 5 | 78 | .4 | 207 | 19 | 1199 | 3.17 | 135 | 5 | ND | 1 | 33 | 1 | 3 | 2 | 67 | .32 | .06 | 9 | 101 | 1.49 | 116 | .14 | 6 | 2.01 | .03 | .08 | 12 | 2 | 60 |
| P482D | 1 | 19 | 11 | 54 | .1 | 88 | 9 | 230 | 2.66 | 44 | 5 | ND | 2 | 14 | 1 | 2 | 5 | 63 | .14 | .05 | 4 | 70 | .93 | 55 | .16 | 2 | 1.38 | .02 | .05 | 1 | 1 | 20 |
| P483D | 1 | 9 | 8 | 70 | .1 | 130 | 13 | 227 | 2.93 | 44 | 5 | ND | 2 | 13 | 1 | 2 | 2 | 80 | .17 | .05 | 5 | 161 | 1.08 | 50 | .20 | 7 | 1.44 | .02 | .05 | 1 | 3 | 30 |
| P484D | 1 | 22 | 3 | 151 | .4 | 197 | 17 | 323 | 3.32 | 25 | 5 | ND | 2 | 21 | 1 | 2 | 3 | 73 | .25 | .04 | 5 | 89 | 1.08 | 130 | .21 | 2 | 1.89 | .03 | .07 | 1 | 1 | 30 |
| P485D | 1 | 17 | 8 | 70 | .4 | 62 | 10 | 205 | 3.83 | 29 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 98 | .15 | .07 | 4 | 85 | .92 | 81 | .20 | 2 | 2.00 | .02 | .05 | 1 | 1 | 50 |
| P486D | 1 | 3 | 6 | 16 | .1 | 16 | 2 | 76 | .83 | 2 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 29 | .05 | .03 | 3 | 25 | .22 | 14 | .13 | 2 | .42 | .01 | .02 | 1 | 8 | 10 |
| P487D | 1 | 21 | 8 | 53 | .4 | 105 | 10 | 267 | 2.36 | 9 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 53 | .32 | .06 | 3 | 56 | .96 | 116 | .15 | 2 | 1.20 | .02 | .15 | 1 | 7 | 70 |
| P488D | 1 | 20 | 6 | 52 | .1 | 170 | 15 | 212 | 3.99 | 24 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 56 | .13 | .05 | 6 | 110 | 1.43 | 47 | .14 | 2 | 1.64 | .01 | .04 | 1 | 2 | 40 |
| P489D | 2 | 7 | 7 | 34 | .1 | 36 | 4 | 129 | 1.74 | 9 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 55 | .09 | .03 | 4 | 58 | .54 | 43 | .17 | 2 | 1.04 | .01 | .02 | 1 | 3 | 30 |
| K288D | 1 | 16 | 7 | 27 | .1 | 259 | 16 | 194 | 3.01 | 40 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 52 | .15 | .02 | 2 | 303 | 1.51 | 23 | .10 | 2 | .96 | .01 | .03 | 1 | 4 | 20 |
| K289D | 1 | 10 | 8 | 24 | .1 | 201 | 16 | 265 | 2.81 | 45 | 5 | ND | 1 | 9 | 1 | 2 | 3 | 47 | .11 | .03 | 2 | 296 | 1.30 | 18 | .08 | 3 | .88 | .01 | .02 | 1 | 3 | 10 |
| K290D | 1 | 17 | 8 | 26 | .1 | 261 | 17 | 234 | 2.52 | 19 | 5 | ND | 1 | 11 | 1 | 2 | 5 | 48 | .17 | .03 | 3 | 217 | 1.75 | 21 | .10 | 2 | .94 | .01 | .04 | 1 | 2 | 5 |
| K291D | 2 | 27 | 3 | 52 | .1 | 977 | 52 | 670 | 4.45 | 55 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 52 | .10 | .04 | 3 | 293 | 3.67 | 39 | .11 | 12 | 1.57 | .01 | .03 | 1 | 6 | 5 |
| K292D | 2 | 16 | 2 | 33 | .1 | 646 | 18 | 327 | 2.35 | 18 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 38 | .09 | .05 | 2 | 90 | 2.58 | 30 | .10 | 18 | .87 | .03 | .04 | 1 | 3 | 40 |
| K293D | 2 | 14 | 6 | 44 | .1 | 316 | 22 | 1209 | 2.63 | 9 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 44 | .16 | .05 | 3 | 169 | 1.36 | 53 | .11 | 2 | 1.06 | .01 | .04 | 1 | 1 | 20 |
| K294D | 2 | 34 | 3 | 49 | .1 | 1047 | 56 | 1235 | 3.56 | 65 | 5 | ND | 2 | 12 | 1 | 2 | 2 | 44 | .21 | .04 | 4 | 277 | 3.54 | 58 | .09 | 8 | 1.57 | .01 | .04 | 1 | 3 | 20 |
| K295D | 2 | 23 | 4 | 53 | .1 | 1355 | 71 | 839 | 3.81 | 33 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 41 | .14 | .05 | 4 | 271 | 4.10 | 50 | .09 | 14 | 1.48 | .01 | .04 | 1 | 2 | 10 |
| K296D | 1 | 21 | 6 | 44 | .1 | 929 | 66 | 1053 | 2.75 | 10 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 36 | .25 | .07 | 3 | 227 | 3.05 | 75 | .07 | 14 | 1.03 | .01 | .04 | 1 | 2 | 10 |
| K298D | 2 | 11 | 8 | 34 | .1 | 887 | 41 | 733 | 3.64 | 29 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 36 | .14 | .03 | 2 | 219 | 3.33 | 35 | .08 | 2 | .99 | .02 | .03 | 1 | 3 | 20 |
| K299D | 2 | 14 | 7 | 38 | .1 | 566 | 35 | 712 | 3.28 | 95 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 42 | .11 | .04 | 3 | 333 | 1.81 | 56 | .07 | 2 | .94 | .01 | .03 | 1 | 1 | 60 |
| K300D | 1 | 25 | 5 | 46 | .4 | 851 | 47 | 500 | 5.03 | 74 | 5 | ND | 2 | 9 | 1 | 2 | 2 | 46 | .07 | .04 | 4 | 498 | 1.84 | 50 | .07 | 7 | 1.33 | .01 | .03 | 1 | 2 | 10 |
| K301D | 1 | 4 | 7 | 34 | .1 | 249 | 15 | 208 | 2.65 | 14 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 39 | .08 | .02 | 3 | 202 | 1.26 | 31 | .10 | 2 | .79 | .01 | .02 | 1 | 14 | 5 |
| K302D | 1 | 10 | 9 | 44 | .1 | 491 | 34 | 520 | 3.31 | 38 | 5 | ND | 2 | 11 | 1 | 2 | 4 | 40 | .12 | .04 | 3 | 300 | 1.54 | 65 | .09 | 5 | 1.03 | .01 | .05 | 1 | 4 | 5 |
| K303D | 1 | 36 | 12 | 116 | .1 | 310 | 30 | 928 | 4.45 | 55 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 84 | .34 | .06 | 5 | 186 | 1.82 | 164 | .16 | 7 | 2.49 | .02 | .33 | 1 | 3 | 30 |
| K304D | 1 | 21 | 12 | 127 | .1 | 153 | 18 | 1077 | 3.07 | 39 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 54 | .28 | .06 | 6 | 76 | 1.10 | 230 | .14 | 2 | 1.91 | .02 | .18 | 1 | 14 | 30 |
| K305D | 2 | 15 | 10 | 127 | .1 | 104 | 17 | 2352 | 2.96 | 26 | 5 | ND | 1 | 55 | 1 | 2 | 5 | 56 | .34 | .05 | 5 | 57 | .94 | 270 | .16 | 2 | 1.78 | .02 | .14 | 1 | 9 | 20 |
| K306D | 1 | 32 | 6 | 82 | .1 | 456 | 29 | 714 | 4.34 | 224 | 5 | ND | 2 | 24 | 1 | 2 | 4 | 72 | .24 | .07 | 5 | 170 | 2.18 | 123 | .18 | 2 | 2.46 | .02 | .51 | 1 | 8 | 10 |
| K308D | 1 | 57 | 14 | 177 | .2 | 77 | 21 | 562 | 4.72 | 235 | 5 | ND | 2 | 47 | 1 | 3 | 4 | 84 | .24 | .07 | 6 | 51 | 1.43 | 121 | .17 | 2 | 3.49 | .02 | .25 | 1 | 4 | 20 |
| K309D | 3 | 17 | 17 | 78 | .1 | 18 | 8 | 288 | 2.68 | 65 | 5 | ND | 1 | 15 | 1 | 2 | 3 | 52 | .13 | .06 | 3 | 20 | .58 | 44 | .14 | 2 | 1.32 | .02 | .07 | 1 | 7 | 10 |
| STD C/FA-AU | 20 | 59 | 39 | 134 | 7.2 | 70 | 28 | 1154 | 3.91 | 38 | 15 | 7 | 39 | 51 | 17 | 15 | 19 | 59 | .48 | .14 | 39 | 61 | .88 | 177 | .08 | 40 | 1.70 | .06 | .13 | 12 | 54 | 1300 |

9

HUDSON BAY EXPLORATION PROJECT - 7345 FILE # 85-1372

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K310D | 2 | 34 | 18 | 102 | .2 | 29 | 17 | 2658 | 3.08 | 91 | 5 | ND | 1 | 39 | 1 | 2 | 2 | 50 | .38 | .09 | 5 | 25 | .71 | 190 | .10 | 7 | 1.79 | .02 | .11 | 1 | 5 | 40 |
| K311D | 1 | 25 | 4 | 92 | .2 | 23 | 11 | 774 | 3.02 | 71 | 5 | ND | 1 | 29 | 1 | 2 | 2 | 54 | .24 | .06 | 5 | 30 | ..85 | 93 | .11 | 2 | 1.79 | .01 | .07 | 1 | 19 | 10 |
| K312D | 2 | 29 | 6 | 89 | .1 | 22 | 14 | 1047 | 3.11 | 72 | 5 | ND | 1 | 21 | 1 | 2 | 2 | 45 | .14 | .06 | 5 | 23 | .86 | 81 | .10 | 2 | 1.66 | .01 | .09 | 1 | 8 | 30 |
| K313D | 2 | 43 | 12 | 96 | .2 | 99 | 19 | 2400 | 3.65 | 99 | 5 | ND | 1 | 51 | 1 | 2 | 2 | 57 | .65 | .10 | 6 | 88 | 1.50 | 267 | .09 | 4 | 2.17 | .01 | .22 | 1 | 13 | 50 |
| K314D | 1 | 40 | 18 | 86 | .3 | 158 | 21 | 889 | 3.49 | 117 | 5 | ND | 1 | 61 | 1 | 2 | 2 | 56 | .57 | .11 | 4 | 99 | 1.44 | 112 | .10 | 2 | 2.22 | .01 | .23 | 1 | 19 | 30 |
| K315D | 2 | 24 | 16 | 96 | .1 | 28 | 13 | 821 | 3.15 | 38 | 5 | ND | 1 | 51 | 1 | 2 | 4 | 56 | .30 | .13 | 4 | 36 | .86 | 142 | .14 | 5 | 1.76 | .02 | .13 | 1 | 16 | 20 |
| K316D | 2 | 35 | 20 | 109 | .1 | 43 | 15 | 519 | 3.67 | 51 | 5 | ND | 1 | 30 | 1 | 2 | 4 | 69 | .18 | .09 | 6 | 41 | .98 | 141 | .17 | 4 | 2.13 | .02 | .08 | 2 | 25 | 5 |
| K317D | 1 | 35 | 14 | 87 | .1 | 41 | 12 | 430 | 3.16 | 18 | 5 | ND | 1 | 36 | 1 | 2 | 2 | 64 | .24 | .09 | 5 | 38 | .89 | 125 | .15 | 8 | 1.90 | .07 | .13 | 1 | 8 | 20 |
| K318D | 1 | 37 | 13 | 87 | .3 | 92 | 16 | 375 | 3.33 | 27 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 72 | .22 | .06 | 5 | 50 | 1.06 | 115 | .16 | 3 | 2.35 | .03 | .10 | 1 | 8 | 10 |
| K319D | 2 | 38 | 12 | 99 | .3 | 81 | 17 | 407 | 3.84 | 19 | 5 | ND | 2 | 30 | 1 | 2 | 2 | 80 | .20 | .05 | 4 | 50 | 1.06 | 97 | .18 | 7 | 2.55 | .03 | .11 | 1 | 5 | 20 |
| K320D | 1 | 35 | 9 | 123 | .2 | 41 | 16 | 821 | 3.72 | 16 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 71 | .31 | .11 | 5 | 41 | 1.03 | 189 | .16 | 3 | 2.18 | .02 | .13 | 1 | 3 | 30 |
| K321D | 1 | 41 | 3 | 138 | .2 | 42 | 14 | 1883 | 3.58 | 16 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 70 | .40 | .14 | 4 | 39 | 1.00 | 412 | .14 | 6 | 2.27 | .02 | .22 | 1 | 4 | 10 |
| K322D | 1 | 47 | 3 | 88 | .1 | 36 | 16 | 758 | 3.26 | 19 | 5 | ND | 1 | 86 | 1 | 2 | 2 | 61 | .58 | .16 | 3 | 36 | .95 | 258 | .08 | 2 | 2.13 | .01 | .26 | 1 | 23 | 20 |
| K324D | 1 | 49 | 6 | 110 | .2 | 45 | 13 | 459 | 4.31 | 13 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 85 | .20 | .10 | 2 | 44 | 1.09 | 160 | .15 | 3 | 2.72 | .02 | .21 | 1 | 4 | 30 |
| K325D | 24 | 148 | 4 | 300 | .1 | 63 | 49 | 1334 | 3.53 | 63 | 5 | ND | 1 | 42 | 1 | 2 | 2 | 60 | .56 | .08 | 6 | 61 | 1.19 | 101 | .13 | 4 | 2.08 | .02 | .07 | 1 | 3 | 40 |
| K326D | 3 | 28 | 2 | 107 | .2 | 67 | 12 | 517 | 3.97 | 19 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 101 | .15 | .04 | 2 | 63 | 1.27 | 136 | .24 | 2 | 2.23 | .02 | .04 | 1 | 4 | 20 |
| K327D | 2 | 2 | 6 | 30 | .1 | 6 | 2 | 84 | .86 | 2 | 5 | ND | 1 | 7 | 1 | 2 | 3 | 29 | .10 | .02 | 2 | 13 | .13 | 38 | .12 | 2 | .29 | .01 | .02 | 1 | 1 | 10 |
| K328D | 3 | 19 | 9 | 80 | .1 | 31 | 9 | 236 | 3.29 | 5 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 86 | .13 | .03 | 2 | 47 | .92 | 42 | .24 | 4 | 1.82 | .02 | .04 | 1 | 2 | 20 |
| K329D | 3 | 27 | 5 | 113 | .1 | 72 | 13 | 385 | 3.78 | 17 | 5 | ND | 1 | 13 | 1 | 2 | 2 | 86 | .19 | .06 | 3 | 72 | 1.19 | 89 | .21 | 2 | 2.31 | .02 | .08 | 1 | 3 | 30 |
| K330D | 2 | 22 | 2 | 88 | .1 | 47 | 9 | 331 | 3.50 | 8 | 5 | ND | 1 | 12 | 1 | 3 | 4 | 91 | .11 | .05 | 3 | 66 | 1.30 | 47 | .26 | 4 | 2.23 | .02 | .05 | 1 | 2 | 20 |
| K331D | 2 | 8 | 2 | 54 | .1 | 16 | 6 | 303 | 2.33 | 2 | 5 | ND | 1 | 10 | 1 | 2 | 5 | 65 | .12 | .05 | 2 | 24 | .64 | 56 | .20 | 2 | 1.17 | .02 | .05 | 1 | 2 | 10 |
| K332D | 4 | 77 | 10 | 115 | .2 | 152 | 21 | 560 | 4.87 | 61 | 5 | ND | 2 | 14 | 1 | 2 | 2 | 107 | .25 | .07 | 4 | 128 | 1.85 | 122 | .24 | 3 | 3.32 | .02 | .10 | 1 | 3 | 40 |
| K333D | 3 | 30 | 6 | 113 | .2 | 70 | 14 | 549 | 4.21 | 24 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 104 | .15 | .05 | 3 | 67 | 1.33 | 144 | .24 | 6 | 2.39 | .02 | .04 | 1 | 5 | 30 |
| K334D | 3 | 25 | 8 | 108 | .1 | 67 | 13 | 523 | 4.00 | 27 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 100 | .13 | .04 | 3 | 66 | 1.30 | 108 | .23 | 6 | 2.24 | .02 | .03 | 1 | 1 | 20 |
| K335D | 4 | 17 | 6 | 63 | .1 | 119 | 9 | 216 | 2.67 | 90 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 58 | .48 | .04 | 2 | 38 | .70 | 98 | .17 | 2 | 1.54 | .02 | .03 | 1 | 3 | 40 |
| K336D | 2 | 39 | 2 | 61 | .1 | 51 | 8 | 333 | 2.53 | 11 | 5 | ND | 1 | 23 | 1 | 2 | 6 | 60 | .42 | .04 | 2 | 58 | 1.02 | 74 | .15 | 2 | 1.60 | .03 | .05 | 1 | 3 | 20 |
| K337D | 3 | 6 | 9 | 49 | .1 | 18 | 6 | 168 | 3.19 | 4 | 5 | ND | 1 | 5 | 1 | 3 | 4 | 79 | .06 | .04 | 2 | 46 | .60 | 40 | .22 | 4 | 1.39 | .01 | .03 | 1 | 3 | 10 |
| K338D | 6 | 7 | 2 | 26 | .1 | 20 | 4 | 107 | 1.97 | 6 | 5 | ND | 1 | 4 | 1 | 2 | 5 | 53 | .06 | .04 | 2 | 33 | .35 | 28 | .18 | 4 | .68 | .01 | .02 | 1 | 2 | 10 |
| K339D | 4 | 11 | 6 | 47 | .1 | 58 | 9 | 208 | 2.10 | 12 | 5 | ND | 1 | 18 | 1 | 2 | 3 | 45 | .44 | .04 | 5 | 80 | .85 | 120 | .17 | 5 | 1.03 | .02 | .06 | 1 | 2 | 20 |
| K340D | 5 | 13 | 6 | 49 | .1 | 30 | 5 | 221 | 3.04 | 9 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 68 | .14 | .06 | 3 | 58 | .58 | 42 | .21 | 2 | 1.20 | .01 | .03 | 1 | 2 | 10 |
| K341D | 2 | 12 | 10 | 52 | .1 | 45 | 9 | 204 | 4.56 | 21 | 5 | ND | 1 | 7 | 1 | 3 | 2 | 95 | .12 | .10 | 4 | 98 | .88 | 42 | .22 | 2 | 1.63 | .01 | .03 | 1 | 5 | 40 |
| K342D | 7 | 25 | 2 | 53 | .2 | 106 | 8 | 227 | 2.35 | 20 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 43 | .12 | .04 | 3 | 86 | .71 | 44 | .11 | 3 | 1.54 | .01 | .04 | 1 | 3 | 60 |
| K343D | 5 | 19 | 3 | 126 | .7 | 78 | 10 | 229 | 3.52 | 28 | 5 | ND | 1 | 7 | 1 | 2 | 3 | 58 | .14 | .06 | 2 | 99 | 1.04 | 43 | .16 | 2 | 1.83 | .01 | .05 | 1 | 5 | 50 |
| K344D | 4 | 33 | 2 | 94 | .1 | 95 | 13 | 378 | 4.55 | 43 | 5 | ND | 2 | 12 | 1 | 3 | 2 | 88 | .20 | .19 | 4 | 120 | 1.52 | 69 | .18 | 3 | 1.91 | .02 | .06 | 1 | 4 | 30 |
| K345D | 18 | 15 | 2 | 54 | .1 | 17 | 3 | 250 | 2.23 | 2 | 5 | ND | 1 | 13 | 1 | 2 | 4 | 62 | .12 | .07 | 3 | 31 | .68 | 78 | .23 | 6 | 1.13 | .01 | .08 | 1 | 5 | 30 |
| K346D | 5 | 7 | 2 | 32 | .1 | 8 | 3 | 129 | 1.28 | 2 | 5 | ND | 1 | 12 | 1 | 3 | 7 | 43 | .11 | .04 | 2 | 19 | .42 | 42 | .18 | 3 | .66 | .01 | .05 | 1 | 3 | 20 |
| STD C/FA-AU | 20 | 58 | 41 | 136 | 7.2 | 66 | 29 | 1176 | 3.92 | 38 | 17 | 8 | 38 | 49 | 16 | 15 | 18 | 59 | .48 | .15 | 37 | 59 | .88 | 174 | .08 | 37 | 1.70 | .06 | .10 | 11 | 54 | 1300 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K3470 | 5 | 19 | 2 | 49 | .2 | 59 | 7 | 261 | 2.93 | 27 | 5 | ND | 2 | 12 | 1 | 2 | 4 | 68 | .15 | .06 | 5 | 90 | .97 | 64 | .17 | 2 | 1.34 | .02 | .06 | 1 | 4 | 20 |
| K3480 | 2 | 8 | 5 | 26 | .3 | 18 | 3 | 142 | 1.28 | 3 | 5 | ND | 1 | 9 | 1 | 3 | 3 | 39 | .12 | .04 | 4 | 45 | .47 | 36 | .16 | 2 | .69 | .01 | .04 | 1 | 3 | 10 |
| K3490 | 6 | 13 | 2 | 40 | .5 | 17 | 4 | 160 | 1.78 | 12 | 5 | ND | 1 | 11 | 1 | 2 | 4 | 52 | .11 | .04 | 3 | 40 | .56 | 45 | .15 | 2 | .92 | .02 | .04 | 1 | 2 | 30 |
| K3500 | 1 | 5 | 4 | 21 | .1 | 18 | 3 | 106 | 1.14 | 3 | 5 | ND | 1 | 14 | 1 | 4 | 2 | 30 | .18 | .07 | 5 | 11 | .17 | 23 | .09 | 2 | .69 | .03 | .02 | 1 | 1 | 20 |
| K3520 | 1 | 11 | 6 | 23 | .1 | 82 | 8 | 147 | 2.09 | 2 | 5 | ND | 1 | 10 | 1 | 2 | 5 | 43 | .08 | .02 | 2 | 89 | .65 | 26 | .11 | 4 | 1.39 | .02 | .02 | 1 | 3 | 30 |
| K3530 | 1 | 15 | 5 | 39 | .2 | 120 | 15 | 599 | 2.73 | 7 | 5 | ND | 2 | 12 | 1 | 2 | 2 | 54 | .17 | .04 | 2 | 193 | 1.48 | 25 | .11 | 6 | 1.46 | .01 | .03 | 1 | 4 | 20 |
| K3540 | 1 | 16 | 6 | 43 | .1 | 473 | 40 | 367 | 4.96 | 15 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 51 | .11 | .05 | 3 | 370 | 2.22 | 29 | .09 | 4 | 1.17 | .01 | .02 | 1 | 5 | 10 |
| K3550 | 2 | 6 | 5 | 27 | .2 | 126 | 11 | 220 | 3.20 | 2 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 49 | .14 | .03 | 2 | 177 | 1.10 | 38 | .11 | 2 | .96 | .02 | .02 | 1 | 4 | 30 |
| K3560 | 1 | 17 | 3 | 32 | .1 | 328 | 31 | 592 | 3.57 | 11 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 54 | .15 | .03 | 4 | 259 | 2.24 | 36 | .11 | 9 | 1.37 | .01 | .02 | 1 | 27 | 10 |
| K3570 | 1 | 13 | 3 | 32 | .1 | 189 | 15 | 338 | 2.70 | 37 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 48 | .11 | .03 | 3 | 237 | 1.22 | 37 | .09 | 5 | 1.07 | .01 | .02 | 1 | 5 | 20 |
| K3580 | 1 | 9 | 4 | 25 | .1 | 207 | 21 | 648 | 3.13 | 31 | 5 | ND | 1 | 8 | 1 | 3 | 2 | 48 | .07 | .03 | 2 | 314 | 1.28 | 32 | .08 | 6 | .91 | .01 | .02 | 1 | 4 | 10 |
| K3590 | 3 | 140 | 3 | 107 | 1.1 | 219 | 19 | 1908 | 4.87 | 381 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 61 | .10 | .07 | 8 | 216 | 2.38 | 226 | .15 | 2 | 2.73 | .01 | .10 | 1 | 7 | 40 |
| K3600 | 1 | 26 | 2 | 88 | .1 | 399 | 18 | 1588 | 3.78 | 201 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 47 | .12 | .05 | 7 | 165 | 1.99 | 105 | .14 | 2 | 2.23 | .01 | .07 | 1 | 5 | 20 |
| K3610 | 1 | 10 | 3 | 22 | .1 | 175 | 14 | 223 | 3.01 | 24 | 5 | ND | 1 | 7 | 1 | 2 | 3 | 54 | .07 | .03 | 2 | 247 | 1.11 | 21 | .10 | 4 | .78 | .01 | .01 | 1 | 5 | 20 |
| K3620 | 1 | 5 | 3 | 22 | .1 | 83 | 10 | 260 | 2.12 | 16 | 5 | ND | 1 | 8 | 1 | 3 | 2 | 41 | .05 | .02 | 2 | 114 | .30 | 19 | .11 | 6 | .65 | .02 | .02 | 1 | 3 | 10 |
| K3630 | 2 | 16 | 2 | 30 | .4 | 166 | 14 | 173 | 3.19 | 24 | 5 | ND | 2 | 10 | 1 | 2 | 3 | 57 | .08 | .04 | 2 | 213 | .67 | 26 | .12 | 2 | 1.00 | .02 | .01 | 1 | 4 | 30 |
| K3640 | 1 | 6 | 7 | 19 | .1 | 100 | 7 | 110 | 1.16 | 3 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 31 | .08 | .04 | 2 | 77 | .56 | 23 | .09 | 5 | 1.06 | .02 | .02 | 1 | 120 | 20 |
| K3650 | 2 | 6 | 3 | 27 | .4 | 75 | 6 | 202 | 2.01 | 15 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 50 | .05 | .03 | 4 | 133 | .74 | 36 | .12 | 4 | 1.05 | .01 | .02 | 1 | 17 | 10 |
| K3660 | 2 | 63 | 4 | 42 | .1 | 91 | 14 | 294 | 3.78 | 41 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 75 | .18 | .06 | 2 | 170 | 1.52 | 39 | .13 | 2 | 2.36 | .01 | .03 | 1 | 4 | 30 |
| K3670 | 1 | 69 | 7 | 45 | .2 | 138 | 15 | 308 | 3.33 | 31 | 5 | ND | 2 | 28 | 1 | 3 | 2 | 71 | .18 | .07 | 4 | 172 | 1.44 | 36 | .11 | 4 | 2.17 | .01 | .03 | 2 | 3 | 40 |
| K3680 | 2 | 33 | 5 | 23 | .1 | 90 | 10 | 171 | 2.77 | 15 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 75 | .16 | .04 | 3 | 137 | 1.25 | 25 | .11 | 3 | 1.42 | .02 | .02 | 1 | 3 | 20 |
| K3690 | 1 | 4 | 7 | 8 | .1 | 3 | 2 | 422 | .70 | 3 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 18 | .03 | .01 | 2 | 19 | .08 | 15 | .07 | 2 | .31 | .01 | .01 | 1 | 1 | 20 |
| K3700 | 1 | 4 | 3 | 18 | .2 | 17 | 5 | 197 | 1.41 | 11 | 5 | ND | 1 | 9 | 1 | 3 | 2 | 37 | .14 | .03 | 2 | 22 | .20 | 15 | .10 | 2 | .47 | .02 | .02 | 1 | 1 | 30 |
| K3710 | 1 | 37 | 8 | 31 | .2 | 40 | 13 | 636 | 1.58 | 81 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 43 | .40 | .09 | 4 | 50 | .35 | 23 | .06 | 2 | 1.08 | .02 | .03 | 1 | 7 | 30 |
| K3720 | 1 | 4 | 5 | 17 | .1 | 4 | 3 | 102 | 1.51 | 2 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 36 | .10 | .11 | 4 | 11 | .12 | 18 | .08 | 2 | .89 | .02 | .01 | 1 | 1 | 40 |
| K3740 | 1 | 5 | 2 | 30 | .2 | 61 | 10 | 569 | 1.79 | 2 | 5 | ND | 2 | 6 | 1 | 2 | 2 | 40 | .08 | .02 | 2 | 109 | .85 | 31 | .11 | 2 | .94 | .02 | .02 | 1 | 3 | 20 |
| K3750 | 1 | 30 | 12 | 31 | .1 | 342 | 32 | 605 | 3.20 | 15 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 43 | .10 | .02 | 2 | 374 | 2.48 | 22 | .07 | 5 | 1.59 | .01 | .01 | 1 | 10 | 10 |
| K3760 | 1 | 50 | 11 | 29 | .1 | 1749 | 109 | 1602 | 5.41 | 68 | 5 | ND | 2 | 5 | 1 | 2 | 2 | 30 | .09 | .04 | 3 | 594 | 3.53 | 22 | .02 | 14 | .65 | .01 | .01 | 1 | 13 | 20 |
| K3770 | 2 | 70 | 4 | 39 | .1 | 1435 | 72 | 1550 | 5.34 | 53 | 5 | ND | 2 | 9 | 1 | 2 | 2 | 43 | .16 | .05 | 3 | 403 | 4.73 | 29 | .06 | 12 | 1.38 | .01 | .02 | 1 | 8 | 5 |
| K3780 | 1 | 54 | 7 | 40 | .1 | 1410 | 89 | 2012 | 7.28 | 41 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 41 | .08 | .06 | 3 | 629 | 2.91 | 45 | .05 | 2 | .85 | .01 | .03 | 1 | 13 | 10 |
| K3790 | 1 | 19 | 14 | 49 | .2 | 794 | 41 | 1574 | 2.89 | 16 | 5 | ND | 2 | 14 | 1 | 2 | 2 | 40 | .14 | .07 | 4 | 195 | 1.60 | 45 | .09 | 5 | 1.07 | .01 | .04 | 1 | 10 | 40 |
| K3820 | 1 | 6 | 6 | 21 | .2 | 39 | 6 | 399 | 2.01 | 4 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 44 | .09 | .04 | 3 | 120 | .58 | 22 | .08 | 3 | 1.34 | .01 | .01 | 1 | 5 | 30 |
| K3830 | 2 | 5 | 5 | 26 | .1 | 25 | 5 | 275 | 1.70 | 2 | 5 | ND | 1 | 9 | 1 | 2 | 3 | 40 | .08 | .04 | 3 | 57 | .43 | 24 | .10 | 5 | 1.23 | .02 | .01 | 1 | 4 | 20 |
| K3840 | 1 | 37 | 8 | 40 | .1 | 474 | 33 | 520 | 4.48 | 17 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 54 | .10 | .05 | 4 | 438 | 2.39 | 26 | .08 | 2 | 1.82 | .01 | .01 | 1 | 7 | 30 |
| K3850 | 1 | 4 | 10 | 23 | .1 | 65 | 6 | 117 | 1.51 | 6 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 34 | .06 | .03 | 3 | 113 | .79 | 23 | .09 | 3 | .97 | .01 | .03 | 1 | 3 | 20 |
| K3860 | 1 | 8 | 9 | 29 | .1 | 254 | 21 | 272 | 2.29 | 5 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 38 | .10 | .03 | 2 | 143 | 1.55 | 22 | .09 | 8 | .90 | .01 | .01 | 1 | 4 | 30 |
| STD C/FA-AU | 20 | 57 | 40 | 135 | 7.2 | 69 | 28 | 1159 | 3.92 | 38 | 17 | 7 | 40 | 52 | 17 | 15 | 19 | 59 | .48 | .16 | 39 | 61 | .88 | 181 | .08 | 40 | 1.70 | .06 | .12 | 11 | 49 | 1300 |

