

GEOLOGICAL SURVEY OF CANADA

OPEN FILE 3091

Till geochemistry, southern Melville Peninsula, District of Franklin, Northwest Territories (NTS 46 I, J, K, L, M, N, O, P)

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Introduction

This Open File report releases data sets relating to till geochemistry in Southern Melville Peninsula (NTS 46 I, J, K, L, M, N, O, P). Terrain Sciences Division of the Geological Survey of Canada began field mapping of the Quaternary geology of this area in 1990. Till sampling was an integral part of the project. The purpose of this report is to release geochemical data from the till sampling programme to characterize the composition of glacial materials, and to establish regional background concentrations of selected trace and minor elements for mineral exploration and environmental baseline studies. The elements analysed are listed in Table 1. Interpretive reports and surficial geology maps (GSC maps 1847A to 1851A, at 1: 200 000, 1995a-e) for this region, complementary to this report, are published separately. A final report containing detailed interpretations of the data presented here, and their relationship to Quaternary geology of the area will be published later.

The open file includes the following: sample location information, till geochemical data, quality control data, summary statistics, and histograms and proportional dot maps showing distributions of concentrations of selected elements. The till geochemical data and introduction of this report are available in digital format (Excel 3.0 and .CSV).

Bedrock geology

The bedrock geology was mapped on a reconnaissance scale by Heywood (1967). Frisch (1982) and Henderson (1983) have remapped parts of the area in more detail. Map 1 shows the general distribution of rock types, as well as locations of known mineralization. Archaean basement rocks (unit 1) consist mainly of granite, granitic gneiss and migmatite. Archaean volcanics and related metasediments of the Prince Albert Group are present in the area, but most outcrops are too small to show on the regional map. A belt of more recent Precambrian metasediments, the Penrhyn Group (unit 2), is composed of marble, paragneiss, and schist. Numerous gossans have developed where the Penrhyn Group rocks are in contact with older rock types. Paleozoic limestone and dolomite (unit 3) are restricted to the eastern and western coasts of southern Melville Peninsula.

Quaternary geology

The Quaternary geology of this area has not yet been described in detail. The surface materials of the southern part of the peninsula differ markedly from those to the north, where regional ice from Foxe Basin deposited a thick blanket of calcareous till (Dredge, 1995a, in press). On Southern Melville Peninsula, in contrast, flow from regional Foxe Ice is only evident in the western part of the study area (Map 2). This ice flow, which was northwestward, generated a thick, drumlinized blanket of till originating from both local and distant rock sources. Most of Southern Melville Peninsula was covered by a number of local ice caps, each generating a radial ice flow pattern from its centre. Thus, most till originated locally, and has undergone little glacial transport. The result is a rocky landscape with thin bouldery till that closely reflects the composition of the underlying rock.

Methods

Field-More than 500 samples of 1-kg size were taken across the area (Map 3 and Table 2). Till samples were obtained from hand dug pits in mudboils, from a depth of about 0.5 m. This depth corresponds to a position well below the soil layer, but above the summer frost table. Sampling mudboils ensures that the material is unweathered.

Laboratory-The samples were centrifuged and decanted at the GSC Sedimentology Laboratory to obtain the <0.002 mm sized (clay) fraction, which was sent to Bondar-Clegg and Company, Ottawa, in 1990, and to Chemex Labs, Mississauga in 1991. This size fraction was chosen because it is commonly used for trace element geochemistry work, and because the clay sized material tends to absorb cations better than larger sized material, thus accentuating the concentrations of metals. All the clay-sized samples were digested in an aqua-regia solution (HCl and HNO₃); this digestion may be incomplete for aluminum, barium, beryllium, calcium, chromium, gallium, lanthanum, magnesium, potassium, scandium, sodium, strontium, thallium, titanium, and tungsten. Selected trace and minor elements (Table 1) were then analyzed by inductively coupled plasma - atomic emission spectroscopy (ICP-AES). The analyses are reported in Tables 3 and 4. Element concentrations below the detection limit are listed at half the detection level for the calculation of summary statistics and plotting of proportional symbol maps.

Quality control-Accuracy of geochemical analyses was monitored using a GSC till standard (SBA), which was inserted into the sample set at regular intervals, and by duplicate analysis of some field samples. The results of the duplicate analyses are listed in Tables 9, 10, and 11. The SBA standards suggest that arsenic and bismuth values vary

inconsistently in the 1991 samples. The duplicate results indicate that arsenic and silver values should be interpreted with caution in both the 1990 and 1991 data sets. Lead values are moderately variant. Reproducibility is good for other elements.

Results

Plots of regional concentrations for the trace elements listed in Table 1 are shown by histograms and proportional dot maps. Because most of the area was covered by local ice, the results mainly reflect the character of the underlying rocks. However, the relatively high concentrations of calcium in the western part of the peninsula are a result of distant ice flow from Foxe Basin. Anomalously high element concentrations, defined by the histograms, were found to correspond closely to the 99th percentile of the frequency distributions.

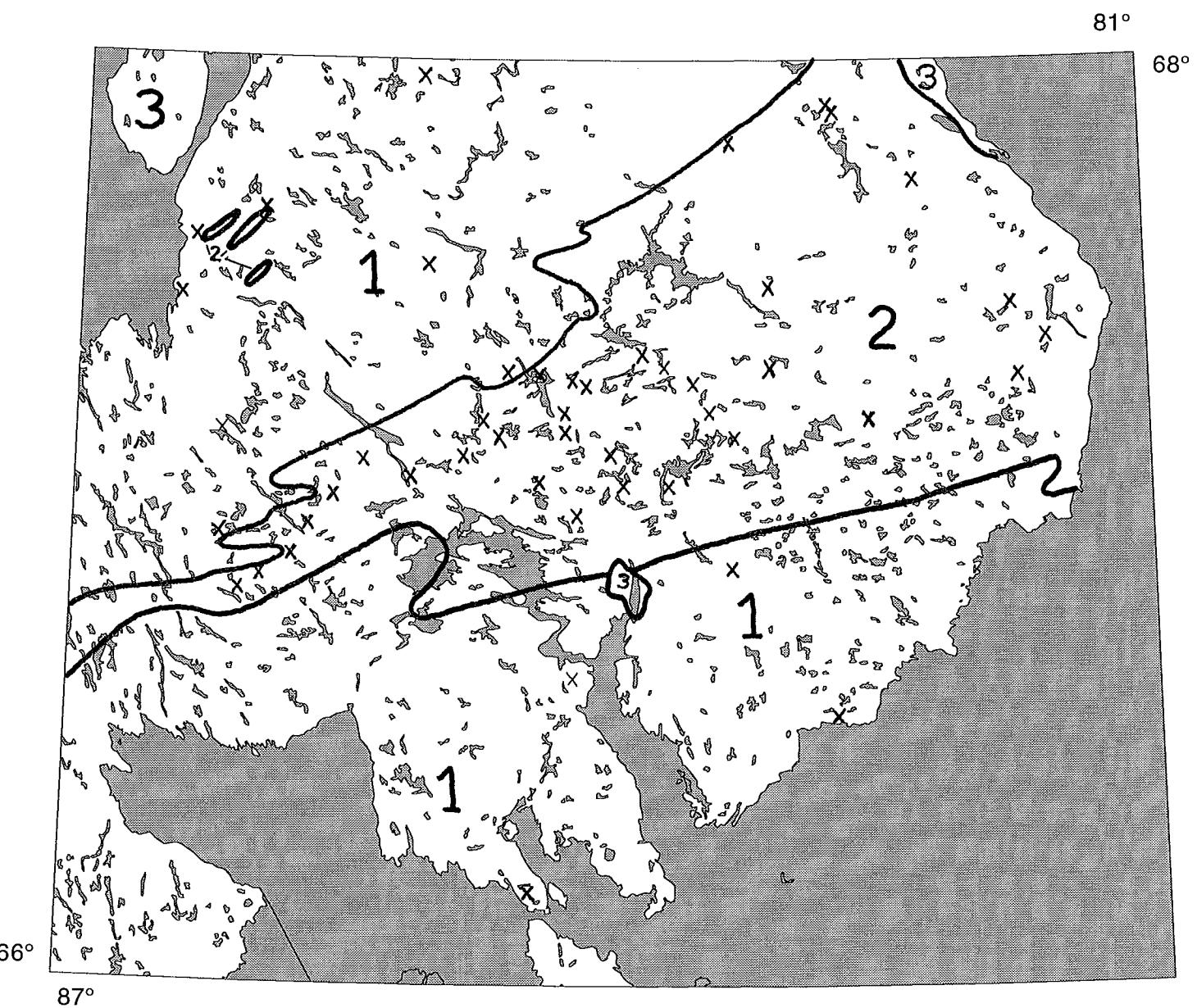
Correlation coefficients of $r > 0.147$ in Tables 7 and 8 indicate statistically significant correlations at the 99% confidence level. Combinations of Co-Mn-Ni, Cr-Ni-Fe, Ni-Zn, and Fe-Pb-Zn have “r-values” well above 0.5. Areas where these combinations are present may be of interest to mineral exploration, and may warrant further investigation.

The results from 1990 and 1991 are shown separately. The statistics reported in this open file are different for the 1990 and 1991 samples, which were analyzed by different laboratories. The difference is thought to be due to the distributions of parent rock types in the two areas, but lab differences cannot be ruled out since no field samples were analysed by both labs; however, the few SBA standards run by both labs suggest that the results from the two labs are comparable.

References

- Dredge, L. A.
1995 in press: Quaternary geology of northern Melville Peninsula, Northwest Territories. Geological Survey of Canada, Bulletin 484, in press.
- 1995a: Surficial geology, Lefroy Bay-Committee Bay, Northwest Territories. Geological Survey of Canada, Map 1847 A, scale 1: 200 000.
- 1995b: Surficial geology, Miertsching Lake, Northwest Territories. Geological Survey of Canada, Map 1848 A, scale 1: 200 000.
- 1995c: Surficial geology, Barrow River, Northwest Territories. Geological Survey of Canada, Map 1849 A, scale 1: 200 000.

- 1995d: Surficial geology, Repulse Bay-Hurd Channel, Northwest Territories.
Geological Survey of Canada, Map 1850 A, scale 1: 200 000.
- 1995e: Surficial geology, Winter Island, Northwest Territories. Geological Survey
of Canada, Map 1851 A, scale 1: 200 000.
- Heywood, W. W.
- 1967: Geological notes, northeastern District of Keewatin and southern Melville
Peninsula. Geological survey of Canada, Paper 66-40, 20p. with map 14-1966,
scale 1: 506, 880.
- Frisch, T. A.
- 1982: Precambrian geology of the Prince Albert Hills, western Melville
Peninsula, Northwest Territories. Geological Survey of Canada, Bulletin 346, 70p.
- Henderson, J. R.
- 1983: Structure and metamorphism of the Aphebian Penrhyn Group and its
Archean basin complex in the Lyon Inlet area. Geological Survey of Canada,
Bulletin 324, 50p.

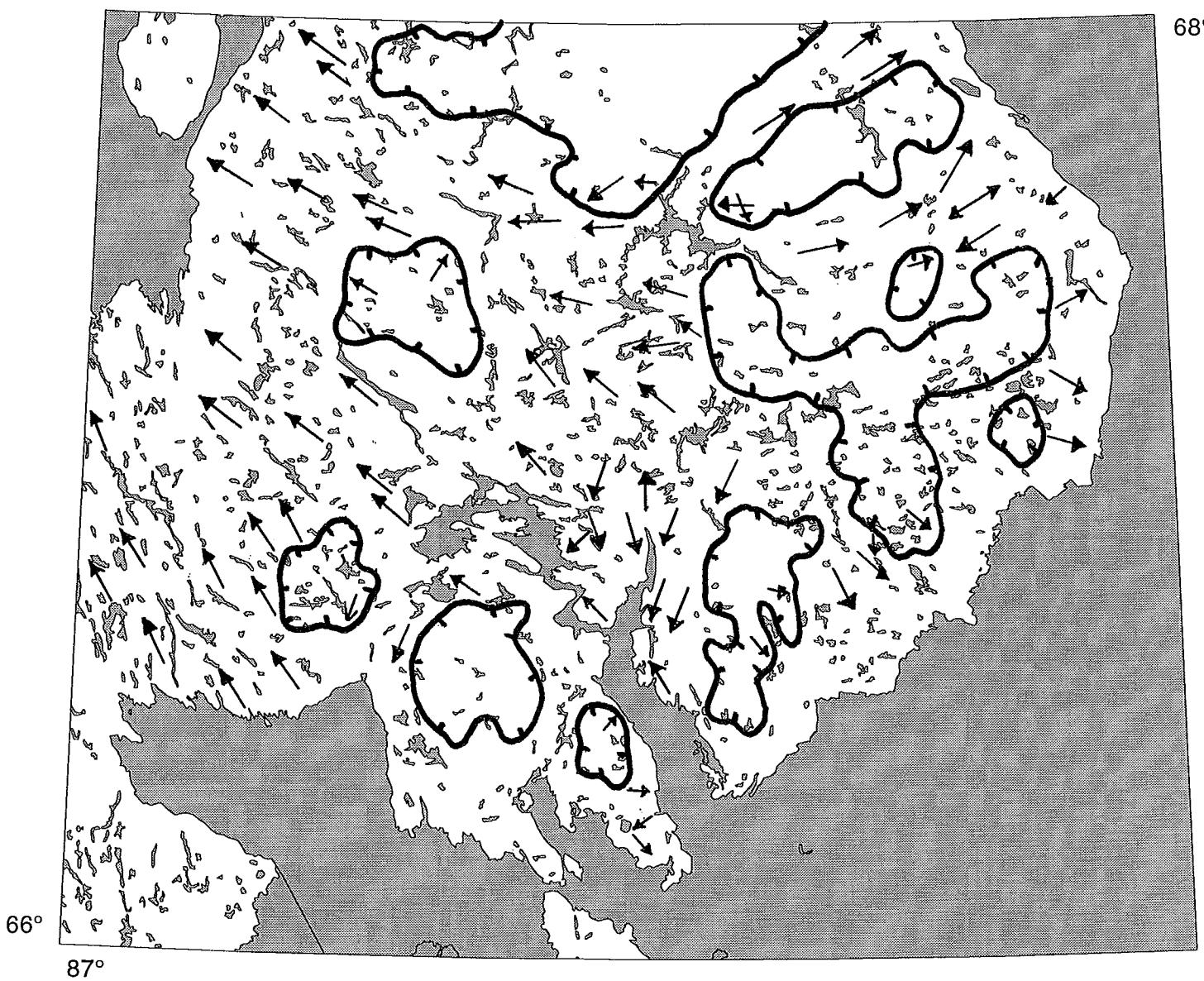


Map 1: Bedrock Geology, after Heywood (1967)

- 3 Paleozoic carbonate rocks
- 2 Precambrian marble, gneiss, and schist of the Penrhyn and Prince Albert Groups
- 1 Precambrian granite, granitoid gneiss and migmatite
- x Location of known iron sulphide mineralization

81°

68°

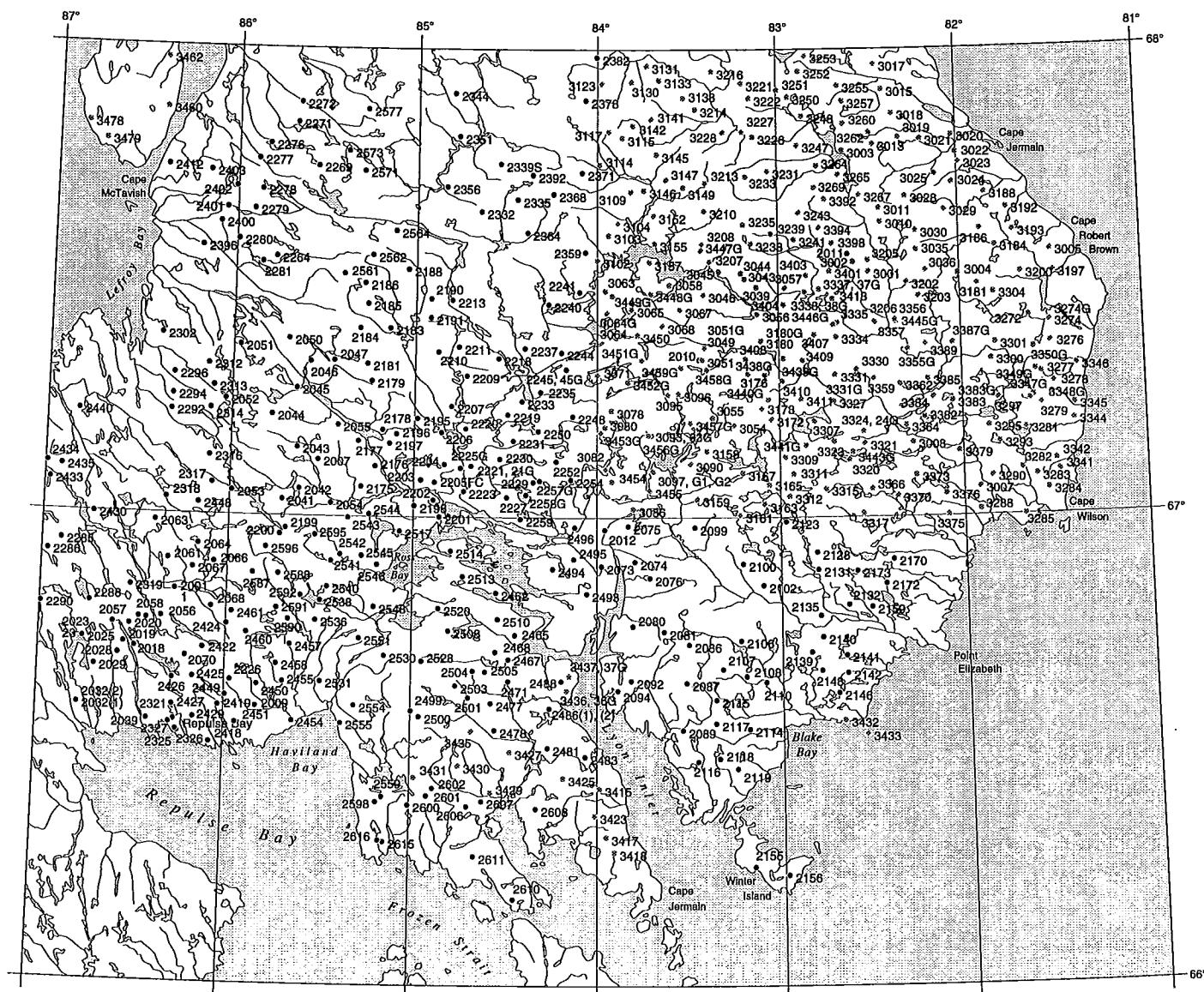


Map 2: Surficial geology, after Dredge (1995 a-e)

← Ice flow direction

○ Ice dispersal centres (ice caps)

Till Geochemistry of the South Melville Peninsula, N.W.T.