HUDSON BAY EXPLORATION PROJECT 2345 FILE # 85-1372

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K387D | 1 | 22 | 2 | 33 | .1 | 345 | 26 | 348 | 2.60 | 7 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 45 | .10 | .03 | 2 | 133 | 2.07 | 29 | .10 | 5 | 1.32 | .01 | .02 | 1 | 57 | 10 |
| K388D | 2 | 104 | 2 | 37 | .1 | 867 | 49 | 756 | 3.45 | 22 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 50 | .12 | .03 | 3 | 162 | 3.17 | 29 | .09 | 12 | 1.71 | .01 | .02 | 1 | 62 | 5 |
| K389D | 2 | 71 | 4 | 39 | .1 | 887 | 92 | 1073 | 4.46 | 31 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 56 | .15 | .05 | 5 | 416 | 7.36 | 24 | .05 | 17 | 2.63 | .01 | .02 | 1 | 3 | 30 |
| K390D | 3 | 117 | 8 | 44 | .1 | 1157 | 142 | 1543 | 5.69 | 55 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 50 | .07 | .07 | 7 | 284 | 7.15 | 40 | .06 | 35 | 1.30 | .01 | .03 | 2 | 45 | 40 |
| K391D | 1 | 107 | 3 | 34 | .2 | 972 | 79 | 1638 | 6.26 | 59 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 53 | .37 | .04 | 5 | 584 | 4.94 | 18 | .03 | 10 | 1.56 | .01 | .02 | 1 | 15 | 20 |
| K392D | 3 | 87 | 2 | 36 | .1 | 2449 | 202 | 5869 | 7.03 | 126 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 59 | .23 | .05 | 4 | 663 | 9.42 | 31 | .02 | 20 | 1.65 | .01 | .01 | 9 | 105 | 30 |
| K393D | 2 | 105 | 5 | 33 | .1 | 940 | 112 | 1143 | 3.58 | 36 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 51 | .17 | .06 | 3 | 482 | 7.50 | 24 | .03 | 18 | 2.31 | .01 | .01 | 1 | 12 | 40 |
| K394D | 1 | 733 | 12 | 54 | .7 | 384 | 60 | 1342 | 4.78 | 26 | 5 | ND | 1 | 68 | 1 | 2 | 18 | 58 | .28 | .08 | 3 | 259 | 3.21 | 58 | .05 | 2 | 3.03 | .02 | .05 | 48 | 9 | 10 |
| K395D | 1 | 154 | 7 | 39 | .2 | 254 | 42 | 1029 | 3.72 | 26 | 5 | ND | 2 | 39 | 1 | 2 | 2 | 83 | .25 | .04 | 2 | 358 | 3.70 | 33 | .06 | 3 | 2.91 | .01 | .03 | 14 | 4 | 5 |
| K397D | 1 | 226 | 2 | 55 | .1 | 141 | 32 | 1113 | 4.35 | 38 | 5 | ND | 1 | 16 | 1 | 3 | 2 | 84 | .16 | .05 | 5 | 144 | 1.82 | 53 | .17 | 2 | 2.80 | .01 | .03 | 15 | 6 | 20 |
| K398D | 1 | 124 | 10 | 32 | .1 | 34 | 13 | 959 | 1.69 | 6 | 5 | ND | 1 | 15 | 1 | 3 | 2 | 40 | .23 | .05 | 3 | 47 | .63 | 64 | .07 | 4 | 1.06 | .01 | .03 | 1 | 1 | 30 |
| K399D | 1 | 160 | 6 | 53 | .2 | 118 | 37 | 1156 | 3.43 | 29 | 5 | ND | 1 | 67 | 1 | 3 | 2 | 63 | .25 | .22 | 5 | 162 | 1.83 | 81 | .07 | 2 | 2.92 | .02 | .05 | 14 | 3 | 50 |
| K400D | 1 | 1910 | 15 | 76 | .4 | 202 | 212 | 4736 | 9.51 | 12 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 147 | .39 | .13 | 8 | 83 | 1.84 | 51 | .08 | 2 | 3.24 | .01 | .05 | 1 | 3 | 20 |
| K401D | 1 | 50 | 2 | 26 | .1 | 14 | 9 | 412 | 2.03 | 2 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 47 | .09 | .04 | 3 | 20 | .32 | 18 | .11 | 5 | 1.17 | .02 | .02 | 2 | 1 | 10 |
| K402D | 1 | 9 | 6 | 20 | .1 | 9 | 4 | 309 | 1.42 | 3 | 5 | ND | 1 | 7 | 1 | 2 | 4 | 39 | .07 | .04 | 2 | 14 | .21 | 23 | .11 | 5 | .91 | .01 | .01 | 1 | 1 | 10 |
| K403D | 1 | 6 | 2 | 14 | .1 | 7 | 4 | 95 | 1.61 | 2 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 51 | .09 | .03 | 3 | 14 | .21 | 19 | .12 | 3 | .87 | .01 | .01 | 1 | 1 | 20 |
| K404D | 1 | 309 | 2 | 42 | .3 | 74 | 31 | 443 | 5.18 | 11 | 5 | ND | 2 | 43 | 1 | 2 | 2 | 78 | .24 | .11 | 3 | 62 | 1.31 | 69 | .14 | 3 | 2.99 | .02 | .06 | 21 | 1 | 80 |
| K405D | 1 | 157 | 2 | 40 | .1 | 85 | 26 | 679 | 3.50 | 10 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 69 | .13 | .04 | 3 | 68 | 1.38 | 45 | .13 | 5 | 2.24 | .01 | .02 | 20 | 2 | 10 |
| K406D | 1 | 215 | 5 | 52 | .1 | 346 | 51 | 1181 | 5.35 | 27 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 109 | .31 | .06 | 4 | 353 | 3.31 | 47 | .13 | 4 | 3.60 | .01 | .04 | 4 | 1 | 5 |
| K407D | 1 | 468 | 5 | 53 | .7 | 152 | 80 | 1514 | 7.46 | 50 | 5 | ND | 2 | 26 | 1 | 2 | 2 | 104 | .32 | .06 | 5 | 84 | 3.43 | 22 | .09 | 2 | 3.41 | .01 | .03 | 35 | 1 | 5 |
| K408D | 1 | 211 | 3 | 38 | .3 | 184 | 50 | 954 | 5.03 | 38 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 77 | .59 | .03 | 2 | 172 | 3.30 | 14 | .11 | 2 | 3.09 | .01 | .01 | 1 | 1 | 5 |
| K409D | 1 | 374 | 10 | 57 | .1 | 290 | 73 | 1486 | 6.79 | 155 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 122 | .53 | .06 | 5 | 174 | 3.72 | 22 | .12 | 2 | 3.63 | .01 | .02 | 4 | 5 | 70 |
| K413D | 1 | 145 | 11 | 52 | .1 | 436 | 40 | 748 | 3.94 | 48 | 5 | ND | 2 | 17 | 1 | 2 | 2 | 64 | .21 | .07 | 5 | 342 | 3.45 | 41 | .07 | 6 | 2.46 | .02 | .05 | 1 | 3 | 30 |
| K414D | 1 | 99 | 2 | 54 | .3 | 290 | 35 | 725 | 3.90 | 104 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 58 | .18 | .06 | 4 | 303 | 2.59 | 46 | .06 | 6 | 2.36 | .01 | .04 | 1 | 3 | 80 |
| K417D | 1 | 79 | 2 | 21 | .1 | 354 | 40 | 515 | 2.53 | 13 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 34 | .38 | .01 | 2 | 391 | 3.23 | 14 | .03 | 4 | 2.24 | .01 | .01 | 1 | 1 | 20 |
| K418D | 1 | 84 | 4 | 27 | .1 | 247 | 46 | 1142 | 2.67 | 21 | 5 | ND | 1 | 45 | 1 | 2 | 2 | 57 | .58 | .02 | 3 | 544 | 3.63 | 23 | .06 | 7 | 2.87 | .01 | .02 | 1 | 3 | 10 |
| K419D | 1 | 430 | 3 | 49 | .3 | 211 | 38 | 1190 | 3.65 | 17 | 5 | ND | 1 | 70 | 1 | 2 | 7 | 75 | .44 | .08 | 3 | 273 | 2.95 | 46 | .07 | 2 | 3.18 | .02 | .04 | 5 | 35 | 10 |
| K420D | 1 | 17 | 4 | 24 | .3 | 48 | 8 | 223 | 2.23 | 5 | 5 | ND | 2 | 20 | 1 | 2 | 7 | 65 | .10 | .02 | 2 | 118 | 1.08 | 42 | .12 | 2 | 1.63 | .01 | .02 | 1 | 2 | 5 |
| K421D | 2 | 19 | 8 | 31 | .2 | 87 | 9 | 158 | 1.70 | 8 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 42 | .06 | .06 | 3 | 194 | 1.34 | 27 | .06 | 2 | 2.04 | .01 | .03 | 1 | 1 | 40 |
| K422D | 1 | 5 | 13 | 19 | .1 | 11 | 3 | 97 | 1.80 | 2 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 46 | .08 | .07 | 3 | 34 | .25 | 21 | .09 | 3 | .99 | .01 | .02 | 1 | 3 | 50 |
| K423D | 1 | 8 | 6 | 14 | .1 | 10 | 2 | 61 | .75 | 3 | 5 | ND | 1 | 9 | 1 | 2 | 3 | 23 | .05 | .03 | 2 | 20 | .20 | 28 | .06 | 5 | .63 | .01 | .03 | 1 | 1 | 40 |
| K424D | 1 | 1 | 3 | 14 | .1 | 5 | 2 | 152 | .72 | 2 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 21 | .04 | .03 | 2 | 6 | .05 | 29 | .04 | 2 | .25 | .01 | .01 | 1 | 1 | 30 |
| K425D | 2 | 8 | 12 | 22 | .1 | 9 | 4 | 204 | 1.94 | 8 | 5 | ND | 1 | 10 | 1 | 2 | 3 | 44 | .09 | .11 | 4 | 24 | .24 | 34 | .06 | 4 | 1.15 | .02 | .04 | 1 | 2 | 30 |
| K426D | 2 | 14 | 8 | 22 | .1 | 22 | 8 | 157 | 2.13 | 5 | 5 | ND | 2 | 9 | 1 | 3 | 4 | 65 | .13 | .03 | 3 | 40 | .68 | 19 | .14 | 4 | 1.51 | .01 | .01 | 1 | 2 | 20 |
| K427D | 2 | 9 | 6 | 26 | .1 | 53 | 10 | 312 | 2.38 | 9 | 5 | ND | 1 | 9 | 1 | 2 | 4 | 69 | .13 | .03 | 3 | 83 | 1.06 | 24 | .16 | 2 | 1.27 | .01 | .02 | 1 | 3 | 10 |
| K428D | 2 | 4 | 4 | 22 | .1 | 19 | 5 | 232 | 1.54 | 6 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 43 | .06 | .03 | 2 | 28 | .49 | 21 | .10 | 4 | .71 | .01 | .02 | 1 | 1 | 40 |
| STD C/FA-AU | 20 | 59 | 39 | 131 | 7.1 | 68 | 27 | 1123 | 3.89 | 40 | 18 | 7 | 38 | 50 | 17 | 15 | 20 | 60 | .48 | .14 | 39 | 60 | .88 | 177 | .08 | 37 | 1.70 | .06 | .11 | 11 | 51 | 1300 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K429D | 1 | 30 | 3 | 31 | .1 | 74 | 12 | 366 | 2.07 | 6 | 5 | ND | 1 | 11 | 1 | 2 | 2 | 44 | .14 | .03 | 3 | 101 | 1.31 | 25 | .11 | 2 | 1.55 | .01 | .02 | 1 | 6 | 20 |
| K430D | 1 | 34 | 6 | 32 | .1 | 75 | 14 | 253 | 2.40 | 12 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 51 | .17 | .02 | 4 | 130 | 1.66 | 22 | .12 | 2 | 1.99 | .01 | .02 | 1 | 4 | 30 |
| K431D | 2 | 23 | 9 | 85 | .1 | 75 | 10 | 298 | 3.24 | 25 | 5 | ND | 1 | 17 | 1 | 2 | 3 | 76 | .20 | .05 | 6 | 82 | .89 | 82 | .18 | 2 | 1.52 | .02 | .05 | 1 | 1 | 10 |
| K432D | 2 | 40 | 12 | 69 | .6 | 186 | 13 | 381 | 3.25 | 457 | 5 | ND | 1 | 90 | 1 | 2 | 2 | 57 | .74 | .04 | 7 | 89 | .96 | 138 | .15 | 2 | 1.43 | .02 | .06 | 1 | 2 | 60 |
| K433D | 3 | 84 | 6 | 117 | .2 | 281 | 20 | 717 | 4.39 | 106 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 85 | .26 | .07 | 7 | 134 | 1.74 | 201 | .20 | 2 | 2.46 | .02 | .13 | 1 | 2 | 40 |
| K434D | 1 | 55 | 3 | 92 | .1 | 214 | 21 | 413 | 4.07 | 363 | 5 | ND | 1 | 20 | 1 | 2 | 2 | 99 | .40 | .03 | 7 | 108 | 1.50 | 81 | .19 | 2 | 2.33 | .03 | .15 | 1 | 16 | 40 |
| K435D | 2 | 8 | 10 | 38 | .1 | 45 | 6 | 233 | 2.32 | 14 | 5 | ND | 1 | 9 | 1 | 2 | 4 | 70 | .10 | .04 | 3 | 77 | .53 | 39 | .16 | 2 | .86 | .02 | .02 | 1 | 1 | 30 |
| K436D | 1 | 82 | 3 | 97 | .1 | 137 | 17 | 1036 | 3.60 | 126 | 5 | ND | 1 | 67 | 1 | 3 | 2 | 74 | .41 | .06 | 6 | 109 | 1.54 | 128 | .17 | 9 | 2.55 | .13 | .06 | 1 | 1 | 40 |
| K438D | 2 | 21 | 4 | 17 | .4 | 101 | 3 | 409 | .37 | 21 | 5 | ND | 1 | 67 | 1 | 2 | 2 | 24 | 5.30 | .08 | 2 | 14 | .25 | 82 | .01 | 14 | .33 | .01 | .03 | 1 | 1 | 120 |
| K439D | 1 | 41 | 5 | 14 | .1 | 231 | 3 | 242 | .40 | 22 | 5 | ND | 1 | 77 | 1 | 2 | 2 | 32 | 5.73 | .08 | 2 | 16 | .29 | 91 | .01 | 2 | .31 | .02 | .02 | 1 | 2 | 110 |
| K441D | 1 | 57 | 7 | 76 | .1 | 286 | 17 | 453 | 2.79 | 68 | 5 | ND | 1 | 14 | 1 | 2 | 2 | 55 | .50 | .03 | 6 | 159 | 1.73 | 135 | .12 | 2 | 1.79 | .01 | .11 | 1 | 1 | 30 |
| K442D | 2 | 26 | 6 | 51 | .3 | 102 | 11 | 205 | 3.27 | 17 | 5 | ND | 1 | 13 | 1 | 3 | 3 | 75 | .17 | .02 | 5 | 104 | .91 | 74 | .18 | 2 | 1.59 | .02 | .05 | 1 | 1 | 20 |
| K443D | 1 | 17 | 3 | 38 | .1 | 56 | 6 | 196 | 1.48 | 15 | 5 | ND | 1 | 12 | 1 | 3 | 2 | 33 | .15 | .04 | 4 | 62 | .34 | 184 | .09 | 8 | .76 | .02 | .04 | 1 | 10 | 40 |
| K445D | 2 | 8 | 6 | 33 | .1 | 70 | 8 | 151 | 1.93 | 6 | 5 | ND | 1 | 8 | 1 | 2 | 4 | 56 | .13 | .02 | 3 | 84 | .73 | 44 | .15 | 8 | .96 | .02 | .03 | 1 | 1 | 20 |
| K446D | 2 | 33 | 6 | 62 | .2 | 129 | 17 | 362 | 2.11 | 44 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 45 | .68 | .04 | 5 | 85 | 1.03 | 89 | .11 | 2 | 1.11 | .01 | .05 | 1 | 2 | 60 |
| K448D | 3 | 12 | 6 | 51 | .1 | 153 | 7 | 1851 | 1.03 | 22 | 5 | ND | 1 | 112 | 1 | 2 | 2 | 15 | 2.30 | .08 | 2 | 55 | 1.00 | 299 | .04 | 20 | .46 | .02 | .05 | 1 | 1 | 90 |
| K450D | 2 | 12 | 8 | 67 | .1 | 827 | 40 | 384 | 4.51 | 196 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 62 | .18 | .02 | 7 | 520 | 3.57 | 33 | .13 | 4 | 1.17 | .01 | .02 | 1 | 6 | 30 |
| K452D | 2 | 22 | 8 | 33 | .1 | 772 | 35 | 755 | 2.62 | 198 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 37 | .67 | .07 | 5 | 208 | 2.00 | 64 | .06 | 7 | 1.23 | .02 | .04 | 1 | 1 | 60 |
| K453D | 2 | 27 | 6 | 63 | .1 | 144 | 16 | 324 | 4.41 | 96 | 5 | ND | 2 | 9 | 1 | 4 | 4 | 104 | .14 | .02 | 8 | 159 | 1.53 | 51 | .32 | 2 | 2.11 | .02 | .03 | 1 | 1 | 50 |
| K454D | 2 | 12 | 5 | 46 | .1 | 68 | 9 | 234 | 2.21 | 10 | 5 | ND | 1 | 15 | 1 | 2 | 2 | 57 | .33 | .02 | 5 | 78 | 1.12 | 94 | .16 | 19 | 1.24 | .02 | .04 | 1 | 1 | 20 |
| K455D | 2 | 5 | 10 | 80 | .1 | 115 | 14 | 257 | 2.45 | 8 | 5 | ND | 1 | 13 | 1 | 3 | 5 | 63 | .21 | .02 | 4 | 73 | .89 | 105 | .18 | 2 | 1.29 | .02 | .04 | 1 | 2 | 20 |
| K456D | 1 | 42 | 11 | 37 | .1 | 466 | 15 | 328 | 1.75 | 27 | 5 | ND | 1 | 65 | 1 | 2 | 2 | 27 | 1.83 | .05 | 7 | 60 | 1.95 | 273 | .06 | 17 | .98 | .01 | .04 | 1 | 1 | 70 |
| K457D | 1 | 32 | 9 | 79 | .1 | 492 | 23 | 452 | 3.97 | 23 | 5 | ND | 2 | 19 | 1 | 2 | 2 | 80 | .30 | .02 | 6 | 54 | 1.54 | 216 | .25 | 7 | 2.29 | .02 | .14 | 1 | 1 | 20 |
| K458D | 2 | 5 | 12 | 39 | .3 | 136 | 32 | 945 | 1.22 | 5 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 28 | .33 | .04 | 3 | 27 | .31 | 142 | .07 | 16 | .81 | .03 | .03 | 1 | 1 | 40 |
| K459D | 2 | 65 | 10 | 55 | .1 | 498 | 15 | 479 | 2.62 | 78 | 5 | ND | 1 | 30 | 1 | 2 | 3 | 56 | .48 | .04 | 10 | 60 | .87 | 243 | .14 | 18 | 1.55 | .03 | .10 | 1 | 3 | 30 |
| K460D | 1 | 4 | 9 | 8 | .1 | 9 | 1 | 30 | .29 | 2 | 5 | ND | 1 | 12 | 1 | 2 | 2 | 7 | .09 | .04 | 2 | 4 | .05 | 48 | .03 | 10 | .23 | .02 | .02 | 1 | 7 | 40 |
| K461D | 1 | 17 | 7 | 40 | .1 | 139 | 16 | 185 | 2.21 | 6 | 5 | ND | 1 | 13 | 1 | 3 | 4 | 45 | .17 | .02 | 6 | 60 | .69 | 108 | .20 | 13 | 1.28 | .02 | .05 | 1 | 2 | 50 |
| K462D | 2 | 1 | 11 | 30 | .1 | 32 | 5 | 165 | 1.26 | 2 | 5 | ND | 1 | 8 | 1 | 3 | 7 | 32 | .17 | .02 | 3 | 58 | .88 | 71 | .22 | 13 | .87 | .02 | .02 | 1 | 2 | 30 |
| K463D | 2 | 10 | 11 | 54 | .1 | 84 | 9 | 229 | 2.53 | 19 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 60 | .14 | .10 | 7 | 76 | .93 | 78 | .18 | 9 | 1.21 | .02 | .04 | 1 | 3 | 20 |
| K464D | 5 | 17 | 10 | 61 | .1 | 277 | 17 | 260 | 3.05 | 76 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 59 | .33 | .04 | 6 | 89 | 1.10 | 100 | .18 | 2 | 1.48 | .02 | .05 | 2 | 5 | 20 |
| K465D | 2 | 4 | 17 | 40 | .1 | 81 | 10 | 179 | 2.73 | 13 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 76 | .07 | .08 | 5 | 66 | .87 | 36 | .18 | 4 | .96 | .01 | .02 | 1 | 3 | 30 |
| K466D | 1 | 1 | 12 | 57 | .4 | 8 | 1 | 84 | .21 | 4 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 3 | 1.02 | .12 | 2 | 3 | .07 | 316 | .01 | 17 | .11 | .01 | .08 | 1 | 6 | 230 |
| K467D | 2 | 19 | 9 | 101 | .4 | 87 | 13 | 490 | 3.85 | 25 | 5 | ND | 2 | 9 | 1 | 2 | 3 | 65 | .21 | .14 | 7 | 110 | 1.18 | 88 | .18 | 2 | 1.92 | .02 | .14 | 1 | 7 | 60 |
| K468D | 2 | 34 | 7 | 78 | .1 | 90 | 13 | 372 | 4.13 | 31 | 5 | ND | 1 | 9 | 1 | 2 | 2 | 74 | .17 | .11 | 6 | 102 | 1.28 | 76 | .20 | 14 | 1.79 | .03 | .06 | 1 | 4 | 430 |
| K469D | 2 | 31 | 11 | 76 | .1 | 186 | 14 | 2319 | 2.72 | 7 | 5 | ND | 1 | 57 | 1 | 2 | 2 | 62 | .96 | .14 | 8 | 41 | 1.02 | 206 | .10 | 2 | 2.20 | .02 | .04 | 1 | 2 | 70 |
| K470D | 11 | 34 | 9 | 27 | .6 | 12 | 3 | 213 | 1.90 | 2 | 5 | ND | 1 | 16 | 1 | 2 | 2 | 24 | .09 | .08 | 5 | 14 | .31 | 106 | .05 | 7 | .53 | .02 | .09 | 1 | 5 | 90 |
| STD C/FA-AU | 21 | 59 | 39 | 137 | 6.9 | 67 | 29 | 1175 | 3.92 | 40 | 18 | 8 | 39 | 53 | 17 | 15 | 20 | 57 | .48 | .14 | 41 | 61 | .88 | 187 | .08 | 39 | 1.70 | .07 | .11 | 11 | 52 | 1300 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K471D | 2 | 21 | 6 | 61 | .1 | 63 | 10 | 352 | 2.84 | 14 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 69 | .24 | .06 | 3 | 67 | 1.46 | 84 | .16 | 5 | 1.58 | .02 | .11 | 1 | 1 | 15 |
| K472D | 2 | 17 | 5 | 60 | .3 | 58 | 9 | 306 | 2.74 | 18 | 5 | ND | 1 | 8 | 1 | 2 | 3 | 69 | .13 | .05 | 3 | 63 | .89 | 48 | .16 | 6 | 1.31 | .02 | .06 | 1 | 1 | 40 |
| K473D | 1 | 15 | 5 | 66 | .1 | 50 | 16 | 476 | 2.55 | 8 | 5 | ND | 1 | 15 | 1 | 2 | 3 | 65 | .21 | .04 | 4 | 47 | .78 | 94 | .16 | 4 | 1.48 | .02 | .05 | 1 | 11 | 30 |
| K474D | 1 | 11 | 5 | 46 | .1 | 33 | 5 | 188 | 1.80 | 9 | 5 | ND | 1 | 15 | 1 | 2 | 4 | 49 | .15 | .04 | 2 | 34 | .63 | 57 | .13 | 2 | 1.14 | .02 | .05 | 1 | 1 | 30 |
| K475D | 1 | 16 | 3 | 67 | .1 | 67 | 9 | 778 | 2.32 | 14 | 5 | ND | 1 | 19 | 1 | 2 | 3 | 53 | .54 | .04 | 2 | 48 | .60 | 141 | .13 | 3 | 1.09 | .02 | .05 | 1 | 1 | 50 |
| K476D | 1 | 34 | 8 | 75 | .1 | 145 | 16 | 383 | 4.60 | 29 | 5 | ND | 2 | 15 | 1 | 2 | 6 | 81 | .24 | .22 | 4 | 130 | 1.55 | 132 | .13 | 7 | 2.64 | .02 | .08 | 1 | 1 | 80 |
| K477D | 1 | 2 | 4 | 17 | .1 | 11 | 2 | 92 | .79 | 3 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 24 | .12 | .02 | 2 | 20 | .18 | 63 | .09 | 6 | .35 | .02 | .02 | 1 | 1 | 10 |
| K478D | 2 | 29 | 15 | 48 | .1 | 248 | 26 | 523 | 2.91 | 25 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 48 | .50 | .05 | 3 | 64 | 2.55 | 80 | .08 | 5 | 1.17 | .01 | .06 | 1 | 1 | 40 |
| K479D | 1 | 12 | 11 | 52 | .2 | 36 | 7 | 175 | 2.59 | 23 | 5 | ND | 1 | 8 | 1 | 3 | 7 | 84 | .10 | .02 | 3 | 41 | .79 | 34 | .17 | 3 | 1.46 | .02 | .07 | 1 | 1 | 10 |
| K480D | 2 | 25 | 7 | 74 | .1 | 110 | 10 | 292 | 4.10 | 25 | 5 | ND | 1 | 11 | 1 | 2 | 5 | 110 | .14 | .05 | 3 | 52 | 1.06 | 55 | .20 | 2 | 2.46 | .02 | .04 | 1 | 1 | 40 |
| K481D | 1 | 19 | 16 | 108 | .2 | 50 | 10 | 447 | 3.26 | 9 | 5 | ND | 1 | 17 | 1 | 2 | 5 | 80 | .48 | .03 | 3 | 43 | .98 | 115 | .19 | 2 | 1.99 | .02 | .06 | 1 | 1 | 20 |
| K482D | 7 | 41 | 6 | 549 | .1 | 84 | 7 | 323 | 2.43 | 15 | 5 | ND | 1 | 26 | 1 | 2 | 2 | 57 | .35 | .04 | 2 | 60 | .94 | 82 | .12 | 2 | 1.49 | .02 | .04 | 1 | 1 | 50 |
| L724D | 1 | 1 | 13 | 11 | .1 | 4 | 1 | 37 | .37 | 2 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 25 | .03 | .01 | 2 | 7 | .08 | 15 | .10 | 2 | .25 | .01 | .01 | 1 | 1 | 10 |
| STD C/FA-AU | 20 | 59 | 39 | 134 | 6.8 | 68 | 28 | 1137 | 3.93 | 40 | 18 | 8 | 39 | 52 | 16 | 16 | 20 | 61 | .46 | .14 | 38 | 58 | .84 | 179 | .06 | 38 | 1.70 | .06 | .11 | 11 | 50 | 1400 |

HUDSON BAY EXPLORATION PROJECT - 7345 FILE # 85-1372

| SAMPLE# | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | Au**<br>PPB | Hg<br>PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P309S | 1 | 26 | 14 | 68 | .1 | 190 | 17 | 649 | 3.32 | 121 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 40 | .33 | .08 | 7 | 137 | 1.82 | 59 | .07 | 3 | 1.73 | .01 | .17 | 1 | 5 | 40 |
| P312S | 1 | 26 | 17 | 68 | .1 | 24 | 9 | 495 | 2.62 | 96 | 5 | ND | 1 | 69 | 1 | 3 | 2 | 53 | 1.38 | .16 | 6 | 46 | 1.00 | 70 | .08 | 4 | 1.65 | .01 | .24 | 1 | 1 | 40 |
| P315S | 1 | 48 | 2 | 95 | .1 | 36 | 15 | 682 | 3.76 | 97 | 5 | ND | 1 | 65 | 1 | 3 | 2 | 74 | .53 | .11 | 8 | 48 | 1.21 | 144 | .13 | 2 | 2.54 | .02 | .36 | 1 | 1 | 20 |
| P370S | 2 | 37 | 6 | 54 | .1 | 251 | 14 | 535 | 2.31 | 12 | 5 | ND | 2 | 10 | 1 | 2 | 5 | 39 | .30 | .04 | 6 | 152 | 1.94 | 220 | .10 | 9 | 1.38 | .01 | .25 | 1 | 1 | 30 |
| P307S | 1 | 20 | 2 | 49 | .2 | 166 | 12 | 540 | 2.37 | 83 | 6 | ND | 2 | 36 | 1 | 2 | 2 | 39 | .71 | .09 | 5 | 112 | 1.40 | 87 | .08 | 5 | 1.20 | .03 | .22 | 1 | 2 | 40 |
| K437S | 1 | 50 | 6 | 52 | .2 | 163 | 10 | 688 | 1.99 | 127 | 5 | ND | 2 | 48 | 1 | 2 | 2 | 54 | 3.14 | .10 | 4 | 92 | 1.07 | 80 | .06 | 12 | 1.02 | .03 | .18 | 1 | 1 | 70 |
| K440S | 2 | 36 | 3 | 49 | .1 | 137 | 12 | 505 | 2.44 | 76 | 5 | ND | 2 | 11 | 1 | 2 | 2 | 45 | .33 | .05 | 6 | 114 | 1.73 | 126 | .11 | 5 | 1.24 | .02 | .20 | 1 | 1 | 20 |
| K444S | 1 | 27 | 7 | 43 | .1 | 291 | 20 | 427 | 3.07 | 57 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 47 | .35 | .04 | 5 | 281 | 3.02 | 74 | .09 | 5 | 1.41 | .05 | .14 | 1 | 1 | 10 |
| K447S | 2 | 34 | 2 | 52 | .1 | 263 | 19 | 427 | 2.88 | 100 | 5 | ND | 2 | 14 | 1 | 2 | 6 | 52 | .32 | .04 | 6 | 152 | 1.91 | 78 | .12 | 6 | 1.47 | .02 | .10 | 1 | 1 | 40 |
| K449S | 2 | 15 | 9 | 34 | .1 | 491 | 30 | 527 | 3.55 | 135 | 5 | ND | 2 | 7 | 1 | 2 | 2 | 42 | .18 | .02 | 6 | 482 | 5.24 | 31 | .05 | 18 | 1.16 | .01 | .03 | 1 | 2 | 20 |
| K451S | 2 | 17 | 7 | 37 | .1 | 407 | 25 | 467 | 3.30 | 91 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 36 | .21 | .03 | 5 | 393 | 4.17 | 37 | .05 | 16 | 1.26 | .01 | .06 | 1 | 1 | 30 |
| L309S | 1 | 48 | 7 | 63 | .1 | 316 | 21 | 623 | 3.34 | 97 | 5 | ND | 2 | 25 | 1 | 2 | 2 | 65 | .50 | .06 | 5 | 196 | 2.39 | 75 | .12 | 8 | 1.76 | .03 | .21 | 1 | 2 | 40 |
| L310S | 2 | 12 | 5 | 38 | .1 | 389 | 23 | 471 | 3.11 | 115 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 42 | .26 | .03 | 5 | 367 | 3.79 | 36 | .06 | 12 | 1.16 | .02 | .05 | 1 | 1 | 30 |
| B18S | 1 | 216 | 19 | 56 | .1 | 107 | 34 | 691 | 3.60 | 31 | 5 | ND | 2 | 35 | 1 | 2 | 2 | 65 | .52 | .07 | 7 | 141 | 2.34 | 44 | .10 | 6 | 2.62 | .02 | .06 | 1 | 6 | 150 |
| STD C/FA AU | 21 | 59 | 40 | 137 | 7.1 | 68 | 29 | 1176 | 3.92 | 38 | 18 | 7 | 41 | 52 | 18 | 16 | 21 | 57 | .48 | .14 | 41 | 61 | .88 | 187 | .08 | 41 | 1.70 | .06 | .12 | 11 | 50 | 1400 |

| SAMPLE# | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM | Ag<br>PPM | Ni<br>PPM | Co<br>PPM | Mn<br>PPM | Fe<br>% | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM | Sb<br>PPM | Bi<br>PPM | V<br>PPM | Ca<br>% | P<br>% | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>% | W<br>PPM | Au**<br>PPB | Hg<br>PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B1R | 1 | 56 | 8 | 147 | .5 | 39 | 18 | 653 | 5.22 | 7 | 5 | ND | 3 | 133 | 1 | 3 | 2 | 54 | .30 | .16 | 5 | 27 | 1.20 | 147 | .12 | 4 | 2.18 | .03 | .44 | 1 | 2 | 40 |
| B2R | 1 | 35 | 7 | 97 | .4 | 11 | 8 | 539 | 4.15 | 8 | 5 | ND | 3 | 23 | 1 | 4 | 3 | 78 | .33 | .12 | 3 | 33 | 1.35 | 210 | .15 | 3 | 2.00 | .05 | .59 | 1 | 2 | 20 |
| B3R | 10 | 26 | 7 | 30 | .3 | 9 | 3 | 236 | 1.52 | 24 | 6 | ND | 5 | 6 | 1 | 3 | 6 | 15 | .05 | .03 | 6 | 13 | .41 | 158 | .09 | 9 | .66 | .01 | .27 | 1 | 8 | 20 |
| B4R | 1 | 73 | 2 | 33 | .3 | 433 | 36 | 643 | 2.97 | 49 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 60 | 1.22 | .02 | 2 | 1693 | 4.69 | 7 | .05 | 2 | 2.82 | .01 | .01 | 1 | 4 | 10 |
| B5R | 1 | 100 | 8 | 97 | .4 | 32 | 12 | 583 | 4.01 | 8 | 5 | ND | 4 | 25 | 1 | 2 | 4 | 28 | .86 | .15 | 10 | 29 | 1.06 | 84 | .03 | 2 | 1.70 | .02 | .20 | 1 | 5 | 70 |
| B6R | 4 | 8 | 3 | 22 | .3 | 1335 | 53 | 665 | 3.35 | 75 | 5 | ND | 2 | 1 | 1 | 2 | 2 | 19 | .04 | .01 | 2 | 774 | 11.98 | 10 | .01 | 19 | .25 | .01 | .01 | 1 | 4 | 40 |
| B7R | 4 | 8 | 5 | 11 | 1.6 | 918 | 53 | 866 | 4.02 | 78 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 14 | .22 | .01 | 2 | 682 | 13.39 | 7 | .01 | 11 | .17 | .01 | .01 | 1 | 20 | 60 |
| B8R | 1 | 32 | 2 | 61 | .6 | 33 | 7 | 750 | 2.77 | 2 | 5 | ND | 3 | 15 | 1 | 4 | 4 | 57 | .25 | .08 | 3 | 50 | 1.19 | 288 | .16 | 7 | 1.37 | .07 | .81 | 1 | 6 | 20 |
| B9R | 1 | 37 | 2 | 18 | .6 | 24 | 1 | 260 | 1.11 | 292 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 1 | .02 | .02 | 4 | 8 | .13 | 28 | .01 | 8 | .27 | .08 | .02 | 1 | 3 | 20 |
| B10R | 1 | 10 | 2 | 5 | .1 | 10 | 1 | 183 | .46 | 74 | 5 | ND | 1 | 3 | 1 | 2 | 2 | 1 | .01 | .01 | 2 | 3 | .03 | 11 | .01 | 2 | .08 | .04 | .01 | 1 | 4 | 10 |
| B11R | 1 | 9 | 3 | 2 | .4 | 8 | 1 | 64 | .46 | 69 | 5 | ND | 1 | 2 | 1 | 2 | 2 | 1 | .01 | .01 | 2 | 5 | .01 | 11 | .01 | 9 | .05 | .02 | .02 | 1 | 3 | 10 |
| B12R | 1 | 32 | 4 | 31 | .3 | 15 | 1 | 77 | .83 | 197 | 5 | ND | 2 | 5 | 1 | 2 | 2 | 1 | .01 | .01 | 6 | 3 | .04 | 38 | .01 | 2 | .25 | .06 | .05 | 1 | 2 | 20 |
| B13R | 3 | 18 | 2 | 13 | .1 | 878 | 47 | 651 | 4.40 | 30 | 5 | ND | 1 | 1 | 1 | 2 | 2 | 23 | .13 | .01 | 2 | 925 | 9.09 | 2 | .01 | 2 | .21 | .01 | .01 | 1 | 3 | 10 |
| B14R | 1 | 8 | 2 | 10 | .1 | 9 | 1 | 415 | .53 | 42 | 5 | ND | 1 | 4 | 1 | 2 | 2 | 1 | .07 | .06 | 2 | 6 | .05 | 29 | .01 | 6 | .15 | .02 | .05 | 1 | 2 | 10 |
| B15R | 2 | 13 | 3 | 64 | .1 | 40 | 3 | 993 | 1.10 | 184 | 5 | ND | 1 | 2 | 1 | 2 | 2 | 2 | .01 | .02 | 6 | 23 | .18 | 63 | .01 | 4 | .35 | .05 | .08 | 1 | 6 | 5 |
| B16R | 1 | 23 | 2 | 17 | .3 | 143 | 16 | 310 | 1.65 | 2 | 5 | ND | 1 | 51 | 1 | 2 | 2 | 24 | .94 | .01 | 2 | 421 | 2.69 | 14 | .04 | 2 | 2.57 | .16 | .03 | 1 | 2 | 5 |
| B17R | 1 | 2 | 2 | 9 | .1 | 16 | 2 | 624 | .81 | 8 | 8 | ND | 4 | 34 | 1 | 2 | 2 | 8 | 5.42 | .01 | 2 | 12 | .87 | 1 | .01 | 2 | .30 | .01 | .01 | 1 | 2 | 10 |
| B19R | 1 | 31 | 4 | 77 | .4 | 21 | 11 | 662 | 3.91 | 9 | 5 | ND | 2 | 43 | 1 | 4 | 2 | 98 | .50 | .08 | 2 | 37 | 1.43 | 437 | .20 | 3 | 2.57 | .19 | 1.24 | 1 | 3 | 5 |
| L281R | 2 | 30 | 2 | 18 | .2 | 1099 | 50 | 1148 | 3.39 | 91 | 5 | ND | 2 | 18 | 1 | 2 | 2 | 26 | .68 | .01 | 2 | 1086 | 7.12 | 22 | .01 | 12 | .53 | .01 | .01 | 1 | 3 | 5 |
| L282R | 1 | 4 | 2 | 76 | .3 | 43 | 5 | 692 | 2.43 | 11 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 11 | 1.11 | .12 | 2 | 8 | .80 | 45 | .01 | 2 | 1.31 | .04 | .09 | 1 | 2 | 20 |
| L283R | 1 | 37 | 3 | 104 | .3 | 26 | 11 | 580 | 3.95 | 10 | 5 | ND | 2 | 34 | 1 | 4 | 4 | 59 | .65 | .17 | 3 | 33 | 1.36 | 209 | .15 | 2 | 2.14 | .05 | .64 | 1 | 2 | 10 |
| L284R | 3 | 3 | 7 | 21 | .2 | 1169 | 50 | 420 | 4.09 | 48 | 5 | ND | 1 | 2 | 1 | 2 | 2 | 17 | .07 | .01 | 2 | 608 | 10.62 | 7 | .01 | 66 | .21 | .01 | .01 | 1 | 2 | 5 |
| L285R | 4 | 30 | 2 | 92 | .3 | 26 | 12 | 650 | 3.63 | 10 | 5 | ND | 2 | 30 | 1 | 5 | 3 | 37 | .56 | .08 | 3 | 23 | 1.21 | 79 | .17 | 4 | 1.84 | .03 | .36 | 1 | 3 | 5 |
| L286R | 1 | 36 | 10 | 123 | .1 | 31 | 13 | 923 | 4.22 | 115 | 5 | ND | 3 | 20 | 1 | 2 | 2 | 33 | .56 | .10 | 5 | 18 | .62 | 53 | .01 | 3 | 1.16 | .01 | .07 | 1 | 2 | 660 |
| L287R | 3 | 18 | 6 | 21 | .1 | 1363 | 57 | 701 | 3.54 | 539 | 5 | ND | 1 | 103 | 1 | 2 | 2 | 9 | .77 | .01 | 2 | 376 | 11.83 | 14 | .01 | 6 | .10 | .01 | .01 | 1 | 2 | 4000 |
| L288R | 3 | 3 | 2 | 14 | .1 | 1218 | 55 | 653 | 3.37 | 128 | 5 | ND | 1 | 4 | 1 | 2 | 2 | 13 | .24 | .01 | 2 | 591 | 10.20 | 7 | .01 | 11 | .19 | .01 | .01 | 1 | 4 | 20 |
| L289R | 1 | 49 | 3 | 8 | 1.2 | 250 | 36 | 689 | 3.51 | 87 | 8 | ND | 4 | 118 | 1 | 2 | 2 | 15 | 4.63 | .01 | 2 | 302 | 5.82 | 4 | .01 | 2 | .29 | .01 | .01 | 1 | 6 | 30 |
| L290R | 4 | 13 | 3 | 11 | 1.9 | 913 | 51 | 718 | 3.66 | 80 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 13 | .19 | .01 | 2 | 645 | 12.96 | 7 | .01 | 2 | .18 | .01 | .01 | 1 | 26 | 80 |
| L291R | 1 | 37 | 6 | 98 | .2 | 24 | 11 | 568 | 3.92 | 4 | 5 | ND | 2 | 19 | 1 | 2 | 6 | 52 | .35 | .12 | 3 | 32 | 1.45 | 104 | .14 | 2 | 1.99 | .03 | .37 | 1 | 6 | 5 |
| L292R | 1 | 9 | 2 | 4 | .1 | 10 | 2 | 82 | .49 | 16 | 5 | ND | 1 | 4 | 1 | 3 | 2 | 2 | .02 | .01 | 2 | 7 | .09 | 7 | .01 | 5 | .08 | .01 | .02 | 1 | 2 | 5 |
| L293R | 1 | 40 | 2 | 94 | .2 | 12 | 8 | 566 | 3.87 | 2 | 5 | ND | 1 | 29 | 1 | 2 | 4 | 65 | .41 | .17 | 2 | 35 | 1.29 | 141 | .16 | 2 | 2.04 | .04 | .58 | 1 | 3 | 10 |
| L294R | 1 | 39 | 2 | 97 | .3 | 21 | 10 | 535 | 4.14 | 6 | 5 | ND | 3 | 52 | 1 | 3 | 2 | 97 | .45 | .16 | 4 | 43 | 1.35 | 324 | .16 | 2 | 2.49 | .11 | .79 | 1 | 1 | 5 |
| L295R | 1 | 1 | 3 | 22 | .1 | 478 | 26 | 137 | 1.27 | 87 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 8 | .09 | .01 | 2 | 512 | 4.34 | 4 | .01 | 6 | .26 | .01 | .01 | 1 | 3 | 20 |
| L296R | 1 | 32 | 418 | 135 | 4.7 | 5 | 3 | 312 | 1.20 | 125 | 5 | ND | 1 | 8 | 1 | 2 | 3 | 3 | .09 | .05 | 2 | 4 | .21 | 31 | .01 | 8 | .40 | .01 | .09 | 1 | 260 | 5 |
| L297R | 1 | 73 | 3 | 16 | .2 | 7 | 11 | 256 | 3.20 | 2 | 5 | ND | 1 | 18 | 1 | 4 | 5 | 80 | .94 | .12 | 2 | 8 | .78 | 4 | .24 | 2 | 1.17 | .07 | .01 | 1 | 2 | 5 |
| L298R | 1 | 328 | 2 | 33 | .3 | 22 | 20 | 359 | 6.32 | 7 | 5 | ND | 2 | 10 | 1 | 2 | 9 | 320 | .86 | .05 | 2 | 21 | 1.12 | 4 | .25 | 2 | 1.64 | .09 | .03 | 1 | 4 | 10 |
| STD C/FA-AU | 20 | 60 | 39 | 135 | 6.9 | 70 | 27 | 1163 | 3.93 | 39 | 15 | 7 | 39 | 52 | 17 | 16 | 21 | 56 | .48 | .16 | 37 | 59 | .88 | 180 | .07 | 40 | 1.70 | .06 | .11 | 11 | 48 | 1300 |

## HUDSON BAY EXPLORATION PROJECT 7345 FILE # 85-1372

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L299R | 1 | 20 | 5 | 12 | .3 | 31 | 6 | 662 | 1.25 | 6 | 5 | ND | 4 | 40 | 1 | 3 | 2 | 33 | 8.45 | .01 | 2 | 25 | 1.41 | 1 | .01 | 3 | 1.02 | .01 | .01 | 1 | 2 | 15 |
| L300R | 1 | 53 | 2 | 15 | .1 | 10 | 8 | 248 | 1.88 | 2 | 5 | ND | 1 | 18 | 1 | 2 | 2 | 66 | 1.05 | .09 | 2 | 6 | .68 | 14 | .15 | 2 | 1.04 | .15 | .03 | 1 | 1 | 30 |
| L301R | 1 | 14 | 2 | 10 | .1 | 9 | 6 | 231 | 1.06 | 3 | 5 | ND | 1 | 10 | 1 | 2 | 2 | 25 | .19 | .01 | 2 | 10 | .66 | 14 | .02 | 3 | .60 | .02 | .02 | 1 | 1 | 20 |
| L302R | 1 | 23 | 45 | 96 | 2.3 | 3 | 4 | 346 | 1.44 | 537 | 5 | ND | 1 | 47 | 2 | 2 | 2 | 21 | 1.31 | .03 | 2 | 11 | .31 | 28 | .03 | 2 | .39 | .02 | .10 | 1 | 65 | 5 |
| L303R | 1 | 32 | 5 | 65 | .1 | 8 | 7 | 423 | 2.93 | 63 | 5 | ND | 1 | 20 | 1 | 3 | 2 | 80 | .73 | .04 | 2 | 17 | 1.09 | 59 | .10 | 2 | 1.51 | .08 | .35 | 1 | 5 | 35 |
| P380R | 1 | 32 | 6 | 90 | .2 | 20 | 11 | 555 | 3.81 | 22 | 5 | ND | 2 | 17 | 1 | 2 | 6 | 32 | .45 | .12 | 3 | 22 | 1.33 | 43 | .08 | 7 | 1.87 | .02 | .12 | 1 | 2 | 30 |
| K297R | 3 | 10 | 7 | 13 | .1 | 1235 | 49 | 382 | 4.08 | 34 | 5 | ND | 1 | 1 | 1 | 2 | 2 | 17 | .05 | .01 | 2 | 614 | 9.18 | 4 | .01 | 28 | .28 | .01 | .01 | 1 | 1 | 30 |
| K351R | 3 | 10 | 3 | 19 | .1 | 1344 | 54 | 672 | 5.02 | 29 | 5 | ND | 1 | 2 | 1 | 2 | 2 | 26 | .27 | .01 | 2 | 895 | 9.12 | 7 | .01 | 41 | .24 | .01 | .01 | 1 | 1 | 15 |
| K373R | 2 | 41 | 2 | 45 | .1 | 592 | 54 | 785 | 5.27 | 30 | 5 | ND | 1 | 2 | 1 | 3 | 2 | 40 | .13 | .01 | 2 | 717 | 7.96 | 15 | .01 | 17 | 2.22 | .01 | .01 | 1 | 1 | 10 |
| K380R | 3 | 14 | 7 | 19 | .1 | 1257 | 58 | 544 | 4.55 | 36 | 5 | ND | 1 | 1 | 1 | 2 | 2 | 10 | .03 | .01 | 2 | 610 | 9.94 | 7 | .01 | 51 | .09 | .01 | .01 | 1 | 2 | 10 |
| K381R | 3 | 6 | 2 | 22 | .2 | 1292 | 65 | 720 | 4.92 | 38 | 5 | ND | 1 | 2 | 1 | 3 | 2 | 17 | .02 | .02 | 2 | 798 | 9.80 | 10 | .01 | 55 | .19 | .01 | .01 | 1 | 4 | 10 |
| K396R. | 1 | 86 | 6 | 22 | .1 | 194 | 23 | 476 | 3.67 | 17 | 5 | ND | 1 | 14 | 1 | 3 | 7 | 55 | .68 | .01 | 2 | 379 | 3.33 | 7 | .10 | 5 | 1.92 | .04 | .01 | 1 | 1 | 10 |
| K410R | 1 | 179 | 4 | 58 | .1 | 47 | 19 | 600 | 4.20 | 4 | 5 | ND | 1 | 22 | 1 | 4 | 7 | 69 | .65 | .05 | 2 | 81 | 2.02 | 7 | .27 | 3 | 2.04 | .03 | .01 | 1 | 1 | 10 |
| K411R | 1 | 30 | 4 | 12 | .1 | 47 | 15 | 246 | 1.68 | 7 | 5 | ND | 1 | 18 | 1 | 2 | 3 | 33 | .79 | .01 | 2 | 63 | 1.59 | 7 | .10 | 4 | 1.55 | .01 | .01 | 1 | 1 | 30 |
| K412R | 1 | 70 | 8 | 24 | .3 | 105 | 22 | 485 | 2.40 | 26 | 5 | ND | 1 | 22 | 1 | 3 | 4 | 35 | 2.08 | .01 | 2 | 171 | 2.64 | 11 | .04 | 2 | 2.23 | .01 | .02 | 1 | 1 | 50 |
| K415R | 1 | 24 | 2 | 21 | .1 | 156 | 20 | 391 | 2.16 | 27 | 5 | ND | 1 | 14 | 1 | 2 | 4 | 28 | 1.38 | .01 | 2 | 313 | 2.82 | 5 | .03 | 2 | 1.62 | .01 | .01 | 1 | 1 | 100 |
| K416R | 1 | 40 | 4 | 21 | .1 | 227 | 27 | 360 | 2.96 | 15 | 5 | ND | 1 | 7 | 1 | 2 | 3 | 31 | .26 | .01 | 2 | 336 | 3.74 | 7 | .03 | 2 | 2.16 | .01 | .01 | 1 | 2 | 10 |
| STD C/FA AU | 20 | 57 | 41 | 138 | 6.9 | 69 | 29 | 1186 | 3.93 | 39 | 18 | 8 | 40 | 53 | 17 | 15 | 21 | 57 | .48 | .15 | 38 | 58 | .88 | 185 | .08 | 40 | 1.70 | .06 | .12 | 11 | 48 | 1300 |

HUDSON BAY EXPLORATION PROJECT [illegible] FILE # 85-1372

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB | H.a. % | H.a. GM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L304H | 2 | 42 | 5 | 27 | .2 | 456 | 35 | 347 | 3.51 | 86 | 5 | ND | 1 | 15 | 1 | 2 | 14 | 30 | .45 | .03 | 2 | 173 | 4.55 | 13 | .11 | 4 | .87 | .01 | .02 | 14 | 2 | 20 | 1.28 | 16.80 |
| L305H | 2 | 36 | 11 | 26 | .1 | 367 | 29 | 407 | 3.38 | 77 | 5 | ND | 1 | 19 | 1 | 2 | 11 | 38 | .58 | .04 | 2 | 193 | 3.78 | 18 | .14 | 2 | 1.10 | .02 | .02 | 3 | 4 | 5 | 1.66 | 19.50 |
| L306H | 4 | 6 | 7 | 30 | .1 | 726 | 30 | 478 | 2.91 | 7 | 5 | ND | 18 | 16 | 1 | 2 | 14 | 31 | .51 | .19 | 60 | 51 | 8.12 | 17 | .09 | 2 | .41 | .02 | .03 | 7 | 2 | 2100 | 1.50 | 16.90 |
| L307H | 2 | 42 | 399 | 50 | .4 | 216 | 17 | 761 | 3.75 | 40 | 5 | ND | 1 | 18 | 1 | 3 | 10 | 62 | .82 | .06 | 7 | 164 | 2.83 | 31 | .20 | 2 | 1.32 | .08 | .06 | 9 | 2 | 40 | .99 | 10.10 |
| L308H | 3 | 16 | 3 | 26 | .1 | 219 | 15 | 431 | 2.30 | 17 | 5 | ND | 18 | 24 | 1 | 2 | 16 | 48 | .67 | .08 | 77 | 114 | 2.69 | 21 | .18 | 2 | .85 | .03 | .03 | 23 | 3 | 20 | 2.52 | 30.60 |
| L311H | 7 | 1 | 3 | 37 | .1 | 1554 | 60 | 706 | 4.75 | 8 | 5 | ND | 26 | 13 | 1 | 4 | 5 | 18 | .48 | .24 | 66 | 57 | 16.71 | 9 | .03 | 2 | .19 | .01 | .02 | 1 | 1 | 370 | 1.49 | 16.60 |
| L312H | 2 | 15 | 5 | 26 | .1 | 250 | 17 | 406 | 2.42 | 23 | 5 | ND | 13 | 22 | 1 | 2 | 13 | 46 | .65 | .07 | 55 | 134 | 3.02 | 18 | .17 | 2 | .91 | .03 | .02 | 14 | 1 | 20 | 3.13 | 34.20 |
| P459H | 2 | 17 | 3 | 29 | .1 | 537 | 38 | 414 | 3.71 | 107 | 5 | ND | 1 | 18 | 1 | 2 | 12 | 35 | .57 | .04 | 4 | 208 | 5.64 | 20 | .13 | 2 | 1.01 | .02 | .03 | 1 | 3 | 40 | 2.10 | 20.40 |
| P460H | 2 | 39 | 14 | 39 | .5 | 414 | 92 | 405 | 5.17 | 295 | 5 | ND | 1 | 28 | 1 | 2 | 7 | 45 | .78 | .06 | 3 | 449 | 2.40 | 13 | .15 | 5 | 1.27 | .02 | .01 | 26 | 20 | 50 | .29 | 3.20 |
| K483H | 2 | 58 | 12 | 42 | 2.1 | 521 | 63 | 415 | 4.97 | 233 | 5 | ND | 1 | 46 | 1 | 2 | 7 | 55 | 1.41 | .03 | 5 | 687 | 2.24 | 9 | .14 | 11 | 1.51 | .03 | .01 | 2 | 30 | 70 | .26 | 3.40 |
| K484H | 2 | 45 | 11 | 57 | .4 | 211 | 44 | 478 | 5.01 | 400 | 5 | ND | 1 | 40 | 1 | 6 | 6 | 38 | .61 | .10 | 8 | 270 | 1.47 | 34 | .13 | 3 | 1.18 | .01 | .04 | 1 | 8 | 100 | .13 | 1.30 |

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ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

# GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-3 ROCKS P4-10 SOILS P11-SILTS -80 MESH P12-HEAVY MINERALS AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

DATE RECEIVED: SEPT 18 1985 DATE REPORT MAILED: Sept. 28/85 ASSAYER. D. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

HUDSON BAY EXPLORATION PROJECT - 7345 FILE # 85-2425 PAGE 1

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A158R | 2 | 241 | 9 | 31 | .2 | 10 | 22 | 225 | 7.19 | 29 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 8 | 2.70 | .08 | 9 | 5 | .45 | 19 | .01 | 2 | .95 | .02 | .06 | 1 | 5 | 10 |
| A158R-AROLR | 2 | 58 | 15 | 80 | .3 | 2 | 13 | 174 | 6.12 | 99 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 9 | 2.18 | .18 | 8 | 3 | .26 | 29 | .01 | 2 | 1.04 | .04 | .08 | 1 | 42 | 20 |
| A159R | 1 | 29 | 13 | 55 | .1 | 8 | 10 | 517 | 3.53 | 13 | 5 | ND | 1 | 271 | 1 | 2 | 2 | 24 | 1.72 | .19 | 4 | 5 | .75 | 68 | .02 | 2 | 3.28 | .53 | .10 | 1 | 8 | 10 |
| A160R | 2 | 58 | 12 | 60 | .4 | 43 | 27 | 281 | 11.39 | 53 | 5 | ND | 1 | 67 | 1 | 2 | 2 | 61 | .80 | .16 | 12 | 39 | .54 | 15 | .16 | 2 | 1.59 | .19 | .24 | 1 | 6 | 60 |
| A161R | 2 | 43 | 12 | 55 | .2 | 5 | 10 | 600 | 4.40 | 10 | 5 | ND | 1 | 30 | 1 | 2 | 3 | 56 | .49 | .22 | 6 | 4 | .75 | 64 | .11 | 3 | 1.41 | .08 | .12 | 1 | 25 | 20 |
| A162R | 3 | 61 | 8 | 41 | .1 | 3 | 13 | 656 | 6.51 | 2 | 5 | ND | 1 | 58 | 1 | 2 | 2 | 53 | .61 | .23 | 7 | 3 | .60 | 43 | .09 | 2 | 1.32 | .14 | .11 | 1 | 4 | 10 |
| A163R | 1 | 158 | 17 | 41 | .2 | 4 | 9 | 1931 | 2.30 | 6 | 5 | ND | 3 | 443 | 1 | 2 | 2 | 15 | 17.54 | .07 | 9 | 6 | .22 | 74 | .01 | 2 | .52 | .01 | .05 | 1 | 12 | 10 |
| A164R | 9 | 90 | 7 | 32 | .1 | 11 | 11 | 296 | 4.11 | 2 | 5 | ND | 1 | 67 | 1 | 2 | 2 | 28 | .46 | .14 | 7 | 12 | .52 | 34 | .04 | 3 | 1.02 | .10 | .10 | 1 | 3 | 20 |
| A165R | 1 | 48 | 11 | 49 | .2 | 11 | 12 | 225 | 5.40 | 6 | 5 | ND | 1 | 24 | 1 | 2 | 2 | 11 | .41 | .14 | 9 | 7 | .28 | 18 | .01 | 4 | .91 | .04 | .10 | 1 | 2 | 40 |
| A166R | 7 | 76 | 17 | 46 | .3 | 5 | 10 | 204 | 7.79 | 9 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 20 | .10 | .18 | 4 | 6 | .17 | 74 | .01 | 2 | .62 | .04 | .12 | 1 | 6 | 5 |
| A167R | 10 | 66 | 54 | 23 | 1.3 | 4 | 8 | 264 | 5.19 | 11 | 5 | ND | 1 | 12 | 1 | 18 | 2 | 4 | .04 | .14 | 3 | 2 | .05 | 73 | .01 | 5 | .39 | .01 | .11 | 1 | 14 | 5 |
| A173R | 3 | 48 | 6 | 43 | .1 | 21 | 11 | 398 | 4.24 | 25 | 5 | ND | 1 | 48 | 1 | 3 | 2 | 19 | .45 | .10 | 6 | 15 | .88 | 38 | .01 | 2 | 1.55 | .15 | .08 | 1 | 1 | 140 |
| A176R | 1 | 43 | 2 | 67 | .1 | 128 | 22 | 1368 | 4.21 | 17 | 5 | ND | 3 | 128 | 1 | 2 | 2 | 59 | 11.59 | .05 | 6 | 65 | 2.57 | 212 | .01 | 18 | .33 | .01 | .07 | 1 | 1 | 60 |
| A177R | 1 | 22 | 5 | 36 | .1 | 20 | 5 | 1403 | 1.07 | 2 | 5 | ND | 1 | 8 | 1 | 2 | 2 | 5 | .13 | .04 | 6 | 8 | .28 | 182 | .03 | 4 | .39 | .01 | .09 | 1 | 1 | 5 |
| A178R | 1 | 75 | 11 | 140 | 27.1 | 105 | 32 | 1355 | 6.51 | 8806 | 5 | 11 | 1 | 58 | 1 | 25 | 2 | 43 | 3.55 | .18 | 13 | 63 | .90 | 17 | .01 | 13 | 1.73 | .01 | .11 | 1 | 14300 | 1800 |
| A179R | 1 | 43 | 12 | 121 | 3.9 | 102 | 31 | 1638 | 6.44 | 4164 | 5 | 2 | 1 | 45 | 1 | 24 | 2 | 51 | 4.28 | .20 | 13 | 75 | 1.12 | 10 | .01 | 12 | 1.98 | .01 | .12 | 1 | 2940 | 1100 |
| A180R | 1 | 100 | 11 | 128 | .3 | 130 | 47 | 2238 | 9.71 | 502 | 5 | ND | 1 | 29 | 1 | 75 | 2 | 49 | 1.19 | .12 | 9 | 85 | .33 | 79 | .01 | 39 | .66 | .01 | .20 | 1 | 810 | 700 |
| A181R | 1 | 105 | 3 | 53 | .2 | 51 | 29 | 533 | 4.97 | 103 | 5 | ND | 1 | 47 | 1 | 2 | 4 | 183 | 1.39 | .10 | 4 | 51 | 2.03 | 22 | .48 | 2 | 2.48 | .28 | 1.01 | 1 | 105 | 20 |
| A195R | 2 | 31 | 2 | 23 | .1 | 405 | 34 | 517 | 3.55 | 15 | 5 | ND | 1 | 5 | 1 | 2 | 2 | 48 | 1.61 | .01 | 2 | 863 | 6.18 | 3 | .02 | 13 | 1.28 | .01 | .01 | 1 | 19 | 10 |
| A196R | 3 | 40 | 5 | 35 | .1 | 758 | 54 | 1009 | 5.10 | 29 | 5 | ND | 1 | 3 | 1 | 2 | 2 | 56 | .16 | .02 | 3 | 768 | 8.22 | 9 | .02 | 10 | 2.39 | .01 | .02 | 1 | 12 | 20 |
| A197R | 3 | 31 | 2 | 24 | .1 | 765 | 51 | 741 | 5.07 | 6 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 26 | .75 | .01 | 4 | 584 | 8.28 | 7 | .01 | 20 | 1.02 | .01 | .01 | 1 | 3 | 10 |
| A198R | 3 | 367 | 4 | 20 | 1.1 | 517 | 54 | 1282 | 4.80 | 8 | 5 | ND | 1 | 32 | 1 | 2 | 2 | 35 | 4.36 | .02 | 5 | 465 | 7.84 | 7 | .01 | 8 | .67 | .01 | .01 | 1 | 2 | 5 |
| A240R | 1 | 37 | 4 | 74 | .1 | 32 | 10 | 514 | 3.47 | 13 | 5 | ND | 1 | 28 | 1 | 2 | 2 | 63 | .34 | .07 | 5 | 36 | 1.41 | 323 | .19 | 2 | 2.10 | .06 | .76 | 1 | 4 | 10 |
| A273R | 2 | 10 | 2 | 11 | .1 | 839 | 48 | 530 | 2.90 | 57 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 9 | .54 | .01 | 2 | 375 | 5.50 | 22 | .01 | 5 | .19 | .01 | .01 | 1 | 2 | 5 |
| A274R | 1 | 22 | 5 | 76 | .1 | 18 | 8 | 578 | 3.86 | 4 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 74 | .29 | .08 | 4 | 33 | 1.37 | 376 | .23 | 2 | 2.20 | .07 | 1.01 | 1 | 6 | 5 |
| A339R | 3 | 87 | 14 | 103 | .1 | 54 | 21 | 1955 | 4.42 | 11 | 5 | ND | 2 | 20 | 1 | 2 | 2 | 53 | .43 | .15 | 21 | 29 | 1.43 | 34 | .18 | 2 | 1.82 | .01 | .10 | 1 | 2 | 20 |
| A340R | 4 | 73 | 5 | 102 | .1 | 57 | 15 | 642 | 1.96 | 5 | 5 | ND | 3 | 6 | 1 | 2 | 2 | 12 | .10 | .06 | 6 | 13 | .55 | 49 | .06 | 4 | .85 | .01 | .13 | 1 | 7 | 30 |
| A341R | 2 | 66 | 2 | 83 | .1 | 66 | 29 | 1012 | 5.18 | 2 | 5 | ND | 1 | 26 | 1 | 2 | 3 | 82 | 1.43 | .06 | 4 | 183 | 2.55 | 20 | .47 | 2 | 2.78 | .02 | .02 | 1 | 2 | 5 |
| A342R | 1 | 19 | 8 | 67 | .1 | 32 | 17 | 817 | 5.04 | 10 | 5 | ND | 1 | 43 | 1 | 2 | 2 | 138 | 3.08 | .05 | 6 | 89 | 2.71 | 57 | .05 | 2 | 2.95 | .02 | .11 | 1 | 1 | 5 |
| A342R-A | 3 | 32 | 4 | 53 | .1 | 19 | 6 | 504 | 1.79 | 2 | 5 | ND | 2 | 5 | 1 | 2 | 2 | 11 | .13 | .03 | 4 | 12 | .46 | 34 | .09 | 3 | .74 | .01 | .10 | 1 | 2 | 20 |
| A343R | 3 | 38 | 8 | 38 | .1 | 9 | 4 | 372 | 1.49 | 3 | 5 | ND | 2 | 10 | 1 | 2 | 2 | 8 | .04 | .03 | 7 | 10 | .41 | 94 | .01 | 3 | .59 | .01 | .08 | 1 | 3 | 30 |
| A344R | 2 | 31 | 7 | 119 | .1 | 63 | 15 | 843 | 4.29 | 3 | 5 | ND | 1 | 17 | 1 | 2 | 2 | 102 | .57 | .12 | 12 | 63 | 2.17 | 277 | .11 | 2 | 2.23 | .03 | .40 | 1 | 1 | 10 |
| A344R-A | 7 | 64 | 5 | 115 | .1 | 39 | 9 | 441 | 4.09 | 4 | 5 | ND | 3 | 3 | 1 | 2 | 2 | 9 | .02 | .04 | 9 | 13 | .55 | 93 | .05 | 2 | .98 | .01 | .11 | 1 | 1 | 30 |
| A345R | 2 | 24 | 4 | 75 | .1 | 36 | 6 | 566 | 2.65 | 2 | 5 | ND | 2 | 13 | 1 | 2 | 2 | 54 | .19 | .07 | 7 | 51 | 1.14 | 394 | .10 | 8 | 1.49 | .04 | .52 | 1 | 2 | 5 |
| A345R-A | 3 | 52 | 8 | 94 | .1 | 54 | 16 | 1251 | 3.75 | 7 | 5 | ND | 2 | 22 | 1 | 2 | 2 | 42 | .72 | .07 | 9 | 76 | 1.24 | 88 | .23 | 6 | 1.64 | .01 | .09 | 1 | 1 | 20 |
| ~~A000R~~ A174R | 5 | 37 | 12 | 29 | .1 | 12 | 8 | 194 | 4.52 | 40 | 5 | ND | 2 | 10 | 1 | 6 | 2 | 14 | .04 | .07 | 6 | 8 | .32 | 57 | .01 | 5 | .72 | .02 | .11 | 1 | 3 | 360 |
| STD C/FA-AU | 20 | 60 | 38 | 134 | 7.0 | 69 | 28 | 1161 | 3.93 | 40 | 19 | 8 | 37 | 52 | 17 | 15 | 22 | 58 | .48 | .15 | 37 | 60 | .88 | 175 | .07 | 39 | 1.72 | .06 | .11 | 11 | 49 | 1300 |