Map 3: Sample Locations

• (90-DU)2155 1990 samples

♦ (91-DU)3433

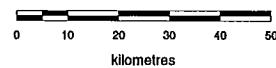


Table 1. Elements and detection limits

| Element | Detection level | Laboratory | Element | Detection level | Laboratory |
|---------|-----------------|--------------|---------|-----------------|--------------|
| Ag | 0.2 ppm | Bondar-Clegg | Mn | 1 ppm | Bondar-Clegg |
| Ag | 0.2 ppm | Chemex | Mn | 5 ppm | Chemex |
| Al | 0.01% | Bondar Clegg | Mo | 1 ppm | Bondar-Clegg |
| Al | 0.01% | Chemex | Mo | 1 ppm | Chemex |
| As | 5 ppm | Bondar-Clegg | Na | 0.01% | Bondar-Clegg |
| As | 5 ppm | Chemex | Na | 0.01% | Chemex |
| Ba | 2 ppm | Bondar-Clegg | Nb | 1 ppm | Bondar-Clegg |
| Ba | 10 ppm | Chemex | Ni | 1 ppm | Bondar-Clegg |
| Be | 0.5 ppm | Chemex | Ni | 1 ppm | Chemex |
| Bi | 5 ppm | Bondar-Clegg | Pb | 2 ppm | Bondar-Clegg |
| Bi | 2 ppm | Chemex | Pb | 2 ppm | Chemex |
| Ca | 0.01% | Bondar-Clegg | Sb | 5 ppm | Bondar-Clegg |
| Ca | 0.01% | Chemex | Sb | 2 ppm | Chemex |
| Cd | 0.2 ppm | Bondar-Clegg | Sc | 1 ppm | Chemex |
| Cd | 0.5 ppm | Chemex | Sn | 20 ppm | Bondar-Clegg |
| Co | 1 ppm | Bondar-Clegg | Sr | 1 ppm | Bondar-Clegg |
| Co | 1 ppm | Chemex | Sr | 1 ppm | Chemex |
| Cr | 1 ppm | Bondar-Clegg | Ta | 10 ppm | Bondar-Clegg |
| Cr | 1ppm | Chemex | Te | 10 ppm | Bondar Clegg |
| Cu | 1 ppm | Bondar-Clegg | Ti | 0.001% | Bondar-Clegg |
| Cu | 1 ppm | Chemex | Ti | 0.01 % | Chemex |
| Fe | 0.01% | Bondar-Clegg | Tl | 10 ppm | Chemex |
| Fe | 0.01% | Chemex | U | 10 ppm | Chemex |
| Ga | 2 ppm | Bondar-Clegg | V | 1 ppm | Bondar-Clegg |
| Ga | 10 ppm | Chemex | V | 1 ppm | Chemex |
| Hg | 1 ppm | Chemex | W | 20 ppm | Bondar-Clegg |
| K | 0.01% | Bondar-Clegg | W | 10 ppm | Chemex |
| K | 0.01% | Chemex | Y | 1 ppm | Bondar-Clegg |
| La | 1 ppm | Bondar-Clegg | Zn | 1 ppm | Bondar-Clegg |
| La | 10 ppm | Chemex | Zn | 2 ppm | Chemex |
| Li | 1 ppm | Bondar-Clegg | Zr | 1 ppm | Bondar-Clegg |
| Mg | 0.01% | Bondar-Clegg | | | |
| Mg | 0.01% | Chemex | | | |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2001 | 16 | 531800 | 7413500 | | 90-DU-2041 | 16 | 555900 | 7435700 |
| 90-DU-2002 | 16 | 515600 | 7451200 | | 90-DU-2042 | 16 | 559800 | 7438400 |
| 90-DU-2003 | 16 | 541600 | 7485500 | | 90-DU-2043 | 16 | 558900 | 7448300 |
| 90-DU-2004 | 16 | 530200 | 7499900 | | 90-DU-2044 | 16 | 552600 | 7456000 |
| 90-DU-2005 | 16 | 526000 | 7508500 | | 90-DU-2045 | 16 | 558200 | 7462400 |
| 90-DU-2006 | 16 | 564200 | 7499200 | | 90-DU-2046 | 16 | 561200 | 7468900 |
| 90-DU-2007 | 16 | 564000 | 7445500 | | 90-DU-2047 | 16 | 566800 | 7469400 |
| 90-DU-2008 | 16 | 550200 | 7394000 | | 90-DU-2048 | 16 | 562600 | 7477300 |
| 90-DU-2009 | 16 | 551800 | 7386300 | | 90-DU-2049 | 16 | 561600 | 7479800 |
| 90-DU-2010 | 17 | 395100 | 7471000 | | 90-DU-2050 | 16 | 555900 | 7474200 |
| 90-DU-2011 | 17 | 431200 | 7494900 | | 90-DU-2051 | 16 | 544500 | 7472300 |
| 90-DU-2012 | 17 | 370900 | 7431400 | | 90-DU-2052 | 16 | 541600 | 7459300 |
| 90-DU-2013 | 17 | 376100 | 7414100 | | 90-DU-2053 | 16 | 544000 | 7437400 |
| 90-DU-2014 | 17 | 377000 | 7414400 | | 90-DU-2054 | 16 | 567500 | 7435200 |
| 90-DU-2015 | 17 | 372300 | 7410100 | | 90-DU-2055 | 16 | 568400 | 7454000 |
| 90-DU-2016 | 17 | 373200 | 7426600 | | 90-DU-2056 | 16 | 528900 | 7406800 |
| 90-DU-2017 | 16 | 567100 | 7399300 | | 90-DU-2057 | 16 | 523600 | 7406400 |
| 90-DU-2018 | 16 | 522800 | 7399400 | | 90-DU-2058 | 16 | 525400 | 7406200 |
| 90-DU-2019 | 16 | 520200 | 7400300 | | 90-DU-2059 | 16 | 532700 | 7410000 |
| 90-DU-2020 | 16 | 521400 | 7404600 | | 90-DU-2060 | 16 | 525200 | 7419500 |
| 90-DU-2021 | 16 | 518500 | 7407300 | | 90-DU-2061 | 16 | 529900 | 7420700 |
| 90-DU-2022 | 16 | 515800 | 7407400 | | 90-DU-2062 | 16 | 520700 | 7427000 |
| 90-DU-2023 | 16 | 517500 | 7404900 | | 90-DU-2063 | 16 | 526500 | 7429600 |
| 90-DU-2024 | 16 | 515400 | 7400900 | | 90-DU-2064 | 16 | 536800 | 7424400 |
| 90-DU-2025 | 16 | 510500 | 7401200 | | 90-DU-2065 | 16 | 541300 | 7423400 |
| 90-DU-2026 | 16 | 507600 | 7405000 | | 90-DU-2066 | 16 | 540600 | 7420300 |
| 90-DU-2027 | 16 | 507700 | 7409300 | | 90-DU-2067 | 16 | 535800 | 7418800 |
| 90-DU-2028 | 16 | 519000 | 7397600 | | 90-DU-2068 | 16 | 540400 | 7409500 |
| 90-DU-2029 | 16 | 513500 | 7394700 | | 90-DU-2069 | 16 | 524400 | 7403100 |
| 90-DU-2030 | 16 | 508600 | 7395200 | | 90-DU-2070 | 16 | 534900 | 7397600 |
| 90-DU-2031 | 16 | 515600 | 7390800 | | 90-DU-2071 | 17 | 369400 | 7412900 |
| 90-DU-2032 | 16 | 509800 | 7385500 | | 90-DU-2072 | 17 | 370200 | 7417800 |
| 90-DU-2033 | 16 | 497500 | 7392000 | | 90-DU-2073 | 17 | 369700 | 7422800 |
| 90-DU-2034 | 16 | 494000 | 7388600 | | 90-DU-2074 | 17 | 377700 | 7423500 |
| 90-DU-2035 | 16 | 496900 | 7386500 | | 90-DU-2075 | 17 | 376500 | 7432000 |
| 90-DU-2036 | 16 | 491200 | 7380100 | | 90-DU-2076 | 17 | 381100 | 7419500 |
| 90-DU-2037 | 16 | 517000 | 7380500 | | 90-DU-2077 | 17 | 386200 | 7420000 |
| 90-DU-2038 | 16 | 519500 | 7381000 | | 90-DU-2078 | 17 | 389300 | 7415100 |
| 90-DU-2039 | 16 | 526400 | 7382300 | | 90-DU-2079 | 17 | 377100 | 7409100 |
| 90-DU-2040 | 16 | 509900 | 7383300 | | 90-DU-2080 | 17 | 376500 | 7408100 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2081 | 17 | 383900 | 7406500 | | 90-DU-2122 | 17 | 391500 | 7368100 |
| 90-DU-2082 | 17 | 377600 | 7401900 | | 90-DU-2123 | 17 | 414000 | 7431500 |
| 90-DU-2083 | 17 | 382000 | 7401500 | | 90-DU-2124 | 17 | 417500 | 7426500 |
| 90-DU-2084 | 17 | 385300 | 7403400 | | 90-DU-2125 | 17 | 422300 | 7430300 |
| 90-DU-2085 | 17 | 382900 | 7395100 | | 90-DU-2126 | 17 | 428600 | 7427700 |
| 90-DU-2086 | 17 | 389700 | 7403200 | | 90-DU-2127 | 17 | 422300 | 7425100 |
| 90-DU-2087 | 17 | 388700 | 7394100 | | 90-DU-2128 | 17 | 421000 | 7424000 |
| 90-DU-2088 | 17 | 382700 | 7389900 | | 90-DU-2129 | 17 | 425800 | 7421100 |
| 90-DU-2089 | 17 | 387300 | 7382900 | | 90-DU-2130 | 17 | 424100 | 7419500 |
| 90-DU-2090 | 17 | 380300 | 7385900 | | 90-DU-2131 | 17 | 421100 | 7419900 |
| 90-DU-2091 | 17 | 377600 | 7388100 | | 90-DU-2132 | 17 | 428000 | 7411300 |
| 90-DU-2092 | 17 | 375500 | 7395200 | | 90-DU-2133 | 17 | 425400 | 7412800 |
| 90-DU-2093 | 17 | 373800 | 7391900 | | 90-DU-2134 | 17 | 423700 | 7407100 |
| 90-DU-2094 | 17 | 372200 | 7393000 | | 90-DU-2135 | 17 | 421200 | 7408900 |
| 90-DU-2095 | 17 | 369700 | 7390700 | | 90-DU-2136 | 17 | 417700 | 7409100 |
| 90-DU-2096 | 17 | 370200 | 7396900 | | 90-DU-2137 | 17 | 415600 | 7405600 |
| 90-DU-2097 | 17 | 371200 | 7418100 | | 90-DU-2138 | 17 | 415500 | 7402000 |
| 90-DU-2098 | 17 | 378700 | 7407000 | | 90-DU-2139 | 17 | 418700 | 7400300 |
| 90-DU-2099 | 17 | 392300 | 7431000 | | 90-DU-2140 | 17 | 421500 | 7403800 |
| 90-DU-2100 | 17 | 403400 | 7421900 | | 90-DU-2141 | 17 | 426900 | 7399300 |
| 90-DU-2101 | 17 | 402800 | 7412800 | | 90-DU-2142 | 17 | 427000 | 7395100 |
| 90-DU-2102 | 17 | 408000 | 7416600 | | 90-DU-2143 | 17 | 431300 | 7392700 |
| 90-DU-2103 | 17 | 408000 | 7408000 | | 90-DU-2144 | 17 | 430800 | 7389100 |
| 90-DU-2104 | 17 | 403100 | 7409900 | | 90-DU-2145 | 17 | 429400 | 7390400 |
| 90-DU-2105 | 17 | 398500 | 7413600 | | 90-DU-2146 | 17 | 424700 | 7390400 |
| 90-DU-2106 | 17 | 402100 | 7403600 | | 90-DU-2147 | 17 | 421400 | 7394000 |
| 90-DU-2107 | 17 | 397500 | 7397000 | | 90-DU-2148 | 17 | 420900 | 7395900 |
| 90-DU-2108 | 17 | 403000 | 7395100 | | 90-DU-2149 | 17 | 418600 | 7387200 |
| 90-DU-2109 | 17 | 400000 | 7391900 | | 90-DU-2150 | 17 | 416200 | 7384700 |
| 90-DU-2110 | 17 | 407600 | 7393500 | | 90-DU-2151 | 17 | 411400 | 7389700 |
| 90-DU-2111 | 17 | 406200 | 7384500 | | 90-DU-2152 | 17 | 411800 | 7392200 |
| 90-DU-2112 | 17 | 407300 | 7381100 | | 90-DU-2153 | 17 | 400200 | 7357700 |
| 90-DU-2113 | 17 | 406000 | 7380500 | | 90-DU-2154 | 17 | 401000 | 7349700 |
| 90-DU-2114 | 17 | 403200 | 7382500 | | 90-DU-2155 | 17 | 403000 | 7349600 |
| 90-DU-2115 | 17 | 395600 | 7389800 | | 90-DU-2156 | 17 | 410900 | 7347400 |
| 90-DU-2116 | 17 | 390600 | 7375200 | | 90-DU-2157 | 17 | 410200 | 7343000 |
| 90-DU-2117 | 17 | 395300 | 7384200 | | 90-DU-2158 | 17 | 412400 | 7367700 |
| 90-DU-2118 | 17 | 395800 | 7375700 | | 90-DU-2159 | 17 | 433400 | 7410600 |
| 90-DU-2119 | 17 | 399900 | 7373100 | | 90-DU-2160 | 17 | 434600 | 7407300 |
| 90-DU-2120 | 17 | 399100 | 7376300 | | 90-DU-2161 | 17 | 436200 | 7404700 |
| 90-DU-2121 | 17 | 395000 | 7369500 | | 90-DU-2162 | 17 | 447300 | 7401900 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2163 | 17 | 447200 | 7409900 | | 90-DU-2204 | 16 | 593900 | 7445400 |
| 90-DU-2164 | 17 | 441900 | 7414900 | | 90-DU-2205 | 16 | 591800 | 7441100 |
| 90-DU-2165 | 17 | 444200 | 7413800 | | 90-DU-2206 | 16 | 592900 | 7453100 |
| 90-DU-2166 | 17 | 447400 | 7414800 | | 90-DU-2207 | 16 | 595000 | 7459400 |
| 90-DU-2167 | 17 | 453800 | 7425400 | | 90-DU-2208 | 16 | 599400 | 7459000 |
| 90-DU-2168 | 17 | 438700 | 7428700 | | 90-DU-2209 | 16 | 598300 | 7466800 |
| 90-DU-2169 | 17 | 437900 | 7424500 | | 90-DU-2210 | 16 | 591300 | 7472300 |
| 90-DU-2170 | 17 | 439000 | 7421800 | | 90-DU-2211 | 16 | 596100 | 7473700 |
| 90-DU-2171 | 17 | 435200 | 7420400 | | 90-DU-2212 | 16 | 594000 | 7484800 |
| 90-DU-2172 | 17 | 437000 | 7416100 | | 90-DU-2213 | 16 | 597100 | 7489100 |
| 90-DU-2173 | 17 | 430300 | 7419300 | | 90-DU-2214 | 16 | 603500 | 7476800 |
| 90-DU-2174 | 17 | 429300 | 7415400 | | 90-DU-2215 | 16 | 601800 | 7482700 |
| 90-DU-2175 | 16 | 574500 | 7439400 | | 90-DU-2216 | 16 | 600200 | 7491400 |
| 90-DU-2176 | 16 | 577600 | 7444400 | | 90-DU-2217 | 16 | 606700 | 7491400 |
| 90-DU-2177 | 16 | 573400 | 7450300 | | 90-DU-2218 | 16 | 605600 | 7471300 |
| 90-DU-2178 | 16 | 579000 | 7453200 | | 90-DU-2219 | 16 | 608400 | 7458000 |
| 90-DU-2179 | 16 | 575900 | 7464700 | | 90-DU-2220 | 16 | 598600 | 7454200 |
| 90-DU-2180 | 16 | 575500 | 7466900 | | 90-DU-2221 | 16 | 600300 | 7445300 |
| 90-DU-2181 | 16 | 574700 | 7468800 | | 90-DU-2222 | 16 | 597600 | 7440300 |
| 90-DU-2182 | 16 | 578500 | 7473900 | | 90-DU-2223 | 16 | 598800 | 7439200 |
| 90-DU-2183 | 16 | 579700 | 7477500 | | 90-DU-2224 | 16 | 597700 | 7437400 |
| 90-DU-2184 | 16 | 572600 | 7477300 | | 90-DU-2225 | 16 | 597800 | 7444700 |
| 90-DU-2185 | 16 | 574200 | 7483200 | | 90-DU-2226 | 16 | 545600 | 7392300 |
| 90-DU-2186 | 16 | 573300 | 7488100 | | 90-DU-2227 | 16 | 609100 | 7438200 |
| 90-DU-2187 | 16 | 581100 | 7489100 | | 90-DU-2228 | 16 | 616400 | 7439700 |
| 90-DU-2188 | 16 | 583400 | 7491700 | | 90-DU-2229 | 16 | 615200 | 7442100 |
| 90-DU-2189 | 16 | 582700 | 7485200 | | 90-DU-2230 | 16 | 607000 | 7447300 |
| 90-DU-2190 | 16 | 589000 | 7484900 | | 90-DU-2231 | 16 | 610000 | 7451800 |
| 90-DU-2191 | 16 | 589100 | 7480400 | | 90-DU-2232 | 16 | 615400 | 7457400 |
| 90-DU-2192 | 16 | 587100 | 7475000 | | 90-DU-2233 | 16 | 611600 | 7461300 |
| 90-DU-2193 | 16 | 582700 | 7470600 | | 90-DU-2234 | 16 | 607800 | 7462400 |
| 90-DU-2194 | 16 | 585600 | 7463300 | | 90-DU-2235 | 16 | 615900 | 7463700 |
| 90-DU-2195 | 16 | 587100 | 7456200 | | 90-DU-2236 | 16 | 608500 | 7471200 |
| 90-DU-2196 | 16 | 582300 | 7452300 | | 90-DU-2237 | 16 | 611700 | 7474000 |
| 90-DU-2197 | 16 | 580800 | 7450000 | | 90-DU-2238 | 16 | 609800 | 7479000 |
| 90-DU-2198 | 16 | 587300 | 7435300 | | 90-DU-2239 | 16 | 614100 | 7478700 |
| 90-DU-2199 | 16 | 557000 | 7428900 | | 90-DU-2240 | 16 | 616800 | 7484800 |
| 90-DU-2200 | 16 | 555700 | 7427400 | | 90-DU-2241 | 16 | 624000 | 7488100 |
| 90-DU-2201 | 16 | 593300 | 7432900 | | 90-DU-2242 | 16 | 621100 | 7481900 |
| 90-DU-2202 | 16 | 591700 | 7436800 | | 90-DU-2243 | 16 | 620600 | 7479400 |
| 90-DU-2203 | 16 | 588500 | 7441500 | | 90-DU-2244 | 16 | 620400 | 7473400 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2245 | 16 | 621700 | 7469400 | | 90-DU-2286 | 16 | 501400 | 7421700 |
| 90-DU-2246 | 16 | 624700 | 7463800 | | 90-DU-2287 | 16 | 510300 | 7416500 |
| 90-DU-2247 | 16 | 618700 | 7462100 | | 90-DU-2288 | 16 | 511800 | 7409800 |
| 90-DU-2248 | 16 | 623800 | 7458300 | | 90-DU-2289 | 16 | 502300 | 7411300 |
| 90-DU-2249 | 16 | 618100 | 7458200 | | 90-DU-2290 | 16 | 500300 | 7409100 |
| 90-DU-2250 | 16 | 615800 | 7454400 | | 90-DU-2291 | 16 | 522400 | 7451800 |
| 90-DU-2251 | 16 | 620500 | 7451600 | | 90-DU-2292 | 16 | 529100 | 7456300 |
| 90-DU-2252 | 16 | 620400 | 7447300 | | 90-DU-2293 | 16 | 530100 | 7458600 |
| 90-DU-2253 | 16 | 625200 | 7447200 | | 90-DU-2294 | 16 | 529300 | 7460000 |
| 90-DU-2254 | 16 | 624100 | 7443100 | | 90-DU-2295 | 16 | 524200 | 7463600 |
| 90-DU-2255 | 16 | 624600 | 7442500 | | 90-DU-2296 | 16 | 529400 | 7465000 |
| 90-DU-2256 | 16 | 624600 | 7438400 | | 90-DU-2297 | 16 | 525800 | 7466500 |
| 90-DU-2257 | 16 | 616700 | 7442500 | | 90-DU-2298 | 16 | 527200 | 7469100 |
| 90-DU-2258 | 16 | 613600 | 7439000 | | 90-DU-2299 | 16 | 525200 | 7470000 |
| 90-DU-2259 | 16 | 612600 | 7433200 | | 90-DU-2300 | 16 | 522700 | 7470700 |
| 90-DU-2260 | 16 | 556500 | 7483100 | | 90-DU-2301 | 16 | 524100 | 7474500 |
| 90-DU-2261 | 16 | 551200 | 7487100 | | 90-DU-2302 | 16 | 526200 | 7474400 |
| 90-DU-2262 | 16 | 550800 | 7488500 | | 90-DU-2303 | 16 | 526900 | 7483800 |
| 90-DU-2263 | 16 | 551500 | 7489000 | | 90-DU-2304 | 16 | 522400 | 7487300 |
| 90-DU-2264 | 16 | 552000 | 7493700 | | 90-DU-2305 | 16 | 527100 | 7486500 |
| 90-DU-2265 | 16 | 552600 | 7498100 | | 90-DU-2306 | 16 | 527900 | 7485600 |
| 90-DU-2266 | 16 | 560400 | 7497300 | | 90-DU-2307 | 16 | 527000 | 7496200 |
| 90-DU-2267 | 16 | 554500 | 7507200 | | 90-DU-2308 | 16 | 526000 | 7497300 |
| 90-DU-2268 | 16 | 559700 | 7513400 | | 90-DU-2309 | 16 | 542600 | 7481900 |
| 90-DU-2269 | 16 | 561000 | 7515500 | | 90-DU-2310 | 16 | 539500 | 7478400 |
| 90-DU-2270 | 16 | 553300 | 7518800 | | 90-DU-2311 | 16 | 540200 | 7473100 |
| 90-DU-2271 | 16 | 555700 | 7525600 | | 90-DU-2312 | 16 | 537300 | 7467500 |
| 90-DU-2272 | 16 | 556300 | 7530400 | | 90-DU-2313 | 16 | 538700 | 7462300 |
| 90-DU-2273 | 16 | 547400 | 7536500 | | 90-DU-2314 | 16 | 538200 | 7456900 |
| 90-DU-2274 | 16 | 545200 | 7536500 | | 90-DU-2315 | 16 | 540300 | 7451300 |
| 90-DU-2275 | 16 | 545200 | 7539000 | | 90-DU-2316 | 16 | 538400 | 7445600 |
| 90-DU-2276 | 16 | 549400 | 7520400 | | 90-DU-2317 | 16 | 539300 | 7439100 |
| 90-DU-2277 | 16 | 546900 | 7516700 | | 90-DU-2318 | 16 | 528800 | 7435200 |
| 90-DU-2278 | 16 | 548000 | 7509500 | | 90-DU-2319 | 16 | 521300 | 7414000 |
| 90-DU-2279 | 16 | 546400 | 7504800 | | 90-DU-2320 | 16 | 513300 | 7416300 |
| 90-DU-2280 | 16 | 543000 | 7497500 | | 90-DU-2321 | 16 | 532800 | 7382400 |