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| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~L598R~~ L688R | 1 | 42 | 11 | 109 | .1 | 31 | 12 | 748 | 4.66 | 8 | 5 | ND | 1 | 27 | 1 | 2 | 2 | 34 | .85 | .12 | 8 | 31 | 1.49 | 50 | .06 | 4 | 2.39 | .02 | .10 | 1 | 3 | 40 |
| ~~L546R~~ L690R | 1 | 57 | 15 | 116 | .1 | 40 | 17 | 696 | 4.73 | 2 | 5 | ND | 2 | 33 | 1 | 2 | 2 | 31 | .97 | .13 | 10 | 31 | 1.44 | 47 | .03 | 3 | 2.29 | .02 | .09 | 1 | 4 | 30 |
| L606R | 2 | 82 | 11 | 51 | .1 | 12 | 13 | 414 | 4.57 | 8 | 5 | ND | 1 | 343 | 1 | 2 | 2 | 88 | 4.11 | .21 | 7 | 16 | 1.34 | 88 | .07 | 2 | 6.65 | .84 | .07 | 1 | 2 | 10 |
| L607R | 2 | 15 | 5 | 15 | .1 | 6 | 9 | 235 | 4.16 | 6 | 5 | ND | 1 | 182 | 1 | 2 | 2 | 12 | 1.27 | .21 | 4 | 2 | .31 | 87 | .01 | 2 | 2.50 | .30 | .17 | 1 | 1 | 20 |
| L608R | 1 | 125 | 15 | 67 | .1 | 7 | 12 | 561 | 3.95 | 8 | 5 | ND | 1 | 259 | 1 | 2 | 2 | 46 | 2.45 | .20 | 5 | 5 | .98 | 124 | .11 | 2 | 4.31 | .59 | .09 | 1 | 3 | 5 |
| L609R | 6 | 78 | 8 | 75 | .1 | 7 | 13 | 524 | 5.09 | 4 | 5 | ND | 1 | 78 | 1 | 2 | 2 | 61 | .93 | .23 | 7 | 7 | .80 | 67 | .11 | 2 | 1.91 | .22 | .12 | 1 | 4 | 5 |
| L610R | 3 | 161 | 8 | 56 | .1 | 14 | 17 | 564 | 4.09 | 2 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 22 | .66 | .16 | 7 | 8 | .93 | 101 | .04 | 2 | 2.02 | .16 | .22 | 1 | 3 | 10 |
| L611R | 8 | 273 | 47 | 63 | 12.2 | 5 | 16 | 118 | 7.91 | 61 | 5 | ND | 1 | 8 | 1 | 43 | 2 | 7 | .06 | .10 | 2 | 2 | .24 | 29 | .01 | 2 | .50 | .01 | .14 | 1 | 75 | 110 |
| L613R | 1 | 75 | 2 | 65 | .1 | 66 | 22 | 1143 | 3.61 | 2 | 5 | ND | 1 | 77 | 1 | 2 | 2 | 71 | 2.00 | .12 | 8 | 104 | 2.32 | 190 | .34 | 2 | 2.40 | .02 | .04 | 1 | 1 | 40 |
| L614R | 6 | 10 | 49 | 3 | 3.3 | 2 | 1 | 37 | .76 | 13 | 5 | ND | 1 | 19 | 1 | 56 | 2 | 1 | .01 | .01 | 2 | 4 | .02 | 668 | .01 | 2 | .05 | .01 | .01 | 1 | 4 | 12000 |
| L615R | 22 | 11 | 7 | 5 | .4 | 9 | 4 | 46 | 3.17 | 10 | 5 | ND | 1 | 21 | 1 | 9 | 2 | 6 | .06 | .03 | 2 | 8 | .03 | 78 | .01 | 2 | .33 | .02 | .10 | 1 | 1 | 2000 |
| L617R | 8 | 59 | 6 | 104 | .1 | 105 | 18 | 887 | 3.87 | 35 | 5 | ND | 2 | 66 | 1 | 2 | 2 | 25 | 2.23 | .09 | 9 | 36 | .81 | 368 | .01 | 16 | .38 | .01 | .10 | 1 | 2 | 130 |
| L618R | 11 | 65 | 12 | 102 | .1 | 90 | 15 | 639 | 3.26 | 36 | 5 | ND | 2 | 50 | 1 | 4 | 2 | 16 | 1.33 | .09 | 4 | 19 | 1.55 | 60 | .01 | 19 | .32 | .01 | .11 | 1 | 1 | 540 |
| L619R | 2 | 41 | 42 | 146 | .8 | 24 | 11 | 1258 | 4.44 | 423 | 5 | ND | 1 | 26 | 1 | 3 | 2 | 19 | 1.42 | .15 | 4 | 14 | .82 | 35 | .01 | 37 | .81 | .03 | .19 | 1 | 190 | 60 |
| L620R | 1 | 51 | 1242 | 1254 | 3.5 | 22 | 10 | 1519 | 2.77 | 8135 | 5 | ND | 1 | 38 | 6 | 10 | 2 | 6 | 2.55 | .04 | 3 | 8 | .60 | 60 | .01 | 17 | .45 | .01 | .10 | 1 | 1530 | 90 |
| L622R | 1 | 35 | 22 | 115 | .1 | 32 | 12 | 756 | 3.73 | 522 | 5 | ND | 1 | 17 | 1 | 4 | 2 | 35 | .78 | .20 | 8 | 18 | .43 | 79 | .01 | 12 | 1.08 | .02 | .19 | 1 | 15 | 5000 |
| L623R | 1 | 40 | 10 | 101 | .1 | 25 | 11 | 485 | 4.33 | 22 | 5 | ND | 1 | 40 | 1 | 2 | 2 | 67 | .35 | .11 | 3 | 34 | 1.30 | 220 | .17 | 3 | 2.68 | .05 | .67 | 1 | 2 | 130 |
| L629R | 2 | 106 | 48 | 75 | 1.3 | 32 | 12 | 1487 | 3.57 | 192 | 5 | ND | 1 | 30 | 1 | 6 | 2 | 13 | 1.77 | .09 | 4 | 11 | .80 | 60 | .01 | 33 | .57 | .02 | .20 | 1 | 105 | 60 |
| ~~L631R~~ L621R | 1 | 25 | 6 | 85 | .1 | 21 | 11 | 561 | 3.52 | 5 | 5 | ND | 1 | 34 | 1 | 2 | 2 | 58 | .35 | .08 | 2 | 27 | 1.25 | 234 | .18 | 2 | 2.16 | .06 | .70 | 1 | 1 | 10 |
| L650R | 2 | 8 | 2 | 13 | .1 | 1008 | 51 | 1345 | 4.38 | 57 | 5 | ND | 1 | 19 | 1 | 2 | 2 | 4 | .33 | .01 | 2 | 196 | 6.00 | 47 | .01 | 8 | .11 | .01 | .01 | 1 | 55 | 5 |
| L651R | 4 | 65 | 3 | 21 | .1 | 1179 | 85 | 783 | 7.09 | 11 | 5 | ND | 1 | 1 | 1 | 2 | 2 | 24 | .20 | .01 | 2 | 523 | 10.76 | 5 | .01 | 57 | .36 | .01 | .01 | 1 | 3 | 30 |
| L652R | 3 | 33 | 4 | 15 | .1 | 699 | 43 | 1099 | 4.64 | 24 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 32 | 2.11 | .01 | 2 | 714 | 8.02 | 4 | .01 | 2 | 1.04 | .01 | .01 | 1 | 1 | 50 |
| L653R | 1 | 55 | 3 | 24 | .1 | 126 | 22 | 521 | 2.54 | 4 | 5 | ND | 1 | 31 | 1 | 2 | 2 | 40 | 1.03 | .01 | 2 | 234 | 3.06 | 8 | .07 | 3 | 2.86 | .10 | .01 | 1 | 1 | 20 |
| L654R | 2 | 1118 | 9 | 52 | 1.5 | 192 | 40 | 736 | 6.43 | 20 | 5 | ND | 1 | 6 | 1 | 2 | 2 | 173 | .17 | .02 | 2 | 245 | 4.35 | 4 | .10 | 3 | 3.47 | .02 | .01 | 1 | 60 | 5 |
| L655R | 2 | 201 | 2 | 24 | .1 | 47 | 16 | 279 | 1.19 | 8 | 5 | ND | 1 | 16 | 1 | 2 | 4 | 15 | 2.51 | .01 | 2 | 100 | 1.12 | 4 | .02 | 3 | .83 | .01 | .01 | 289 | 1 | 5 |
| L656R | 3 | 39 | 9 | 25 | .1 | 749 | 46 | 504 | 4.02 | 3 | 5 | ND | 1 | 23 | 1 | 2 | 2 | 35 | .19 | .01 | 2 | 497 | 8.83 | 4 | .02 | 22 | 1.92 | .01 | .01 | 1 | 1 | 5 |
| L657R | 3 | 34 | 9 | 23 | .1 | 1125 | 61 | 765 | 5.94 | 6 | 5 | ND | 1 | 3 | 1 | 2 | 2 | 37 | .18 | .01 | 2 | 435 | 10.11 | 7 | .01 | 23 | 1.13 | .01 | .01 | 1 | 1 | 5 |
| L658R | 2 | 15 | 2 | 16 | .1 | 87 | 9 | 259 | 1.11 | 8 | 5 | ND | 1 | 3 | 1 | 2 | 2 | 18 | .28 | .01 | 2 | 113 | 1.18 | 1 | .01 | 2 | .68 | .01 | .01 | 1 | 1 | 5 |
| L682R | 4 | 6 | 2 | 16 | .1 | 716 | 37 | 767 | 3.35 | 6 | 5 | ND | 1 | 7 | 1 | 2 | 2 | 19 | .09 | .01 | 2 | 756 | 11.64 | 4 | .01 | 19 | .36 | .01 | .01 | 1 | 31 | 5 |
| L687R | 1 | 35 | 10 | 99 | .1 | 46 | 10 | 692 | 4.73 | 10 | 5 | ND | 1 | 25 | 1 | 2 | 2 | 37 | .42 | .13 | 4 | 49 | 1.84 | 40 | .16 | 3 | 2.48 | .03 | .07 | 1 | 1 | 10 |
| L689R | 1 | 59 | 14 | 96 | .1 | 43 | 13 | 661 | 4.16 | 6 | 5 | ND | 2 | 29 | 1 | 2 | 2 | 32 | 1.30 | .13 | 8 | 34 | 1.38 | 36 | .01 | 2 | 2.00 | .02 | .07 | 1 | 1 | 170 |
| L691R | 5 | 71 | 8 | 78 | .1 | 35 | 13 | 664 | 3.09 | 2 | 5 | ND | 3 | 13 | 1 | 2 | 6 | 32 | .22 | .08 | 7 | 33 | 1.00 | 43 | .15 | 5 | 1.29 | .01 | .11 | 1 | 2 | 20 |
| L692R | 3 | 50 | 11 | 92 | .1 | 47 | 13 | 823 | 3.66 | 10 | 5 | ND | 2 | 8 | 1 | 2 | 2 | 46 | .36 | .07 | 8 | 70 | 1.44 | 54 | .26 | 4 | 1.75 | .01 | .12 | 1 | 4 | 50 |
| L693R | 4 | 42 | 9 | 69 | .1 | 27 | 8 | 584 | 2.28 | 2 | 5 | ND | 3 | 7 | 1 | 2 | 2 | 19 | .33 | .05 | 9 | 18 | .68 | 65 | .18 | 4 | 1.00 | .01 | .12 | 1 | 2 | 10 |
| L694R | 3 | 31 | 7 | 45 | .1 | 21 | 5 | 376 | 1.54 | 2 | 5 | ND | 2 | 4 | 1 | 2 | 2 | 8 | .04 | .02 | 5 | 19 | .51 | 113 | .03 | 4 | .72 | .01 | .10 | 1 | 2 | 5 |
| L695R | 1 | 70 | 7 | 111 | .1 | 58 | 31 | 1241 | 6.81 | 206 | 5 | ND | 3 | 70 | 1 | 45 | 2 | 55 | 5.58 | .17 | 14 | 21 | .46 | 64 | .01 | 41 | .96 | .01 | .23 | 1 | 175 | 1300 |
| STD C/FA-AU | 21 | 59 | 41 | 132 | 7.0 | 66 | 29 | 1143 | 3.93 | 38 | 19 | 8 | 36 | 51 | 16 | 15 | 22 | 57 | .48 | .15 | 36 | 59 | .88 | 172 | .07 | 38 | 1.72 | .06 | .10 | 11 | 48 | 1300 |

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| SAMPLE | Au**<br>ppb |
|---|---|
| A118D | 105 |
| A119D | 1 |
| A182D | 1 |
| A183D | 1 |
| A184D | 1 |
| A185D | 26 |
| A186D | 1 |
| A187D | 1 |
| A188D | 1 |
| A190D | 2 |
| A189D<br>~~A190D-A~~ | 3 |
| A191D | 1 |
| A192D | 1 |
| A193D | 1 |
| A194D | 2 |
| A199D | 19 |
| A200D | 8 |
| A201D | 15 |
| A202D | 270 |
| A203D | 9 |
| A204D | 25 |
| A205D | 60 |
| A206D | 21 |
| A207D | 65 |
| A208D | 20 |
| A209D<br>~~A208D-A~~ | 3 |
| A210D | 10 |
| A211D | 1 |
| A212D | 1 |
| A213D | 1 |
| A214D | 23 |
| A215D | 1 |
| A216D | 7 |
| A217D | 2 |
| A218D | 1 |
| A219D | 20 |

BUTTE-X-CAL

| SAMPLE | Au**<br>ppb |
|---|---|
| A220D | 8 |
| A221D | 1 |
| A222D | 5 |
| A223D | 4 |
| A224D | 5 |
| A225D | 6 |
| A226D | 7 |
| A227D | 4 |
| A228D | 7 |
| A229D | 5 |
| A230D | 4 |
| A231D | 3 |
| A232D | 1 |
| A233D | 1 |
| A235D | 5 |
| A236D | 2 |
| A237D | 2 |
| A238D | 2 |
| A239D | 1 |
| A241D | 185 |
| A242D | 1 |
| A243D | 1 |
| A244D | 1 |
| A245D | 1 |
| A246D | 2 |
| A247D | 3 |
| A248D | 29 |
| A249D | 6 |
| A250D | 2 |
| A251D | 1 |
| A252D | 1 |
| A253D | 1 |
| A254D | 5 |
| A255D | 9 |
| A256D | 4 |
| A257D | 10 |

BUTTE-X-CAL

| SAMPLE | Au** ppb |
|---|---|
| A258D | 1 |
| A259D | 11 |
| A260D | 2 |
| A261D | 1 |
| A262D | 3 |
| A263D | 2 |
| A264D | 17 |
| A265D | 2 |
| A266D | 5 |
| A267D | 4 |
| A268D | 1 |
| A269D | 39 |
| A270D | 3 |
| A271D | 11 |
| A272D | 23 |
| A275D | 4 |
| A276D | 20 |
| A277D | 3 |
| A278D | 1 |
| A280D | 7 |
| A281D | 41 |
| A282D | 14 |
| A283D | 16 |
| A284D | 2 |
| A285D | 24 |
| A286D | 36 |
| A287D | 2 |
| A288D | 16 |
| A289D | 53 |
| A290D | 2 |
| A291D | 36 |
| A292D | 14 |
| A293D | 3 |
| A294D | 5 |
| A295D | 9 |
| A296D | 24 |

BUTTE-X-CAL

Butte

| SAMPLE | Au** ppb |
|---|---|
| A297D | 55 |
| A298D | 65 |
| A299D | 2 |
| A300D | 5 |
| A301D | 2 |
| A302D | 4 |
| A303D | 1 |
| A304D | 12 |
| A305D | 8 |
| A306D | 1 |
| A307D | 12 |
| A308D | 3 |
| A309D | 2 |
| A310D | 5 |
| A311D | 5 |
| A312D | 2 |
| A313D | 1 |
| A314D | 3 |
| A315D | 2 |
| A316D | 1 |
| A317D | 1 |
| A318D | 2 |
| A319D | 10 |
| A320D | 1 |
| A321D | 2 |
| A322D | 4 |
| A323D | 2 |
| A324D | 5 |
| A325D | 23 |
| A326D | 75 |
| A327D | 40 |
| A328D | 41 |
| A329D | 18 |
| A330D | 180 |
| A331D | 205 |
| A332D | 37 |

| SAMPLE | Au**<br>ppb |
|---|---|
| A333D | 5 |
| A334D | 90 |
| A335D | 120 |
| A336D | 52 |
| A337D | 135 |
| ~~A338D~~ A372D | 3 |
| A338D-A | 270 |
| A339D | 2 |
| A340D | 1 |
| A341D | 1 |
| A343D | 1 |
| A346D | 2 |
| A347D | 92 |
| A348D | 52 |
| A349D | 1 |
| A350D | 28 |
| A351D | 13 |
| A352D | 8 |
| A353D | 2 |
| A354D | 42 |
| A355D | 12 |
| A356D | 32 |
| A357D | 2 |
| A358D | 1 |
| A359D | 2 |
| A360D | 1 |
| A361D | 1 |
| L624D | 2 |
| L625D | 1 |
| L626D | 2 |
| L627D | 2 |
| L628D | 1 |
| L629D | 5 |
| L630D | 2 |
| L632D | 1 |
| L633D | 3 |

BUTTE

| | SAMPLE | Au** ppb |
|---|---|---|
| BUTTE-X-CAL | L634D | 1 |
| | L635D | 6 |
| | L636D | 4 |
| | L637D | 6 |
| | L638D | 1 |
| | L639D | 6 |
| | L640D | 9 |
| | L641D | 3 |
| | L642D | 4 |
| | L643D | 3 |
| | L644D | 5 |
| | L645D | 11 |
| | L646D | 3 |
| | L647D | 350 |
| | L648D | 4 |
| | L649D | 2 |
| BUTTE-X-CAL | L659D | 4 |
| | L660D | 5 |
| | L661D | 13 |
| | L662D | 16 |
| | L663D | 14 |
| | L664D | 20 |
| | L665D | 1 |
| | L666D | 8 |
| | L667D | 8 |
| | L668D | 9 |
| | L669D | 65 |
| | L670D | 5 |
| | L671D | 2 |
| | L672D | 4 |
| | L673D | 1 |
| | L674D | 1 |
| | L675D | 2 |
| | L676D | 5 |
| | L677D | 3 |
| | L678D | 1 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | Sr PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au** PPB | Hg PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A168S | 1 | 43 | 9 | 79 | .6 | 15 | 7 | 901 | 1.54 | 35 | 6 | ND | 1 | 179 | 1 | 3 | 2 | 38 | 2.54 | .12 | 6 | 46 | .42 | 234 | .03 | 11 | 1.00 | .02 | .05 | 1 | 6 | 70 |
| A169S | 1 | 38 | 13 | 101 | .4 | 12 | 7 | 562 | 1.92 | 17 | 5 | ND | 1 | 103 | 1 | 2 | 2 | 42 | 1.11 | .09 | 6 | 19 | .46 | 167 | .02 | 7 | 1.09 | .03 | .07 | 1 | 1 | 20 |
| A170S | 1 | 24 | 9 | 93 | .4 | 16 | 6 | 294 | 1.93 | 22 | 5 | ND | 1 | 149 | 1 | 2 | 2 | 54 | 1.51 | .07 | 3 | 33 | .41 | 143 | .08 | 9 | .66 | .03 | .03 | 1 | 1 | 50 |
| A172S | 1 | 60 | 5 | 77 | .1 | 32 | 19 | 950 | 4.63 | 18 | 5 | ND | 2 | 41 | 1 | 2 | 2 | 58 | .50 | .12 | 5 | 21 | .51 | 196 | .01 | 5 | 1.28 | .01 | .06 | 1 | 1 | 360 |
| [illegible] A279S | 1 | 17 | 8 | 106 | .1 | 27 | 7 | 522 | 2.51 | 55 | 5 | ND | 1 | 56 | 1 | 2 | 2 | 44 | 1.67 | .15 | 2 | 53 | .99 | 43 | .04 | 6 | 1.48 | .01 | .15 | 1 | 1 | 20 |
| ~~A3[illegible]7S~~ A371S | 2 | 66 | 4 | 94 | .1 | 186 | 23 | 825 | 4.02 | 26 | 5 | ND | 1 | 21 | 1 | 2 | 3 | 73 | .62 | .08 | 4 | 194 | 2.08 | 126 | .18 | 14 | 1.92 | .01 | .26 | 1 | 2 | 10 |
| L605S | 2 | 86 | 8 | 110 | .2 | 38 | 24 | 1153 | 4.81 | 19 | 5 | ND | 1 | 37 | 1 | 2 | 2 | 56 | .45 | .12 | 5 | 25 | .64 | 164 | .01 | 6 | 1.43 | .02 | .06 | 1 | 16 | 110 |
| L612S | 1 | 31 | 6 | 97 | .2 | 32 | 18 | 864 | 4.48 | 14 | 5 | ND | 1 | 72 | 1 | 2 | 2 | 88 | .58 | .08 | 2 | 57 | 1.11 | 172 | .03 | 8 | 1.74 | .02 | .04 | 1 | 1 | 20 |
| L616S | 1 | 55 | 7 | 95 | .1 | 32 | 19 | 998 | 5.05 | 19 | 5 | ND | 1 | 58 | 1 | 2 | 3 | 75 | .66 | .13 | 7 | 29 | .81 | 194 | .02 | 5 | 1.59 | .02 | .08 | 1 | 1 | 570 |
| STD C/FA-AU | 19 | 59 | 41 | 133 | 7.1 | 68 | 29 | 1197 | 3.94 | 39 | 16 | 7 | 37 | 52 | 16 | 15 | 22 | 58 | .48 | .15 | 37 | 56 | .88 | 174 | .07 | 39 | 1.72 | .06 | .11 | 12 | 50 | 1300 |

# APPENDIX B

## ROCK TYPE SORT WITH Pb, Ag, As, Sb, Bi, Ba, Au, Hg, VALUES

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Fergusson, seds

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 2R | F | 6 | .2 | 4 | 3 | 3 | 42 | 1 | 5 |
| 2 | A | 3R | F | 9 | .1 | 32 | 2 | 2 | 8 | 1 | 5 |
| 3 | A | 6R | F | 2 | .3 | 2 | 2 | 4 | 39 | 3 | 5 |
| 4 | A | 7R | F | 5 | .4 | 70 | 2 | 4 | 78 | 9 | 5 |
| 5 | A | 10R | F | 4 | .1 | 2 | 2 | 2 | 31 | 1 | 20 |
| 6 | A | 11R | F | 2 | .2 | 2 | 2 | 2 | 80 | 1 | 5 |
| 7 | A | 12R | F | 21 | .1 | 2 | 2 | 2 | 84 | 1 | 5 |
| 8 | A | 64R | F | 2 | .1 | 40 | 2 | 2 | 11 | 1 | 10 |
| 9 | A | 66R | F | 5 | .2 | 8 | 2 | 2 | 97 | 1 | 40 |
| 10 | A | 344R | F | 7 | .1 | 3 | 2 | 2 | 277 | 1 | 10 |
| 11 | A | 345R | F | 4 | .1 | 2 | 2 | 2 | 394 | 2 | 5 |
| 12 | A | 362R | F | 4 | .1 | 2 | 2 | 2 | 34 | 2 | 20 |
| 13 | A | 363R | F | 5 | .1 | 4 | 2 | 2 | 93 | 1 | 30 |
| 14 | A | 364R | F | 8 | .1 | 7 | 2 | 2 | 88 | 1 | 20 |
| 15 | A | 365R | F | 14 | .1 | 11 | 2 | 2 | 34 | 2 | 20 |
| 16 | A | 366R | F | 5 | .1 | 5 | 2 | 2 | 49 | 7 | 30 |
| 17 | A | 369R | F | 8 | .1 | 3 | 2 | 2 | 94 | 3 | 30 |
| 18 | B | 109R | F | 2 | .1 | 6 | 2 | 2 | 26 | 1 | 10 |
| 19 | B | 110R | F | 17 | .1 | 4 | 2 | 2 | 109 | 2 | 30 |
| 20 | B | 111R | F | 12 | .1 | 14 | 2 | 2 | 59 | 4 | 20 |
| 21 | B | 116R | F | 2 | .1 | 2 | 2 | 14 | 47 | 2 | 30 |
| 22 | B | 117R | F | 3 | .1 | 2 | 2 | 6 | 38 | 1 | 20 |
| 23 | J | 22R | F | 3 | .1 | 6 | 2 | 2 | 43 | 1 | 40 |
| 24 | J | 25R | F | 5 | .1 | 3 | 2 | 2 | 31 | 1 | 30 |
| 25 | J | 31R | F | 9 | .2 | 4 | 2 | 2 | 82 | 4 | 10 |
| 26 | J | 38R | F | 2 | .1 | 14 | 2 | 2 | 84 | 2 | 5 |
| 27 | J | 39R | F | 7 | .2 | 8 | 3 | 2 | 391 | 2 | 5 |
| 28 | J | 45R | F | 8 | .5 | 11 | 2 | 2 | 52 | 1 | 5 |
| 29 | J | 47R | F | 3 | .3 | 2 | 2 | 2 | 158 | 1 | 10 |
| 30 | J | 48R | F | 8 | .1 | 5 | 2 | 2 | 45 | 2 | 5 |
| 31 | J | 518R | F | 4 | .1 | 51 | 2 | 2 | 63 | 1 | 20 |
| 32 | J | 519R | F | 10 | .1 | 2 | 2 | 2 | 198 | 1 | 10 |
| 33 | J | 545R | F | 6 | .1 | 4 | 2 | 2 | 276 | 1 | 5 |
| 34 | J | 548R | F | 2 | .2 | 4 | 2 | 7 | 106 | 6 | 10 |
| 35 | J | 573R | F | 7 | .3 | 2 | 2 | 2 | 380 | 1 | 5 |
| 36 | J | 581R | F | 3 | .3 | 2 | 2 | 2 | 161 | 1 | 20 |
| 37 | L | 13R | F | 7 | .1 | 9 | 3 | 2 | 28 | 1 | 10 |
| 38 | L | 16R | F | 4 | .1 | 9 | 2 | 2 | 84 | 4 | 20 |
| 39 | L | 17R | F | 24 | .3 | 9 | 7 | 2 | 78 | 4 | 40 |
| 40 | L | 21R | F | 28 | .2 | 29 | 2 | 4 | 10 | 3 | 10 |
| 41 | L | 22R | F | 2 | .1 | 45 | 2 | 2 | 40 | 2 | 10 |
| 42 | L | 24R | F | 10 | .3 | 11 | 2 | 2 | 33 | 1 | 5 |
| 43 | L | 25R | F | 12 | .1 | 23 | 2 | 2 | 98 | 1 | 5 |
| 44 | L | 33R | F | 4 | .2 | 2 | 3 | 3 | 56 | 1 | 5 |
| 45 | L | 40R | F | 15 | .5 | 3 | 2 | 2 | 337 | 1 | 10 |
| 46 | L | 48R | F | 7 | .3 | 96 | 2 | 2 | 53 | 85 | 160 |
| 47 | L | 49R | F | 3 | .1 | 17 | 2 | 2 | 23 | 1 | 5 |
| 48 | L | 65R | F | 10 | .3 | 6 | 2 | 2 | 30 | 1 | 5 |
| 49 | L | 72R | F | 6 | .3 | 4 | 2 | 2 | 37 | 4 | 30 |
| 50 | L | 79R | F | 7 | .1 | 2 | 2 | 2 | 92 | 12 | 5 |
| 51 | L | 87R | F | 5 | .5 | 4 | 2 | 6 | 144 | 1 | 10 |
| 52 | L | 88R | F | 9 | .4 | 2 | 2 | 2 | 195 | 4 | 5 |
| 53 | L | 89R | F | 3 | .2 | 2 | 2 | 4 | 75 | 1 | 20 |
| 54 | L | 97R | F | 3 | .1 | 2 | 2 | 4 | 35 | 2 | 5 |
| 55 | L | 100R | F | 11 | .4 | 14 | 2 | 2 | 82 | 6 | 30 |
| 56 | L | 103R | F | 2 | .2 | 2 | 2 | 2 | 250 | 4 | 30 |

|  |  | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|
| 57 | L 104R F | 5 | .2 | 2 | 2 | 2 | 95 | 5 | 40 |
| 58 | L 134R F | 5 | .1 | 2 | 2 | 2 | 34 | 1 | 5 |
| 59 | L 154R F | 12 | .1 | 2 | 2 | 2 | 119 | 42 | 10 |
| 60 | L 155R F | 6 | .1 | 11 | 2 | 2 | 207 | 6 | 5 |
| 61 | L 156R F | 7 | .1 | 3 | 2 | 2 | 78 | 1 | 5 |
| 62 | L 157R F | 11 | .1 | 11 | 2 | 2 | 44 | 1 | 5 |
| 63 | L 158R F | 12 | .1 | 2 | 2 | 2 | 100 | 24 | 5 |
| 64 | L 159R F | 9 | .1 | 17 | 23 | 2 | 46 | 8 | 5 |
| 65 | L 160R F | 11 | .2 | 79 | 2 | 2 | 61 | 19 | 50 |
| 66 | L 161R F | 10 | .1 | 49 | 2 | 2 | 69 | 15 | 30 |
| 67 | L 162R F | 11 | .1 | 32 | 2 | 2 | 58 | 22 | 10 |
| 68 | L 163R F | 10 | .1 | 28 | 2 | 2 | 78 | 29 | 60 |
| 69 | L 165R F | 19 | .2 | 15 | 2 | 2 | 203 | 2 | 60 |
| 70 | L 167R F | 7 | .1 | 10 | 2 | 2 | 99 | 80 | 80 |
| 71 | L 168R F | 9 | .1 | 8 | 2 | 2 | 31 | 9 | 10 |
| 72 | L 211R F | 2 | .3 | 8 | 2 | 2 | 273 | 1 | 20 |
| 73 | L 212R F | 6 | .1 | 94 | 2 | 2 | 18 | 8 | 10 |
| 74 | L 213R F | 2 | .1 | 7 | 2 | 5 | 99 | 1 | 5 |
| 75 | L 216R F | 2 | .1 | 10 | 2 | 3 | 325 | 1 | 5 |
| 76 | L 217R F | 2 | .3 | 7 | 2 | 3 | 184 | 1 | 20 |
| 77 | L 218R F | 5 | .1 | 6 | 2 | 2 | 48 | 1 | 5 |
| 78 | L 248R F | 7 | .3 | 6 | 4 | 2 | 304 | 1 | 10 |
| 79 | L 249R F | 2 | .1 | 3 | 2 | 2 | 138 | 2 | 20 |
| 80 | L 331R F | 6 | .1 | 8 | 2 | 7 | 13 | 1 | 60 |
| 81 | L 335R F | 8 | .1 | 5 | 2 | 2 | 120 | 3 | 20 |
| 82 | L 348R F | 3 | .1 | 2 | 2 | 9 | 55 | 4 | 10 |
| 83 | L 350R F | 2 | .1 | 2 | 2 | 5 | 83 | 1 | 20 |
| 84 | L 352R F | 9 | .1 | 2 | 2 | 5 | 34 | 2 | 10 |
| 85 | L 500R F | 6 | .5 | 28 | 2 | 2 | 153 | 1 | 10 |
| 86 | L 526R F | 6 | .2 | 2 | 2 | 2 | 38 | 1 | 20 |
| 87 | L 537R F | 11 | .3 | 2 | 2 | 2 | 258 | 1 | 10 |
| 88 | L 560R F | 8 | .2 | 8 | 2 | 2 | 101 | 1 | 20 |
| 89 | L 562R F | 7 | .1 | 4 | 2 | 2 | 63 | 1 | 30 |
| 90 | L 569R F | 4 | .2 | 3 | 2 | 2 | 258 | 1 | 5 |
| 91 | L 691R F | 8 | .1 | 2 | 2 | 6 | 43 | 2 | 20 |
| 92 | L 692R F | 11 | .1 | 10 | 2 | 2 | 54 | 4 | 50 |
| 93 | L 693R F | 9 | .1 | 2 | 2 | 2 | 65 | 2 | 10 |
| 94 | L 694R F | 7 | .1 | 2 | 2 | 2 | 113 | 2 | 5 |
| 95 | L 717R F | 13 | .1 | 44 | 2 | 2 | 65 | 75 | 80 |
| 96 | L 718R F | 9 | .1 | 30 | 2 | 2 | 42 | 60 | 40 |
| 97 | L 719R F | 4 | .1 | 2 | 2 | 2 | 67 | 2 | 5 |
| 98 | L 720R F | 14 | .1 | 4 | 2 | 2 | 58 | 3 | 5 |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Fergusson, volc

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 5R | J | 2 | .8 | 3 | 2 | 4 | 275 | 1 | 5 |
| 2 | A | 63R | J | 5 | .2 | 4 | 2 | 3 | 281 | 1 | 5 |
| 3 | A | 68R | J | 2 | .8 | 8 | 2 | 11 | 4 | 5 | 10 |
| 4 | A | 69R | J | 2 | .1 | 15 | 2 | 3 | 4 | 1 | 5 |
| 5 | A | 367R | J | 2 | .1 | 2 | 2 | 3 | 20 | 2 | 5 |
| 6 | A | 368R | J | 8 | .1 | 10 | 2 | 2 | 57 | 1 | 5 |
| 7 | B | 119R | J | 6 | .1 | 2 | 2 | 4 | 13 | 1 | 10 |
| 8 | J | 32R | J | 14 | .2 | 2 | 2 | 4 | 29 | 1 | 5 |
| 9 | J | 34R | J | 14 | .1 | 2 | 2 | 2 | 80 | 1 | 20 |
| 10 | J | 42R | J | 4 | .2 | 15 | 3 | 3 | 188 | 4 | 5 |
| 11 | J | 43R | J | 2 | .1 | 6 | 2 | 4 | 68 | 1 | 5 |
| 12 | J | 46R | J | 6 | .1 | 2 | 2 | 2 | 177 | 1 | 5 |
| 13 | J | 49R | J | 2 | .1 | 2 | 2 | 2 | 100 | 1 | 5 |
| 14 | J | 86R | J | 4 | .2 | 10 | 2 | 2 | 247 | 1 | 5 |
| 15 | J | 571R | J | 5 | .2 | 3 | 2 | 3 | 448 | 1 | 10 |
| 16 | J | 577R | J | 7 | .2 | 2 | 2 | 2 | 132 | 1 | 10 |
| 17 | L | 5R | J | 8 | .2 | 8 | 2 | 2 | 20 | 1 | 5 |
| 18 | L | 12R | J | 2 | .2 | 7 | 2 | 2 | 13 | 1 | 20 |
| 19 | L | 23R | J | 6 | .3 | 10 | 2 | 2 | 85 | 1 | 20 |
| 20 | L | 27R | J | 3 | .3 | 5 | 2 | 2 | 22 | 1 | 5 |
| 21 | L | 61R | J | 5 | .4 | 2 | 2 | 2 | 19 | 1 | 5 |
| 22 | L | 62R | J | 2 | .3 | 2 | 2 | 2 | 21 | 1 | 40 |
| 23 | L | 67R | J | 4 | .5 | 7 | 2 | 2 | 46 | 1 | 10 |
| 24 | L | 69R | J | 3 | .1 | 4 | 2 | 4 | 12 | 1 | 5 |
| 25 | L | 73R | J | 3 | .5 | 28 | 2 | 2 | 55 | 2 | 40 |
| 26 | L | 74R | J | 8 | 1 | 2 | 2 | 2 | 19 | 1 | 20 |
| 27 | L | 81R | J | 11 | 3 | 282 | 14 | 2 | 22 | 30 | 340 |
| 28 | L | 82R | J | 3 | .2 | 167 | 2 | 2 | 3 | 1 | 20 |
| 29 | L | 95R | J | 4 | .6 | 2 | 2 | 2 | 75 | 2 | 5 |
| 30 | L | 98R | J | 4 | .6 | 2 | 2 | 2 | 98 | 1 | 40 |
| 31 | L | 102R | J | 2 | .4 | 2 | 2 | 2 | 24 | 1 | 30 |
| 32 | L | 133R | J | 2 | .1 | 8 | 2 | 2 | 13 | 1 | 5 |
| 33 | L | 164R | J | 8 | .4 | 2 | 2 | 2 | 127 | 3 | 40 |
| 34 | L | 219R | J | 2 | .1 | 6 | 2 | 3 | 206 | 1 | 30 |
| 35 | L | 329R | J | 2 | .2 | 13 | 2 | 2 | 32 | 1 | 30 |
| 36 | L | 349R | J | 2 | .1 | 2 | 2 | 9 | 17 | 1 | 10 |
| 37 | L | 351R | J | 4 | .1 | 2 | 2 | 2 | 45 | 1 | 10 |
| 38 | L | 447R | J | 9 | .1 | 2 | 2 | 2 | 27 | 1 | |
| 39 | L | 448R | J | 6 | .3 | 2 | 2 | 2 | 21 | 1 | |
| 40 | L | 505R | J | 9 | .1 | 2 | 2 | 4 | 29 | 2 | 5 |
| 41 | L | 508R | J | 9 | .5 | 16 | 2 | 11 | 107 | 6 | 20 |
| 42 | L | 524R | J | 2 | .1 | 3 | 2 | 4 | 40 | 1 | 5 |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Chert

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 62R | C | 5 | .2 | 2 | 2 | 2 | 323 | 1 | 5 |
| 2 | J | 413R | C | 3 | .1 | 2 | 2 | 2 | 53 | 4 | |
| 3 | J | 414R | C | 2 | .1 | 2 | 2 | 2 | 34 | 1 | |
| 4 | J | 424R | C | 3 | .1 | 2 | 3 | 2 | 14 | 1 | |
| 5 | J | 425R | C | 3 | .1 | 2 | 2 | 2 | 41 | 1 | |
| 6 | J | 426R | C | 9 | .1 | 2 | 2 | 4 | 55 | 1 | |
| 7 | J | 427R | C | 4 | .1 | 2 | 2 | 2 | 26 | 1 | |
| 8 | J | 428R | C | 2 | .1 | 2 | 2 | 2 | 19 | 1 | |
| 9 | J | 429R | C | 5 | .1 | 2 | 2 | 2 | 37 | 1 | |
| 10 | J | 572R | C | 2 | .1 | 2 | 2 | 2 | 293 | 1 | 5 |
| 11 | J | 574R | C | 8 | .2 | 5 | 2 | 2 | 144 | 2 | 5 |
| 12 | J | 575R | C | 5 | .1 | 2 | 2 | 2 | 224 | 1 | 20 |
| 13 | J | 578R | C | 2 | .1 | 2 | 2 | 2 | 322 | 1 | 20 |
| 14 | J | 583R | C | 7 | .2 | 3 | 2 | 2 | 180 | 1 | 10 |
| 15 | L | 64R | C | 7 | .2 | 4 | 2 | 2 | 62 | 5 | 5 |
| 16 | L | 84R | C | 117 | .8 | 28 | 2 | 2 | 115 | 25 | 850 |
| 17 | L | 85R | C | 116 | 1 | 17 | 2 | 2 | 62 | 4 | 600 |
| 18 | L | 169R | C | 4 | .3 | 8 | 2 | 2 | 1 | 1 | 10 |
| 19 | L | 446R | C | 2 | .1 | 2 | 2 | 2 | 63 | 1 | |
| 20 | L | 518R | C | 2 | .1 | 3 | 2 | 2 | 35 | 3 | 5 |
| 21 | L | 521R | C | 10 | .2 | 50 | 2 | 2 | 48 | 1 | 5 |
| 22 | L | 522R | C | 2 | .1 | 81 | 2 | 2 | 48 | 1 | 5 |
| 23 | L | 523R | C | 6 | .1 | 2 | 2 | 2 | 24 | 1 | 10 |
| 24 | L | 525R | C | 2 | .1 | 6 | 2 | 2 | 24 | 1 | 10 |
| 25 | L | 527R | C | 2 | .1 | 4 | 2 | 2 | 96 | 1 | 5 |
| 26 | L | 528R | C | 14 | .2 | 3 | 2 | 2 | 147 | 1 | 10 |
| 27 | L | 533R | C | 12 | .1 | 10 | 2 | 2 | 79 | 3 | 20 |
| 28 | L | 534R | C | 8 | .1 | 18 | 2 | 2 | 33 | 1 | 20 |
| 29 | L | 535R | C | 4 | .1 | 4 | 2 | 2 | 34 | 1 | 5 |
| 30 | L | 536R | C | 9 | .1 | 5 | 2 | 2 | 25 | 1 | 5 |
| 31 | L | 538R | C | 4 | .1 | 3 | 2 | 2 | 72 | 1 | 20 |
| 32 | L | 544R | C | 7 | .1 | 7 | 2 | 2 | 72 | 1 | 130 |
| 33 | L | 550R | C | 10 | .1 | 7 | 2 | 2 | 118 | 3 | 70 |
| 34 | L | 551R | C | 2 | .1 | 4 | 2 | 2 | 774 | 1 | 30 |
| 35 | L | 552R | C | 7 | .1 | 2 | 2 | 2 | 251 | 2 | 20 |
| 36 | L | 557R | C | 5 | .1 | 2 | 2 | 2 | 245 | 1 | 10 |
| 37 | L | 558R | C | 7 | .1 | 3 | 2 | 2 | 35 | 1 | 5 |
| 38 | L | 559R | C | 10 | .2 | 5 | 2 | 2 | 284 | 1 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples President, serpentine

| | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|
| 1 | A 195R S | 2 | .1 | 15 | 2 | 2 | 3 | 19 | 10 |
| 2 | A 196R S | 5 | .1 | 29 | 2 | 2 | 9 | 12 | 20 |
| 3 | A 197R S | 2 | .1 | 6 | 2 | 2 | 7 | 3 | 10 |
| 4 | A 198R S | 4 | 1.1 | 8 | 2 | 2 | 7 | 2 | 5 |
| 5 | A 273R S | 2 | .1 | 57 | 2 | 2 | 22 | 2 | 5 |
| 6 | B 106R S | 10 | .1 | 33 | 2 | 2 | 2 | 1 | 20 |
| 7 | J 121R S | 6 | .1 | 13 | 2 | 2 | 13 | 1 | 5 |
| 8 | J 122R S | 7 | .1 | 36 | 2 | 2 | 87 | 6 | 5 |
| 9 | J 202R S | 7 | .1 | 50 | 2 | 2 | 2 | 68 | 20 |
| 10 | J 204R S | 3 | .1 | 58 | 2 | 2 | 4 | 2 | 10 |
| 11 | K 297R S | 7 | .1 | 34 | 2 | 2 | 4 | 1 | 30 |
| 12 | K 351R S | 3 | .1 | 29 | 2 | 2 | 7 | 1 | 15 |
| 13 | K 373R S | 2 | .1 | 30 | 3 | 2 | 15 | 1 | 10 |
| 14 | K 380R S | 7 | .1 | 36 | 2 | 2 | 7 | 2 | 10 |
| 15 | K 381R S | 2 | .2 | 38 | 3 | 2 | 10 | 4 | 10 |
| 16 | L 1R S | 2 | .1 | 35 | 2 | 2 | 4 | 1 | 5 |
| 17 | L 2R S | 2 | .1 | 16 | 2 | 2 | 9 | 1 | 5 |
| 18 | L 59R S | 2 | .1 | 2 | 2 | 2 | 9 | 2 | 40 |
| 19 | L 60R S | 2 | .2 | 2 | 2 | 2 | 15 | 1 | 30 |
| 20 | L 80R S | 7 | .1 | 427 | 2 | 2 | 3 | 14 | 5 |
| 21 | L 112R S | 2 | .1 | 50 | 2 | 2 | 4 | 36 | 10 |
| 22 | L 137R S | 2 | .1 | 16 | 2 | 2 | 21 | 9 | 40 |
| 23 | L 177R S | 7 | .1 | 21 | 2 | 2 | 8 | 2 | 5 |
| 24 | L 188R S | 4 | .1 | 21 | 2 | 2 | 3 | 1 | 10 |
| 25 | L 250R S | 8 | .6 | 42 | 2 | 2 | 11 | 1 | 10 |
| 26 | L 253R S | 2 | .3 | 42 | 2 | 2 | 1 | 1 | 5 |
| 27 | L 284R S | 7 | .2 | 48 | 2 | 2 | 7 | 2 | 5 |
| 28 | L 323R S | 10 | .1 | 36 | 2 | 2 | 1 | 5 | 30 |
| 29 | L 328R S | 7 | .1 | 38 | 2 | 2 | 1 | 1 | 10 |
| 30 | L 651R S | 3 | .1 | 11 | 2 | 2 | 5 | 3 | 30 |
| 31 | L 652R S | 4 | .1 | 24 | 2 | 2 | 4 | 1 | 50 |
| 32 | L 656R S | 9 | .1 | 3 | 2 | 2 | 4 | 1 | 5 |
| 33 | L 657R S | 9 | .1 | 6 | 2 | 2 | 7 | 1 | 5 |
| 34 | L 682R S | 2 | .1 | 6 | 2 | 2 | 4 | 31 | 5 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples President, Qtz/Talc/Carb

| | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A 13R | T | 3 | .1 | 2 | 2 | 2 | 9 | 1 | 30 |
| 2 | A 14R | T | 3 | .1 | 2 | 2 | 2 | 2 | 1 | 5 |
| 3 | A 16R | T | 2 | .1 | 4 | 2 | 3 | 15 | 1 | 5 |
| 4 | A 18R | T | 8 | .1 | 2 | 2 | 2 | 4 | 1 | 630 |
| 5 | A 19R | T | 3 | .1 | 2 | 2 | 2 | 60 | 1 | 60 |
| 6 | A 67R | T | 2 | .2 | 2 | 2 | 4 | 9 | 1 | 10 |
| 7 | B 4R | T | 2 | .3 | 49 | 2 | 2 | 7 | 4 | 10 |
| 8 | B 7R | T | 5 | 1.6 | 78 | 2 | 2 | 7 | 20 | 60 |
| 9 | B 13R | T | 2 | .1 | 30 | 2 | 2 | 2 | 3 | 10 |
| 10 | B 105R | T | 2 | .1 | 25 | 2 | 2 | 3 | 1 | 10 |
| 11 | J 57R | T | 2 | .1 | 2 | 2 | 2 | 7 | 1 | 5 |
| 12 | J 70R | T | 2 | .1 | 7 | 2 | 2 | 2 | 1 | 5 |
| 13 | J 200R | T | 9 | .1 | 65 | 2 | 3 | 4 | 1 | 5 |
| 14 | J 203R | T | 8 | .1 | 24 | 2 | 2 | 10 | 3 | 10 |
| ~~15~~ | ~~J 205R~~ | ~~T~~ | ~~2~~ | ~~.2~~ | ~~12~~ | ~~2~~ | ~~2~~ | ~~17~~ | ~~95~~ | ~~5~~ |
| 16 | J 417R | T | 4 | .2 | 2 | 2 | 2 | 27 | 1 | |
| 17 | L 3R | T | 2 | .1 | 3 | 2 | 4 | 18 | 7 | 10 |
| 18 | L 132R | T | 2 | .1 | 6 | 2 | 2 | 9 | 1 | 60 |
| 19 | L 240R | T | 4 | .3 | 158 | 2 | 5 | 6 | 1 | 30 |
| 20 | L 281R | T | 2 | .2 | 91 | 2 | 2 | 22 | 3 | 5 |
| 21 | L 287R | T | 6 | .1 | 539 | 2 | 2 | 14 | 2 | 4000 |
| 22 | L 288R | T | 2 | .1 | 128 | 2 | 2 | 7 | 4 | 20 |
| 23 | L 289R | T | 3 | 1.2 | 87 | 2 | 2 | 4 | 8 | 30 |
| 24 | L 290R | T | 3 | 1.9 | 80 | 2 | 2 | 7 | 28 | 80 |
| 25 | L 295R | T | 3 | .1 | 87 | 2 | 2 | 4 | 3 | 20 |
| 26 | L 545R | T | 6 | .1 | 328 | 2 | 2 | 15 | 1 | 6400 |
| 27 | L 546R | T | 9 | .1 | 99 | 2 | 2 | 73 | 1 | 3500 |
| 28 | L 547R | T | 2 | .1 | 124 | 2 | 2 | 10 | 1 | 1800 |
| 29 | L 548R | T | 2 | .1 | 29 | 2 | 2 | 6 | 2 | 6800 |
| 30 | L 549R | T | 8 | .1 | 12 | 2 | 2 | 23 | 1 | 310 |
| 31 | L 553R | T | 6 | .1 | 408 | 2 | 2 | 9 | 1 | 160 |
| 32 | L 554R | T | 9 | .1 | 383 | 2 | 2 | 8 | 1 | 80 |
| 33 | L 555R | T | 14 | .1 | 12 | 2 | 2 | 48 | 1 | 20 |
| 34 | L 650R | T | 2 | .1 | 57 | 2 | 2 | 47 | 55 | 5 |
| 35 | L 725R | T | 9 | .1 | 204 | 2 | 2 | 2 | 1 | 20 |
| 36 | P1467R | T | 4 | .1 | 27 | 2 | 2 | 5 | 4 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Noel

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 240R | N | 4 | .1 | 13 | 2 | 2 | 323 | 4 | 10 |
| 2 | B | 1R | N | 8 | .5 | 7 | 3 | 2 | 147 | 2 | 40 |
| 3 | B | 2R | N | 7 | .4 | 8 | 4 | 3 | 210 | 2 | 20 |
| 4 | B | 3R | N | 7 | .3 | 24 | 3 | 6 | 158 | 8 | 20 |
| 5 | B | 5R | N | 8 | .4 | 8 | 2 | 4 | 84 | 5 | 70 |
| 6 | B | 8R | N | 2 | .6 | 2 | 4 | 4 | 288 | 6 | 20 |
| 7 | B | 19R | N | 4 | .4 | 9 | 4 | 2 | 437 | 3 | 5 |
| 8 | B | 100R | N | 12 | .1 | 13 | 2 | 2 | 35 | 1 | 30 |
| 9 | B | 102R | N | 2 | .2 | 7 | 2 | 2 | 40 | 1 | 5 |
| 10 | B | 107R | N | 7 | .1 | 9 | 2 | 2 | 32 | 4 | 10 |
| 11 | L | 283R | N | 3 | .3 | 10 | 4 | 4 | 209 | 2 | 10 |
| 12 | L | 285R | N | 2 | .3 | 10 | 5 | 3 | 79 | 3 | 5 |
| 13 | L | 286R | N | 10 | .1 | 115 | 2 | 2 | 53 | 2 | 660 |
| 14 | L | 291R | N | 6 | .2 | 4 | 2 | 6 | 104 | 6 | 5 |
| 15 | L | 293R | N | 2 | .2 | 2 | 2 | 4 | 141 | 3 | 10 |
| 16 | L | 294R | N | 2 | .3 | 6 | 3 | 2 | 324 | 1 | 5 |
| 17 | L | 302R | N | 45 | 2.3 | 537 | 2 | 2 | 28 | 65 | 5 |
| 18 | L | 322R | N | 10 | .2 | 6 | 2 | 2 | 100 | 3 | 20 |
| 19 | L | 324R | N | 12 | .2 | 6 | 3 | 2 | 55 | 1 | 20 |
| 20 | L | 325R | N | 10 | .1 | 11 | 2 | 2 | 48 | 1 | 30 |
| 21 | L | 327R | N | 9 | .1 | 4 | 2 | 2 | 62 | 1 | 40 |
| 22 | L | 347R | N | 21 | .1 | 10 | 2 | 2 | 47 | 5 | 5 |
| 23 | L | 621R | N | 6 | .1 | 5 | 2 | 2 | 234 | 1 | 10 |
| 24 | L | 622R | N | 22 | .1 | 522 | 4 | 2 | 79 | 15 | 5000 |
| 25 | L | 623R | N | 10 | .1 | 22 | 2 | 2 | 220 | 2 | 130 |
| 26 | L | 629R | N | 48 | 1.3 | 192 | 6 | 2 | 60 | 105 | 60 |
| 27 | L | 687R | N | 10 | .1 | 10 | 2 | 2 | 40 | 1 | 10 |
| 28 | L | 688R | N | 11 | .1 | 8 | 2 | 2 | 50 | 3 | 40 |
| 29 | L | 689R | N | 14 | .1 | 6 | 2 | 2 | 36 | 1 | 170 |
| 30 | L | 690R | N | 15 | .1 | 2 | 2 | 2 | 47 | 4 | 30 |
| 31 | P | 380R | N | 6 | .2 | 22 | 2 | 6 | 43 | 2 | 30 |
| 32 | P | 678R | N | 12 | .2 | 12 | 2 | 2 | 40 | 1 | 20 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Pioneer

| | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|
| 1 | B 108R P | 5 | .3 | 14 | 2 | 2 | 24 | 1 | 200 |
| 2 | B 114R P | 2 | .1 | 10 | 2 | 2 | 25 | 1 | 10 |
| 3 | B 115R P | 2 | .1 | 24 | 2 | 2 | 23 | 3 | 20 |
| 4 | J 2R P | 2 | .3 | 2 | 2 | 2 | 7 | 1 | 5 |
| 5 | J 3R P | 2 | .2 | 2 | 2 | 4 | 7 | 1 | 5 |
| 6 | J 4R P | 2 | .3 | 2 | 2 | 6 | 7 | 1 | 10 |
| 7 | J 7R P | 2 | .3 | 2 | 2 | 2 | 4 | 1 | 5 |
| 8 | J 8R P | 2 | .4 | 2 | 2 | 2 | 7 | 1 | 10 |
| 9 | J 16R P | 2 | .3 | 2 | 2 | 2 | 1 | 1 | 100 |
| 10 | J 17R P | 2 | .1 | 2 | 2 | 2 | 14 | 1 | 30 |
| 11 | J 35R P | 2 | .1 | 3 | 2 | 4 | 23 | 1 | 50 |
| 12 | J 192R P | 2 | .3 | 33 | 2 | 2 | 35 | 2 | 10 |
| 13 | J 196R P | 2 | .2 | 11 | 2 | 2 | 35 | 15 | 5 |
| 14 | J 415R P | 3 | .1 | 2 | 2 | 2 | 102 | 2 | |
| 15 | J 416R P | 6 | .1 | 2 | 2 | 2 | 130 | 1 | |
| 16 | L 14R P | 3 | .1 | 2 | 2 | 2 | 8 | 1 | 2700 |
| 17 | L 15R P | 8 | .1 | 3 | 2 | 2 | 10 | 2 | 3700 |
| 18 | L 241R P | 5 | .1 | 10 | 2 | 3 | 44 | 1 | 10 |
| 19 | L 242R P | 2 | .1 | 9 | 2 | 5 | 9 | 4 | 5 |
| 20 | L 243R P | 2 | .1 | 9 | 2 | 7 | 17 | 3 | 10 |
| 21 | L 244R P | 2 | .1 | 6 | 2 | 2 | 6 | 2 | 20 |
| 22 | L 300R P | 2 | .1 | 2 | 2 | 2 | 14 | 1 | 30 |
| 23 | L 326R P | 6 | .1 | 4 | 2 | 2 | 52 | 1 | 10 |
| 24 | L 336R P | 3 | .1 | 3 | 2 | 4 | 15 | 7 | 10 |
| 25 | L 343R P | 2 | .2 | 9 | 2 | 3 | 5 | 1 | 10 |
| 26 | L 356R P | 2 | .1 | 2 | 2 | 4 | 14 | 1 | 20 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Bralorne

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 61R | B | 2 | .1 | 3 | 2 | 2 | 58 | 17 | 5 |
| 2 | B | 6R | B | 3 | .3 | 75 | 2 | 2 | 10 | 4 | 40 |
| 3 | B | 16R | B | 2 | .3 | 2 | 2 | 2 | 14 | 2 | 5 |
| 4 | J | 11R | B | 2 | .2 | 6 | 2 | 2 | 4 | 1 | 20 |
| 5 | J | 12R | B | 3 | .2 | 2 | 2 | 2 | 4 | 1 | 5 |
| 6 | J | 13R | B | 2 | .3 | 2 | 2 | 2 | 4 | 1 | 5 |
| 7 | J | 18R | B | 2 | .1 | 2 | 2 | 2 | 8 | 1 | 30 |
| 8 | J | 19R | B | 10 | .4 | 16 | 2 | 2 | 31 | 1 | 10 |
| 9 | J | 21R | B | 2 | .2 | 2 | 3 | 2 | 14 | 1 | 5 |
| 10 | J | 26R | B | 2 | .1 | 6 | 2 | 2 | 2 | 1 | 5 |
| 11 | J | 27R | B | 2 | .2 | 5 | 2 | 2 | 8 | 1 | 5 |
| 12 | J | 28R | B | 2 | .1 | 2 | 2 | 2 | 4 | 1 | 10 |
| 13 | J | 29R | B | 9 | .3 | 26 | 2 | 2 | 1 | 1 | 30 |
| 14 | J | 30R | B | 2 | .1 | 14 | 2 | 2 | 7 | 1 | 20 |
| 15 | J | 33R | B | 10 | .1 | 2 | 2 | 2 | 59 | 1 | 10 |
| 16 | J | 36R | B | 2 | .4 | 4 | 4 | 2 | 16 | 1 | 10 |
| 17 | J | 56R | B | 7 | .1 | 2 | 3 | 2 | 15 | 1 | 5 |
| 18 | J | 67R | B | 4 | .4 | 8 | 2 | 4 | 12 | 3 | 5 |
| 19 | J | 71R | B | 10 | .1 | 7 | 2 | 2 | 4 | 3 | 5 |
| 20 | J | 75R | B | 2 | .2 | 2 | 2 | 2 | 4 | 1 | 5 |
| 21 | J | 76R | B | 6 | .1 | 12 | 2 | 2 | 7 | 1 | 5 |
| 22 | J | 77R | B | 2 | .1 | 6 | 2 | 2 | 4 | 1 | 150 |
| 23 | J | 78R | B | 3 | .1 | 2 | 2 | 2 | 3 | 1 | 5 |
| 24 | J | 81R | B | 8 | .1 | 2 | 2 | 2 | 15 | 1 | 5 |
| 25 | J | 92R | B | 5 | .1 | 4 | 2 | 2 | 4 | 1 | 5 |
| 26 | J | 93R | B | 3 | .2 | 5 | 2 | 2 | 4 | 1 | 10 |
| 27 | J | 106R | B | 4 | .2 | 2 | 2 | 2 | 8 | 1 | 5 |
| 28 | J | 110R | B | 2 | .1 | 29 | 2 | 2 | 13 | 1 | 10 |
| 29 | J | 136R | B | 12 | .6 | 461 | 2 | 2 | 5 | 1 | 5 |
| 30 | J | 141R | B | 9 | 1.5 | 1714 | 2 | 2 | 5 | 70 | 10 |
| 31 | J | 201R | B | 9 | .1 | 11 | 2 | 2 | 4 | 7 | 30 |
| 32 | J | 547R | B | 3 | .3 | 2 | 2 | 6 | 123 | 1 | 20 |
| 33 | J | 549R | B | 2 | .2 | 2 | 2 | 2 | 6 | 2 | 5 |
| 34 | J | 582R | B | 8 | .3 | 5 | 2 | 2 | 178 | 1 | 10 |
| 35 | K | 396R | B | 8 | .1 | 17 | 3 | 7 | 7 | 1 | 10 |
| 36 | K | 410R | B | 4 | .1 | 4 | 4 | 7 | 7 | 1 | 10 |
| 37 | K | 411R | B | 4 | .1 | 7 | 2 | 3 | 7 | 1 | 30 |
| 38 | K | 412R | B | 8 | .3 | 26 | 3 | 4 | 11 | 1 | 50 |
| 39 | K | 415R | B | 2 | .1 | 27 | 2 | 4 | 5 | 1 | 100 |
| 40 | K | 416R | B | 4 | .1 | 15 | 2 | 3 | 7 | 2 | 10 |
| 41 | L | 6R | B | 4 | .1 | 2 | 2 | 4 | 6 | 1 | 5 |
| 42 | L | 7R | B | 2 | .1 | 2 | 2 | 2 | 4 | 1 | 5 |
| 43 | L | 9R | B | 8 | .1 | 24 | 2 | 2 | 7 | 2 | 5 |
| 44 | L | 10R | B | 10 | .1 | 3 | 2 | 2 | 6 | 1 | 5 |
| 45 | L | 11R | B | 6 | .1 | 4 | 2 | 2 | 6 | 1 | 5 |
| 46 | L | 58R | B | 4 | .2 | 2 | 2 | 2 | 6 | 1 | 10 |
| 47 | L | 70R | B | 2 | .1 | 2 | 2 | 2 | 3 | 3 | 20 |
| 48 | L | 71R | B | 5 | .2 | 2 | 2 | 2 | 6 | 1 | 30 |
| 49 | L | 122R | B | 4 | .3 | 16 | 2 | 2 | 10 | 1 | 5 |
| 50 | L | 124R | B | 2 | .9 | 2 | 2 | 2 | 4 | 1 | 20 |
| 51 | L | 126R | B | 40 | .1 | 2 | 2 | 7 | 5 | 2 | 5 |
| 52 | L | 127R | B | 12 | .1 | 2 | 2 | 2 | 2 | 1 | 5 |
| 53 | L | 128R | B | 23 | .1 | 6 | 2 | 2 | 2 | 21 | 5 |
| 54 | L | 130R | B | 8 | .1 | 5 | 2 | 4 | 9 | 1 | 5 |
| 55 | L | 131R | B | 5 | .1 | 2 | 2 | 5 | 5 | 1 | 5 |
| 56 | L | 138R | B | 4 | .1 | 27 | 2 | 2 | 10 | 5 | 200 |

|  |  | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|
| 57 | L 140R B | 6 | .1 | 118 | 2 | 2 | 45 | 24 | 30 |
| 58 | L 141R B | 9 | .3 | 134 | 2 | 2 | 31 | 47 | 60 |
| 59 | L 142R B | 6 | .2 | 160 | 2 | 2 | 16 | 59 | 70 |
| 60 | L 170R B | 37 | .1 | 6 | 2 | 2 | 94 | 1 | 290 |
| 61 | L 171R B | 16 | .2 | 14 | 2 | 2 | 61 | 1 | 180 |
| 62 | L 172R B | 8 | .2 | 4 | 2 | 3 | 251 | 1 | 270 |
| 63 | L 179R B | 13 | .2 | 34 | 2 | 2 | 3 | 1 | 5 |
| 64 | L 180R B | 8 | .1 | 15 | 2 | 2 | 3 | 1 | 5 |
| 65 | L 182R B | 6 | .1 | 3 | 2 | 5 | 25 | 1 | 10 |
| 66 | L 184R B | 3 | .1 | 10 | 2 | 2 | 10 | 2 | 5 |
| 67 | L 190R B | 2 | .1 | 20 | 2 | 2 | 14 | 1 | 10 |
| 68 | L 192R B | 2 | .2 | 32 | 2 | 2 | 1 | 2 | 5 |
| 69 | L 193R B | 2 | .1 | 16 | 2 | 2 | 1 | 1 | 20 |
| 70 | L 194R B | 2 | .1 | 9 | 2 | 2 | 1 | 1 | 5 |
| 71 | L 196R B | 2 | .1 | 9 | 2 | 2 | 2 | 1 | 10 |
| 72 | L 197R B | 2 | .1 | 10 | 2 | 2 | 1 | 1 | 20 |
| 73 | L 198R B | 5 | .1 | 13 | 2 | 2 | 2 | 1 | 5 |
| 74 | L 200R B | 2 | .1 | 7 | 2 | 2 | 7 | 1 | 5 |
| 75 | L 206R B | 12 | .2 | 9 | 2 | 2 | 64 | 6 | 30 |
| 76 | L 247R B | 2 | .3 | 2 | 2 | 5 | 6 | 1 | 30 |
| 77 | L 297R B | 3 | .2 | 2 | 4 | 5 | 4 | 2 | 5 |
| 78 | L 298R B | 2 | .3 | 7 | 2 | 9 | 4 | 4 | 10 |
| 79 | L 344R B | 2 | .1 | 2 | 2 | 10 | 3 | 1 | 20 |
| 80 | L 346R B | 16 | .3 | 167 | 2 | 2 | 3 | 5 | 50 |
| 81 | L 450R B | 2 | .3 | 2 | 2 | 2 | 6 | 1 |  |
| 82 | L 503R B | 2 | .1 | 2 | 2 | 3 | 74 | 1 | 5 |
| 83 | L 653R B | 3 | .1 | 4 | 2 | 2 | 8 | 1 | 20 |
| 84 | L 654R B | 9 | 1.5 | 20 | 2 | 2 | 4 | 60 | 5 |
| 85 | L 655R B | 2 | .1 | 8 | 2 | 4 | 4 | 1 | 5 |
| 86 | P1229R B | 4 | .1 | 2 | 2 | 3 | 4 | 1 | 5 |
| 87 | P1289R B | 4 | .1 | 5 | 2 | 2 | 4 | 1 | 5 |
| 88 | P1296R B | 6 | .1 | 9 | 2 | 2 | 6 | 1 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Hurley, seds