| 90-DU-2281 | 16 | 548800 | 7492300 | | 90-DU-2322 | 16 | 532900 | 7380400 |
| 90-DU-2282 | 16 | 549500 | 7490700 | | 90-DU-2323 | 16 | 532500 | 7380500 |
| 90-DU-2283 | 16 | 548700 | 7484300 | | 90-DU-2324 | 16 | 532600 | 7380000 |
| 90-DU-2284 | 16 | 514100 | 7427000 | | 90-DU-2325 | 16 | 533800 | 7379600 |
| 90-DU-2285 | 16 | 504500 | 7424400 | | 90-DU-2326 | 16 | 533400 | 7380000 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2327 | 16 | 531700 | 7381700 | | 90-DU-2367 | 16 | 612200 | 7510900 |
| 90-DU-2328 | 16 | 533200 | 7378300 | | 90-DU-2368 | 16 | 616700 | 7511000 |
| 90-DU-2329 | 16 | 590500 | 7493100 | | 90-DU-2369 | 16 | 617600 | 7513200 |
| 90-DU-2330 | 16 | 598400 | 7501900 | | 90-DU-2370 | 16 | 626000 | 7512900 |
| 90-DU-2331 | 16 | 596300 | 7505800 | | 90-DU-2371 | 16 | 623200 | 7516400 |
| 90-DU-2332 | 16 | 599900 | 7506100 | | 90-DU-2372 | 16 | 625900 | 7517200 |
| 90-DU-2333 | 16 | 602300 | 7508500 | | 90-DU-2373 | 16 | 620600 | 7520600 |
| 90-DU-2334 | 16 | 606300 | 7504000 | | 90-DU-2374 | 16 | 623700 | 7523000 |
| 90-DU-2335 | 16 | 608300 | 7509300 | | 90-DU-2375 | 16 | 619800 | 7526600 |
| 90-DU-2336 | 16 | 604900 | 7513600 | | 90-DU-2376 | 16 | 624800 | 7528500 |
| 90-DU-2337 | 16 | 598900 | 7513800 | | 90-DU-2377 | 16 | 619400 | 7530000 |
| 90-DU-2338 | 16 | 599900 | 7516600 | | 90-DU-2378 | 16 | 623200 | 7533600 |
| 90-DU-2339 | 16 | 603900 | 7517600 | | 90-DU-2379 | 16 | 618200 | 7535100 |
| 90-DU-2340 | 16 | 600000 | 7520100 | | 90-DU-2380 | 16 | 621500 | 7537400 |
| 90-DU-2341 | 16 | 600900 | 7525200 | | 90-DU-2381 | 16 | 624000 | 7540500 |
| 90-DU-2342 | 16 | 601300 | 7532300 | | 90-DU-2382 | 16 | 625300 | 7543900 |
| 90-DU-2343 | 16 | 599500 | 7537900 | | 90-DU-2383 | 16 | 614000 | 7542400 |
| 90-DU-2344 | 16 | 592400 | 7533800 | | 90-DU-2384 | 16 | 616700 | 7537400 |
| 90-DU-2345 | 16 | 590800 | 7538900 | | 90-DU-2385 | 16 | 616600 | 7531900 |
| 90-DU-2346 | 16 | 582500 | 7535700 | | 90-DU-2386 | 16 | 612000 | 7531800 |
| 90-DU-2347 | 16 | 586300 | 7530100 | | 90-DU-2387 | 16 | 609600 | 7529900 |
| 90-DU-2348 | 16 | 591300 | 7528900 | | 90-DU-2388 | 16 | 607500 | 7528900 |
| 90-DU-2349 | 16 | 595400 | 7528800 | | 90-DU-2389 | 16 | 605200 | 7527000 |
| 90-DU-2350 | 16 | 524200 | 7499600 | | 90-DU-2390 | 16 | 608000 | 7524200 |
| 90-DU-2351 | 16 | 593900 | 7523700 | | 90-DU-2391 | 16 | 612900 | 7523300 |
| 90-DU-2352 | 16 | 594300 | 7517800 | | 90-DU-2392 | 16 | 611600 | 7515300 |
| 90-DU-2353 | 16 | 588500 | 7519800 | | 90-DU-2393 | 16 | 609000 | 7515200 |
| 90-DU-2354 | 16 | 587700 | 7515900 | | 90-DU-2394 | 16 | 540900 | 7490200 |
| 90-DU-2355 | 16 | 585500 | 7514100 | | 90-DU-2395 | 16 | 538600 | 7488700 |
| 90-DU-2356 | 16 | 591500 | 7511600 | | 90-DU-2396 | 16 | 534700 | 7495700 |
| 90-DU-2357 | 16 | 586200 | 7505200 | | 90-DU-2397 | 16 | 535800 | 7496300 |
| 90-DU-2358 | 16 | 591000 | 7499900 | | 90-DU-2398 | 16 | 538400 | 7493600 |
| 90-DU-2359 | 16 | 624900 | 7497600 | | 90-DU-2399 | 16 | 535200 | 7501600 |
| 90-DU-2360 | 16 | 622800 | 7499500 | | 90-DU-2400 | 16 | 538600 | 7501500 |
| 90-DU-2361 | 16 | 620100 | 7502900 | | 90-DU-2401 | 16 | 540000 | 7504900 |
| 90-DU-2362 | 16 | 619300 | 7498000 | | 90-DU-2402 | 16 | 541900 | 7510000 |
| 90-DU-2363 | 16 | 613800 | 7499700 | | 90-DU-2403 | 16 | 535800 | 7513600 |
| 90-DU-2364 | 16 | 611000 | 7501600 | | 90-DU-2404 | 16 | 532900 | 7515300 |
| 90-DU-2365 | 16 | 614300 | 7505700 | | 90-DU-2405 | 16 | 539700 | 7519400 |
| 90-DU-2366 | 16 | 623100 | 7508200 | | 90-DU-2406 | 16 | 540800 | 7520800 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2407 | 16 | 533400 | 7529200 | | 90-DU-2448 | 16 | 536400 | 7434200 |
| 90-DU-2408 | 16 | 530600 | 7523400 | | 90-DU-2449 | 16 | 544600 | 7388600 |
| 90-DU-2409 | 16 | 528700 | 7521100 | | 90-DU-2450 | 16 | 551900 | 7391500 |
| 90-DU-2410 | 16 | 535300 | 7530700 | | 90-DU-2451 | 16 | 547200 | 7382200 |
| 90-DU-2411 | 16 | 541100 | 7540900 | | 90-DU-2452 | 16 | 550100 | 7382000 |
| 90-DU-2412 | 16 | 525900 | 7514500 | | 90-DU-2453 | 16 | 552500 | 7378200 |
| 90-DU-2413 | 16 | 524900 | 7512900 | | 90-DU-2454 | 16 | 560600 | 7383100 |
| 90-DU-2414 | 16 | 527000 | 7509600 | | 90-DU-2455 | 16 | 557900 | 7392400 |
| 90-DU-2415 | 16 | 526600 | 7506000 | | 90-DU-2456 | 16 | 562500 | 7397800 |
| 90-DU-2416 | 16 | 523600 | 7503000 | | 90-DU-2457 | 16 | 559300 | 7401200 |
| 90-DU-2417 | 16 | 523000 | 7518400 | | 90-DU-2458 | 16 | 556200 | 7396500 |
| 90-DU-2418 | 16 | 541300 | 7377300 | | 90-DU-2459 | 16 | 552100 | 7398100 |
| 90-DU-2419 | 16 | 543000 | 7386200 | | 90-DU-2460 | 16 | 548900 | 7403700 |
| 90-DU-2420 | 16 | 546000 | 7390800 | | 90-DU-2461 | 16 | 545300 | 7408500 |
| 90-DU-2421 | 16 | 541100 | 7396200 | | 90-DU-2462 | 16 | 607600 | 7415400 |
| 90-DU-2422 | 16 | 538900 | 7399700 | | 90-DU-2463 | 16 | 608400 | 7410300 |
| 90-DU-2423 | 16 | 541500 | 7401800 | | 90-DU-2464 | 16 | 607700 | 7406200 |
| 90-DU-2424 | 16 | 544200 | 7405500 | | 90-DU-2465 | 16 | 612600 | 7405500 |
| 90-DU-2425 | 16 | 536900 | 7392700 | | 90-DU-2466 | 16 | 616700 | 7399900 |
| 90-DU-2426 | 16 | 532100 | 7392200 | | 90-DU-2467 | 16 | 611300 | 7399700 |
| 90-DU-2427 | 16 | 532300 | 7385900 | | 90-DU-2468 | 16 | 608100 | 7401300 |
| 90-DU-2428 | 16 | 535300 | 7384200 | | 90-DU-2469 | 16 | 609100 | 7399700 |
| 90-DU-2429 | 16 | 537400 | 7383100 | | 90-DU-2470 | 16 | 607100 | 7392900 |
| 90-DU-2430 | 16 | 511900 | 7431000 | | 90-DU-2471 | 16 | 611500 | 7394500 |
| 90-DU-2431 | 16 | 494500 | 7434500 | | 90-DU-2472 | 16 | 609300 | 7394000 |
| 90-DU-2432 | 16 | 497000 | 7437600 | | 90-DU-2473 | 16 | 616200 | 7395400 |
| 90-DU-2433 | 16 | 501200 | 7438800 | | 90-DU-2474 | 16 | 617700 | 7389600 |
| 90-DU-2434 | 16 | 500400 | 7442700 | | 90-DU-2475 | 16 | 615300 | 7408400 |
| 90-DU-2435 | 16 | 503800 | 7442100 | | 90-DU-2476 | 16 | 613600 | 7388800 |
| 90-DU-2436 | 16 | 499200 | 7446100 | | 90-DU-2477 | 16 | 607600 | 7389100 |
| 90-DU-2437 | 16 | 491000 | 7443700 | | 90-DU-2478 | 16 | 608800 | 7382700 |
| 90-DU-2438 | 16 | 491800 | 7443800 | | 90-DU-2479 | 16 | 614300 | 7382000 |
| 90-DU-2439 | 16 | 501200 | 7450900 | | 90-DU-2480 | 16 | 616400 | 7379600 |
| 90-DU-2440 | 16 | 507400 | 7455500 | | 90-DU-2481 | 16 | 621600 | 7379000 |
| 90-DU-2441 | 16 | 505200 | 7465800 | | 90-DU-2482 | 16 | 627100 | 7378000 |
| 90-DU-2442 | 16 | 509400 | 7469100 | | 90-DU-2483 | 16 | 630700 | 7377300 |
| 90-DU-2443 | 16 | 510300 | 7475500 | | 90-DU-2484 | 16 | 625700 | 7382900 |
| 90-DU-2444 | 16 | 514600 | 7461800 | | 90-DU-2485 | 16 | 623900 | 7386500 |
| 90-DU-2445 | 16 | 515500 | 7459900 | | 90-DU-2486 | 16 | 621600 | 7388500 |
| 90-DU-2446 | 16 | 519900 | 7464700 | | 90-DU-2487 | 16 | 622800 | 7394700 |
| 90-DU-2447 | 16 | 520400 | 7460000 | | 90-DU-2488 | 16 | 624100 | 7395100 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2489 | 16 | 625300 | 7399400 | | 90-DU-2530 | 16 | 581800 | 7399400 |
| 90-DU-2490 | 16 | 624800 | 7404000 | | 90-DU-2531 | 16 | 566900 | 7392700 |
| 90-DU-2491 | 16 | 622800 | 7406500 | | 90-DU-2532 | 16 | 567400 | 7396200 |
| 90-DU-2492 | 16 | 624000 | 7410500 | | 90-DU-2533 | 16 | 570100 | 7398600 |
| 90-DU-2493 | 16 | 629200 | 7416200 | | 90-DU-2534 | 16 | 566400 | 7400100 |
| 90-DU-2494 | 16 | 620800 | 7421700 | | 90-DU-2535 | 16 | 567000 | 7402800 |
| 90-DU-2495 | 16 | 625700 | 7424300 | | 90-DU-2536 | 16 | 565100 | 7407200 |
| 90-DU-2496 | 16 | 625600 | 7431800 | | 90-DU-2537 | 16 | 567700 | 7407900 |
| 90-DU-2497 | 16 | 585400 | 7380300 | | 90-DU-2538 | 16 | 566000 | 7412000 |
| 90-DU-2498 | 16 | 586100 | 7384700 | | 90-DU-2539 | 16 | 570700 | 7412700 |
| 90-DU-2499 | 16 | 588800 | 7386500 | | 90-DU-2540 | 16 | 567500 | 7415300 |
| 90-DU-2500 | 16 | 590700 | 7385200 | | 90-DU-2541 | 16 | 568200 | 7421500 |
| 90-DU-2501 | 16 | 602200 | 7390200 | | 90-DU-2542 | 16 | 570300 | 7423100 |
| 90-DU-2502 | 16 | 595900 | 7391300 | | 90-DU-2543 | 16 | 571800 | 7431900 |
| 90-DU-2503 | 16 | 599000 | 7392900 | | 90-DU-2544 | 16 | 576700 | 7432900 |
| 90-DU-2504 | 16 | 603000 | 7396600 | | 90-DU-2545 | 16 | 575400 | 7423000 |
| 90-DU-2505 | 16 | 605900 | 7396500 | | 90-DU-2546 | 16 | 579100 | 7421000 |
| 90-DU-2506 | 16 | 604000 | 7400200 | | 90-DU-2547 | 16 | 578700 | 7414800 |
| 90-DU-2507 | 16 | 599700 | 7402200 | | 90-DU-2548 | 16 | 578800 | 7410900 |
| 90-DU-2508 | 16 | 596700 | 7405800 | | 90-DU-2549 | 16 | 575900 | 7408900 |
| 90-DU-2509 | 16 | 600100 | 7407900 | | 90-DU-2550 | 16 | 575400 | 7407900 |
| 90-DU-2510 | 16 | 608300 | 7409100 | | 90-DU-2551 | 16 | 575700 | 7403300 |
| 90-DU-2511 | 16 | 601600 | 7414400 | | 90-DU-2552 | 16 | 572000 | 7394700 |
| 90-DU-2512 | 16 | 601700 | 7415800 | | 90-DU-2553 | 16 | 572900 | 7392700 |
| 90-DU-2513 | 16 | 599500 | 7419000 | | 90-DU-2554 | 16 | 575200 | 7387300 |
| 90-DU-2514 | 16 | 596400 | 7424900 | | 90-DU-2555 | 16 | 572200 | 7383000 |
| 90-DU-2515 | 16 | 593100 | 7431400 | | 90-DU-2556 | 16 | 577000 | 7381900 |
| 90-DU-2516 | 16 | 590700 | 7431400 | | 90-DU-2557 | 16 | 575000 | 7377400 |
| 90-DU-2517 | 16 | 584100 | 7429100 | | 90-DU-2558 | 16 | 576500 | 7371800 |
| 90-DU-2518 | 16 | 596000 | 7416600 | | 90-DU-2559 | 16 | 582800 | 7365700 |
| 90-DU-2519 | 16 | 595300 | 7413700 | | 90-DU-2560 | 16 | 576800 | 7365400 |
| 90-DU-2520 | 16 | 594100 | 7411100 | | 90-DU-2561 | 16 | 568300 | 7490200 |
| 90-DU-2521 | 16 | 586700 | 7412800 | | 90-DU-2562 | 16 | 574800 | 7494800 |
| 90-DU-2522 | 16 | 588800 | 7411000 | | 90-DU-2563 | 16 | 580900 | 7498200 |
| 90-DU-2523 | 16 | 587400 | 7410200 | | 90-DU-2564 | 16 | 580000 | 7500800 |
| 90-DU-2524 | 16 | 592800 | 7406800 | | 90-DU-2565 | 16 | 574500 | 7499000 |
| 90-DU-2525 | 16 | 592300 | 7406000 | | 90-DU-2566 | 16 | 575500 | 7502000 |
| 90-DU-2526 | 16 | 595800 | 7402600 | | 90-DU-2567 | 16 | 569100 | 7304900 |
| 90-DU-2527 | 16 | 596800 | 7398800 | | 90-DU-2568 | 16 | 569000 | 7505600 |
| 90-DU-2528 | 16 | 590700 | 7398400 | | 90-DU-2569 | 16 | 578800 | 7510100 |
| 90-DU-2529 | 16 | 588300 | 7400900 | | 90-DU-2570 | 16 | 577000 | 7514300 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 90-DU-2571 | 16 | 572000 | 7514700 | | 90-DU-2612 | 16 | 596900 | 7350600 |
| 90-DU-2572 | 16 | 568200 | 7511200 | | 90-DU-2613 | 16 | 597400 | 7356400 |
| 90-DU-2573 | 16 | 568100 | 7519300 | | 90-DU-2614 | 16 | 585400 | 7358700 |
| 90-DU-2574 | 16 | 572300 | 7519100 | | 90-DU-2615 | 16 | 583600 | 7355000 |
| 90-DU-2575 | 16 | 572300 | 7521900 | | 90-DU-2616 | 16 | 582400 | 7355300 |
| 90-DU-2576 | 16 | 566200 | 7528100 | | 90-DU-2617 | 16 | 582800 | 7359900 |
| 90-DU-2577 | 16 | 572100 | 7529300 | | 91-DU-3000 | 16 | 479000 | 7543000 |
| 90-DU-2578 | 16 | 565700 | 7538400 | | 91-DU-3001 | 16 | 625500 | 7545500 |
| 90-DU-2579 | 16 | 569000 | 7538500 | | 91-DU-3002 | 17 | 500000 | 7543000 |
| 90-DU-2580 | 16 | 573400 | 7541500 | | 91-DU-3003 | 16 | 478000 | 7431000 |
| 90-DU-2581 | 16 | 580400 | 7540400 | | 91-DU-3004 | 16 | 631000 | 7434500 |
| 90-DU-2582 | 16 | 575300 | 7534700 | | 91-DU-3005 | 17 | 500000 | 7431000 |
| 90-DU-2583 | 16 | 581200 | 7527500 | | 91-DU-3006 | 16 | 477200 | 7320000 |
| 90-DU-2584 | 16 | 583200 | 7524700 | | 91-DU-3007 | 16 | 636000 | 7323000 |
| 90-DU-2585 | 16 | 579800 | 7523300 | | 91-DU-3008 | 17 | 500000 | 7320000 |
| 90-DU-2586 | 16 | 580700 | 7517500 | | 91-DU-3009 | 17 | 439200 | 7499500 |
| 90-DU-2587 | 16 | 549800 | 7418000 | | 91-DU-3010 | 17 | 439200 | 7502300 |
| 90-DU-2588 | 16 | 555800 | 7418000 | | 91-DU-3011 | 17 | 439000 | 7505600 |
| 90-DU-2589 | 16 | 551200 | 7406700 | | 91-DU-3012 | 17 | 440300 | 7516300 |
| 90-DU-2590 | 16 | 558600 | 7407200 | | 91-DU-3013 | 17 | 438200 | 7520800 |
| 90-DU-2591 | 16 | 555700 | 7409800 | | 91-DU-3014 | 17 | 438700 | 7529800 |
| 90-DU-2592 | 16 | 561300 | 7413000 | | 91-DU-3015 | 17 | 440800 | 7533700 |
| 90-DU-2593 | 16 | 561900 | 7418000 | | 91-DU-3016 | 17 | 439900 | 7535600 |
| 90-DU-2594 | 16 | 566200 | 7429600 | | 91-DU-3017 | 17 | 439300 | 7539700 |
| 90-DU-2595 | 16 | 564100 | 7427500 | | 91-DU-3018 | 17 | 443000 | 7528000 |
| 90-DU-2596 | 16 | 552600 | 7424200 | | 91-DU-3019 | 17 | 444300 | 7522200 |
| 90-DU-2597 | 16 | 560100 | 7420900 | | 91-DU-3020 | 17 | 456800 | 7522400 |
| 90-DU-2598 | 16 | 581400 | 7364400 | | 91-DU-3021 | 17 | 449400 | 7521700 |
| 90-DU-2599 | 16 | 582800 | 7362100 | | 91-DU-3022 | 17 | 457600 | 7518300 |
| 90-DU-2600 | 16 | 589100 | 7363900 | | 91-DU-3023 | 17 | 458200 | 7515900 |
| 90-DU-2601 | 16 | 593300 | 7366300 | | 91-DU-3024 | 17 | 456400 | 7511200 |
| 90-DU-2602 | 16 | 594700 | 7368200 | | 91-DU-3025 | 17 | 452500 | 7513300 |
| 90-DU-2603 | 16 | 594900 | 7362500 | | 91-DU-3026 | 17 | 448200 | 7515700 |
| 90-DU-2604 | 16 | 596300 | 7365100 | | 91-DU-3027 | 17 | 446700 | 7510700 |
| 90-DU-2605 | 16 | 600600 | 7365200 | | 91-DU-3028 | 17 | 445300 | 7508200 |
| 90-DU-2606 | 16 | 603000 | 7364100 | | 91-DU-3029 | 17 | 454400 | 7504700 |
| 90-DU-2607 | 16 | 606500 | 7365500 | | 91-DU-3030 | 17 | 447400 | 7500000 |
| 90-DU-2608 | 16 | 619500 | 7364300 | | 91-DU-3031 | 17 | 452300 | 7499700 |
| 90-DU-2609 | 16 | 624600 | 7365300 | | 91-DU-3032 | 17 | 452200 | 7498200 |
| 90-DU-2610 | 16 | 615100 | 7342700 | | 91-DU-3033 | 17 | 456600 | 7494800 |
| 90-DU-2611 | 16 | 605200 | 7352400 | | 91-DU-3034 | 17 | 453800 | 7493700 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 91-DU-3035 | 17 | 447400 | 7495400 | | 91-DU-3075 | 17 | 376700 | 7463700 |
| 91-DU-3036 | 17 | 449400 | 7490500 | | 91-DU-3076 | 17 | 381800 | 7465100 |
| 91-DU-3037 | 17 | 398800 | 7488800 | | 91-DU-3077 | 17 | 378300 | 7460400 |
| 91-DU-3038 | 17 | 414300 | 7480200 | | 91-DU-3078 | 17 | 373800 | 7459800 |
| 91-DU-3039 | 17 | 409400 | 7487800 | | 91-DU-3079 | 17 | 381000 | 7458100 |
| 91-DU-3040 | 17 | 410800 | 7487900 | | 91-DU-3080 | 17 | 372100 | 7455900 |
| 91-DU-3041 | 17 | 406000 | 7485100 | | 91-DU-3081 | 17 | 370700 | 7449900 |
| 91-DU-3042 | 17 | 403900 | 7487200 | | 91-DU-3082 | 17 | 371800 | 7445800 |
| 91-DU-3043 | 17 | 406700 | 7489900 | | 91-DU-3083 | 17 | 370800 | 7442200 |
| 91-DU-3044 | 17 | 405900 | 7491300 | | 91-DU-3084 | 17 | 372500 | 7439400 |
| 91-DU-3045 | 17 | 400700 | 7491900 | | 91-DU-3085 | 17 | 374100 | 7438800 |
| 91-DU-3046 | 17 | 396800 | 7486500 | | 91-DU-3086 | 17 | 377900 | 7436000 |
| 91-DU-3047 | 17 | 401600 | 7479000 | | 91-DU-3087 | 17 | 378900 | 7438900 |
| 91-DU-3048 | 17 | 399000 | 7476900 | | 91-DU-3088 | 17 | 385700 | 7439000 |
| 91-DU-3049 | 17 | 396500 | 7473800 | | 91-DU-3089 | 17 | 389700 | 7441300 |
| 91-DU-3050 | 17 | 395800 | 7471000 | | 91-DU-3090 | 17 | 392000 | 7446200 |