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | J | 68R | H | 9 | .1 | 6 | 2 | 2 | 49 | 1 | 5 |
| 2 | J | 69R | H | 6 | .1 | 4 | 2 | 2 | 89 | 1 | 5 |
| 3 | J | 74R | H | 5 | .1 | 4 | 2 | 2 | 33 | 1 | 5 |
| 4 | J | 88R | H | 5 | .1 | 2 | 2 | 2 | 2 | 1 | 5 |
| 5 | J | 89R | H | 10 | .2 | 2 | 2 | 2 | 58 | 1 | 20 |
| 6 | J | 90R | H | 7 | .1 | 7 | 2 | 2 | 53 | 2 | 5 |
| 7 | J | 91R | H | 8 | .4 | 10 | 2 | 2 | 42 | 4 | 20 |
| 8 | J | 99R | H | 9 | .2 | 4 | 2 | 5 | 112 | 7 | 20 |
| 9 | J | 113R | H | 6 | .1 | 2 | 2 | 11 | 315 | 1 | 30 |
| 10 | J | 139R | H | 45 | .1 | 6 | 2 | 2 | 154 | 1 | 5 |
| 11 | J | 153R | H | 9 | .3 | 2 | 2 | 3 | 267 | 2 | 5 |
| 12 | J | 154R | H | 2 | .1 | 10 | 2 | 2 | 247 | 1 | 5 |
| 13 | J | 164R | H | 6 | .1 | 3 | 2 | 2 | 305 | 1 | 20 |
| 14 | J | 166R | H | 2 | .3 | 2 | 2 | 2 | 331 | 1 | 10 |
| 15 | J | 186R | H | 16 | .4 | 2 | 2 | 2 | 81 | 2 | 5 |
| 16 | J | 188R | H | 7 | .1 | 14 | 2 | 2 | 43 | 4 | 20 |
| 17 | J | 190R | H | 8 | .1 | 10 | 2 | 2 | 44 | 1 | 10 |
| 18 | J | 197R | H | 8 | .1 | 12 | 2 | 2 | 37 | 9 | 180 |
| 19 | J | 199R | H | 13 | .2 | 22 | 2 | 2 | 35 | 8 | 10 |
| 20 | J | 209R | H | 4 | .2 | 13 | 2 | 2 | 24 | 1 | 60 |
| 21 | J | 216R | H | 2 | .1 | 5 | 2 | 3 | 297 | 1 | 10 |
| 22 | J | 232R | H | 2 | .1 | 5 | 2 | 8 | 21 | 1 | 10 |
| 23 | J | 234R | H | 14 | .1 | 11 | 2 | 5 | 31 | 1 | 5 |
| 24 | J | 236R | H | 8 | .2 | 4 | 2 | 2 | 49 | 1 | 60 |
| 25 | J | 260R | H | 5 | .4 | 33 | 2 | 2 | 113 | 410 | 10 |
| 26 | J | 262R | H | 11 | .1 | 9 | 2 | 2 | 135 | 1 | 5 |
| 27 | J | 263R | H | 2 | .1 | 2 | 2 | 4 | 75 | 4 | 5 |
| 28 | J | 404R | H | 7 | .1 | 2 | 2 | 6 | 52 | 6 | 100 |
| 29 | J | 405R | H | 3 | .1 | 2 | 2 | 3 | 39 | 3 | 30 |
| 30 | J | 406R | H | 4 | .1 | 2 | 2 | 2 | 17 | 2 | 20 |
| 31 | J | 407R | H | 5 | .1 | 3 | 2 | 2 | 39 | 2 | 60 |
| 32 | J | 408R | H | 6 | .2 | 5 | 2 | 2 | 34 | 2 | 80 |
| 33 | J | 409R | H | 3 | .1 | 9 | 2 | 3 | 28 | 1 | 10 |
| 34 | J | 410R | H | 5 | .2 | 6 | 2 | 3 | 32 | 2 | 5 |
| 35 | J | 422R | H | 7 | .1 | 2 | 2 | 6 | 39 | 2 | |
| 36 | J | 516R | H | 7 | .2 | 10 | 2 | 2 | 35 | 4 | |
| 37 | K | 219R | H | 3 | .1 | 5 | 2 | 2 | 8 | 1 | 20 |
| 38 | L | 4R | H | 2 | .1 | 5 | 2 | 2 | 45 | 1 | 5 |
| 39 | L | 29R | H | 5 | .1 | 4 | 2 | 2 | 43 | 1 | 5 |
| 40 | L | 30R | H | 8 | .1 | 4 | 2 | 2 | 83 | 1 | 10 |
| 41 | L | 34R | H | 7 | .2 | 6 | 2 | 2 | 38 | 4 | 240 |
| 42 | L | 35R | H | 10 | .1 | 7 | 2 | 2 | 36 | 6 | 5 |
| 43 | L | 118R | H | 3 | .2 | 4 | 2 | 2 | 6 | 1 | 5 |
| 44 | L | 148R | H | 12 | .1 | 5 | 2 | 2 | 131 | 6 | 10 |
| 45 | L | 150R | H | 2 | .1 | 11 | 2 | 2 | 120 | 2 | 30 |
| 46 | L | 153R | H | 23 | .1 | 2 | 2 | 2 | 114 | 4 | 5 |
| 47 | L | 173R | H | 8 | .2 | 22 | 2 | 2 | 365 | 1 | 60 |
| 48 | L | 176R | H | 11 | .2 | 4 | 2 | 2 | 77 | 1 | 5 |
| 49 | L | 183R | H | 6 | .2 | 11 | 2 | 2 | 41 | 1 | 20 |
| 50 | L | 204R | H | 2 | .2 | 4 | 2 | 2 | 157 | 10 | 5 |
| 51 | L | 205R | H | 9 | .1 | 5 | 2 | 2 | 176 | 1 | 20 |
| 52 | L | 237R | H | 6 | .1 | 9 | 2 | 5 | 42 | 1 | 10 |
| 53 | L | 239R | H | 11 | .4 | 7 | 2 | 5 | 67 | 4 | 10 |
| 54 | L | 245R | H | 14 | .2 | 11 | 2 | 7 | 68 | 1 | 5 |
| 55 | L | 270R | H | 7 | .2 | 14 | 2 | 5 | 25 | 2 | 20 |
| 56 | L | 451R | H | 5 | .2 | 49 | 2 | 2 | 4 | 2 | |

|  |  |  | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|
| 57 | L 453R | H | 9 | .2 | 8 | 2 | 2 | 30 | 2 |  |
| 58 | L 458R | H | 2 | .3 | 12 | 2 | 2 | 34 | 7 |  |
| 59 | L 464R | H | 2 | .3 | 20 | 2 | 2 | 48 | 1 |  |
| 60 | L 468R | H | 6 | .1 | 13 | 2 | 2 | 48 | 2 |  |
| 61 | L 482R | H | 4 | .1 | 2 | 2 | 2 | 58 | 2 |  |
| 62 | L 483R | H | 9 | .1 | 18 | 2 | 2 | 70 | 2 |  |
| 63 | L 484R | H | 4 | .1 | 7 | 2 | 2 | 49 | 1 |  |
| 64 | L 485R | H | 8 | .2 | 10 | 2 | 2 | 29 | 1 |  |
| 65 | L 486R | H | 4 | .1 | 56 | 2 | 7 | 47 | 24 |  |
| 66 | L 487R | H | 3 | .2 | 57 | 2 | 2 | 40 | 1 |  |
| 67 | L 489R | H | 5 | .1 | 28 | 2 | 2 | 43 | 6 |  |
| 68 | L 723R | H | 164 | .8 | 7 | 2 | 2 | 30 | 2 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Hurley, volc

| | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|
| 1 | J 87R K | 9 | .1 | 4 | 2 | 2 | 33 | 6 | 10 |
| 2 | J 104R K | 7 | .1 | 2 | 2 | 8 | 56 | 1 | 5 |
| 3 | J 116R K | 7 | .2 | 10 | 2 | 4 | 45 | 2 | 5 |
| 4 | J 135R K | 9 | .5 | 18 | 2 | 7 | 3 | 1 | 20 |
| 5 | J 161R K | 8 | .1 | 2 | 2 | 2 | 198 | 1 | 5 |
| 6 | J 169R K | 8 | .1 | 2 | 2 | 2 | 69 | 1 | 10 |
| 7 | J 401R K | 9 | .1 | 9 | 2 | 2 | 62 | 1 | 5 |
| 8 | J 402R K | 5 | .1 | 40 | 2 | 2 | 45 | 2 | 5 |
| 9 | J 411R K | 3 | .1 | 4 | 2 | 2 | 34 | 1 | 10 |
| 10 | J 412R K | 9 | .2 | 4 | 2 | 2 | 43 | 1 | |
| 11 | J 423R K | 19 | .2 | 2 | 3 | 5 | 162 | 1 | |
| 12 | J 449R K | 4 | .1 | 2 | 2 | 2 | 101 | 1 | |
| 13 | L 119R K | 3 | .2 | 6 | 2 | 2 | 9 | 2 | 5 |
| 14 | L 120R K | 2 | .4 | 3 | 3 | 2 | 13 | 1 | 10 |
| 15 | L 121R K | 2 | .3 | 2 | 2 | 2 | 13 | 1 | 20 |
| 16 | L 123R K | 6 | .2 | 7 | 2 | 2 | 3 | 4 | 10 |
| 17 | L 144R K | 9 | .2 | 17 | 2 | 2 | 236 | 78 | 5 |
| 18 | L 145R K | 11 | .1 | 16 | 2 | 2 | 463 | 25 | 5 |
| 19 | L 146R K | 3 | .2 | 51 | 2 | 3 | 271 | 14 | 5 |
| 20 | L 152R K | 5 | .2 | 2 | 2 | 2 | 28 | 1 | 5 |
| 21 | L 488R K | 7 | .1 | 17 | 2 | 2 | 45 | 1 | |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Bendor

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 20R | I | 13 | .3 | 217 | 2 | 2 | 23 | 220 | 5 |
| 2 | B | 104R | I | 2 | .1 | 35 | 2 | 2 | 3 | 1 | 30 |
| 3 | J | 84R | I | 8 | .2 | 2 | 2 | 2 | 234 | 2 | 5 |
| 4 | J | 160R | I | 5 | .6 | 72 | 2 | 2 | 117 | 1 | 20 |
| 5 | J | 180R | I | 8 | .1 | 3 | 2 | 2 | 121 | 2 | 10 |
| 6 | J | 520R | I | 6 | .2 | 67 | 2 | 2 | 29 | 1 | 30 |
| 7 | J | 521R | I | 10 | .3 | 4 | 2 | 2 | 13 | 5 | 5 |
| 8 | J | 546R | I | 5 | .1 | 2 | 2 | 3 | 116 | 8 | 10 |
| 9 | L | 31R | I | 2 | .1 | 2 | 2 | 2 | 134 | 1 | 5 |
| 10 | L | 32R | I | 4 | .2 | 3 | 2 | 3 | 134 | 1 | 5 |
| 11 | L | 76R | I | 5 | .2 | 6 | 2 | 3 | 18 | 2 | 20 |
| 12 | L | 202R | I | 2 | .1 | 3 | 2 | 2 | 200 | 1 | 10 |
| 13 | L | 460R | I | 4 | .1 | 13 | 2 | 2 | 21 | 1 | |
| 14 | L | 492R | I | 2 | .1 | 13 | 2 | 2 | 150 | 1 | 50 |
| 15 | L | 499R | I | 2 | .1 | 3 | 2 | 2 | 58 | 1 | 30 |
| 16 | L | 542R | I | 5 | .2 | 15 | 2 | 3 | 43 | 2 | 20 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Hornfels

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 8R | D | 3 | .2 | 3 | 2 | 2 | 165 | 1 | 5 |
| 2 | J | 82R | D | 2 | .1 | 2 | 2 | 2 | 23 | 2 | 10 |
| 3 | J | 83R | D | 9 | .1 | 5 | 2 | 2 | 108 | 1 | 20 |
| 4 | J | 85R | D | 2 | .1 | 2 | 2 | 2 | 363 | 1 | 5 |
| 5 | J | 131R | D | 4 | .1 | 22 | 2 | 2 | 53 | 1 | 20 |
| 6 | J | 132R | D | 6 | .4 | 323 | 2 | 2 | 27 | 1 | 10 |
| 7 | J | 133R | D | 5 | .4 | 10 | 2 | 2 | 56 | 1 | 5 |
| 8 | J | 134R | D | 10 | 1.4 | 4766 | 2 | 2 | 37 | 18 | 5 |
| 9 | J | 418R | D | 10 | .2 | 2 | 2 | 2 | 42 | 2 | |
| 10 | J | 419R | D | 10 | .1 | 2 | 2 | 2 | 62 | 1 | |
| 11 | J | 517R | D | 2 | .1 | 2 | 2 | 2 | 25 | 1 | 5 |
| 12 | J | 522R | D | 3 | .1 | 3 | 2 | 2 | 251 | 1 | 5 |
| 13 | J | 523R | D | 4 | .1 | 2 | 2 | 2 | 61 | 1 | 5 |
| 14 | J | 550R | D | 2 | .2 | 9 | 2 | 2 | 27 | 1 | 100 |
| 15 | J | 551R | D | 2 | .2 | 2 | 2 | 2 | 120 | 2 | 20 |
| 16 | J | 552R | D | 2 | .1 | 271 | 2 | 2 | 82 | 1 | 10 |
| 17 | J | 553R | D | 5 | .2 | 10 | 2 | 2 | 141 | 1 | 20 |
| 18 | J | 579R | D | 4 | .3 | 11 | 2 | 2 | 40 | 2 | 30 |
| 19 | J | 580R | D | 5 | .3 | 30 | 2 | 2 | 124 | 1 | 10 |
| 20 | L | 77R | D | 2 | .5 | 6 | 2 | 2 | 155 | 1 | 5 |
| 21 | L | 201R | D | 2 | .1 | 2 | 2 | 2 | 14 | 1 | 5 |
| 22 | L | 221R | D | 6 | .4 | 23 | 2 | 4 | 410 | 2 | 5 |
| 23 | L | 563R | D | 2 | .1 | 3 | 2 | 2 | 207 | 1 | 40 |
| 24 | L | 564R | D | 3 | .2 | 4 | 2 | 2 | 254 | 2 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data
Rock samples Aplite dyke

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 274R | A | 5 | .1 | 4 | 2 | 2 | 376 | 6 | 5 |
| 2 | B | 9R | A | 2 | .6 | 292 | 2 | 2 | 28 | 3 | 20 |
| 3 | B | 12R | A | 4 | .3 | 197 | 2 | 2 | 38 | 2 | 20 |
| 4 | B | 15R | A | 3 | .1 | 184 | 2 | 2 | 63 | 6 | 5 |
| 5 | B | 112R | A | 14 | .1 | 2 | 3 | 2 | 52 | 1 | 10 |
| 6 | B | 113R | A | 12 | .1 | 8 | 3 | 2 | 28 | 1 | 30 |
| 7 | J | 66R | A | 2 | .1 | 4 | 2 | 3 | 37 | 1 | 20 |
| 8 | L | 139R | A | 8 | .2 | 2 | 2 | 2 | 45 | 7 | 40 |
| 9 | L | 207R | A | 2 | .3 | 2 | 2 | 2 | 60 | 1 | 5 |
| 10 | L | 210R | A | 2 | 1.2 | 355 | 2 | 2 | 7 | 1 | 30 |
| 11 | L | 230R | A | 7 | .3 | 5 | 2 | 2 | 42 | 1 | 10 |
| 12 | L | 232R | A | 36 | .7 | 12 | 2 | 2 | 48 | 1 | 5 |
| 13 | L | 236R | A | 8 | .4 | 121 | 2 | 2 | 36 | 6 | 40 |
| 14 | L | 296R | A | 418 | 4.7 | 125 | 2 | 3 | 31 | 260 | 5 |
| 15 | L | 333R | A | 8 | .1 | 2 | 2 | 3 | 35 | 1 | 20 |
| 16 | L | 334R | A | 3 | .1 | 2 | 4 | 4 | 2 | 2 | 5 |
| 17 | L | 338R | A | 5 | .1 | 5 | 2 | 5 | 27 | 1 | 30 |
| 18 | L | 339R | A | 18 | .4 | 3 | 2 | 3 | 46 | 2 | 20 |
| 19 | L | 456R | A | 14 | .1 | 2 | 2 | 2 | 64 | 1 | |
| 20 | L | 462R | A | 7 | .1 | 3 | 2 | 2 | 67 | 2 | |
| 21 | L | 561R | A | 8 | .1 | 42 | 2 | 2 | 25 | 1 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Granite

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | L | 18R | G | 20 | .1 | 2 | 2 | 2 | 30 | 1 | 10 |
| 2 | L | 19R | G | 29 | .2 | 2 | 2 | 2 | 49 | 2 | 30 |
| 3 | L | 63R | G | 21 | .1 | 2 | 2 | 2 | 40 | 2 | 30 |
| 4 | L | 66R | G | 23 | .4 | 2 | 2 | 2 | 21 | 1 | 20 |
| 5 | L | 75R | G | 13 | .1 | 2 | 2 | 5 | 36 | 1 | 10 |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Quartz vein

| | | | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | 1R | V | 2 | .8 | 8 | 2 | 2 | 27 | 13 | 30 |
| 2 | A | 9R | V | 4 | .1 | 2 | 2 | 2 | 28 | 1 | 10 |
| 3 | A | 15R | V | 3 | .1 | 2 | 2 | 2 | 4 | 11 | 5 |
| 4 | A | 65R | V | 5 | .2 | 25 | 2 | 2 | 30 | 1 | 5 |
| 5 | A | 113R | V | 2 | .1 | 3 | 2 | 2 | 2 | 1 | 5 |
| 6 | B | 10R | V | 2 | .1 | 74 | 2 | 2 | 11 | 4 | 10 |
| 7 | B | 11R | V | 3 | .4 | 69 | 2 | 2 | 11 | 3 | 10 |
| 8 | B | 14R | V | 2 | .1 | 42 | 2 | 2 | 29 | 2 | 10 |
| 9 | B | 17R | V | 2 | .1 | 8 | 2 | 2 | 1 | 2 | 10 |
| 10 | J | 40R | V | 2 | .1 | 2 | 2 | 2 | 95 | 1 | 5 |
| 11 | J | 44R | V | 2 | .1 | 2 | 2 | 2 | 10 | 1 | 5 |
| 12 | J | 140R | V | 6 | .4 | 90 | 2 | 2 | 3 | 2 | 5 |
| 13 | J | 145R | V | 2 | .1 | 2 | 2 | 2 | 3 | 1 | 5 |
| 14 | J | 147R | V | 3 | .3 | 31 | 2 | 2 | 1 | 1 | 5 |
| 15 | J | 261R | V | 2 | .1 | 22 | 2 | 2 | 14 | 1 | 5 |
| 16 | J | 400R | V | 20 | 1.6 | 5 | 2 | 2 | 16 | 19 | 5 |
| 17 | K | 19R | V | 5 | .1 | 2 | 2 | 2 | 28 | 1 | 20 |
| 18 | L | 8R | V | 4 | .1 | 2 | 2 | 4 | 5 | 2 | 5 |
| 19 | L | 26R | V | 6 | .1 | 2 | 2 | 2 | 23 | 1 | 5 |
| 20 | L | 28R | V | 4 | .1 | 2 | 2 | 2 | 211 | 1 | 5 |
| 21 | L | 39R | V | 3 | .3 | 2 | 2 | 2 | 26 | 5 | 5 |
| 22 | L | 47R | V | 3 | .1 | 31 | 2 | 2 | 23 | 1 | 20 |
| 23 | L | 68R | V | 2 | .1 | 4 | 2 | 3 | 5 | 2 | 5 |
| 24 | L | 78R | V | 2 | .3 | 3 | 2 | 2 | 9 | 6 | 5 |
| 25 | L | 83R | V | 9 | .5 | 16 | 2 | 2 | 6 | 2 | 10 |
| 26 | L | 93R | V | 6 | .1 | 2 | 2 | 2 | 13 | 1 | 5 |
| 27 | L | 94R | V | 3 | .1 | 2 | 2 | 2 | 22 | 1 | 5 |
| 28 | L | 96R | V | 6 | .1 | 3 | 2 | 2 | 20 | 1 | 10 |
| 29 | L | 117R | V | 2 | .1 | 2 | 2 | 2 | 6 | 3 | 5 |
| 30 | L | 143R | V | 13 | 4.7 | 2734 | 5 | 2 | 7 | 16900 | 100 |
| 31 | L | 149R | V | 2 | .1 | 12 | 2 | 2 | 9 | 2 | 5 |
| 32 | L | 151R | V | 9 | .4 | 26 | 2 | 2 | 64 | 3 | 90 |
| 33 | L | 166R | V | 2 | .1 | 9 | 2 | 2 | 18 | 1 | 5 |
| 34 | L | 178R | V | 6 | .1 | 8 | 2 | 2 | 5 | 2 | 10 |
| 35 | L | 185R | V | 2 | .4 | 14 | 2 | 2 | 10 | 1 | 10 |
| 36 | L | 186R | V | 2 | .1 | 2 | 2 | 2 | 5 | 1 | 5 |
| 37 | L | 187R | V | 2 | .1 | 2 | 2 | 2 | 3 | 1 | 5 |
| 38 | L | 189R | V | 2 | .1 | 2 | 2 | 2 | 1 | 1 | 5 |
| 39 | L | 191R | V | 2 | .1 | 3 | 2 | 2 | 1 | 2 | 5 |
| 40 | L | 195R | V | 2 | .1 | 5 | 2 | 2 | 1 | 1 | 5 |
| 41 | L | 199R | V | 3 | .2 | 5 | 2 | 2 | 1 | 1 | 5 |
| 42 | L | 203R | V | 42 | .4 | 206 | 2 | 2 | 12 | 3 | 20 |
| 43 | L | 208R | V | 2 | 1.1 | 152 | 2 | 2 | 13 | 1 | 10 |
| 44 | L | 209R | V | 9 | 1 | 66 | 2 | 2 | 7 | 2 | 5 |
| 45 | L | 220R | V | 2 | .2 | 2 | 2 | 2 | 5 | 2 | 5 |
| 46 | L | 229R | V | 295 | 10.2 | 72 | 2 | 15 | 7 | 3 | 5 |
| 47 | L | 231R | V | 13 | .3 | 50 | 2 | 2 | 19 | 2 | 5 |
| 48 | L | 233R | V | 14 | .3 | 53 | 2 | 2 | 20 | 2 | 30 |
| 49 | L | 234R | V | 2 | .8 | 29 | 2 | 2 | 14 | 2 | 5 |
| 50 | L | 235R | V | 28 | .8 | 36 | 2 | 2 | 9 | 1 | 5 |
| 51 | L | 292R | V | 2 | .1 | 16 | 3 | 2 | 7 | 2 | 5 |
| 52 | L | 299R | V | 5 | .3 | 6 | 3 | 2 | 1 | 2 | 15 |
| 53 | L | 301R | V | 2 | .1 | 3 | 2 | 2 | 14 | 1 | 20 |
| 54 | L | 303R | V | 5 | .1 | 63 | 3 | 2 | 59 | 5 | 35 |
| 55 | L | 330R | V | 5 | .1 | 22 | 2 | 12 | 18 | 1 | 10 |
| 56 | L | 345R | V | 7 | .2 | 29 | 2 | 4 | 5 | 1 | 10 |

|  |  |  | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|---|
| 57 | L 449R | V | 5 | .2 | 6 | 2 | 2 | 12 | 1 |  |
| 58 | L 452R | V | 3 | .1 | 2 | 2 | 2 | 4 | 1 |  |
| 59 | L 455R | V | 9 | .5 | 22 | 2 | 2 | 28 | 6 |  |
| 60 | L 457R | V | 2 | 1 | 2 | 2 | 2 | 7 | 65 |  |
| 61 | L 459R | V | 6 | .3 | 3 | 2 | 2 | 6 | 3 |  |
| 62 | L 461R | V | 51 | .4 | 2 | 2 | 2 | 14 | 1 |  |
| 63 | L 463R | V | 2 | .1 | 6 | 204 | 2 | 4 | 1 |  |
| 64 | L 465R | V | 6 | .3 | 10 | 2 | 2 | 15 | 1 |  |
| 65 | L 466R | V | 11 | .1 | 4 | 2 | 2 | 15 | 1 |  |
| 66 | L 467R | V | 7 | .2 | 7 | 2 | 2 | 8 | 1 |  |
| 67 | L 490R | V | 3 | .1 | 5 | 2 | 5 | 12 | 1 |  |
| 68 | L 491R | V | 19 | .4 | 151 | 2 | 2 | 47 | 2 | 30 |
| 69 | L 493R | V | 16 | .9 | 6 | 2 | 2 | 13 | 1 | 20 |
| 70 | L 498R | V | 2 | .1 | 2 | 2 | 2 | 2 | 1 | 10 |
| 71 | L 504R | V | 2 | .1 | 4 | 2 | 2 | 2 | 2 | 5 |
| 72 | L 540R | V | 3 | .1 | 2 | 2 | 2 | 2 | 2 | 5 |
| 73 | L 541R | V | 3 | .1 | 3 | 2 | 2 | 13 | 1 | 10 |
| 74 | L 543R | V | 3 | .1 | 11 | 2 | 2 | 9 | 1 | 30 |
| 75 | L 556R | V | 8 | .1 | 4 | 2 | 2 | 58 | 2 | 30 |
| 76 | L 658R | V | 2 | .1 | 8 | 2 | 2 | 1 | 1 | 5 |

Hudson Bay Expl; Mike Lancaster; 1985 data

Rock samples Mixed

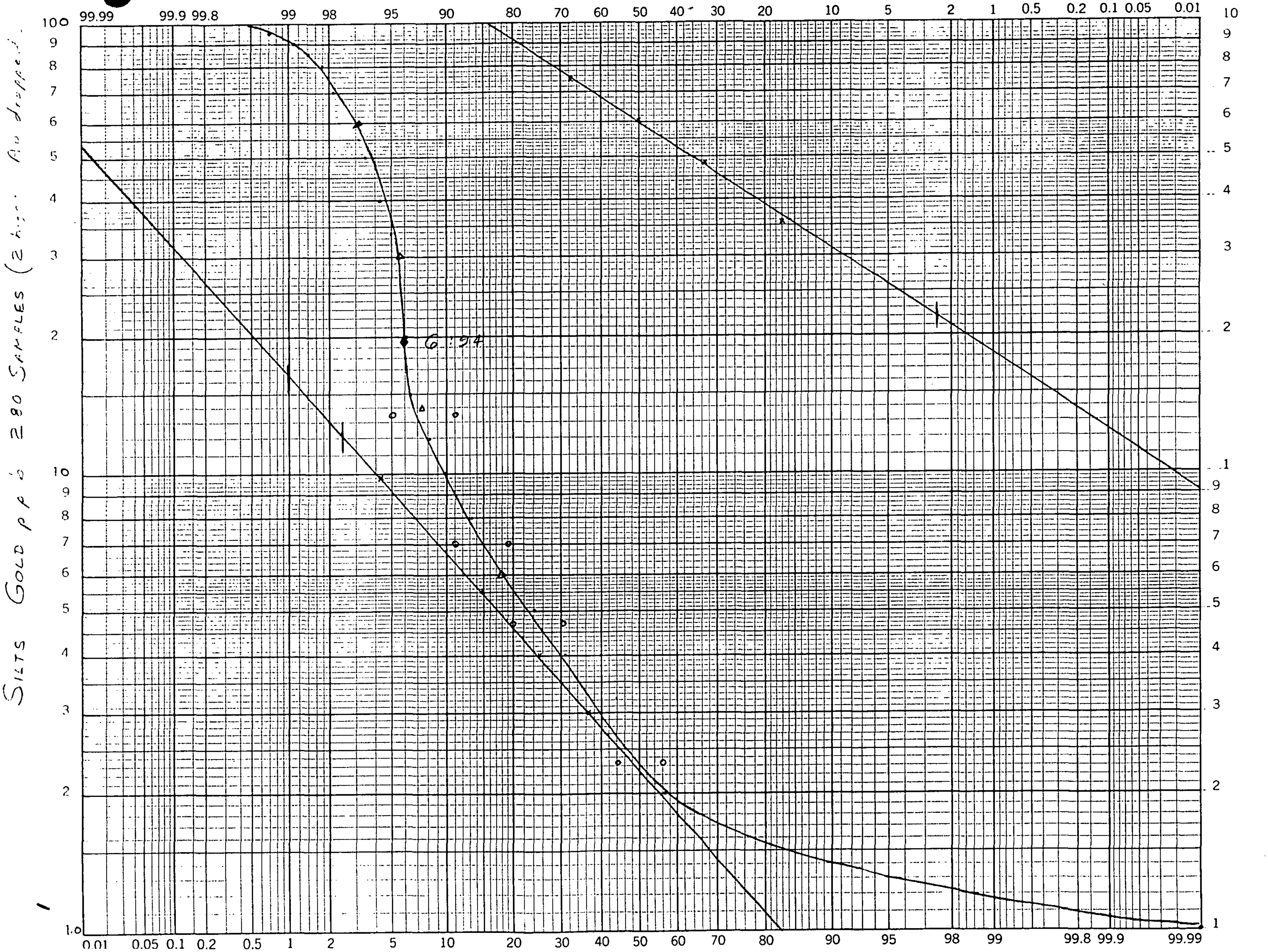
| | | Pb | Ag | As | Sb | Bi | Ba | Au | Hg |
|---|---|---|---|---|---|---|---|---|---|
| 1 | J 179R E | 14 | .1 | 6 | 2 | 2 | 1320 | 1 | 5 |
| 2 | L 20R E | 62 | .2 | 5 | 2 | 2 | 54 | 4 | 100 |
| 3 | L 238R E | 4 | .1 | 31 | 2 | 2 | 52 | 1 | 20 |
| 4 | L 282R E | 2 | .3 | 11 | 2 | 2 | 45 | 2 | 20 |
| 5 | L 332R E | 5 | .1 | 2 | 2 | 6 | 49 | 1 | 5 |
| 6 | L 454R E | 2 | .2 | 2 | 2 | 2 | 9 | 2 | |

# APPENDIX C

## PROBABILITY PLOTS

# LEGEND

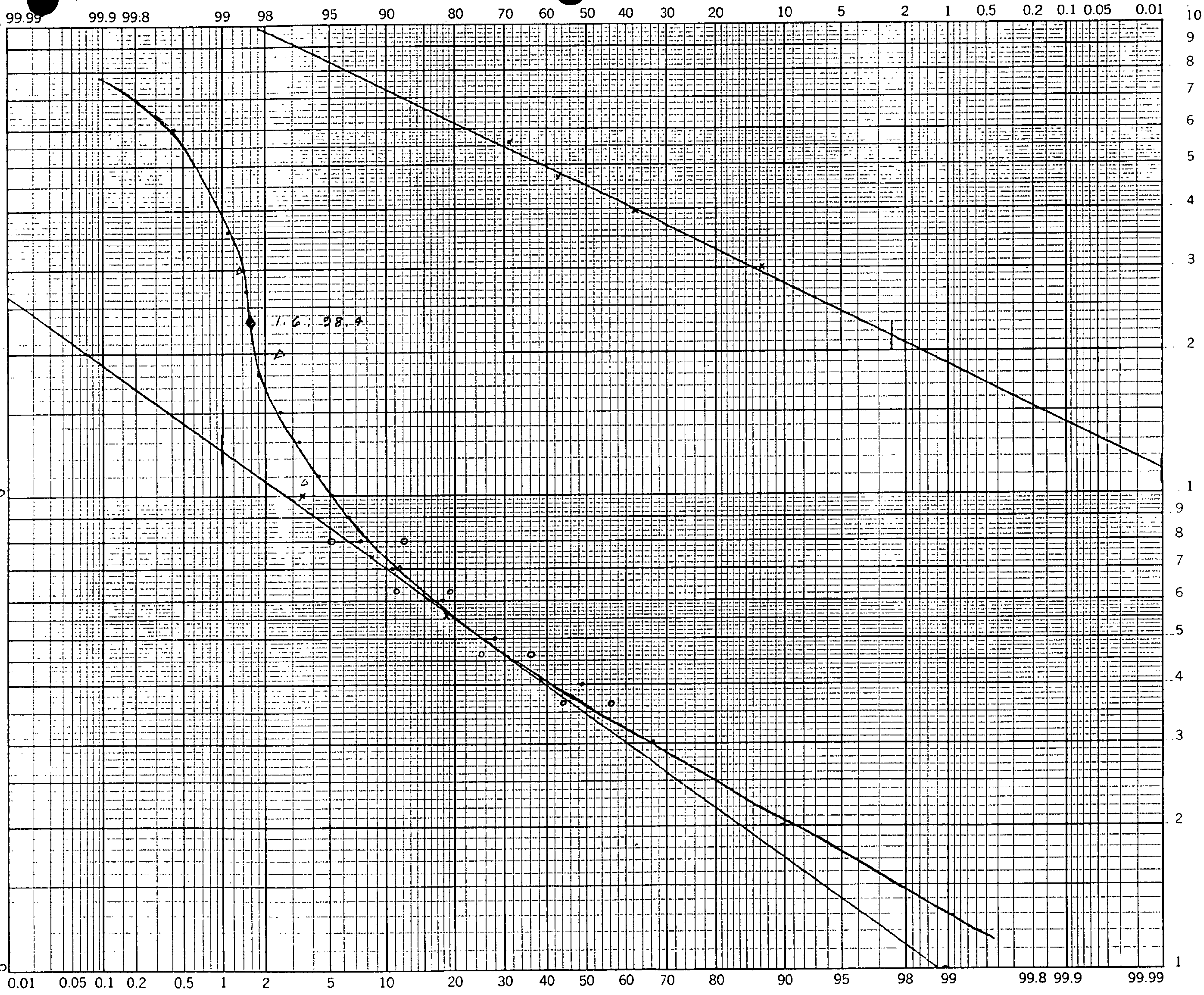
| | |
|---|---|
| ⬮ | Inflection Point |
| • | Original data point |
| X | Partitioning point |
| Δ | Check point derived from combining partitioned populations |
| o—o | Lepeltier 95% confidence limit |


SILTS GOLD ppb 280 SAMPLES (2 high Au dropped)
6.94
99.99
99.9
99.8
99
98
95
90
80
70
60
50
40
30
20
10
5
2
1
0.5
0.2
0.1
0.05
0.01
100
10
1.0
1

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 8040

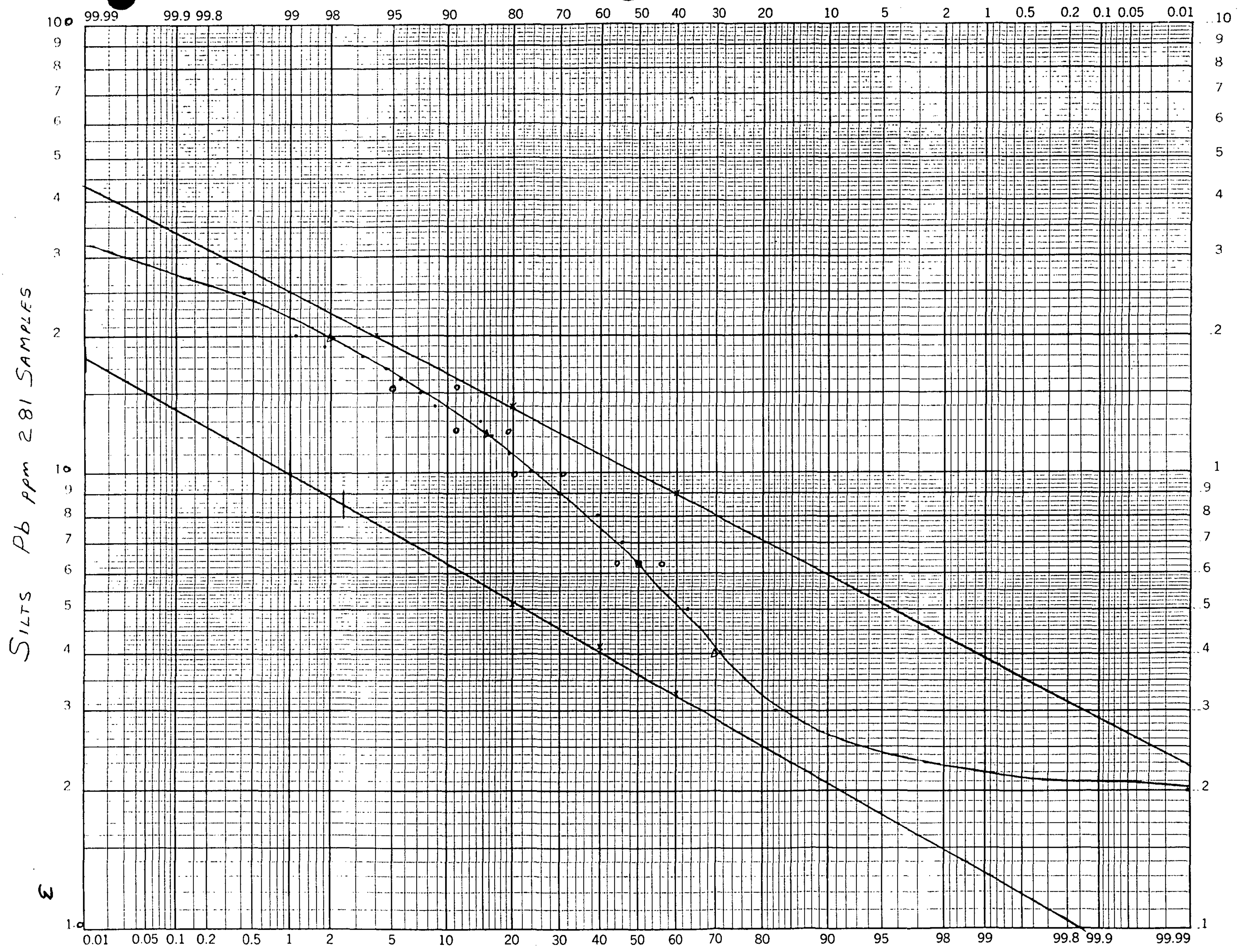
SILTS Hg ppb 274 SAMPLES



2

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

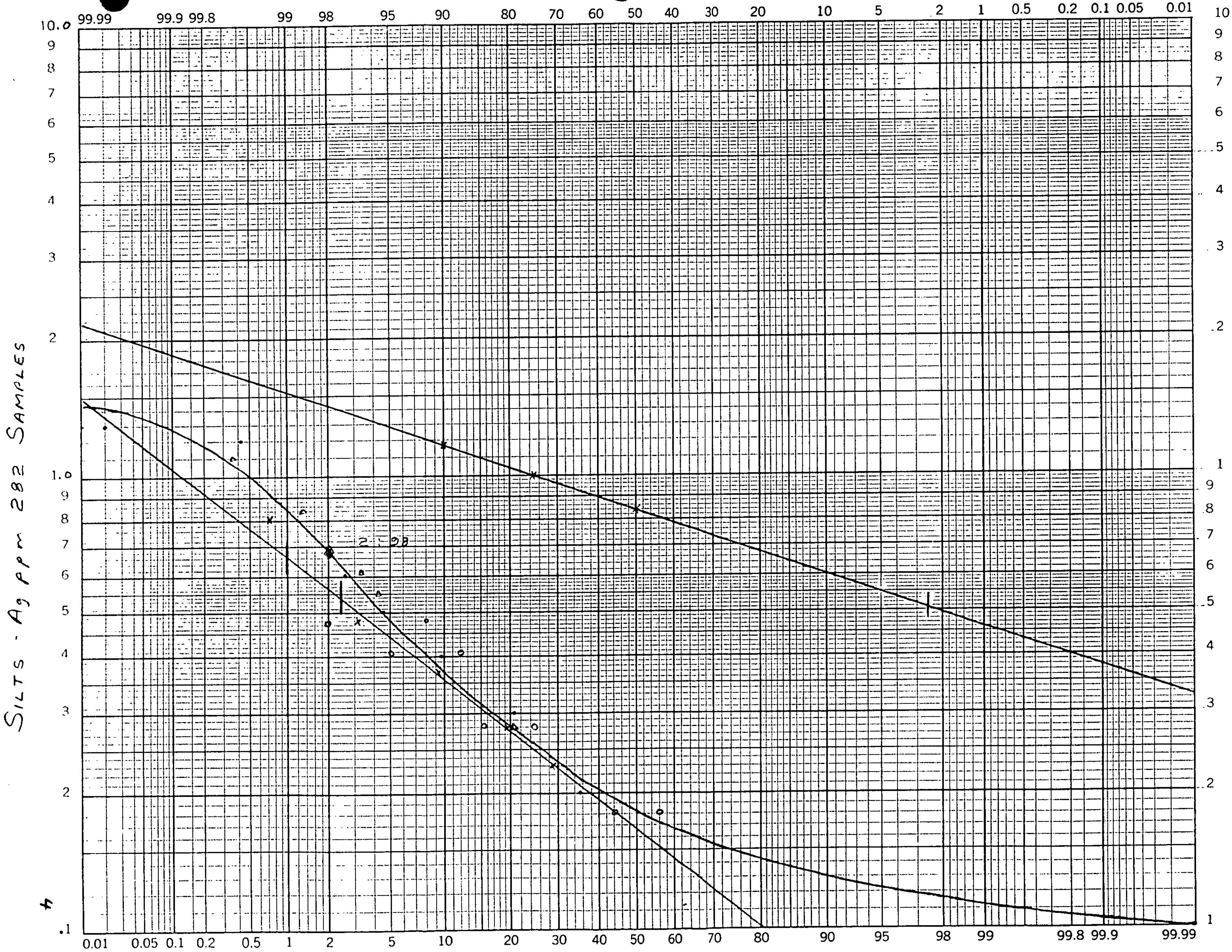
46 8040



ε

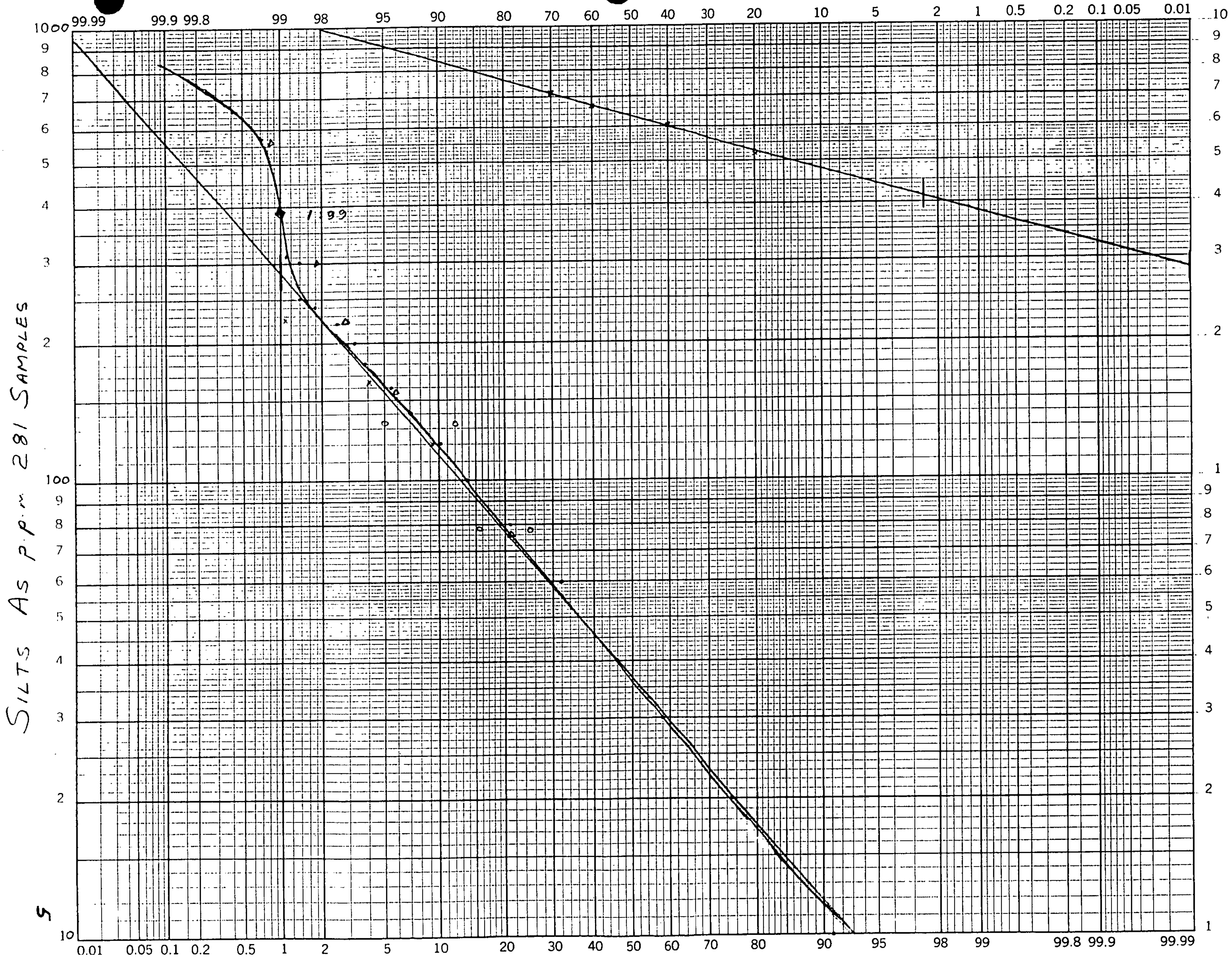
K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

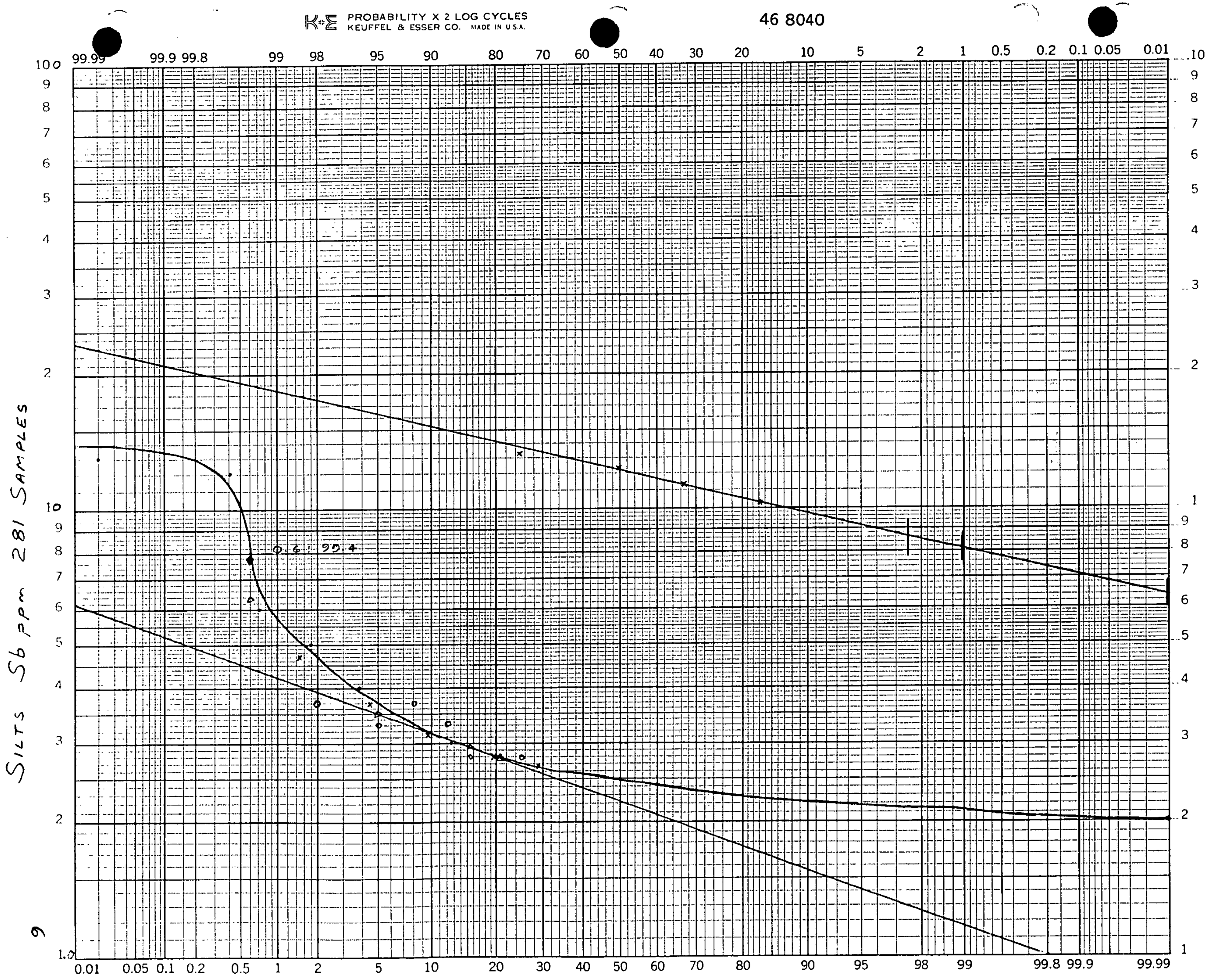
46 8040

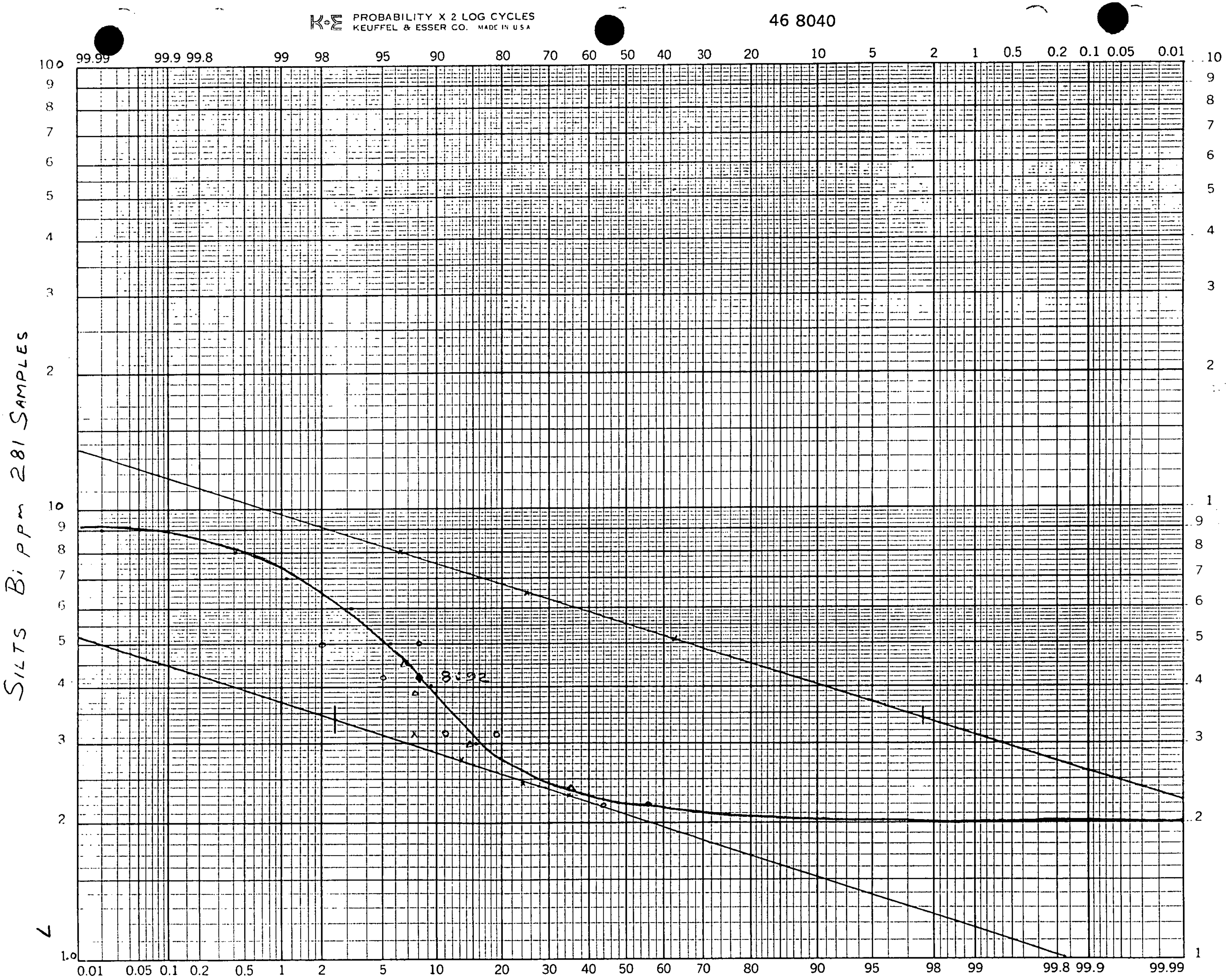


K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 8040

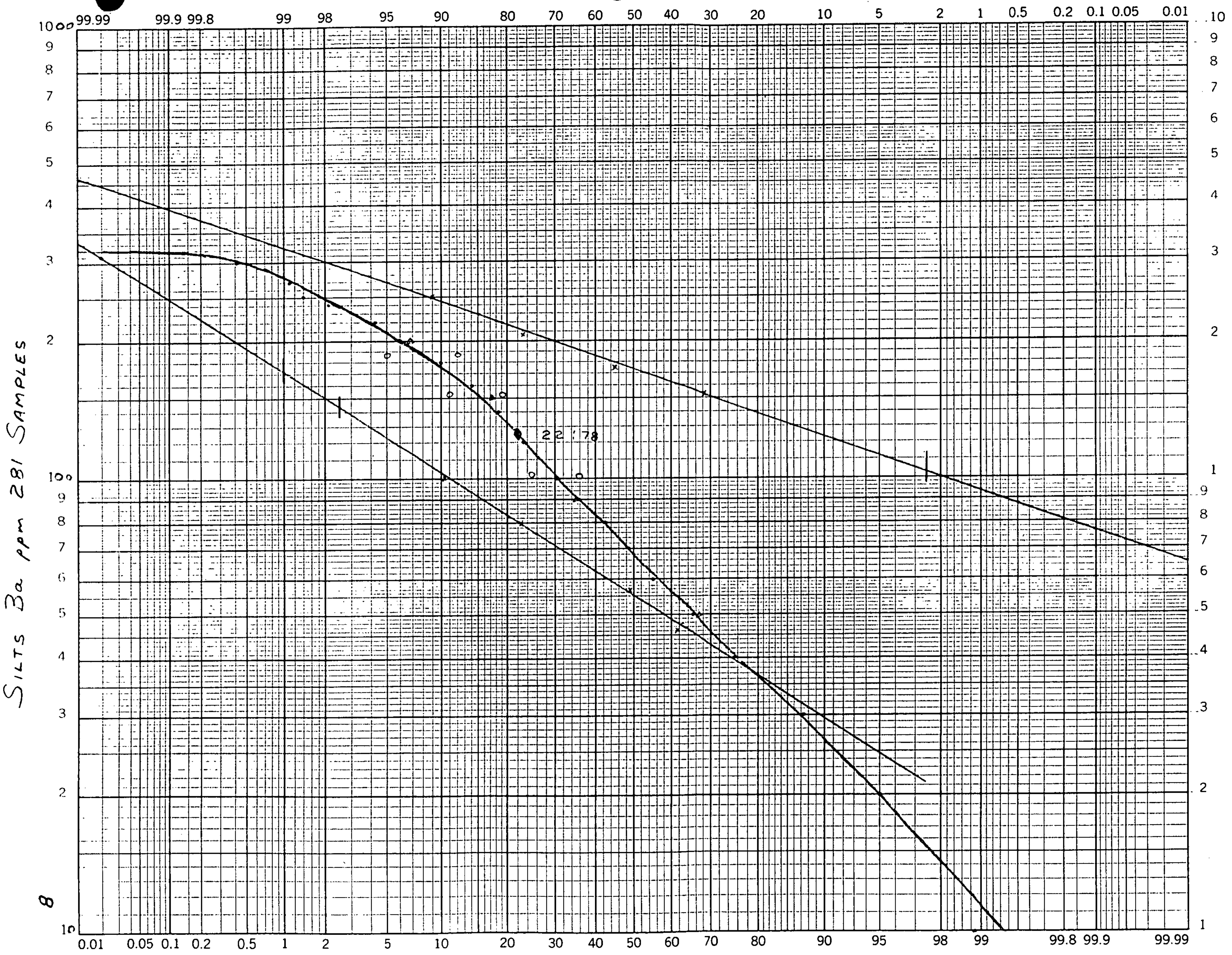



K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 8040
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
100 9 8 7 6 5 4 3 2 10 9 8 7 6 5 4 3 2 1.0
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2 1
Silts Sb ppm 281 Samples
0.6 : 95.4
9


K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 8040
SILTS Bi ppm 281 SAMPLES
8.92
L
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
100 9 8 7 6 5 4 3 2 10 9 8 7 6 5 4 3 2 1.0
10 9 8 7 6 5 4 3 2 1 9 8 7 6 5 4 3 2 1

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

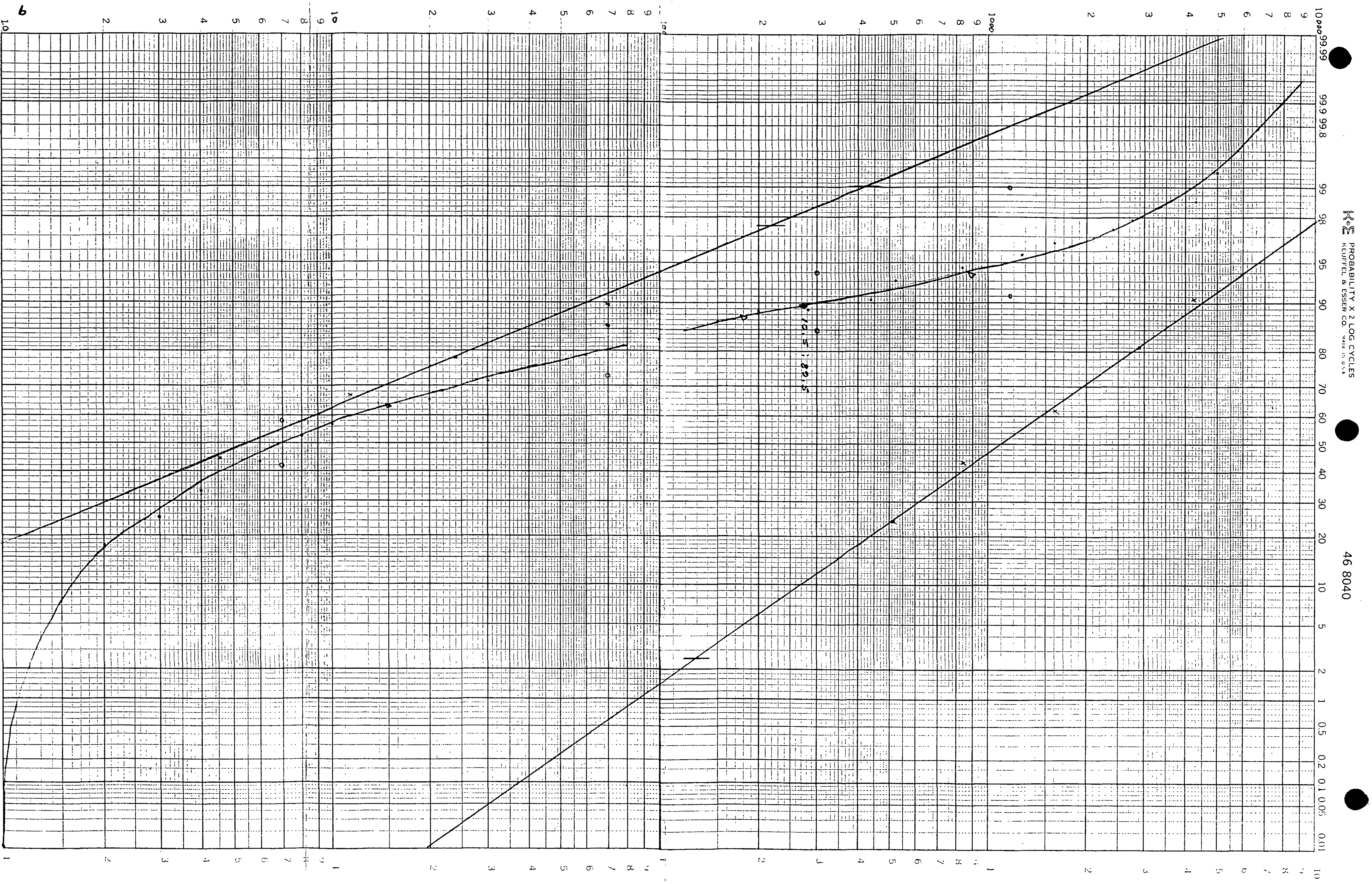
46 8040



Silts Ba ppm 281 Samples

8

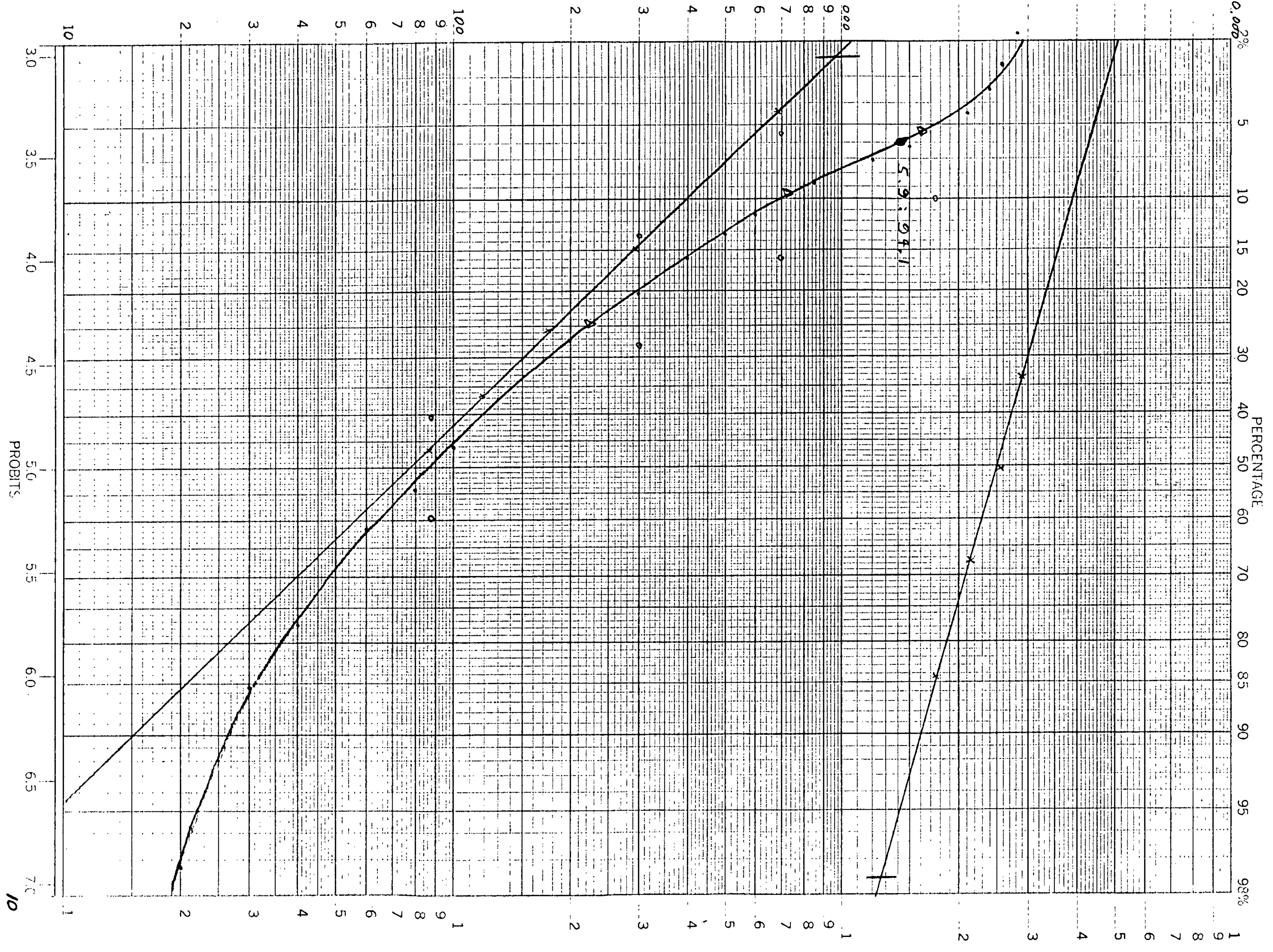
HEAVY MINERAL SAMPLES GOLD pp.b 144 SAMPLES



K+E PROBABILITY X 3 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

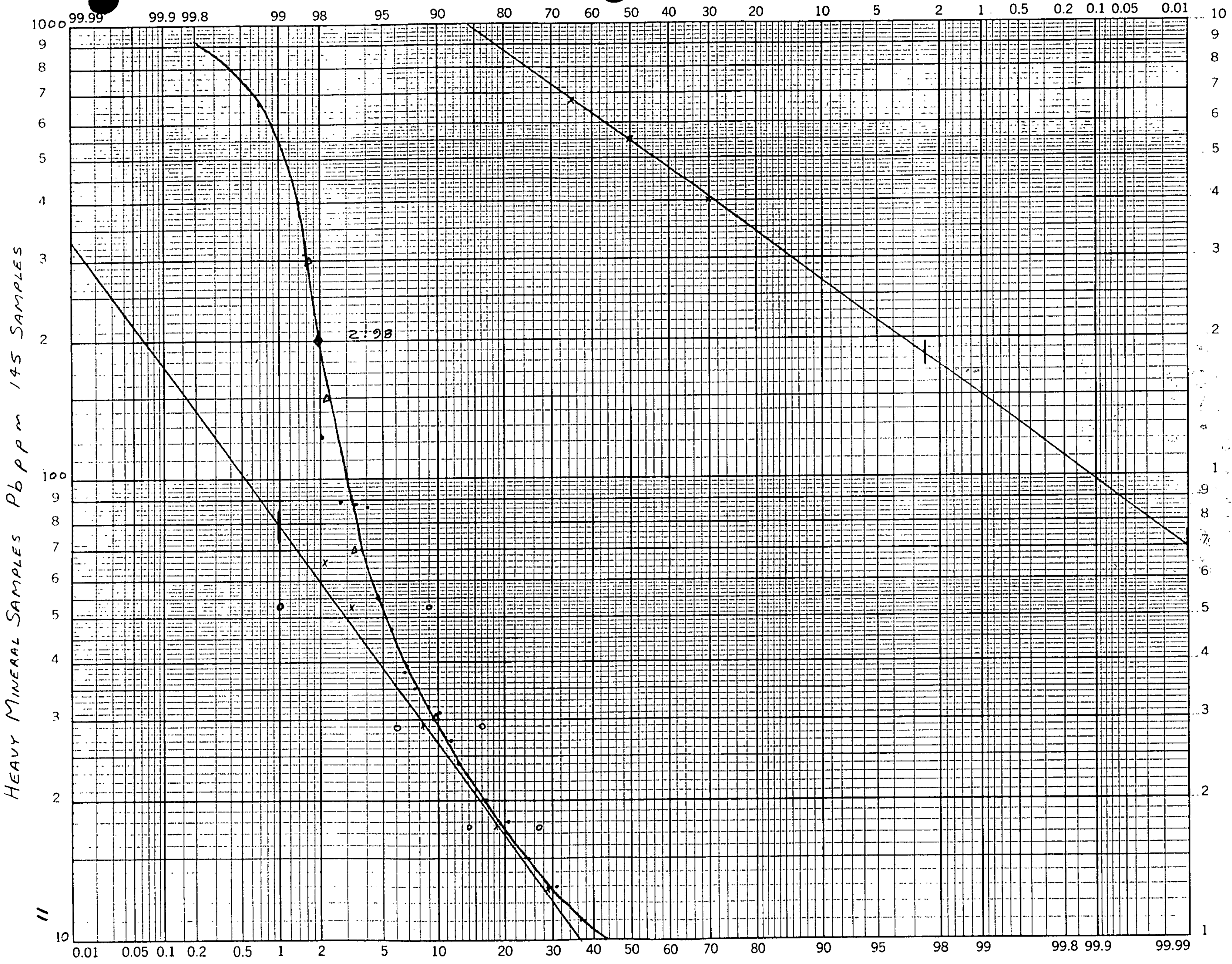
46 8080

HEAVY MINERAL SAMPLES Hg p.p.b 112 SAMPLES



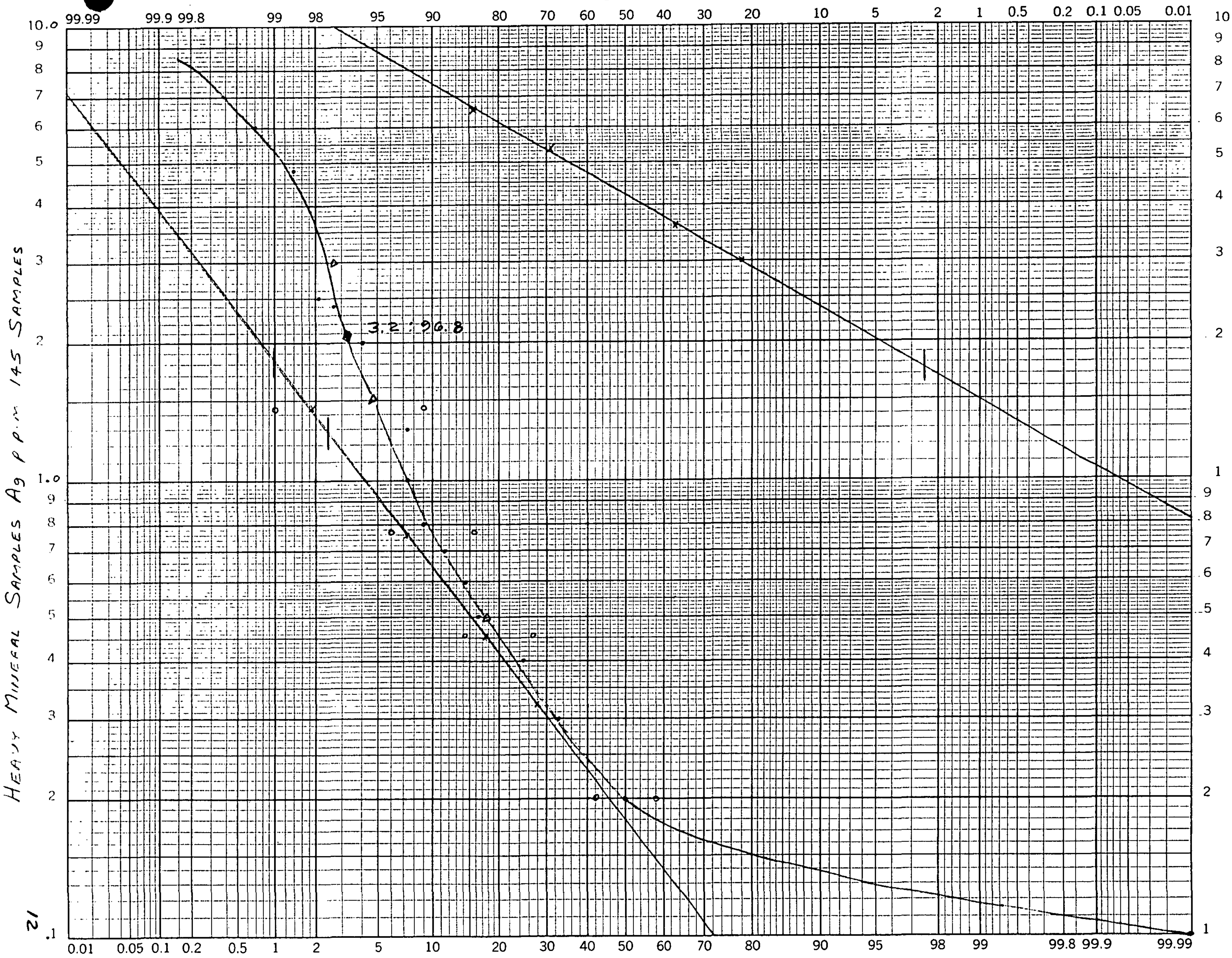
K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 8040