| 91-DU-3051 | 17 | 397600 | 7465000 | | 91-DU-3091 | 17 | 384900 | 7449000 |
| 91-DU-3052 | 17 | 402400 | 7465300 | | 91-DU-3092 | 17 | 380900 | 7450000 |
| 91-DU-3053 | 17 | 403600 | 7459500 | | 91-DU-3093 | 17 | 383000 | 7453400 |
| 91-DU-3054 | 17 | 402700 | 7455000 | | 91-DU-3094 | 17 | 392700 | 7456300 |
| 91-DU-3055 | 17 | 397700 | 7457000 | | 91-DU-3095 | 17 | 387400 | 7463000 |
| 91-DU-3056 | 17 | 409300 | 7481300 | | 91-DU-3096 | 17 | 389900 | 7463100 |
| 91-DU-3057 | 17 | 416100 | 7487400 | | 91-DU-3097 | 17 | 383000 | 7444800 |
| 91-DU-3058 | 17 | 388900 | 7489200 | | 91-DU-3098 | 17 | 389300 | 7465100 |
| 91-DU-3059 | 17 | 384500 | 7486900 | | 91-DU-3099 | 17 | 391200 | 7468000 |
| 91-DU-3060 | 17 | 383600 | 7490600 | | 91-DU-3100 | 17 | 391600 | 7471800 |
| 91-DU-3061 | 17 | 379900 | 7488400 | | 91-DU-3101 | 17 | 372300 | 7494800 |
| 91-DU-3062 | 17 | 375700 | 7490300 | | 91-DU-3102 | 17 | 372200 | 7495800 |
| 91-DU-3063 | 17 | 373700 | 7488500 | | 91-DU-3103 | 17 | 375100 | 7501600 |
| 91-DU-3064 | 17 | 373800 | 7483200 | | 91-DU-3104 | 17 | 377400 | 7504400 |
| 91-DU-3065 | 17 | 379700 | 7483800 | | 91-DU-3105 | 17 | 377500 | 7507800 |
| 91-DU-3066 | 17 | 382400 | 7480700 | | 91-DU-3106 | 17 | 380800 | 7508600 |
| 91-DU-3067 | 17 | 391100 | 7483200 | | 91-DU-3107 | 17 | 375800 | 7509600 |
| 91-DU-3068 | 17 | 386800 | 7479500 | | 91-DU-3108 | 17 | 378300 | 7512000 |
| 91-DU-3069 | 17 | 378700 | 7474300 | | 91-DU-3109 | 17 | 380800 | 7511700 |
| 91-DU-3070 | 17 | 371300 | 7473000 | | 91-DU-3110 | 17 | 379200 | 7514100 |
| 91-DU-3071 | 17 | 370900 | 7468400 | | 91-DU-3111 | 17 | 375400 | 7514400 |
| 91-DU-3072 | 17 | 372400 | 7467300 | | 91-DU-3112 | 17 | 374000 | 7513200 |
| 91-DU-3073 | 17 | 375900 | 7468000 | | 91-DU-3113 | 17 | 377400 | 7518000 |
| 91-DU-3074 | 17 | 371500 | 7464600 | | 91-DU-3114 | 17 | 373800 | 7518500 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 91-DU-3115 | 17 | 379400 | 7520100 | | 91-DU-3155 | 17 | 385900 | 7499200 |
| 91-DU-3116 | 17 | 381400 | 7524600 | | 91-DU-3156 | 17 | 392100 | 7499000 |
| 91-DU-3117 | 17 | 376300 | 7526200 | | 91-DU-3157 | 17 | 384400 | 7494800 |
| 91-DU-3118 | 17 | 384000 | 7528700 | | 91-DU-3158 | 17 | 396000 | 7449100 |
| 91-DU-3119 | 17 | 383500 | 7531500 | | 91-DU-3159 | 17 | 393200 | 7437700 |
| 91-DU-3220 | 17 | 381900 | 7533800 | | 91-DU-3160 | 17 | 393000 | 7435000 |
| 91-DU-3221 | 17 | 375700 | 7534300 | | 91-DU-3161 | 17 | 403200 | 7433500 |
| 91-DU-3122 | 17 | 377400 | 7537900 | | 91-DU-3162 | 17 | 407300 | 7435000 |
| 91-DU-3123 | 17 | 375200 | 7537600 | | 91-DU-3163 | 17 | 409100 | 7435900 |
| 91-DU-3124 | 17 | 374800 | 7542200 | | 91-DU-3164 | 17 | 410300 | 7434400 |
| 91-DU-3125 | 17 | 375000 | 7545200 | | 91-DU-3165 | 17 | 410400 | 7440400 |
| 91-DU-3126 | 17 | 378500 | 7545100 | | 91-DU-3166 | 17 | 410200 | 7443300 |
| 91-DU-3127 | 17 | 381700 | 7544900 | | 91-DU-3167 | 17 | 404300 | 7443500 |
| 91-DU-3128 | 17 | 382000 | 7541600 | | 91-DU-3168 | 17 | 406000 | 7447800 |
| 91-DU-3129 | 17 | 381900 | 7540000 | | 91-DU-3169 | 17 | 409400 | 7451200 |
| 91-DU-3130 | 17 | 382200 | 7537700 | | 91-DU-3170 | 17 | 407500 | 7453300 |
| 91-DU-3131 | 17 | 385900 | 7541400 | | 91-DU-3171 | 17 | 413100 | 7452000 |
| 91-DU-3132 | 17 | 388500 | 7540200 | | 91-DU-3172 | 17 | 411600 | 7456100 |
| 91-DU-3133 | 17 | 388700 | 7537800 | | 91-DU-3173 | 17 | 409500 | 7458700 |
| 91-DU-3134 | 17 | 391300 | 7539200 | | 91-DU-3174 | 17 | 410800 | 7460000 |
| 91-DU-3135 | 17 | 392800 | 7538800 | | 91-DU-3175 | 17 | 412000 | 7464500 |
| 91-DU-3136 | 17 | 394100 | 7542500 | | 91-DU-3176 | 17 | 406500 | 7467100 |
| 91-DU-3137 | 17 | 393200 | 7536700 | | 91-DU-3177 | 17 | 409800 | 7469700 |
| 91-DU-3138 | 17 | 394100 | 7533400 | | 91-DU-3178 | 17 | 406100 | 7470700 |
| 91-DU-3139 | 17 | 388900 | 7533800 | | 91-DU-3179 | 17 | 411000 | 7470600 |
| 91-DU-3140 | 17 | 386200 | 7530900 | | 91-DU-3180 | 17 | 409900 | 7474900 |
| 91-DU-3141 | 17 | 386400 | 7528700 | | 91-DU-3181 | 17 | 461300 | 7487000 |
| 91-DU-3142 | 17 | 382000 | 7527400 | | 91-DU-3182 | 17 | 460500 | 7490800 |
| 91-DU-3143 | 17 | 393500 | 7523400 | | 91-DU-3183 | 17 | 462200 | 7495300 |
| 91-DU-3144 | 17 | 391900 | 7521400 | | 91-DU-3184 | 17 | 465800 | 7495900 |
| 91-DU-3145 | 17 | 387300 | 7520300 | | 91-DU-3185 | 17 | 460100 | 7497300 |
| 91-DU-3146 | 17 | 383900 | 7511900 | | 91-DU-3186 | 17 | 462400 | 7500000 |
| 91-DU-3147 | 17 | 389300 | 7514200 | | 91-DU-3187 | 17 | 464600 | 7501800 |
| 91-DU-3148 | 17 | 392400 | 7515200 | | 91-DU-3188 | 17 | 463800 | 7508500 |
| 91-DU-3149 | 17 | 393200 | 7512200 | | 91-DU-3189 | 17 | 461000 | 7518900 |
| 91-DU-3150 | 17 | 393300 | 7510200 | | 91-DU-3190 | 17 | 466200 | 7514200 |
| 91-DU-3151 | 17 | 391500 | 7508400 | | 91-DU-3191 | 17 | 472200 | 7504900 |
| 91-DU-3152 | 17 | 385900 | 7505800 | | 91-DU-3192 | 17 | 468800 | 7504800 |
| 91-DU-3153 | 17 | 384400 | 7503600 | | 91-DU-3193 | 17 | 470100 | 7499400 |
| 91-DU-3154 | 17 | 388700 | 7502600 | | 91-DU-3194 | 17 | 476700 | 7499900 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 91-DU-3195 | 17 | 482900 | 7496900 | | 91-DU-3236 | 17 | 413300 | 7504000 |
| 91-DU-3196 | 17 | 485100 | 7490200 | | 91-DU-3237 | 17 | 406100 | 7497700 |
| 91-DU-3197 | 17 | 479200 | 7489300 | | 91-DU-3238 | 17 | 408500 | 7498200 |
| 91-DU-3198 | 17 | 477000 | 7487500 | | 91-DU-3239 | 17 | 413400 | 7500400 |
| 91-DU-3199 | 17 | 473400 | 7489200 | | 91-DU-3240 | 17 | 413700 | 7496500 |
| 91-DU-3200 | 17 | 471600 | 7489400 | | 91-DU-3241 | 17 | 418700 | 7498800 |
| 91-DU-3201 | 17 | 472700 | 7493500 | | 91-DU-3242 | 17 | 415400 | 7505700 |
| 91-DU-3202 | 17 | 444800 | 7487800 | | 91-DU-3243 | 17 | 420100 | 7505100 |
| 91-DU-3203 | 17 | 447500 | 7484500 | | 91-DU-3244 | 17 | 418300 | 7508200 |
| 91-DU-3204 | 17 | 442900 | 7484400 | | 91-DU-3245 | 17 | 418500 | 7515000 |
| 91-DU-3205 | 17 | 435900 | 7493300 | | 91-DU-3246 | 17 | 420400 | 7518200 |
| 91-DU-3206 | 17 | 437000 | 7478500 | | 91-DU-3247 | 17 | 420400 | 7521100 |
| 91-DU-3207 | 17 | 398600 | 7494300 | | 91-DU-3248 | 17 | 421800 | 7528000 |
| 91-DU-3208 | 17 | 397000 | 7498600 | | 91-DU-3249 | 17 | 424000 | 7530400 |
| 91-DU-3209 | 17 | 395700 | 7503900 | | 91-DU-3250 | 17 | 418700 | 7532600 |
| 91-DU-3210 | 17 | 397900 | 7506400 | | 91-DU-3251 | 17 | 416200 | 7534400 |
| 91-DU-3211 | 17 | 397800 | 7509600 | | 91-DU-3252 | 17 | 421500 | 7538600 |
| 91-DU-3213 | 17 | 398400 | 7513000 | | 91-DU-3253 | 17 | 423200 | 7542200 |
| 91-DU-3214 | 17 | 396800 | 7530600 | | 91-DU-3254 | 17 | 434200 | 7540200 |
| 91-DU-3215 | 17 | 398000 | 7535800 | | 91-DU-3255 | 17 | 430500 | 7534900 |
| 91-DU-3216 | 17 | 401100 | 7539400 | | 91-DU-3256 | 17 | 433900 | 7531700 |
| 91-DU-3217 | 17 | 400500 | 7542700 | | 91-DU-3257 | 17 | 431500 | 7531200 |
| 91-DU-3218 | 17 | 398800 | 7544100 | | 91-DU-3258 | 17 | 426000 | 7528800 |
| 91-DU-3219 | 17 | 399400 | 7544400 | | 91-DU-3259 | 17 | 427100 | 7524800 |
| 91-DU-3220 | 17 | 412300 | 7540100 | | 91-DU-3260 | 17 | 431500 | 7525900 |
| 91-DU-3221 | 17 | 407900 | 7536300 | | 91-DU-3261 | 17 | 431400 | 7522100 |
| 91-DU-3222 | 17 | 409600 | 7532700 | | 91-DU-3262 | 17 | 437500 | 7523600 |
| 91-DU-3223 | 17 | 407400 | 7530000 | | 91-DU-3263 | 17 | 425000 | 7518900 |
| 91-DU-3224 | 17 | 412800 | 7527400 | | 91-DU-3264 | 17 | 424800 | 7516100 |
| 91-DU-3225 | 17 | 413000 | 7525600 | | 91-DU-3265 | 17 | 429800 | 7513800 |
| 91-DU-3226 | 17 | 410100 | 7523500 | | 91-DU-3266 | 17 | 435000 | 7514400 |
| 91-DU-3227 | 17 | 407600 | 7524800 | | 91-DU-3267 | 17 | 434500 | 7508800 |
| 91-DU-3228 | 17 | 403100 | 7524900 | | 91-DU-3268 | 17 | 427200 | 7510800 |
| 91-DU-3229 | 17 | 405100 | 7518000 | | 91-DU-3269 | 17 | 424000 | 7510900 |
| 91-DU-3230 | 17 | 412300 | 7520200 | | 91-DU-3270 | 17 | 462400 | 7484600 |
| 91-DU-3231 | 17 | 413200 | 7515200 | | 91-DU-3271 | 17 | 470300 | 7481800 |
| 91-DU-3232 | 17 | 413800 | 7512600 | | 91-DU-3272 | 17 | 473100 | 7479000 |
| 91-DU-3233 | 17 | 408000 | 7514100 | | 91-DU-3273 | 17 | 477700 | 7481500 |
| 91-DU-3234 | 17 | 406700 | 7509500 | | 91-DU-3274 | 17 | 477900 | 7477600 |
| 91-DU-3235 | 17 | 406900 | 7502800 | | 91-DU-3275 | 17 | 471400 | 7470200 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 91-DU-3276 | 17 | 477900 | 7472600 | | 91-DU-3316 | 17 | 426700 | 7436700 |
| 91-DU-3277 | 17 | 475500 | 7465300 | | 91-DU-3317 | 17 | 432400 | 7432900 |
| 91-DU-3278 | 17 | 478400 | 7462900 | | 91-DU-3318 | 17 | 428200 | 7438000 |
| 91-DU-3279 | 17 | 475300 | 7457900 | | 91-DU-3319 | 17 | 428600 | 7443300 |
| 91-DU-3280 | 17 | 471300 | 7459200 | | 91-DU-3320 | 17 | 429600 | 7445800 |
| 91-DU-3281 | 17 | 471400 | 7452200 | | 91-DU-3321 | 17 | 433400 | 7449600 |
| 91-DU-3282 | 17 | 470200 | 7442500 | | 91-DU-3322 | 17 | 428500 | 7450700 |
| 91-DU-3283 | 17 | 473600 | 7440900 | | 91-DU-3323 | 17 | 426200 | 7450300 |
| 91-DU-3284 | 17 | 476200 | 7437500 | | 91-DU-3324 | 17 | 433200 | 7452500 |
| 91-DU-3285 | 17 | 470500 | 7431500 | | 91-DU-3325 | 17 | 431200 | 7456000 |
| 91-DU-3286 | 17 | 467400 | 7435400 | | 91-DU-3326 | 17 | 433600 | 7457400 |
| 91-DU-3287 | 17 | 464600 | 7434600 | | 91-DU-3327 | 17 | 426500 | 7459900 |
| 91-DU-3288 | 17 | 460000 | 7433000 | | 91-DU-3328 | 17 | 428200 | 7462100 |
| 91-DU-3289 | 17 | 456900 | 7434300 | | 91-DU-3329 | 17 | 431900 | 7462000 |
| 91-DU-3290 | 17 | 463100 | 7440900 | | 91-DU-3330 | 17 | 432100 | 7467300 |
| 91-DU-3291 | 17 | 466600 | 7444000 | | 91-DU-3331 | 17 | 427000 | 7466200 |
| 91-DU-3292 | 17 | 460300 | 7443800 | | 91-DU-3332 | 17 | 426900 | 7469800 |
| 91-DU-3293 | 17 | 465100 | 7449000 | | 91-DU-3333 | 17 | 428500 | 7474500 |
| 91-DU-3294 | 17 | 466700 | 7452600 | | 91-DU-3334 | 17 | 427700 | 7475200 |
| 91-DU-3295 | 17 | 462700 | 7452900 | | 91-DU-3335 | 17 | 428100 | 7478600 |
| 91-DU-3296 | 17 | 458400 | 7449900 | | 91-DU-3336 | 17 | 422500 | 7434100 |
| 91-DU-3297 | 17 | 465100 | 7459500 | | 91-DU-3337 | 17 | 424100 | 7486800 |
| 91-DU-3298 | 17 | 457900 | 7459600 | | 91-DU-3338 | 17 | 420700 | 7486300 |
| 91-DU-3299 | 17 | 458100 | 7462400 | | 91-DU-3339 | 17 | 479100 | 7436200 |
| 91-DU-3300 | 17 | 463800 | 7468900 | | 91-DU-3340 | 17 | 481800 | 7437000 |
| 91-DU-3301 | 17 | 464900 | 7472700 | | 91-DU-3341 | 17 | 479000 | 7441800 |
| 91-DU-3302 | 17 | 459700 | 7474800 | | 91-DU-3342 | 17 | 478300 | 7444400 |
| 91-DU-3303 | 17 | 465400 | 7478800 | | 91-DU-3343 | 17 | 477900 | 7446600 |
| 91-DU-3304 | 17 | 465000 | 7484800 | | 91-DU-3344 | 17 | 482800 | 7453900 |
| 91-DU-3305 | 17 | 458100 | 7483900 | | 91-DU-3345 | 17 | 483100 | 7457600 |
| 91-DU-3306 | 17 | 416300 | 7455800 | | 91-DU-3346 | 17 | 483900 | 7467000 |
| 91-DU-3307 | 17 | 421700 | 7455300 | | 91-DU-3347 | 17 | 473500 | 7459800 |
| 91-DU-3308 | 17 | 418400 | 7450400 | | 91-DU-3348 | 17 | 472700 | 7459000 |
| 91-DU-3309 | 17 | 414500 | 7446900 | | 91-DU-3349 | 17 | 474200 | 7466000 |
| 91-DU-3310 | 17 | 420400 | 7445000 | | 91-DU-3350 | 17 | 473900 | 7471300 |
| 91-DU-3311 | 17 | 416300 | 7442800 | | 91-DU-3351 | 17 | 482200 | 7470600 |
| 91-DU-3312 | 17 | 415100 | 7437500 | | 91-DU-3352 | 17 | 486600 | 7481700 |
| 91-DU-3313 | 17 | 416600 | 7437900 | | 91-DU-3353 | 17 | 490700 | 7481700 |
| 91-DU-3314 | 17 | 422100 | 7432500 | | 91-DU-3354 | 17 | 487000 | 7484100 |
| 91-DU-3315 | 17 | 423800 | 7439000 | | 91-DU-3355 | 17 | 444400 | 7471800 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 91-DU-3356 | 17 | 441700 | 7478900 | | 91-DU-3396 | 17 | 432700 | 7499700 |
| 91-DU-3357 | 17 | 436900 | 7478500 | | 91-DU-3397 | 17 | 430200 | 7497900 |
| 91-DU-3358 | 17 | 444100 | 7469900 | | 91-DU-3398 | 17 | 427600 | 7497600 |
| 91-DU-3359 | 17 | 436100 | 7465000 | | 91-DU-3399 | 17 | 431600 | 7495500 |
| 91-DU-3360 | 17 | 435600 | 7462000 | | 91-DU-3400 | 17 | 430200 | 7489700 |
| 91-DU-3361 | 17 | 439300 | 7462200 | | 91-DU-3401 | 17 | 426800 | 7491000 |
| 91-DU-3362 | 17 | 442300 | 7463500 | | 91-DU-3402 | 17 | 419400 | 7494900 |
| 91-DU-3363 | 17 | 440100 | 7457300 | | 91-DU-3403 | 17 | 421200 | 7490200 |
| 91-DU-3364 | 17 | 443400 | 7453600 | | 91-DU-3404 | 17 | 415600 | 7483400 |
| 91-DU-3365 | 17 | 436700 | 7443200 | | 91-DU-3405 | 17 | 419800 | 7476900 |
| 91-DU-3366 | 17 | 434700 | 7438700 | | 91-DU-3406 | 17 | 415500 | 7476200 |
| 91-DU-3367 | 17 | 436800 | 7433100 | | 91-DU-3407 | 17 | 422500 | 7475900 |
| 91-DU-3368 | 17 | 437500 | 7435500 | | 91-DU-3408 | 17 | 415000 | 7470500 |
| 91-DU-3369 | 17 | 440800 | 7439100 | | 91-DU-3409 | 17 | 419500 | 7469900 |
| 91-DU-3370 | 17 | 440700 | 7436800 | | 91-DU-3410 | 17 | 414500 | 7465100 |
| 91-DU-3371 | 17 | 444500 | 7435100 | | 91-DU-3411 | 17 | 418800 | 7460700 |
| 91-DU-3372 | 17 | 446100 | 7437900 | | 91-DU-3412 | 17 | 423500 | 7460800 |
| 91-DU-3373 | 17 | 445300 | 7441600 | | 91-DU-3413 | 17 | 427200 | 7484400 |
| 91-DU-3374 | 17 | 448200 | 7435500 | | 91-DU-3414 | 17 | 366800 | 7377700 |
| 91-DU-3375 | 17 | 452500 | 7431900 | | 91-DU-3415 | 17 | 366700 | 7369800 |
| 91-DU-3376 | 17 | 452100 | 7437000 | | 91-DU-3416 | 17 | 370300 | 7364600 |
| 91-DU-3377 | 17 | 450300 | 7437800 | | 91-DU-3417 | 17 | 367700 | 7358200 |
| 91-DU-3378 | 17 | 453300 | 7443100 | | 91-DU-3418 | 17 | 369500 | 7354500 |
| 91-DU-3379 | 17 | 455600 | 7447100 | | 91-DU-3419 | 17 | 377100 | 7345900 |
| 91-DU-3380 | 17 | 453100 | 7446700 | | 91-DU-3420 | 17 | 372500 | 7347900 |
| 91-DU-3381 | 17 | 450500 | 7450600 | | 91-DU-3421 | 17 | 369500 | 7350200 |
| 91-DU-3382 | 17 | 447800 | 7455500 | | 91-DU-3422 | 16 | 632300 | 7359500 |
| 91-DU-3383 | 17 | 454500 | 7459100 | | 91-DU-3423 | 16 | 633600 | 7363300 |
| 91-DU-3384 | 17 | 450000 | 7460200 | | 91-DU-3424 | 16 | 629900 | 7369000 |
| 91-DU-3385 | 17 | 448900 | 7464500 | | 91-DU-3425 | 16 | 625600 | 7372000 |
| 91-DU-3386 | 17 | 453400 | 7465600 | | 91-DU-3426 | 16 | 614100 | 7373100 |
| 91-DU-3387 | 17 | 455000 | 7473000 | | 91-DU-3427 | 16 | 612600 | 7377600 |
| 91-DU-3388 | 17 | 451900 | 7475100 | | 91-DU-3428 | 16 | 606400 | 7373800 |
| 91-DU-3389 | 17 | 448600 | 7472900 | | 91-DU-3429 | 16 | 608500 | 7367700 |
| 91-DU-3390 | 17 | 451700 | 7480600 | | 91-DU-3430 | 16 | 600500 | 7373800 |
| 91-DU-3391 | 17 | 452700 | 7487300 | | 91-DU-3431 | 16 | 590200 | 7370600 |
| 91-DU-3392 | 17 | 426300 | 7508100 | | 91-DU-3432 | 16 | 692000 | 7389600 |
| 91-DU-3393 | 17 | 924900 | 7504800 | | 91-DU-3433 | 16 | 697400 | 7386600 |
| 91-DU-3394 | 17 | 424700 | 7501400 | | 91-DU-3434 | 16 | 602000 | 7387200 |
| 91-DU-3395 | 17 | 429700 | 7503200 | | 91-DU-3435 | 16 | 603300 | 7382200 |

2. Sample Locations

| Sample | Zone | Easting | Northing | | Sample | Zone | Easting | Northing |
|------------|------|---------|----------|--|------------|------|---------|----------|
| 91-DU-3436 | 16 | 625500 | 7392900 | | 91-DU-3476 | 16 | 515300 | 7531200 |
| 91-DU-3437 | 16 | 625900 | 7396400 | | 91-DU-3477 | 16 | 506700 | 7532900 |
| 91-DU-3438 | 17 | 406100 | 7470700 | | 91-DU-3478 | 16 | 506600 | 7524000 |
| 91-DU-3439 | 17 | 410500 | 7466700 | | 91-DU-3479 | 16 | 510900 | 7520000 |
| 91-DU-3440 | 17 | 411100 | 7460800 | | 91-DU-3480 | 16 | 517300 | 7518700 |
| 91-DU-3441 | 17 | 419500 | 7449600 | | 91-DU-3481 | 16 | 518100 | 7512800 |
| 91-DU-3442 | 17 | 427200 | 7444600 | | 91-DU-3482 | 16 | 523100 | 7518900 |
| 91-DU-3443 | 17 | 430500 | 7447600 | | 91-DU-3483 | 17 | 466100 | 7454600 |
| 91-DU-3444 | 17 | 454800 | 7459700 | | 91-DU-3484 | 17 | 466500 | 7453200 |
| 91-DU-3445 | 17 | 441900 | 7478500 | | | | | |
| 91-DU-3446 | 17 | 427100 | 7478200 | | | | | |
| 91-DU-3447 | 17 | 396700 | 7497100 | | | | | |
| 91-DU-3448 | 17 | 384400 | 7487300 | | | | | |
| 91-DU-3449 | 17 | 375300 | 7487200 | | | | | |
| 91-DU-3450 | 17 | 380800 | 7477500 | | | | | |
| 91-DU-3451 | 17 | 381500 | 7471500 | | | | | |
| 91-DU-3452 | 17 | 378000 | 7466400 | | | | | |
| 91-DU-3453 | 17 | 371000 | 7454600 | | | | | |
| 91-DU-3454 | 17 | 373100 | 7442800 | | | | | |
| 91-DU-3455 | 17 | 382000 | 7440300 | | | | | |
| 91-DU-3456 | 17 | 382300 | 7453500 | | | | | |
| 91-DU-3457 | 17 | 392400 | 7456000 | | | | | |
| 91-DU-3458 | 17 | 396800 | 7468500 | | | | | |
| 91-DU-3459 | 17 | 390700 | 7469300 | | | | | |
| 91-DU-3460 | 16 | 525000 | 7528000 | | | | | |
| 91-DU-3461 | 16 | 519400 | 7541200 | | | | | |
| 91-DU-3462 | 16 | 524600 | 7539800 | | | | | |
| 91-DU-3463 | 16 | 521500 | 7556000 | | | | | |
| 91-DU-3464 | 16 | 519200 | 7559100 | | | | | |
| 91-DU-3465 | 16 | 523100 | 7565300 | | | | | |
| 91-DU-3466 | 16 | 514400 | 7572600 | | | | | |
| 91-DU-3467 | 16 | 511800 | 7569400 | | | | | |
| 91-DU-3468 | 16 | 510400 | 7562500 | | | | | |
| 91-DU-3469 | 16 | 513100 | 7557000 | | | | | |
| 91-DU-3470 | 16 | 508100 | 7555800 | | | | | |
| 91-DU-3471 | 16 | 505400 | 7559000 | | | | | |
| 91-DU-3472 | 16 | 508300 | 7554000 | | | | | |
| 91-DU-3473 | 16 | 511500 | 7546000 | | | | | |
| 91-DU-3474 | 16 | 510900 | 7537300 | | | | | |
| 91-DU-3475 | 16 | 514500 | 7536300 | | | | | |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|-------------|---------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| Detection | 0.2 ppm | 0.01% | 5 ppm | 2 ppm | 5 ppm | 0.01% | 0.2 ppm | 1 ppm | 1 ppm | 1 ppm | 0.01% | 2 ppm | 0.01% | 1 ppm |
| 90-DU-0001 | 0.7 | 3.09 | 15 | 110 | 2.5 | 0.39 | 0.1 | 19 | 64 | 34 | 6.16 | 5 | 0.65 | 25 |
| 90-DU-0023 | 0.9 | 1.44 | 15 | 60 | 2.5 | 10.00 | 1.2 | 6 | 36 | 25 | 1.95 | 5 | 0.39 | 13 |
| 90-DU-0038 | 0.7 | 2.50 | 10 | 123 | 2.5 | 10.00 | 0.1 | 16 | 38 | 25 | 3.82 | 5 | 0.82 | 22 |
| 90-DU-2000 | 0.5 | 3.76 | 6 | 225 | 2.5 | 0.61 | 0.1 | 19 | 96 | 58 | 6.26 | 12 | 1.30 | 77 |
| 90-DU-2001 | 0.3 | 3.19 | 7 | 168 | 2.5 | 1.66 | 0.1 | 19 | 74 | 54 | 5.40 | 5 | 0.93 | 75 |
| 90-DU-2007 | 0.4 | 4.72 | 9 | 165 | 2.5 | 0.50 | 0.1 | 24 | 100 | 93 | 7.46 | 15 | 1.32 | 115 |
| 90-DU-2009 | 0.6 | 3.82 | 3 | 149 | 2.5 | 3.75 | 0.1 | 21 | 100 | 44 | 6.28 | 12 | 1.43 | 87 |
| 90-DU-2010 | 0.6 | 5.70 | 28 | 112 | 2.5 | 0.41 | 0.1 | 24 | 115 | 58 | 7.97 | 15 | 0.96 | 57 |
| 90-DU-2011 | 0.9 | 5.73 | 24 | 169 | 2.5 | 0.34 | 0.1 | 30 | 147 | 95 | 9.56 | 16 | 2.19 | 47 |
| 90-DU-2012 | 1.0 | 5.27 | 57 | 160 | 2.5 | 0.45 | 0.1 | 29 | 123 | 151 | 9.36 | 14 | 1.64 | 64 |
| 90-DU-2018 | 0.6 | 1.89 | 3 | 113 | 2.5 | 2.41 | 0.1 | 10 | 52 | 20 | 2.96 | 5 | 0.98 | 47 |
| 90-DU-2019 | 0.6 | 2.67 | 9 | 125 | 2.5 | 10.00 | 0.1 | 13 | 62 | 51 | 4.19 | 5 | 0.91 | 60 |
| 90-DU-2020 | 0.7 | 2.78 | 18 | 121 | 2.5 | 10.00 | 0.1 | 13 | 64 | 39 | 4.41 | 5 | 1.10 | 73 |
| 90-DU-2023 | 0.7 | 1.41 | 9 | 78 | 2.5 | 3.23 | 0.1 | 8 | 30 | 21 | 2.07 | 5 | 0.54 | 39 |
| 90-DU-2025 | 0.2 | 3.21 | 3 | 159 | 2.5 | 3.38 | 0.1 | 16 | 77 | 59 | 5.45 | 5 | 1.13 | 52 |
| 90-DU-2028 | 0.8 | 1.71 | 6 | 90 | 2.5 | 3.04 | 0.1 | 9 | 37 | 23 | 2.46 | 5 | 0.66 | 44 |
| 90-DU-2029 | 0.5 | 2.61 | 13 | 132 | 2.5 | 3.70 | 0.1 | 15 | 71 | 72 | 4.91 | 5 | 0.88 | 44 |
| 90-DU-2032a | 0.5 | 3.56 | 10 | 147 | 2.5 | 6.32 | 0.1 | 16 | 81 | 36 | 5.89 | 10 | 1.39 | 76 |
| 90-DU-2032b | 0.4 | 2.82 | 6 | 167 | 2.5 | 1.47 | 0.1 | 19 | 79 | 64 | 4.96 | 5 | 0.72 | 54 |
| 90-DU-2039 | 0.9 | 2.59 | 8 | 154 | 2.5 | 1.95 | 0.1 | 13 | 69 | 37 | 4.07 | 5 | 1.19 | 64 |
| 90-DU-2041 | 0.8 | 5.83 | 29 | 288 | 2.5 | 0.76 | 0.1 | 32 | 177 | 158 | 10.00 | 12 | 2.39 | 82 |
| 90-DU-2042 | 0.5 | 5.33 | 7 | 184 | 2.5 | 1.87 | 0.1 | 23 | 113 | 75 | 8.36 | 15 | 1.77 | 91 |
| 90-DU-2043 | 0.5 | 5.43 | 3 | 190 | 2.5 | 0.48 | 0.1 | 24 | 110 | 82 | 8.82 | 15 | 1.99 | 96 |
| 90-DU-2044 | 0.4 | 4.26 | 13 | 108 | 2.5 | 0.36 | 0.1 | 23 | 105 | 80 | 7.13 | 11 | 0.88 | 77 |
| 90-DU-2045 | 0.1 | 1.45 | 3 | 47 | 2.5 | 1.12 | 0.1 | 13 | 53 | 41 | 3.85 | 5 | 0.39 | 50 |
| 90-DU-2046 | 0.5 | 4.49 | 10 | 163 | 2.5 | 1.56 | 0.1 | 24 | 111 | 88 | 8.43 | 11 | 1.63 | 93 |
| 90-DU-2047 | 0.4 | 4.77 | 12 | 151 | 2.5 | 0.65 | 0.1 | 29 | 145 | 156 | 10.00 | 13 | 1.68 | 130 |
| 90-DU-2050 | 0.2 | 5.50 | 13 | 220 | 2.5 | 0.62 | 0.1 | 37 | 547 | 111 | 9.16 | 13 | 1.39 | 88 |
| 90-DU-2051 | 0.3 | 3.57 | 3 | 100 | 2.5 | 0.82 | 0.1 | 20 | 94 | 84 | 6.93 | 5 | 0.98 | 85 |
| 90-DU-2052 | 0.3 | 3.84 | 3 | 109 | 2.5 | 0.65 | 0.1 | 18 | 89 | 109 | 6.08 | 11 | 1.05 | 110 |
| 90-DU-2053 | 0.1 | 2.24 | 8 | 56 | 2.5 | 0.28 | 0.1 | 15 | 63 | 43 | 6.29 | 5 | 0.56 | 96 |
| 90-DU-2054 | 0.5 | 5.30 | 9 | 146 | 2.5 | 0.63 | 0.1 | 19 | 93 | 64 | 8.16 | 19 | 1.24 | 123 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|
| Detection | 1 ppm | 0.01% | 1 ppm | 1 ppm | 0.01% | 1 ppm | 1 ppm | 2 ppm | 5 ppm | 20 ppm | 1 ppm | 10 ppm | 10 ppm | 0.001% |
| 90-DU-0001 | 53 | 1.75 | 400 | 4.0 | 0.72 | 2.5 | 54 | 34 | 2.5 | 10 | 26 | 35 | 5 | 0.05 |
| 90-DU-0023 | 18 | 0.82 | 200 | 4.0 | 1.29 | 2.5 | 30 | 44 | 2.5 | 10 | 252 | 39 | 5 | 0.03 |
| 90-DU-0038 | 42 | 2.00 | 600 | 2.0 | 0.41 | 2.5 | 37 | 17 | 2.5 | 10 | 192 | 50 | 5 | 0.11 |
| 90-DU-2000 | 69 | 2.73 | 600 | 0.5 | 0.51 | 2.5 | 60 | 19 | 2.5 | 10 | 26 | 51 | 5 | 0.28 |
| 90-DU-2001 | 57 | 3.01 | 600 | 0.5 | 0.74 | 2.5 | 49 | 25 | 2.5 | 10 | 19 | 41 | 5 | 0.19 |
| 90-DU-2007 | 70 | 3.57 | 800 | 0.5 | 0.50 | 2.5 | 81 | 29 | 2.5 | 10 | 13 | 51 | 14 | 0.28 |
| 90-DU-2009 | 62 | 3.45 | 500 | 0.5 | 0.43 | 2.5 | 60 | 22 | 2.5 | 10 | 37 | 56 | 14 | 0.28 |
| 90-DU-2010 | 75 | 2.66 | 600 | 2.0 | 0.81 | 2.5 | 70 | 32 | 2.5 | 10 | 12 | 48 | 5 | 0.06 |
| 90-DU-2011 | 110 | 3.88 | 700 | 2.0 | 0.52 | 2.5 | 108 | 26 | 2.5 | 10 | 9 | 59 | 11 | 0.30 |
| 90-DU-2012 | 101 | 3.36 | 600 | 2.0 | 0.60 | 2.5 | 127 | 26 | 2.5 | 10 | 14 | 58 | 5 | 0.26 |
| 90-DU-2018 | 46 | 3.06 | 400 | 3.0 | 0.26 | 6.0 | 34 | 13 | 2.5 | 10 | 101 | 63 | 5 | 0.16 |
| 90-DU-2019 | 50 | 2.74 | 400 | 3.0 | 0.41 | 2.5 | 39 | 21 | 2.5 | 10 | 70 | 89 | 5 | 0.18 |
| 90-DU-2020 | 55 | 2.99 | 400 | 2.0 | 0.39 | 2.5 | 39 | 17 | 2.5 | 10 | 77 | 80 | 5 | 0.21 |
| 90-DU-2023 | 29 | 2.12 | 300 | 2.0 | 0.23 | 6.0 | 20 | 13 | 2.5 | 10 | 135 | 65 | 11 | 0.10 |
| 90-DU-2025 | 45 | 2.42 | 500 | 0.5 | 0.54 | 2.5 | 47 | 14 | 2.5 | 10 | 33 | 60 | 5 | 0.22 |
| 90-DU-2028 | 33 | 2.13 | 300 | 0.5 | 0.29 | 7.0 | 24 | 14 | 2.5 | 10 | 128 | 71 | 5 | 0.11 |
| 90-DU-2029 | 43 | 2.34 | 400 | 0.5 | 0.64 | 2.5 | 51 | 24 | 2.5 | 10 | 29 | 49 | 10 | 0.18 |
| 90-DU-2032a | 60 | 2.78 | 500 | 0.5 | 0.56 | 2.5 | 45 | 19 | 2.5 | 10 | 47 | 71 | 12 | 0.23 |
| 90-DU-2032b | 46 | 2.26 | 500 | 0.5 | 0.66 | 2.5 | 56 | 21 | 2.5 | 10 | 19 | 38 | 5 | 0.12 |
| 90-DU-2039 | 53 | 3.23 | 400 | 1.0 | 0.39 | 6.0 | 47 | 15 | 2.5 | 10 | 81 | 66 | 12 | 0.17 |
| 90-DU-2041 | 94 | 4.74 | 800 | 5.0 | 0.51 | 2.5 | 100 | 43 | 2.5 | 10 | 16 | 85 | 5 | 0.35 |
| 90-DU-2042 | 97 | 5.58 | 700 | 2.0 | 0.51 | 2.5 | 77 | 36 | 2.5 | 10 | 20 | 82 | 14 | 0.27 |
| 90-DU-2043 | 91 | 4.55 | 700 | 2.0 | 0.63 | 2.5 | 67 | 35 | 2.5 | 10 | 15 | 63 | 5 | 0.29 |
| 90-DU-2044 | 62 | 2.95 | 600 | 0.5 | 0.56 | 2.5 | 58 | 34 | 2.5 | 10 | 10 | 46 | 5 | 0.15 |
| 90-DU-2045 | 13 | 1.05 | 300 | 0.5 | 0.51 | 2.5 | 26 | 20 | 2.5 | 10 | 21 | 25 | 5 | 0.10 |
| 90-DU-2046 | 74 | 3.62 | 700 | 2.0 | 0.56 | 2.5 | 72 | 31 | 2.5 | 10 | 22 | 60 | 5 | 0.25 |
| 90-DU-2047 | 76 | 3.83 | 700 | 3.0 | 0.62 | 2.5 | 96 | 42 | 2.5 | 10 | 19 | 60 | 13 | 0.28 |
| 90-DU-2050 | 75 | 5.76 | 800 | 1.0 | 0.75 | 2.5 | 266 | 42 | 2.5 | 10 | 16 | 69 | 11 | 0.18 |
| 90-DU-2051 | 53 | 2.37 | 600 | 0.5 | 0.77 | 2.5 | 60 | 32 | 2.5 | 10 | 19 | 27 | 5 | 0.12 |
| 90-DU-2052 | 64 | 2.73 | 600 | 0.5 | 0.69 | 2.5 | 52 | 31 | 2.5 | 2000 | 16 | 29 | 5 | 0.25 |
| 90-DU-2053 | 51 | 1.69 | 600 | 2.0 | 0.35 | 2.5 | 33 | 43 | 2.5 | 10 | 7 | 22 | 11 | 0.12 |
| 90-DU-2054 | 112 | 5.60 | 600 | 0.5 | 0.51 | 2.5 | 69 | 39 | 2.5 | 10 | 11 | 64 | 15 | 0.27 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|-------------|-------|--------|-------|-------|-------|
| Detection | 1 ppm | 20 ppm | 1 ppm | 1 ppm | 1 ppm |
| 90-DU-0001 | 73 | 10 | 16 | 113 | 2.5 |
| 90-DU-0023 | 41 | 10 | 11 | 75 | 2.5 |
| 90-DU-0038 | 55 | 10 | 16 | 92 | 2.5 |
| 90-DU-2000 | 85 | 10 | 18 | 119 | 9 |
| 90-DU-2001 | 64 | 10 | 15 | 106 | 2.5 |
| 90-DU-2007 | 89 | 10 | 24 | 110 | 11 |
| 90-DU-2009 | 88 | 10 | 17 | 116 | 12 |
| 90-DU-2010 | 119 | 10 | 23 | 113 | 2.5 |
| 90-DU-2011 | 145 | 10 | 19 | 136 | 34 |
| 90-DU-2012 | 124 | 10 | 24 | 248 | 10 |
| 90-DU-2018 | 45 | 10 | 17 | 71 | 2.5 |
| 90-DU-2019 | 57 | 10 | 16 | 84 | 2.5 |
| 90-DU-2020 | 59 | 10 | 14 | 89 | 12 |
| 90-DU-2023 | 33 | 10 | 17 | 47 | 2.5 |
| 90-DU-2025 | 64 | 10 | 14 | 93 | 2.5 |
| 90-DU-2028 | 37 | 10 | 18 | 56 | 2.5 |
| 90-DU-2029 | 58 | 10 | 14 | 82 | 2.5 |
| 90-DU-2032a | 72 | 10 | 17 | 107 | 13 |
| 90-DU-2032b | 52 | 10 | 15 | 78 | 2.5 |
| 90-DU-2039 | 55 | 10 | 20 | 87 | 10 |
| 90-DU-2041 | 144 | 10 | 20 | 219 | 10 |
| 90-DU-2042 | 105 | 10 | 18 | 171 | 22 |
| 90-DU-2043 | 103 | 10 | 16 | 144 | 15 |
| 90-DU-2044 | 86 | 10 | 17 | 99 | 2.5 |
| 90-DU-2045 | 53 | 10 | 18 | 41 | 2.5 |
| 90-DU-2046 | 109 | 10 | 23 | 183 | 7 |
| 90-DU-2047 | 123 | 10 | 22 | 230 | 25 |
| 90-DU-2050 | 120 | 10 | 20 | 146 | 2.5 |
| 90-DU-2051 | 93 | 10 | 24 | 124 | 2.5 |
| 90-DU-2052 | 71 | 10 | 22 | 106 | 2.5 |
| 90-DU-2053 | 54 | 10 | 24 | 60 | 8 |