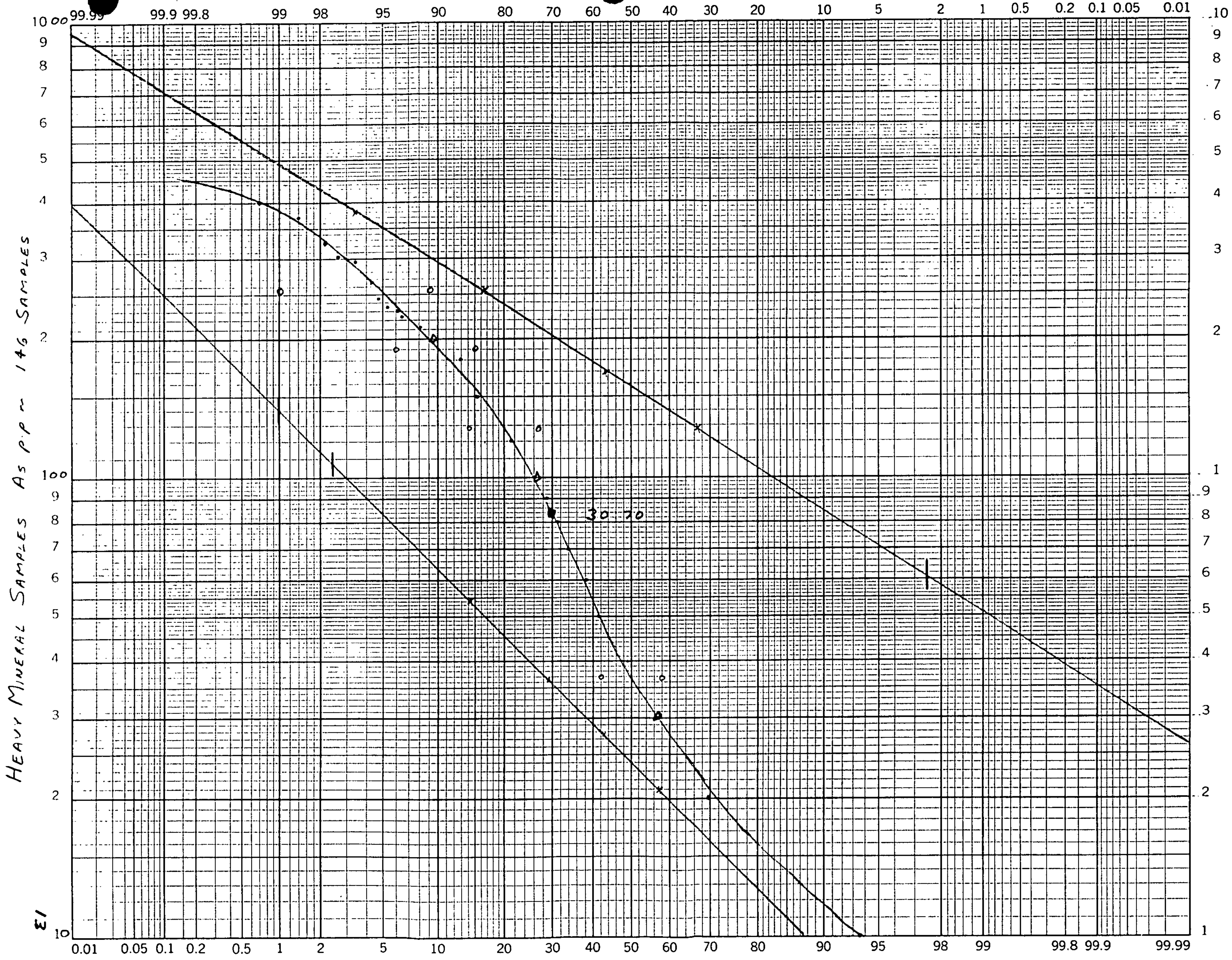
K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

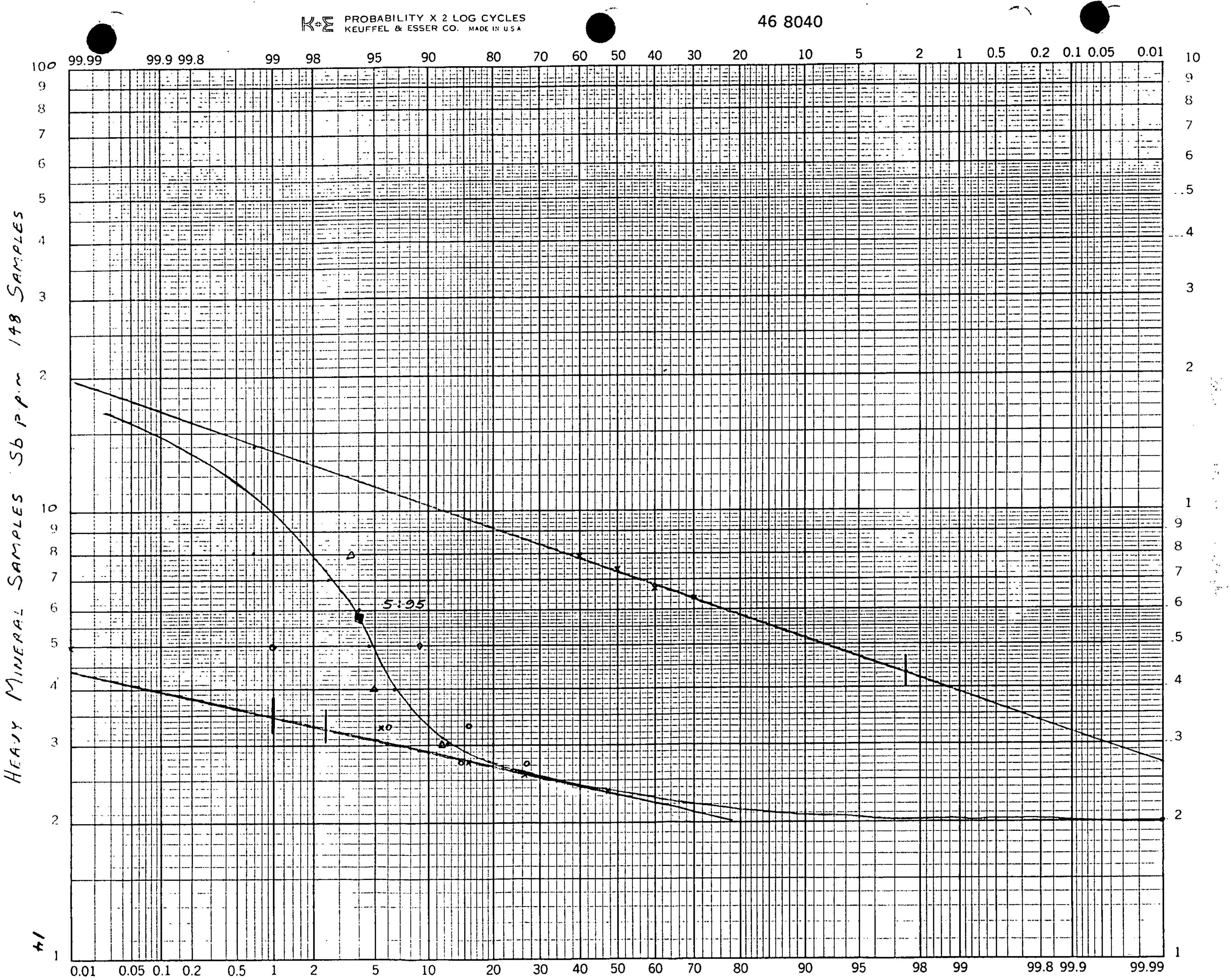
46 8040

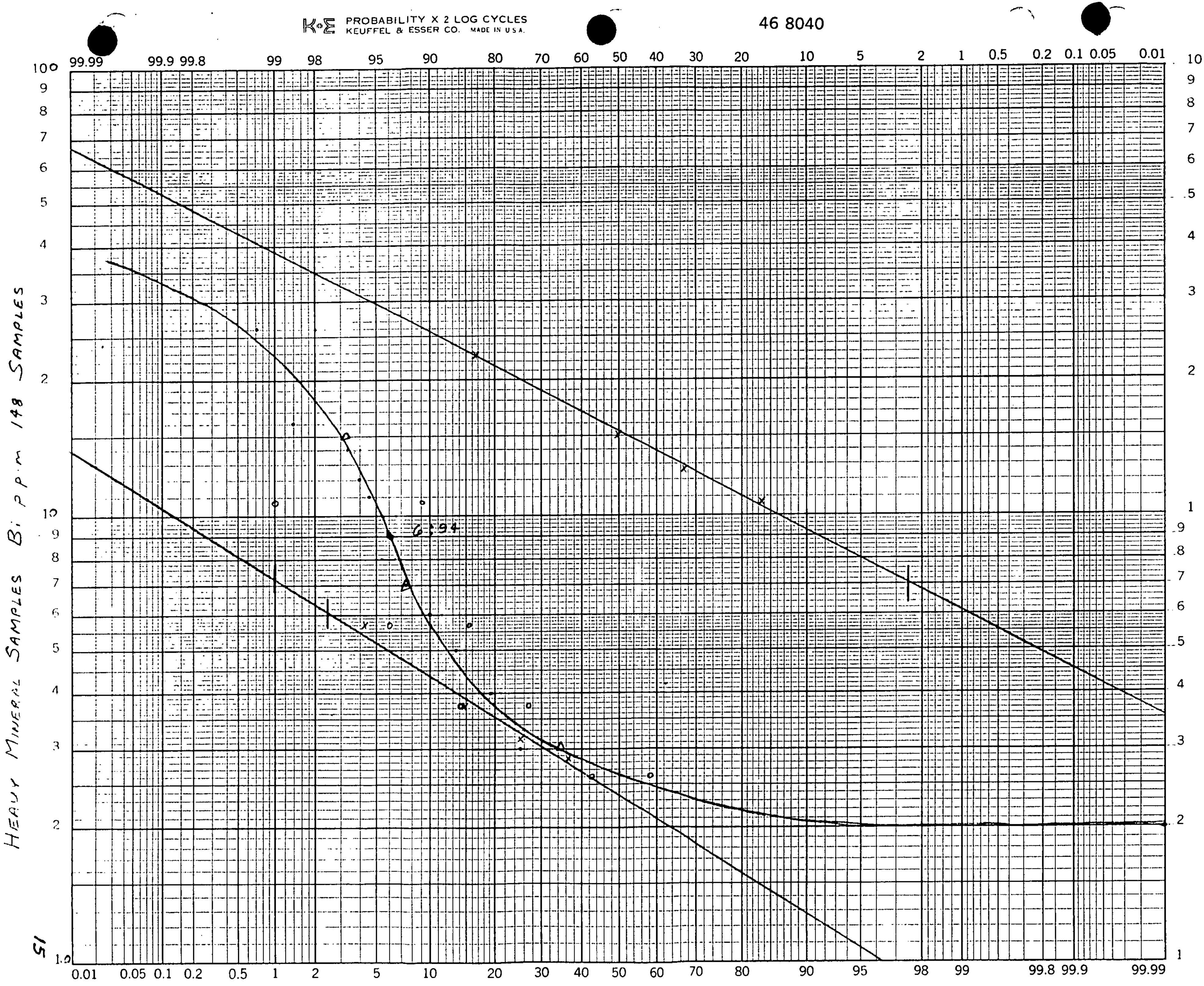


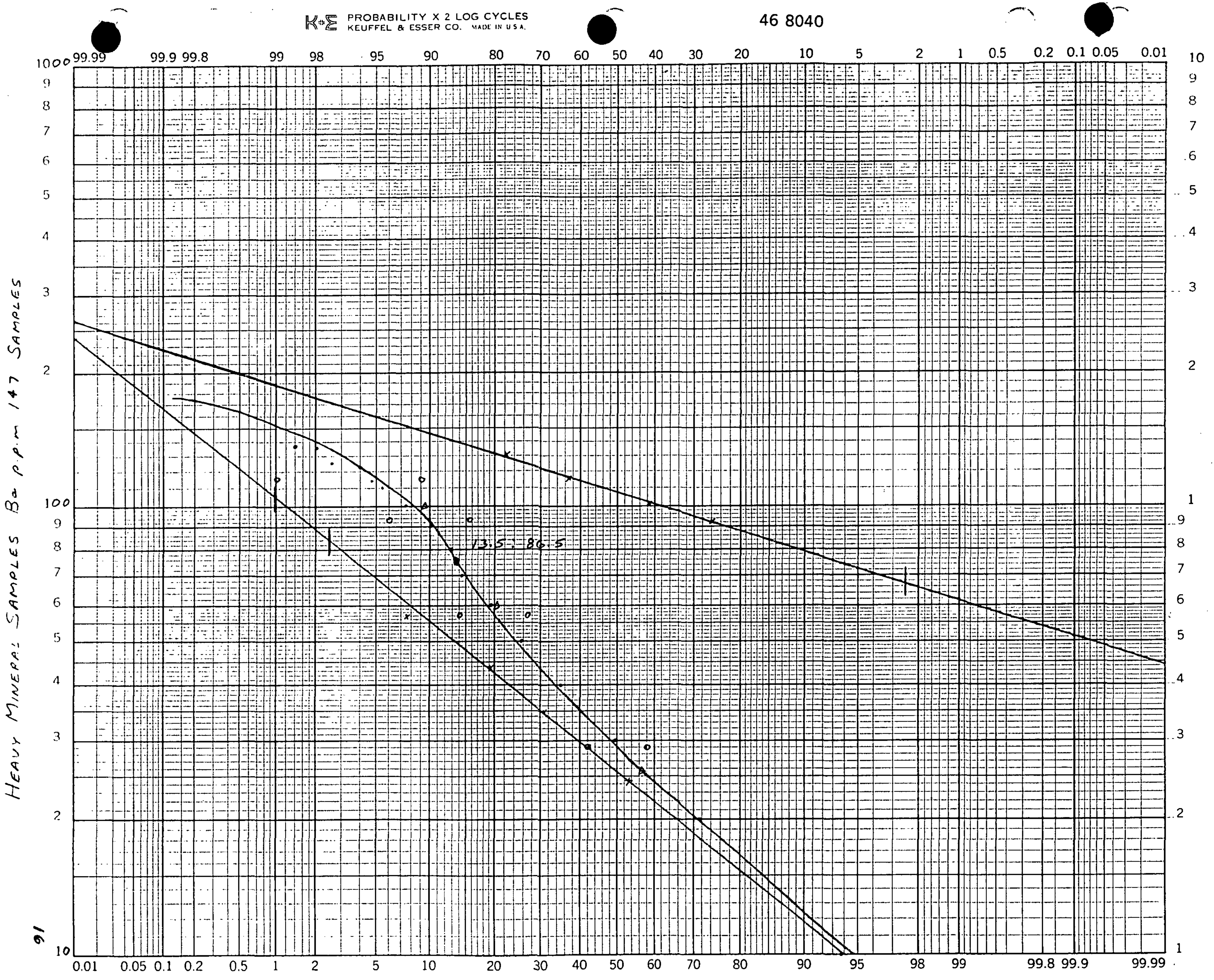
K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 8040



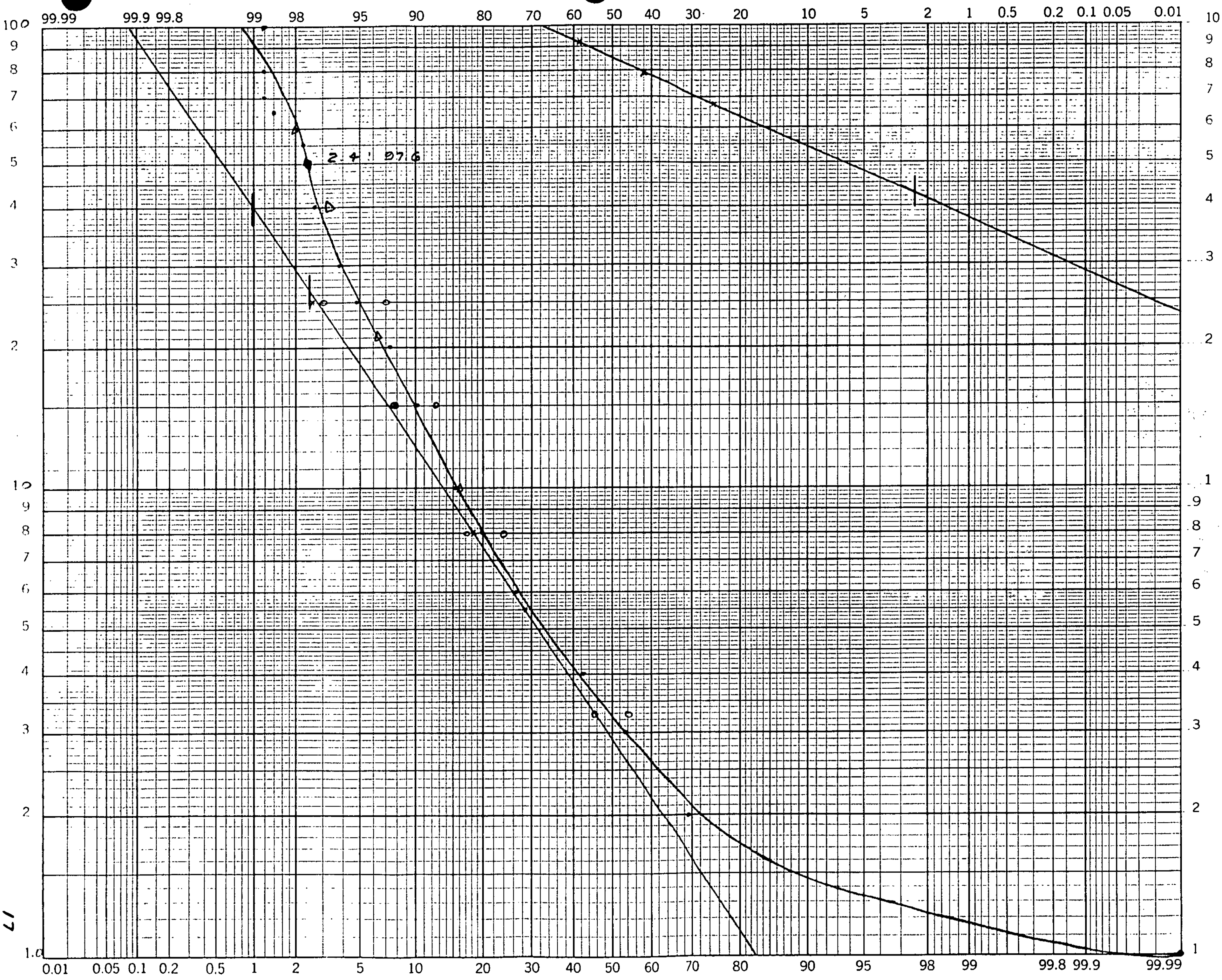

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 8040
Heavy Mineral Samples Sb p.p.m 148 Samples
5.95
99.99
99.9
99.8
99
98
95
90
80
70
60
50
40
30
20
10
5
2
1
0.5
0.2
0.1
0.05
0.01
100
10
9
8
7
6
5
4
3
2
1
41


K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 8040
HEAVY MINERAL SAMPLES Bi p.p.m 148 SAMPLES
6.94
99.99 99.9 99.8 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01
0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.8 99.9 99.99
100 9 8 7 6 5 4 3 2 10 9 8 7 6 5 4 3 2 1.0
10 9 8 7 6 .5 4 3 2 1 .9 .8 .7 .6 .5 .4 .3 .2 1


K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 8040
99.99
99.9
99.8
99
98
95
90
80
70
60
50
40
30
20
10
5
2
1
0.5
0.2
0.1
0.05
0.01
1000
100
10
HEAVY MINERAL SAMPLES Ba p.p.m 147 SAMPLES
13.5 : 86.5
0.01
0.05
0.1
0.2
0.5
1
2
5
10
20
30
40
50
60
70
80
90
95
98
99
99.8
99.9
99.99

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

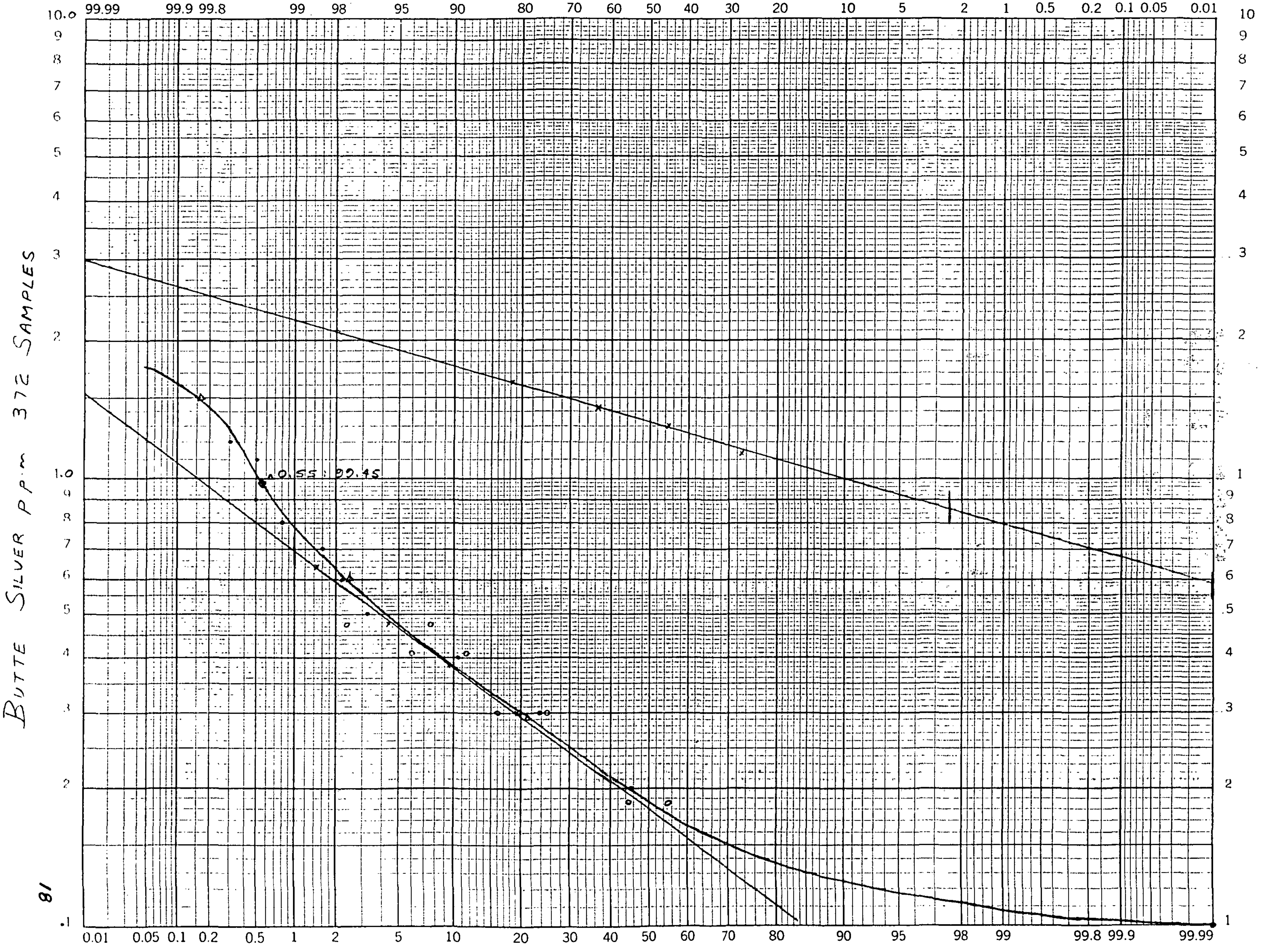
46 8040

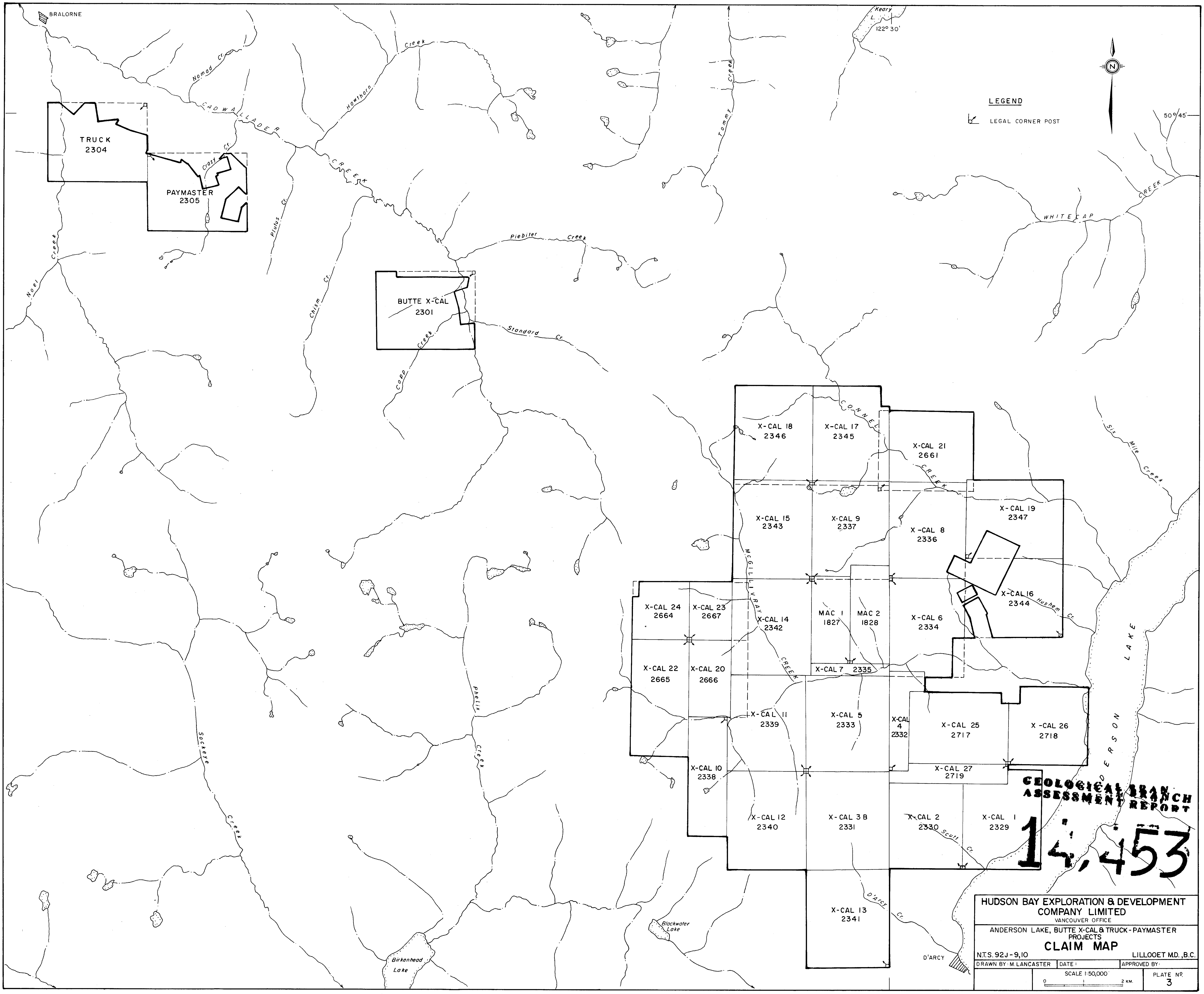


BUTTE SOILS Au ppb 508 SAMPLES

K+E PROBABILITY X 2 LOG CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 8040


BUTTE SILVER PPM 372 SAMPLES



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,453

HUDSON BAY EXPLORATION & DEVELOPMENT
COMPANY LIMITED
VANCOUVER OFFICE

ANDERSON LAKE, BUTTE X-CAL & TRUCK-PAYMASTER
PROJECTS

CLAIM MAP

N.T.S. 92J-9,10
LILLOOET M.D., B.C.

DRAWN BY: M. LANCASTER
DATE:
APPROVED BY:

SCALE 1:50,000
0 1 2 KM.

PLATE Nº.
3

## LEGEND

EOCENE

| | |
|---|---|
| 7 | Miarolitic granite |

TERTIARY & UPPER CRETACEOUS

| | |
|---|---|
| 6 | INTRUSIVE ROCKS : Granodiorite, quartz diorite ; 6a, aplite dyke ; 6b, feldspar porphyry dyke, hornblende porphyry dyke, lamprophyre dyke. |

UPPER TRIASSIC

| | |
|---|---|
| 5 | HURLEY FORMATION : Thin-bedded argillite, phyllite, greywacke, tuff, andesite ; minor limestone rhyolite ; 5a, mainly sediments ; 5b, mainly volcanics |
| 4 | PIONEER FORMATION : Greenstone, andesitic to basaltic flows and pyroclastics ; 4a, BRALORNE INTRUSIVES : augite diorite, gabbro, amphibolite, greenstone (intrusive and dioritized equivalents of 4). |
| 3 | NOEL FORMATION : Thin-bedded argillite, tuffs ; minor chert and greenstone. |

TRIASSIC AND JURASSIC AND OLDER (?)

| | |
|---|---|
| 2 | Ultramafic rocks : serpentine, harzburgite, peridotite, diorite |
| 1 | BRIDGE RIVER (FERGUSSON) GROUP : Argillite, phyllite, greenstone, basalt ; minor chert, limestone, pyroclastics, serpentine and serpentinized peridotite ; 1a, mainly sediments ; 1b, mainly volcanics. |

## MAP SYMBOLS

OUTCROP BOUNDARY (approximate)
GEOLOGICAL BOUNDARY (definite, approximate, assumed)
BEDDING (inclined, vertical) 60
FOLIATION, SCHISTOSITY (inclined, vertical) 60
FAULT (definite, approximate, assumed)
RAILROAD, ROAD, TRAIL
ADIT, PIT , P
HORNFELS
LISTWANITE XXXXX
SILICIFICATION S
VEIN V
ROCK SAMPLE LOCATION △
LEGAL CORNER POST L.C.P.

**HUDSON BAY EXPLORATION & DEVELOPMENT**
**COMPANY LIMITED**
VANCOUVER OFFICE

## BUTTE X-CAL PROJECT
## GEOLOGICAL MAP

N.T.S. 92J-10
LILLOOET M.D., B.C.

DRAWN BY: M. LANCASTER
DATE: NOV. 1985
APPROVED BY:

SCALE 1:2500
0 50 150 metres

PLATE No. [redacted] 4

## LEGEND

- ○ SOIL SAMPLE LOCATION
- □ SILT SAMPLE LOCATION
- ◇ HEAVY MINERAL SAMPLE LOCATION
- △ ROCK SAMPLE LOCATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,453

HUDSON BAY EXPLORATION & DEVELOPMENT
COMPANY LIMITED
VANCOUVER OFFICE

BUTTE X-CAL PROJECT

# SAMPLE NUMBER MAP

N.T.S. 92 J-10
LILLOOET M.D., B.C.

DRAWN BY: M. LANCASTER
DATE: NOV. 1985
APPROVED BY:

SCALE 1:2500
0 50 150 metres

PLATE Nº. [redacted] 5

## LEGEND

○ SOIL SAMPLE LOCATION

□ SILT SAMPLE LOCATION

◇ HEAVY MINERAL SAMPLE LOCATION

△ ROCK SAMPLE LOCATION

GEOCHEM. RESULTS PLOTTED

○ Au ppb , Ag ppm
□,◇ Au ppb, Hg ppb , Pb ppm, Ag ppm , As ppm, Sb ppm, Bi ppm ,Ba ppm
△ Au ppb, Hg ppb, Ag ppm, As ppm ,Sb ppm

○□◇△ Au background
◔◘◇▲ Au threshold
◑◧◆▲ Au 2nd order anomaly
●■◆▲ Au 1st. order anomaly

9 Hg , Pb, Ag , As, Sb, Bi , Ba background
12 Hg , Pb , Ag, As, Sb ,Bi, Ba threshold
30 Hg , Pb , Ag , As ,Sb, Bi , Ba 2nd order anomaly
120 Hg, Pb ,Ag , As , Sb ,Bi ,Ba 1st order anomaly

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

14,453

HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED
VANCOUVER OFFICE

BUTTE X-CAL PROJECT
# GEOCHEMICAL RESULTS

N.T.S. 92J-10
LILLOOET M.D., B.C.

DRAWN BY: M.LANCASTER
DATE: NOV. 1985
APPROVED BY:

SCALE 1:2500
0 50 150 metres

PLATE Nº. [redacted] 6