| 90-DU-2054 | 121 | 10 | 24 | 161 | 25 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|------------|-----|------|----|-----|-----|-------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2055 | 0.9 | 5.13 | 3 | 211 | 2.5 | 2.78 | 0.1 | 19 | 103 | 60 | 7.80 | 15 | 2.04 | 88 |
| 90-DU-2056 | 0.5 | 4.17 | 3 | 212 | 2.5 | 0.85 | 0.1 | 20 | 114 | 68 | 7.07 | 11 | 1.67 | 103 |
| 90-DU-2057 | 0.8 | 4.05 | 3 | 210 | 2.5 | 2.34 | 0.1 | 21 | 96 | 82 | 6.60 | 12 | 1.51 | 60 |
| 90-DU-2058 | 0.9 | 2.20 | 6 | 122 | 2.5 | 2.44 | 0.1 | 10 | 57 | 27 | 3.30 | 5 | 1.00 | 50 |
| 90-DU-2061 | 0.8 | 3.23 | 3 | 170 | 2.5 | 10.00 | 0.1 | 14 | 68 | 42 | 5.11 | 11 | 1.43 | 85 |
| 90-DU-2063 | 0.7 | 3.77 | 3 | 178 | 2.5 | 6.22 | 0.1 | 17 | 76 | 52 | 5.84 | 5 | 1.38 | 79 |
| 90-DU-2064 | 0.3 | 5.05 | 12 | 120 | 2.5 | 0.30 | 0.1 | 22 | 115 | 82 | 8.71 | 14 | 1.41 | 105 |
| 90-DU-2066 | 0.5 | 5.00 | 10 | 216 | 2.5 | 0.37 | 0.1 | 25 | 97 | 82 | 9.97 | 13 | 1.42 | 170 |
| 90-DU-2067 | 0.1 | 2.88 | 3 | 97 | 2.5 | 0.27 | 0.1 | 17 | 54 | 46 | 5.20 | 5 | 0.72 | 105 |
| 90-DU-2068 | 0.2 | 3.78 | 3 | 108 | 2.5 | 0.30 | 0.1 | 20 | 107 | 49 | 6.58 | 11 | 0.92 | 57 |
| 90-DU-2070 | 0.8 | 1.53 | 3 | 94 | 2.5 | 2.88 | 0.1 | 8 | 39 | 18 | 2.40 | 5 | 0.76 | 36 |
| 90-DU-2073 | 0.7 | 4.97 | 37 | 162 | 2.5 | 1.08 | 0.1 | 30 | 109 | 158 | 9.74 | 11 | 1.53 | 87 |
| 90-DU-2074 | 0.8 | 5.79 | 14 | 220 | 2.5 | 0.44 | 0.1 | 23 | 98 | 117 | 9.77 | 13 | 1.72 | 119 |
| 90-DU-2075 | 0.9 | 5.25 | 34 | 152 | 2.5 | 0.34 | 0.1 | 22 | 92 | 107 | 10.00 | 11 | 1.19 | 90 |
| 90-DU-2076 | 0.8 | 4.85 | 3 | 179 | 2.5 | 0.43 | 0.1 | 23 | 107 | 91 | 8.90 | 12 | 1.44 | 101 |
| 90-DU-2080 | 0.1 | 1.79 | 3 | 83 | 2.5 | 0.74 | 0.1 | 13 | 48 | 36 | 4.52 | 5 | 0.40 | 65 |
| 90-DU-2081 | 0.5 | 4.13 | 7 | 204 | 2.5 | 0.39 | 0.1 | 31 | 92 | 85 | 10.00 | 11 | 0.87 | 170 |
| 90-DU-2086 | 1.5 | 4.17 | 9 | 35 | 2.5 | 0.09 | 0.1 | 21 | 102 | 190 | 10.00 | 5 | 1.00 | 71 |
| 90-DU-2087 | 1.0 | 6.22 | 12 | 234 | 2.5 | 0.08 | 0.1 | 31 | 177 | 210 | 10.00 | 11 | 0.79 | 47 |
| 90-DU-2089 | 0.9 | 1.96 | 11 | 109 | 2.5 | 2.13 | 0.1 | 12 | 51 | 35 | 3.37 | 5 | 0.63 | 25 |
| 90-DU-2092 | 0.8 | 4.19 | 15 | 230 | 2.5 | 0.35 | 0.1 | 26 | 165 | 97 | 8.52 | 12 | 1.10 | 63 |
| 90-DU-2094 | 0.8 | 4.16 | 5 | 156 | 2.5 | 1.90 | 0.1 | 20 | 85 | 55 | 7.33 | 12 | 1.40 | 88 |
| 90-DU-2099 | 0.8 | 5.64 | 14 | 209 | 2.5 | 0.37 | 0.1 | 22 | 95 | 97 | 9.47 | 11 | 1.09 | 101 |
| 90-DU-2100 | 0.9 | 5.46 | 13 | 199 | 2.5 | 0.28 | 0.1 | 26 | 130 | 95 | 10.00 | 14 | 1.32 | 80 |
| 90-DU-2102 | 0.4 | 2.52 | 6 | 29 | 2.5 | 0.04 | 0.1 | 7 | 58 | 47 | 3.77 | 5 | 0.11 | 53 |
| 90-DU-2106 | 0.9 | 4.85 | 10 | 174 | 2.5 | 0.18 | 0.1 | 39 | 102 | 150 | 10.00 | 12 | 0.98 | 72 |
| 90-DU-2107 | 0.9 | 3.97 | 3 | 248 | 2.5 | 0.19 | 0.1 | 36 | 86 | 83 | 8.74 | 5 | 0.89 | 37 |
| 90-DU-2108 | 0.4 | 2.64 | 3 | 104 | 2.5 | 0.57 | 0.1 | 28 | 77 | 74 | 7.33 | 5 | 0.47 | 65 |
| 90-DU-2110 | 0.7 | 3.56 | 10 | 226 | 2.5 | 0.38 | 0.1 | 44 | 109 | 135 | 8.46 | 5 | 0.87 | 48 |
| 90-DU-2114 | 0.8 | 2.85 | 11 | 196 | 2.5 | 0.41 | 0.1 | 42 | 103 | 123 | 8.94 | 5 | 0.60 | 73 |
| 90-DU-2115 | 1.1 | 3.85 | 16 | 268 | 2.5 | 0.29 | 0.1 | 32 | 149 | 116 | 9.87 | 5 | 1.02 | 34 |
| 90-DU-2116 | 0.8 | 1.76 | 11 | 90 | 2.5 | 2.94 | 0.1 | 10 | 43 | 32 | 3.26 | 5 | 0.66 | 29 |
| 90-DU-2117 | 0.1 | 4.44 | 3 | 135 | 2.5 | 0.26 | 0.1 | 26 | 126 | 66 | 9.18 | 14 | 1.31 | 108 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|------------|-----|------|------|------|------|-----|-----|----|-----|----|----|----|----|------|
| 90-DU-2055 | 97 | 3.92 | 600 | 0.5 | 0.53 | 2.5 | 65 | 32 | 2.5 | 10 | 30 | 68 | 12 | 0.37 |
| 90-DU-2056 | 70 | 3.29 | 600 | 0.5 | 0.55 | 2.5 | 71 | 22 | 2.5 | 10 | 24 | 47 | 13 | 0.34 |
| 90-DU-2057 | 71 | 3.51 | 600 | 0.5 | 0.64 | 5.0 | 61 | 28 | 2.5 | 10 | 20 | 40 | 5 | 0.29 |
| 90-DU-2058 | 47 | 2.96 | 400 | 0.5 | 0.32 | 5.0 | 35 | 16 | 2.5 | 10 | 90 | 75 | 11 | 0.16 |
| 90-DU-2061 | 56 | 2.99 | 500 | 0.5 | 0.38 | 2.5 | 41 | 21 | 2.5 | 10 | 66 | 93 | 5 | 0.28 |
| 90-DU-2063 | 59 | 3.24 | 600 | 0.5 | 0.51 | 2.5 | 50 | 22 | 2.5 | 10 | 45 | 75 | 5 | 0.30 |
| 90-DU-2064 | 101 | 4.64 | 900 | 2.0 | 0.59 | 2.5 | 63 | 49 | 2.5 | 10 | 9 | 61 | 10 | 0.34 |
| 90-DU-2066 | 74 | 5.61 | 700 | 4.0 | 0.62 | 2.5 | 75 | 35 | 2.5 | 10 | 9 | 76 | 5 | 0.34 |
| 90-DU-2067 | 50 | 1.87 | 500 | 3.0 | 0.59 | 2.5 | 32 | 35 | 2.5 | 10 | 12 | 23 | 5 | 0.16 |
| 90-DU-2068 | 55 | 2.46 | 600 | 2.0 | 0.61 | 2.5 | 66 | 34 | 2.5 | 10 | 13 | 26 | 5 | 0.20 |
| 90-DU-2070 | 31 | 3.01 | 300 | 0.5 | 0.21 | 5.0 | 25 | 13 | 2.5 | 10 | 86 | 81 | 5 | 0.14 |
| 90-DU-2073 | 83 | 3.50 | 600 | 4.0 | 0.65 | 5.0 | 126 | 40 | 2.5 | 10 | 19 | 65 | 12 | 0.29 |
| 90-DU-2074 | 75 | 3.17 | 600 | 3.0 | 0.55 | 2.5 | 81 | 32 | 2.5 | 10 | 14 | 61 | 12 | 0.37 |
| 90-DU-2075 | 77 | 2.72 | 500 | 6.0 | 0.60 | 2.5 | 105 | 42 | 2.5 | 10 | 14 | 40 | 5 | 0.21 |
| 90-DU-2076 | 65 | 3.30 | 600 | 2.0 | 0.60 | 2.5 | 79 | 29 | 2.5 | 10 | 13 | 55 | 5 | 0.34 |
| 90-DU-2080 | 20 | 1.23 | 400 | 0.5 | 0.77 | 2.5 | 33 | 14 | 2.5 | 10 | 15 | 23 | 5 | 0.04 |
| 90-DU-2081 | 56 | 2.57 | 900 | 2.0 | 0.66 | 2.5 | 68 | 35 | 2.5 | 10 | 21 | 51 | 5 | 0.13 |
| 90-DU-2086 | 30 | 1.94 | 200 | 25.0 | 0.47 | 6.0 | 79 | 49 | 2.5 | 10 | 74 | 41 | 5 | 0.06 |
| 90-DU-2087 | 48 | 2.66 | 500 | 11.0 | 0.48 | 2.5 | 120 | 63 | 2.5 | 10 | 13 | 49 | 5 | 0.18 |
| 90-DU-2089 | 37 | 2.50 | 200 | 0.5 | 0.37 | 6.0 | 59 | 15 | 2.5 | 10 | 78 | 77 | 11 | 0.11 |
| 90-DU-2092 | 53 | 3.81 | 500 | 2.0 | 0.63 | 2.5 | 142 | 33 | 2.5 | 10 | 12 | 43 | 12 | 0.32 |
| 90-DU-2094 | 63 | 3.16 | 500 | 2.0 | 0.48 | 2.5 | 57 | 26 | 2.5 | 10 | 26 | 48 | 13 | 0.32 |
| 90-DU-2099 | 51 | 2.54 | 400 | 5.0 | 0.62 | 2.5 | 90 | 28 | 2.5 | 10 | 13 | 44 | 13 | 0.22 |
| 90-DU-2100 | 54 | 2.84 | 500 | 5.0 | 0.57 | 5.0 | 81 | 26 | 2.5 | 10 | 11 | 40 | 11 | 0.37 |
| 90-DU-2102 | 10 | 0.39 | 200 | 3.0 | 0.92 | 8.0 | 21 | 20 | 2.5 | 10 | 4 | 11 | 5 | 0.07 |
| 90-DU-2106 | 42 | 2.66 | 1000 | 7.0 | 0.49 | 5.0 | 102 | 31 | 2.5 | 10 | 10 | 37 | 10 | 0.25 |
| 90-DU-2107 | 31 | 2.96 | 800 | 2.0 | 0.53 | 2.5 | 86 | 20 | 2.5 | 10 | 10 | 35 | 5 | 0.27 |
| 90-DU-2108 | 23 | 1.66 | 500 | 3.0 | 0.59 | 2.5 | 61 | 18 | 2.5 | 10 | 19 | 53 | 12 | 0.04 |
| 90-DU-2110 | 38 | 2.72 | 700 | 5.0 | 0.52 | 2.5 | 120 | 16 | 2.5 | 10 | 14 | 20 | 5 | 0.09 |
| 90-DU-2114 | 28 | 2.75 | 1200 | 3.0 | 0.76 | 2.5 | 101 | 20 | 2.5 | 10 | 17 | 35 | 11 | 0.02 |
| 90-DU-2115 | 37 | 3.33 | 500 | 3.0 | 0.36 | 2.5 | 121 | 20 | 2.5 | 10 | 18 | 43 | 12 | 0.20 |
| 90-DU-2116 | 36 | 2.31 | 300 | 1.0 | 0.28 | 5.0 | 30 | 15 | 2.5 | 10 | 94 | 83 | 5 | 0.12 |
| 90-DU-2117 | 71 | 2.98 | 900 | 2.0 | 0.72 | 2.5 | 66 | 44 | 2.5 | 10 | 10 | 34 | 5 | 0.08 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|------------|-----|----|----|-----|-----|
| 90-DU-2055 | 113 | 10 | 22 | 143 | 22 |
| 90-DU-2056 | 87 | 10 | 18 | 133 | 13 |
| 90-DU-2057 | 78 | 10 | 17 | 127 | 2.5 |
| 90-DU-2058 | 45 | 10 | 20 | 69 | 2.5 |
| 90-DU-2061 | 65 | 10 | 15 | 101 | 15 |
| 90-DU-2063 | 67 | 10 | 17 | 114 | 16 |
| 90-DU-2064 | 98 | 10 | 27 | 164 | 2.5 |
| 90-DU-2066 | 105 | 10 | 33 | 170 | 2.5 |
| 90-DU-2067 | 54 | 10 | 15 | 100 | 2.5 |
| 90-DU-2068 | 77 | 10 | 11 | 99 | 2.5 |
| 90-DU-2070 | 36 | 10 | 15 | 55 | 2.5 |
| 90-DU-2073 | 120 | 10 | 23 | 317 | 2.5 |
| 90-DU-2074 | 112 | 10 | 28 | 220 | 26 |
| 90-DU-2075 | 114 | 10 | 28 | 307 | 7 |
| 90-DU-2076 | 108 | 10 | 18 | 206 | 7 |
| 90-DU-2080 | 55 | 10 | 15 | 68 | 2.5 |
| 90-DU-2081 | 114 | 10 | 25 | 168 | 2.5 |
| 90-DU-2086 | 128 | 10 | 9 | 151 | 2.5 |
| 90-DU-2087 | 207 | 10 | 15 | 197 | 2.5 |
| 90-DU-2089 | 51 | 10 | 15 | 68 | 2.5 |
| 90-DU-2092 | 103 | 10 | 15 | 157 | 2.5 |
| 90-DU-2094 | 97 | 10 | 17 | 153 | 22 |
| 90-DU-2099 | 121 | 10 | 28 | 203 | 6 |
| 90-DU-2100 | 145 | 10 | 19 | 166 | 15 |
| 90-DU-2102 | 54 | 10 | 19 | 30 | 2.5 |
| 90-DU-2106 | 110 | 10 | 20 | 248 | 2.5 |
| 90-DU-2107 | 98 | 10 | 11 | 176 | 2.5 |
| 90-DU-2108 | 89 | 10 | 18 | 117 | 2.5 |
| 90-DU-2110 | 114 | 10 | 13 | 188 | 2.5 |
| 90-DU-2114 | 91 | 10 | 14 | 161 | 2.5 |
| 90-DU-2115 | 114 | 10 | 10 | 215 | 2.5 |
| 90-DU-2116 | 51 | 10 | 16 | 69 | 6 |
| 90-DU-2117 | 106 | 10 | 18 | 156 | 2.5 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|------------|-----|------|----|-----|-----|-------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2118 | 1.0 | 4.37 | 12 | 210 | 2.5 | 0.25 | 0.1 | 34 | 129 | 113 | 10.00 | 5 | 0.80 | 71 |
| 90-DU-2119 | 0.5 | 2.28 | 3 | 126 | 2.5 | 0.45 | 0.1 | 34 | 106 | 122 | 7.13 | 5 | 0.40 | 60 |
| 90-DU-2123 | 0.7 | 5.74 | 3 | 171 | 2.5 | 0.19 | 0.1 | 26 | 102 | 150 | 10.00 | 12 | 1.42 | 116 |
| 90-DU-2128 | 0.7 | 5.74 | 5 | 188 | 2.5 | 0.23 | 0.1 | 30 | 121 | 113 | 10.00 | 15 | 1.95 | 148 |
| 90-DU-2131 | 0.6 | 5.07 | 13 | 205 | 2.5 | 0.30 | 0.1 | 33 | 168 | 107 | 10.00 | 13 | 1.57 | 125 |
| 90-DU-2132 | 0.2 | 5.25 | 3 | 230 | 2.5 | 0.41 | 0.1 | 33 | 112 | 122 | 10.00 | 16 | 1.44 | 139 |
| 90-DU-2135 | 0.9 | 6.51 | 9 | 285 | 2.5 | 0.51 | 0.1 | 20 | 109 | 135 | 10.00 | 21 | 3.13 | 209 |
| 90-DU-2139 | 0.8 | 4.13 | 3 | 277 | 2.5 | 0.46 | 0.1 | 35 | 230 | 127 | 9.64 | 5 | 0.97 | 83 |
| 90-DU-2140 | 0.4 | 4.49 | 3 | 169 | 2.5 | 0.45 | 0.1 | 27 | 99 | 83 | 8.05 | 11 | 0.98 | 94 |
| 90-DU-2141 | 1.0 | 4.68 | 7 | 319 | 2.5 | 0.36 | 0.1 | 35 | 256 | 96 | 9.16 | 13 | 1.53 | 86 |
| 90-DU-2142 | 0.6 | 3.19 | 11 | 195 | 2.5 | 0.49 | 0.1 | 25 | 123 | 90 | 7.85 | 5 | 0.93 | 61 |
| 90-DU-2146 | 1.0 | 4.21 | 3 | 290 | 2.5 | 0.40 | 0.1 | 39 | 127 | 220 | 10.00 | 5 | 1.21 | 55 |
| 90-DU-2148 | 0.4 | 4.06 | 3 | 167 | 2.5 | 0.49 | 0.1 | 32 | 122 | 114 | 9.26 | 5 | 0.93 | 82 |
| 90-DU-2155 | 0.8 | 1.39 | 3 | 50 | 2.5 | 3.33 | 0.1 | 7 | 35 | 19 | 1.89 | 5 | 0.47 | 20 |
| 90-DU-2156 | 0.6 | 2.72 | 14 | 74 | 2.5 | 10.00 | 0.1 | 12 | 64 | 21 | 3.66 | 5 | 0.74 | 23 |
| 90-DU-2159 | 0.1 | 5.12 | 11 | 215 | 2.5 | 0.41 | 0.1 | 27 | 108 | 148 | 9.12 | 15 | 1.76 | 236 |
| 90-DU-2170 | 0.1 | 4.24 | 13 | 183 | 2.5 | 0.51 | 0.1 | 28 | 80 | 99 | 8.69 | 13 | 1.49 | 139 |
| 90-DU-2172 | 0.1 | 1.68 | 3 | 24 | 15 | 0.05 | 0.1 | 11 | 43 | 108 | 2.03 | 10 | 1.72 | 14 |
| 90-DU-2173 | 0.5 | 6.48 | 3 | 169 | 2.5 | 0.20 | 0.1 | 28 | 100 | 133 | 10.00 | 14 | 1.45 | 73 |
| 90-DU-2175 | 0.7 | 6.13 | 3 | 230 | 2.5 | 1.10 | 0.1 | 20 | 119 | 62 | 8.00 | 15 | 2.73 | 89 |
| 90-DU-2176 | 0.5 | 5.53 | 3 | 190 | 2.5 | 2.00 | 0.1 | 18 | 102 | 72 | 7.30 | 14 | 2.24 | 87 |
| 90-DU-2177 | 0.5 | 4.52 | 6 | 175 | 2.5 | 0.83 | 0.1 | 19 | 80 | 82 | 5.61 | 11 | 1.40 | 79 |
| 90-DU-2178 | 0.6 | 5.80 | 16 | 225 | 2.5 | 0.53 | 0.1 | 22 | 93 | 99 | 8.14 | 13 | 1.76 | 88 |
| 90-DU-2179 | 0.7 | 5.79 | 9 | 260 | 2.5 | 1.01 | 0.1 | 22 | 113 | 125 | 8.70 | 15 | 2.12 | 103 |
| 90-DU-2181 | 0.7 | 5.22 | 7 | 188 | 2.5 | 0.40 | 0.1 | 28 | 123 | 114 | 9.49 | 13 | 1.65 | 97 |
| 90-DU-2183 | 0.6 | 5.16 | 6 | 179 | 2.5 | 0.52 | 0.1 | 25 | 135 | 114 | 9.19 | 15 | 2.22 | 107 |
| 90-DU-2184 | 0.7 | 5.49 | 18 | 183 | 2.5 | 0.43 | 0.1 | 24 | 109 | 130 | 9.00 | 16 | 1.64 | 121 |
| 90-DU-2185 | 0.1 | 2.34 | 3 | 60 | 2.5 | 0.90 | 0.1 | 17 | 92 | 77 | 5.94 | 5 | 0.72 | 148 |
| 90-DU-2186 | 0.1 | 1.72 | 3 | 47 | 2.5 | 0.66 | 0.1 | 11 | 51 | 29 | 3.72 | 5 | 0.43 | 67 |
| 90-DU-2188 | 0.6 | 5.98 | 3 | 146 | 2.5 | 0.24 | 0.1 | 26 | 140 | 106 | 10.00 | 19 | 2.03 | 106 |
| 90-DU-2190 | 0.3 | 5.16 | 3 | 191 | 2.5 | 0.38 | 0.1 | 24 | 84 | 80 | 9.56 | 16 | 2.13 | 181 |
| 90-DU-2191 | 0.5 | 5.49 | 3 | 162 | 2.5 | 0.40 | 0.1 | 27 | 160 | 146 | 10.00 | 16 | 1.95 | 106 |
| 90-DU-2195 | 0.6 | 5.14 | 3 | 204 | 2.5 | 4.41 | 0.1 | 18 | 86 | 101 | 7.99 | 13 | 1.61 | 74 |
| 90-DU-2196 | 0.9 | 5.97 | 9 | 225 | 2.5 | 0.53 | 0.1 | 22 | 109 | 147 | 9.47 | 14 | 1.66 | 90 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|------------|-----|------|-----|------|------|-----|-----|----|-----|----|-----|-----|----|------|
| 90-DU-2118 | 48 | 3.30 | 800 | 2.0 | 0.96 | 2.5 | 90 | 20 | 2.5 | 10 | 13 | 57 | 14 | 0.11 |
| 90-DU-2119 | 24 | 1.71 | 900 | 2.0 | 1.63 | 2.5 | 82 | 23 | 2.5 | 10 | 18 | 32 | 5 | 0.03 |
| 90-DU-2123 | 63 | 2.89 | 500 | 9.0 | 0.70 | 2.5 | 96 | 26 | 2.5 | 10 | 9 | 46 | 5 | 0.31 |
| 90-DU-2128 | 70 | 3.67 | 600 | 8.0 | 0.65 | 2.5 | 93 | 26 | 2.5 | 10 | 9 | 79 | 10 | 0.39 |
| 90-DU-2131 | 66 | 3.32 | 600 | 5.0 | 0.71 | 2.5 | 133 | 24 | 2.5 | 10 | 10 | 49 | 16 | 0.25 |
| 90-DU-2132 | 78 | 3.40 | 900 | 4.0 | 0.58 | 2.5 | 87 | 34 | 2.5 | 10 | 16 | 63 | 12 | 0.33 |
| 90-DU-2135 | 149 | 3.35 | 900 | 5.0 | 0.59 | 5.0 | 86 | 40 | 2.5 | 10 | 27 | 53 | 5 | 1.44 |
| 90-DU-2139 | 69 | 4.61 | 700 | 2.0 | 0.83 | 2.5 | 222 | 22 | 2.5 | 10 | 17 | 57 | 14 | 0.32 |
| 90-DU-2140 | 56 | 2.40 | 700 | 4.0 | 0.78 | 2.5 | 60 | 27 | 2.5 | 10 | 13 | 19 | 11 | 0.10 |
| 90-DU-2141 | 88 | 5.13 | 700 | 2.0 | 0.69 | 2.5 | 236 | 21 | 2.5 | 10 | 16 | 48 | 12 | 0.41 |
| 90-DU-2142 | 51 | 2.65 | 500 | 2.0 | 0.89 | 2.5 | 98 | 20 | 2.5 | 10 | 16 | 34 | 10 | 0.04 |
| 90-DU-2146 | 56 | 4.24 | 600 | 8.0 | 0.83 | 2.5 | 162 | 21 | 2.5 | 10 | 14 | 40 | 14 | 0.22 |
| 90-DU-2148 | 52 | 2.59 | 700 | 4.0 | 0.77 | 2.5 | 100 | 31 | 2.5 | 10 | 14 | 21 | 5 | 0.14 |
| 90-DU-2155 | 31 | 1.89 | 200 | 0.5 | 0.31 | 5.0 | 25 | 11 | 2.5 | 10 | 120 | 22 | 11 | 0.07 |
| 90-DU-2156 | 59 | 3.15 | 200 | 0.5 | 0.64 | 2.5 | 36 | 17 | 2.5 | 10 | 78 | 47 | 5 | 0.11 |
| 90-DU-2159 | 93 | 3.37 | 700 | 3.0 | 0.61 | 2.5 | 76 | 38 | 2.5 | 10 | 18 | 36 | 12 | 0.40 |
| 90-DU-2170 | 75 | 2.60 | 900 | 4.0 | 0.78 | 2.5 | 53 | 40 | 2.5 | 10 | 16 | 32 | 11 | 0.10 |
| 90-DU-2172 | 42 | 0.97 | 300 | 64.0 | 0.48 | 2.5 | 43 | 49 | 2.5 | 10 | 26 | 2.5 | 5 | 0.03 |
| 90-DU-2173 | 77 | 2.48 | 600 | 8.0 | 0.56 | 2.5 | 91 | 40 | 2.5 | 10 | 10 | 18 | 5 | 0.50 |
| 90-DU-2175 | 102 | 4.73 | 600 | 1.0 | 0.58 | 2.5 | 76 | 29 | 2.5 | 10 | 21 | 53 | 12 | 0.53 |
| 90-DU-2176 | 94 | 3.70 | 400 | 2.0 | 0.57 | 2.5 | 69 | 29 | 2.5 | 10 | 28 | 34 | 13 | 0.45 |
| 90-DU-2177 | 64 | 2.55 | 500 | 0.5 | 0.52 | 2.5 | 62 | 30 | 2.5 | 10 | 22 | 18 | 5 | 0.37 |
| 90-DU-2178 | 107 | 3.60 | 700 | 1.0 | 0.68 | 2.5 | 100 | 33 | 2.5 | 10 | 16 | 35 | 10 | 0.43 |
| 90-DU-2179 | 108 | 3.74 | 700 | 2.0 | 0.60 | 2.5 | 92 | 41 | 2.5 | 10 | 21 | 44 | 10 | 0.44 |
| 90-DU-2181 | 89 | 3.52 | 800 | 3.0 | 0.65 | 2.5 | 91 | 36 | 2.5 | 10 | 12 | 41 | 11 | 0.37 |
| 90-DU-2183 | 86 | 3.85 | 800 | 1.0 | 0.52 | 2.5 | 76 | 32 | 2.5 | 10 | 21 | 44 | 5 | 0.41 |
| 90-DU-2184 | 93 | 3.54 | 700 | 2.0 | 0.65 | 2.5 | 96 | 28 | 2.5 | 10 | 15 | 27 | 5 | 0.34 |
| 90-DU-2185 | 36 | 2.03 | 600 | 1.0 | 0.55 | 2.5 | 40 | 26 | 2.5 | 10 | 24 | 18 | 5 | 0.16 |
| 90-DU-2186 | 24 | 1.10 | 400 | 1.0 | 0.31 | 2.5 | 25 | 20 | 2.5 | 10 | 18 | 22 | 5 | 0.18 |
| 90-DU-2188 | 101 | 3.89 | 900 | 2.0 | 0.52 | 2.5 | 71 | 37 | 2.5 | 10 | 10 | 37 | 5 | 0.39 |
| 90-DU-2190 | 97 | 3.37 | 900 | 1.0 | 0.45 | 2.5 | 54 | 35 | 2.5 | 10 | 14 | 49 | 10 | 0.39 |
| 90-DU-2191 | 95 | 3.56 | 900 | 2.0 | 0.72 | 2.5 | 80 | 41 | 2.5 | 10 | 12 | 45 | 5 | 0.20 |
| 90-DU-2195 | 95 | 3.63 | 600 | 2.0 | 0.60 | 2.5 | 88 | 34 | 2.5 | 10 | 38 | 44 | 5 | 0.32 |
| 90-DU-2196 | 100 | 4.24 | 600 | 3.0 | 0.63 | 2.5 | 116 | 33 | 2.5 | 10 | 16 | 32 | 11 | 0.36 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|------------|-----|----|----|-----|-----|
| 90-DU-2118 | 132 | 10 | 16 | 166 | 2.5 |
| 90-DU-2119 | 97 | 10 | 13 | 109 | 2.5 |
| 90-DU-2123 | 149 | 10 | 25 | 189 | 2.5 |
| 90-DU-2128 | 169 | 10 | 23 | 203 | 2.5 |
| 90-DU-2131 | 152 | 10 | 19 | 183 | 2.5 |
| 90-DU-2132 | 136 | 10 | 17 | 202 | 2.5 |
| 90-DU-2135 | 137 | 10 | 37 | 203 | 2.5 |
| 90-DU-2139 | 99 | 10 | 18 | 146 | 2.5 |
| 90-DU-2140 | 107 | 10 | 19 | 142 | 2.5 |
| 90-DU-2141 | 101 | 10 | 17 | 168 | 2.5 |
| 90-DU-2142 | 101 | 10 | 14 | 128 | 2.5 |
| 90-DU-2146 | 122 | 10 | 14 | 347 | 2.5 |
| 90-DU-2148 | 113 | 10 | 20 | 147 | 2.5 |
| 90-DU-2155 | 36 | 10 | 16 | 47 | 2.5 |
| 90-DU-2156 | 65 | 10 | 12 | 88 | 2.5 |
| 90-DU-2159 | 128 | 10 | 26 | 185 | 10 |
| 90-DU-2170 | 117 | 10 | 23 | 158 | 2.5 |
| 90-DU-2172 | 113 | 10 | 9 | 83 | 2.5 |
| 90-DU-2173 | 149 | 10 | 18 | 158 | 2.5 |
| 90-DU-2175 | 114 | 10 | 18 | 115 | 17 |
| 90-DU-2176 | 117 | 10 | 18 | 122 | 21 |
| 90-DU-2177 | 80 | 10 | 25 | 84 | 6 |
| 90-DU-2178 | 129 | 10 | 25 | 235 | 8 |
| 90-DU-2179 | 129 | 10 | 22 | 223 | 12 |
| 90-DU-2181 | 129 | 10 | 18 | 221 | 2.5 |
| 90-DU-2183 | 115 | 10 | 15 | 195 | 12 |
| 90-DU-2184 | 120 | 10 | 19 | 248 | 2.5 |
| 90-DU-2185 | 81 | 10 | 21 | 92 | 2.5 |
| 90-DU-2186 | 55 | 10 | 11 | 56 | 2.5 |
| 90-DU-2188 | 122 | 10 | 13 | 190 | 2.5 |
| 90-DU-2190 | 106 | 10 | 29 | 199 | 18 |
| 90-DU-2191 | 132 | 10 | 22 | 191 | 2.5 |
| 90-DU-2195 | 125 | 10 | 18 | 259 | 18 |
| 90-DU-2196 | 148 | 10 | 25 | 302 | 10 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|-------------|-----|------|----|-----|-----|------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2197 | 0.8 | 5.38 | 9 | 181 | 2.5 | 5.29 | 0.1 | 20 | 95 | 82 | 6.92 | 13 | 2.07 | 70 |
| 90-DU-2198 | 0.5 | 6.22 | 9 | 219 | 2.5 | 1.17 | 0.1 | 22 | 121 | 104 | 7.92 | 14 | 2.52 | 89 |
| 90-DU-2199 | 0.2 | 5.31 | 12 | 279 | 2.5 | 0.44 | 0.1 | 21 | 101 | 74 | 8.47 | 17 | 1.46 | 150 |
| 90-DU-2200 | 0.1 | 5.33 | 15 | 228 | 2.5 | 0.39 | 0.1 | 19 | 109 | 92 | 9.61 | 16 | 1.26 | 161 |
| 90-DU-2201 | 0.5 | 5.71 | 13 | 194 | 2.5 | 0.53 | 0.1 | 25 | 124 | 97 | 8.17 | 14 | 2.05 | 92 |
| 90-DU-2202 | 0.6 | 5.50 | 3 | 194 | 2.5 | 1.24 | 0.1 | 20 | 119 | 59 | 7.53 | 14 | 2.17 | 62 |
| 90-DU-2203 | 0.7 | 5.44 | 10 | 200 | 2.5 | 2.28 | 0.1 | 20 | 117 | 68 | 7.29 | 14 | 2.07 | 57 |
| 90-DU-2204 | 0.5 | 6.15 | 12 | 242 | 2.5 | 0.63 | 0.1 | 24 | 112 | 108 | 9.15 | 16 | 1.81 | 92 |
| 90-DU-2205a | 0.1 | 1.53 | 3 | 24 | 8 | 0.00 | 0.1 | 6 | 35 | 138 | 2.24 | 11 | 0.18 | 159 |
| 90-DU-2206 | 0.8 | 5.07 | 17 | 224 | 2.5 | 7.53 | 0.1 | 20 | 79 | 106 | 7.53 | 13 | 1.68 | 82 |
| 90-DU-2207 | 0.7 | 5.78 | 8 | 258 | 2.5 | 3.80 | 0.1 | 19 | 86 | 107 | 7.99 | 15 | 1.85 | 84 |
| 90-DU-2209 | 0.6 | 5.98 | 11 | 232 | 2.5 | 1.28 | 0.1 | 20 | 90 | 88 | 8.61 | 16 | 1.91 | 110 |
| 90-DU-2210 | 0.6 | 6.05 | 31 | 216 | 2.5 | 0.35 | 0.1 | 26 | 102 | 109 | 9.79 | 16 | 1.74 | 112 |
| 90-DU-2211 | 0.7 | 6.03 | 40 | 279 | 2.5 | 0.42 | 0.1 | 23 | 97 | 84 | 8.84 | 16 | 1.60 | 116 |
| 90-DU-2213 | 0.1 | 4.40 | 7 | 158 | 2.5 | 0.69 | 0.1 | 35 | 118 | 119 | 9.09 | 13 | 1.84 | 210 |
| 90-DU-2218 | 0.6 | 5.25 | 6 | 218 | 2.5 | 0.47 | 0.1 | 22 | 107 | 65 | 9.44 | 20 | 1.62 | 136 |
| 90-DU-2219 | 0.9 | 5.76 | 21 | 264 | 2.5 | 0.30 | 0.1 | 20 | 82 | 79 | 9.46 | 15 | 1.83 | 100 |
| 90-DU-2220 | 1.0 | 5.34 | 10 | 220 | 2.5 | 1.87 | 0.1 | 17 | 98 | 107 | 9.26 | 13 | 1.42 | 67 |
| 90-DU-2221 | 0.6 | 5.25 | 14 | 227 | 2.5 | 0.49 | 0.1 | 23 | 88 | 97 | 9.00 | 14 | 1.35 | 86 |
| 90-DU-2221g | 3.6 | 1.36 | 3 | 10 | 22 | 0.02 | 0.1 | 3 | 41 | 10 | 2.13 | 5 | 2.80 | 3 |
| 90-DU-2223 | 0.9 | 5.75 | 15 | 170 | 2.5 | 2.47 | 0.1 | 22 | 110 | 91 | 7.74 | 14 | 1.65 | 63 |
| 90-DU-2225g | 2.6 | 1.57 | 3 | 13 | 19 | 0.00 | 0.1 | 3 | 35 | 65 | 2.11 | 11 | 2.99 | 0.5 |
| 90-DU-2226 | 0.2 | 3.95 | 8 | 187 | 2.5 | 0.36 | 0.1 | 17 | 73 | 33 | 6.15 | 11 | 1.01 | 75 |
| 90-DU-2227 | 0.9 | 5.89 | 20 | 183 | 2.5 | 1.00 | 0.1 | 19 | 102 | 93 | 8.93 | 16 | 1.72 | 107 |
| 90-DU-2229 | 0.9 | 5.24 | 35 | 129 | 2.5 | 2.00 | 0.1 | 16 | 89 | 130 | 9.46 | 12 | 1.44 | 72 |
| 90-DU-2230 | 1.0 | 4.69 | 19 | 150 | 2.5 | 2.83 | 0.1 | 16 | 89 | 101 | 8.83 | 16 | 1.22 | 60 |
| 90-DU-2231 | 0.9 | 4.52 | 12 | 167 | 2.5 | 2.18 | 0.1 | 15 | 83 | 70 | 8.08 | 13 | 1.09 | 56 |
| 90-DU-2233 | 0.7 | 5.40 | 14 | 136 | 2.5 | 0.31 | 0.1 | 18 | 102 | 94 | 9.55 | 18 | 1.28 | 74 |
| 90-DU-2235 | 0.1 | 5.03 | 13 | 147 | 2.5 | 0.36 | 0.1 | 34 | 81 | 83 | 10.00 | 13 | 1.21 | 148 |
| 90-DU-2237 | 0.7 | 6.23 | 3 | 194 | 2.5 | 0.29 | 0.1 | 20 | 111 | 59 | 10.00 | 16 | 2.35 | 85 |
| 90-DU-2240 | 0.7 | 6.44 | 3 | 150 | 2.5 | 2.15 | 0.1 | 16 | 96 | 65 | 8.83 | 18 | 2.19 | 119 |
| 90-DU-2241 | 1.0 | 7.15 | 19 | 192 | 2.5 | 0.24 | 0.1 | 18 | 125 | 98 | 10.00 | 20 | 2.85 | 80 |
| 90-DU-2244 | 0.6 | 7.14 | 21 | 154 | 2.5 | 0.26 | 0.1 | 22 | 111 | 73 | 9.58 | 19 | 2.63 | 92 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|-------------|-----|------|------|------|------|-----|-----|----|-----|----|----|-----|----|------|
| 90-DU-2197 | 99 | 3.68 | 400 | 0.5 | 0.57 | 2.5 | 88 | 27 | 2.5 | 10 | 53 | 58 | 13 | 0.40 |
| 90-DU-2198 | 83 | 4.18 | 500 | 0.5 | 0.59 | 2.5 | 82 | 28 | 2.5 | 10 | 27 | 41 | 5 | 0.51 |
| 90-DU-2199 | 86 | 5.21 | 600 | 3.0 | 0.62 | 2.5 | 88 | 39 | 2.5 | 10 | 10 | 41 | 17 | 0.34 |
| 90-DU-2200 | 88 | 4.64 | 600 | 2.0 | 0.82 | 5.0 | 72 | 46 | 2.5 | 10 | 9 | 43 | 12 | 0.32 |
| 90-DU-2201 | 74 | 4.24 | 400 | 1.0 | 0.80 | 2.5 | 91 | 30 | 2.5 | 10 | 15 | 37 | 11 | 0.33 |
| 90-DU-2202 | 73 | 3.92 | 400 | 0.5 | 0.51 | 2.5 | 72 | 24 | 2.5 | 10 | 24 | 51 | 5 | 0.40 |
| 90-DU-2203 | 77 | 3.97 | 400 | 0.5 | 0.54 | 2.5 | 81 | 22 | 2.5 | 10 | 29 | 36 | 5 | 0.39 |
| 90-DU-2204 | 109 | 4.32 | 600 | 2.0 | 0.77 | 2.5 | 115 | 29 | 2.5 | 10 | 16 | 45 | 12 | 0.36 |
| 90-DU-2205a | 6 | 0.24 | 100 | 47.0 | 0.33 | 2.5 | 11 | 21 | 9 | 10 | 4 | 2.5 | 5 | 0.03 |
| 90-DU-2206 | 110 | 3.22 | 500 | 5.0 | 0.52 | 2.5 | 119 | 30 | 2.5 | 10 | 62 | 48 | 5 | 0.32 |
| 90-DU-2207 | 118 | 3.49 | 600 | 2.0 | 0.64 | 2.5 | 100 | 31 | 2.5 | 10 | 42 | 35 | 12 | 0.36 |
| 90-DU-2209 | 123 | 3.98 | 600 | 2.0 | 0.57 | 2.5 | 86 | 39 | 2.5 | 10 | 20 | 52 | 5 | 0.37 |
| 90-DU-2210 | 109 | 3.73 | 700 | 3.0 | 0.75 | 2.5 | 96 | 43 | 2.5 | 10 | 11 | 49 | 5 | 0.38 |
| 90-DU-2211 | 110 | 3.99 | 600 | 2.0 | 0.62 | 2.5 | 91 | 43 | 2.5 | 10 | 13 | 43 | 11 | 0.32 |
| 90-DU-2213 | 99 | 3.58 | 1100 | 1.0 | 1.26 | 2.5 | 70 | 37 | 2.5 | 10 | 21 | 43 | 11 | 0.03 |
| 90-DU-2218 | 82 | 4.37 | 800 | 0.5 | 0.56 | 2.5 | 66 | 36 | 2.5 | 10 | 10 | 34 | 13 | 0.32 |
| 90-DU-2219 | 90 | 3.45 | 600 | 3.0 | 0.53 | 2.5 | 75 | 23 | 2.5 | 10 | 12 | 27 | 14 | 0.32 |
| 90-DU-2220 | 89 | 3.37 | 500 | 6.0 | 0.56 | 2.5 | 104 | 35 | 2.5 | 10 | 27 | 34 | 10 | 0.29 |
| 90-DU-2221 | 95 | 3.51 | 700 | 2.0 | 0.60 | 2.5 | 100 | 31 | 2.5 | 10 | 13 | 32 | 10 | 0.28 |
| 90-DU-2221g | 18 | 0.65 | 100 | 55.0 | 0.59 | 2.5 | 3 | 22 | 6 | 10 | 42 | 2.5 | 5 | 0.05 |
| 90-DU-2223 | 96 | 4.52 | 500 | 1.0 | 0.67 | 2.5 | 93 | 31 | 2.5 | 10 | 30 | 45 | 5 | 0.32 |
| 90-DU-2225g | 11 | 0.28 | 1 | 15.0 | 0.41 | 2.5 | 5 | 52 | 2.5 | 10 | 10 | 2.5 | 5 | 0.04 |
| 90-DU-2226 | 63 | 2.35 | 600 | 0.5 | 0.41 | 2.5 | 47 | 27 | 2.5 | 10 | 16 | 19 | 11 | 0.22 |
| 90-DU-2227 | 96 | 3.80 | 500 | 0.5 | 0.71 | 2.5 | 76 | 30 | 2.5 | 10 | 21 | 54 | 12 | 0.35 |
| 90-DU-2229 | 101 | 3.60 | 500 | 7.0 | 0.59 | 2.5 | 135 | 33 | 2.5 | 10 | 32 | 43 | 5 | 0.26 |
| 90-DU-2230 | 79 | 3.76 | 500 | 4.0 | 0.63 | 2.5 | 97 | 20 | 2.5 | 10 | 32 | 51 | 18 | 0.25 |
| 90-DU-2231 | 63 | 3.44 | 500 | 0.5 | 0.47 | 2.5 | 60 | 23 | 2.5 | 10 | 23 | 35 | 15 | 0.26 |
| 90-DU-2233 | 81 | 4.90 | 600 | 4.0 | 0.55 | 2.5 | 81 | 28 | 2.5 | 10 | 9 | 44 | 10 | 0.27 |
| 90-DU-2235 | 89 | 3.46 | 900 | 4.0 | 0.74 | 2.5 | 74 | 51 | 2.5 | 10 | 16 | 36 | 13 | 0.08 |
| 90-DU-2237 | 126 | 3.61 | 600 | 2.0 | 0.76 | 5.0 | 71 | 40 | 2.5 | 10 | 10 | 42 | 11 | 0.36 |
| 90-DU-2240 | 106 | 3.40 | 600 | 2.0 | 0.62 | 2.5 | 66 | 57 | 2.5 | 10 | 36 | 46 | 13 | 0.35 |
| 90-DU-2241 | 112 | 3.68 | 800 | 3.0 | 0.62 | 2.5 | 138 | 42 | 2.5 | 10 | 11 | 45 | 11 | 0.46 |
| 90-DU-2244 | 142 | 4.05 | 600 | 2.0 | 0.77 | 2.5 | 78 | 53 | 2.5 | 10 | 10 | 2.5 | 10 | 0.38 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|-------------|-----|----|----|-----|-----|
| 90-DU-2197 | 111 | 10 | 17 | 520 | 18 |
| 90-DU-2198 | 121 | 10 | 17 | 104 | 13 |
| 90-DU-2199 | 107 | 10 | 26 | 231 | 18 |
| 90-DU-2200 | 115 | 10 | 38 | 175 | 2.5 |
| 90-DU-2201 | 119 | 10 | 19 | 123 | 2.5 |
| 90-DU-2202 | 114 | 10 | 13 | 83 | 12 |
| 90-DU-2203 | 118 | 10 | 15 | 117 | 14 |
| 90-DU-2204 | 134 | 10 | 25 | 258 | 2.5 |
| 90-DU-2205a | 45 | 10 | 29 | 51 | 2.5 |
| 90-DU-2206 | 128 | 10 | 26 | 309 | 17 |
| 90-DU-2207 | 126 | 10 | 21 | 270 | 15 |
| 90-DU-2209 | 118 | 10 | 23 | 245 | 25 |
| 90-DU-2210 | 129 | 10 | 28 | 206 | 2.5 |
| 90-DU-2211 | 117 | 10 | 28 | 270 | 9 |
| 90-DU-2213 | 107 | 10 | 28 | 181 | 2.5 |
| 90-DU-2218 | 115 | 10 | 17 | 179 | 15 |
| 90-DU-2219 | 120 | 10 | 19 | 209 | 15 |
| 90-DU-2220 | 147 | 10 | 21 | 331 | 17 |
| 90-DU-2221 | 129 | 10 | 22 | 250 | 2.5 |
| 90-DU-2221g | 108 | 10 | 7 | 36 | 2.5 |
| 90-DU-2223 | 126 | 10 | 20 | 141 | 19 |
| 90-DU-2225g | 132 | 10 | 6 | 44 | 9 |
| 90-DU-2226 | 68 | 10 | 13 | 95 | 2.5 |
| 90-DU-2227 | 121 | 10 | 21 | 167 | 10 |
| 90-DU-2229 | 125 | 10 | 23 | 423 | 11 |
| 90-DU-2230 | 124 | 10 | 18 | 390 | 2.5 |
| 90-DU-2231 | 101 | 10 | 14 | 232 | 11 |
| 90-DU-2233 | 124 | 10 | 16 | 288 | 15 |
| 90-DU-2235 | 113 | 10 | 29 | 212 | 2.5 |
| 90-DU-2237 | 120 | 10 | 19 | 187 | 2.5 |
| 90-DU-2240 | 113 | 10 | 28 | 220 | 35 |
| 90-DU-2241 | 162 | 10 | 24 | 416 | 19 |
| 90-DU-2244 | 119 | 10 | 27 | 189 | 21 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|-------------|-----|------|----|-----|-----|------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2245 | 1.2 | 5.62 | 3 | 207 | 2.5 | 0.50 | 0.1 | 35 | 98 | 225 | 10.00 | 15 | 2.35 | 112 |
| 90-DU-2245g | 0.1 | 0.90 | 3 | 17 | 14 | 0.04 | 0.1 | 9 | 49 | 32 | 2.34 | 12 | 3.24 | 42 |
| 90-DU-2248 | 0.9 | 6.95 | 19 | 127 | 2.5 | 0.19 | 0.1 | 34 | 94 | 150 | 9.34 | 14 | 1.46 | 61 |
| 90-DU-2250 | 0.7 | 7.25 | 20 | 278 | 2.5 | 0.25 | 0.1 | 25 | 75 | 85 | 10.00 | 15 | 2.72 | 99 |
| 90-DU-2252 | 0.7 | 6.14 | 67 | 132 | 2.5 | 3.72 | 0.1 | 23 | 80 | 131 | 8.92 | 13 | 1.91 | 96 |
| 90-DU-2254 | 0.4 | 6.93 | 29 | 176 | 2.5 | 0.80 | 0.1 | 24 | 89 | 116 | 10.00 | 17 | 2.11 | 185 |
| 90-DU-2257g | 3.8 | 0.92 | 22 | 36 | 2.5 | 0.17 | 0.1 | 2 | 103 | 31 | 10.00 | 5 | 0.49 | 15 |
| 90-DU-2258g | 0.8 | 6.22 | 3 | 85 | 2.5 | 0.19 | 0.1 | 22 | 152 | 4 | 5.12 | 11 | 1.79 | 20 |
| 90-DU-2259 | 0.6 | 6.29 | 18 | 191 | 2.5 | 4.17 | 0.1 | 25 | 88 | 102 | 7.61 | 13 | 1.99 | 85 |
| 90-DU-2264 | 0.6 | 4.12 | 20 | 130 | 2.5 | 0.99 | 0.1 | 15 | 86 | 66 | 6.94 | 11 | 1.53 | 70 |
| 90-DU-2269 | 0.1 | 1.49 | 3 | 48 | 2.5 | 0.82 | 0.1 | 11 | 37 | 38 | 3.24 | 5 | 0.34 | 67 |
| 90-DU-2271 | 0.1 | 1.52 | 3 | 27 | 2.5 | 0.59 | 0.1 | 7 | 35 | 28 | 2.35 | 5 | 0.16 | 57 |
| 90-DU-2272 | 0.1 | 0.85 | 3 | 25 | 2.5 | 1.25 | 0.1 | 6 | 33 | 14 | 2.86 | 5 | 0.17 | 38 |
| 90-DU-2276 | 0.1 | 1.42 | 3 | 43 | 2.5 | 1.38 | 0.1 | 11 | 49 | 29 | 4.11 | 5 | 0.37 | 60 |
| 90-DU-2277 | 0.1 | 2.65 | 3 | 81 | 2.5 | 1.26 | 0.1 | 10 | 53 | 38 | 4.11 | 5 | 0.69 | 67 |
| 90-DU-2278 | 0.3 | 3.97 | 6 | 326 | 2.5 | 0.80 | 0.1 | 37 | 799 | 55 | 6.34 | 5 | 0.96 | 64 |
| 90-DU-2279 | 0.5 | 4.33 | 3 | 145 | 2.5 | 0.73 | 0.1 | 17 | 157 | 96 | 7.46 | 14 | 1.69 | 71 |
| 90-DU-2280 | 0.5 | 3.77 | 3 | 121 | 2.5 | 1.07 | 0.1 | 12 | 67 | 51 | 5.61 | 10 | 1.27 | 68 |
| 90-DU-2281 | 0.3 | 4.06 | 8 | 112 | 2.5 | 0.80 | 0.1 | 18 | 96 | 84 | 7.33 | 10 | 1.35 | 70 |
| 90-DU-2285 | 0.9 | 1.54 | 7 | 81 | 2.5 | 3.28 | 0.1 | 6 | 28 | 25 | 2.35 | 5 | 0.59 | 48 |
| 90-DU-2286 | 0.6 | 2.82 | 7 | 140 | 2.5 | 1.62 | 0.1 | 10 | 47 | 41 | 4.06 | 5 | 0.87 | 44 |
| 90-DU-2288 | 0.8 | 2.26 | 7 | 119 | 2.5 | 2.61 | 0.1 | 9 | 45 | 26 | 3.40 | 5 | 1.07 | 49 |
| 90-DU-2290 | 0.1 | 1.49 | 3 | 48 | 2.5 | 0.75 | 0.1 | 9 | 35 | 36 | 3.25 | 5 | 0.32 | 53 |
| 90-DU-2292 | 0.4 | 4.46 | 3 | 171 | 2.5 | 0.66 | 0.1 | 19 | 190 | 91 | 8.08 | 13 | 1.68 | 99 |
| 90-DU-2294 | 0.3 | 2.56 | 15 | 66 | 2.5 | 1.07 | 0.1 | 12 | 61 | 88 | 5.29 | 5 | 0.57 | 81 |
| 90-DU-2296 | 0.4 | 4.22 | 7 | 159 | 2.5 | 0.90 | 0.1 | 16 | 78 | 76 | 6.55 | 12 | 1.45 | 74 |
| 90-DU-2302 | 0.1 | 3.13 | 7 | 84 | 2.5 | 1.01 | 0.1 | 14 | 72 | 63 | 4.90 | 5 | 0.85 | 51 |
| 90-DU-2312 | 0.3 | 3.54 | 13 | 114 | 2.5 | 1.06 | 0.1 | 18 | 73 | 86 | 5.76 | 5 | 1.03 | 83 |
| 90-DU-2313 | 0.1 | 2.13 | 7 | 39 | 2.5 | 0.58 | 0.1 | 15 | 44 | 55 | 3.70 | 5 | 0.30 | 66 |
| 90-DU-2314 | 0.1 | 3.29 | 7 | 103 | 2.5 | 0.84 | 0.1 | 17 | 77 | 74 | 5.95 | 5 | 1.13 | 89 |
| 90-DU-2316 | 0.1 | 2.12 | 3 | 55 | 2.5 | 0.49 | 0.1 | 19 | 61 | 87 | 6.26 | 5 | 0.44 | 103 |
| 90-DU-2317 | 0.1 | 2.83 | 7 | 88 | 2.5 | 0.62 | 0.1 | 14 | 70 | 57 | 6.40 | 5 | 0.98 | 86 |
| 90-DU-2318 | 0.4 | 2.25 | 3 | 123 | 2.5 | 2.49 | 0.1 | 9 | 41 | 48 | 3.37 | 5 | 0.96 | 80 |
| 90-DU-2319 | 0.1 | 4.36 | 3 | 182 | 2.5 | 2.99 | 0.1 | 18 | 97 | 52 | 6.99 | 12 | 1.36 | 75 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|-------------|-----|------|-----|------|------|-----|-----|----|-----|-----|-----|-----|----|-------|
| 90-DU-2245 | 107 | 3.75 | 700 | 41.0 | 0.81 | 6.0 | 334 | 36 | 2.5 | 10 | 10 | 2.5 | 16 | 0.39 |
| 90-DU-2245g | 18 | 0.67 | 200 | 0.5 | 0.71 | 2.5 | 20 | 71 | 6 | 10 | 103 | 2.5 | 5 | 0.04 |
| 90-DU-2248 | 95 | 3.24 | 600 | 8.0 | 0.60 | 2.5 | 140 | 59 | 2.5 | 10 | 11 | 2.5 | 12 | 0.23 |
| 90-DU-2250 | 107 | 3.29 | 500 | 4.0 | 0.57 | 2.5 | 92 | 34 | 2.5 | 10 | 14 | 2.5 | 11 | 0.42 |
| 90-DU-2252 | 136 | 3.25 | 600 | 4.0 | 0.72 | 2.5 | 115 | 44 | 2.5 | 10 | 59 | 2.5 | 11 | 0.28 |
| 90-DU-2254 | 144 | 3.09 | 800 | 2.0 | 0.75 | 2.5 | 105 | 51 | 2.5 | 10 | 40 | 2.5 | 5 | 0.32 |
| 90-DU-2257g | 16 | 0.49 | 100 | 32.0 | 0.76 | 2.5 | 56 | 43 | 2.5 | 10 | 7 | 2.5 | 10 | -0.01 |
| 90-DU-2258g | 78 | 4.15 | 300 | 1.0 | 1.90 | 2.5 | 70 | 12 | 2.5 | 10 | 5 | 2.5 | 5 | 0.07 |
| 90-DU-2259 | 108 | 3.70 | 500 | 0.5 | 0.57 | 2.5 | 99 | 35 | 2.5 | 10 | 56 | 2.5 | 14 | 0.37 |
| 90-DU-2264 | 55 | 2.95 | 500 | 1.0 | 0.55 | 2.5 | 60 | 30 | 2.5 | 10 | 21 | 2.5 | 11 | 0.33 |
| 90-DU-2269 | 16 | 0.92 | 400 | 1.0 | 0.89 | 2.5 | 22 | 16 | 2.5 | 10 | 17 | 2.5 | 5 | 0.10 |
| 90-DU-2271 | 9 | 0.56 | 200 | 0.5 | 0.53 | 2.5 | 18 | 15 | 2.5 | 10 | 17 | 2.5 | 5 | 0.05 |
| 90-DU-2272 | 6 | 0.66 | 200 | 0.5 | 0.39 | 2.5 | 15 | 13 | 2.5 | 10 | 34 | 2.5 | 5 | 0.12 |
| 90-DU-2276 | 12 | 1.15 | 400 | 0.5 | 0.86 | 2.5 | 25 | 13 | 2.5 | 10 | 33 | 2.5 | 5 | 0.07 |
| 90-DU-2277 | 30 | 1.40 | 400 | 0.5 | 0.48 | 2.5 | 29 | 16 | 2.5 | 121 | 30 | 2.5 | 5 | 0.23 |
| 90-DU-2278 | 41 | 6.07 | 400 | 1.0 | 2.00 | 2.5 | 278 | 17 | 2.5 | 131 | 21 | 25 | 13 | 0.02 |
| 90-DU-2279 | 55 | 2.87 | 600 | 2.0 | 0.54 | 2.5 | 86 | 61 | 2.5 | 127 | 21 | 2.5 | 5 | 0.33 |
| 90-DU-2280 | 51 | 1.89 | 500 | 0.5 | 0.59 | 2.5 | 45 | 29 | 2.5 | 10 | 29 | 2.5 | 5 | 0.29 |
| 90-DU-2281 | 55 | 2.62 | 600 | 1.0 | 0.69 | 2.5 | 63 | 33 | 2.5 | 10 | 19 | 2.5 | 5 | 0.30 |
| 90-DU-2285 | 29 | 1.53 | 300 | 0.5 | 0.28 | 5.0 | 19 | 13 | 2.5 | 10 | 124 | 2.5 | 13 | 0.11 |
| 90-DU-2286 | 28 | 1.48 | 400 | 2.0 | 0.62 | 2.5 | 29 | 18 | 2.5 | 10 | 41 | 2.5 | 5 | 0.23 |
| 90-DU-2288 | 40 | 2.38 | 400 | 0.5 | 0.36 | 6.0 | 30 | 13 | 2.5 | 10 | 119 | 2.5 | 13 | 0.20 |
| 90-DU-2290 | 19 | 0.84 | 300 | 0.5 | 0.51 | 2.5 | 21 | 17 | 2.5 | 10 | 11 | 2.5 | 5 | 0.14 |
| 90-DU-2292 | 86 | 3.53 | 600 | 2.0 | 0.53 | 2.5 | 79 | 29 | 2.5 | 21 | 16 | 2.5 | 5 | 0.32 |
| 90-DU-2294 | 31 | 1.44 | 400 | 2.0 | 0.42 | 2.5 | 40 | 30 | 2.5 | 10 | 18 | 2.5 | 5 | 0.26 |
| 90-DU-2296 | 53 | 2.79 | 600 | 0.5 | 0.57 | 2.5 | 51 | 26 | 2.5 | 10 | 25 | 2.5 | 14 | 0.33 |
| 90-DU-2302 | 42 | 2.19 | 500 | 0.5 | 0.54 | 2.5 | 41 | 21 | 2.5 | 10 | 23 | 2.5 | 5 | 0.22 |
| 90-DU-2312 | 44 | 2.35 | 600 | 0.5 | 0.57 | 2.5 | 54 | 28 | 2.5 | 10 | 23 | 2.5 | 12 | 0.29 |
| 90-DU-2313 | 22 | 1.03 | 500 | 1.0 | 0.74 | 2.5 | 24 | 31 | 2.5 | 10 | 12 | 2.5 | 5 | 0.11 |
| 90-DU-2314 | 53 | 2.49 | 600 | 1.0 | 0.55 | 2.5 | 47 | 35 | 2.5 | 10 | 20 | 2.5 | 11 | 0.27 |
| 90-DU-2316 | 38 | 1.65 | 600 | 1.0 | 0.87 | 2.5 | 42 | 34 | 2.5 | 10 | 11 | 2.5 | 5 | 0.06 |
| 90-DU-2317 | 65 | 2.18 | 500 | 3.0 | 0.70 | 2.5 | 40 | 39 | 2.5 | 10 | 13 | 2.5 | 5 | 0.20 |
| 90-DU-2318 | 37 | 2.37 | 400 | 0.5 | 0.42 | 5.0 | 31 | 18 | 2.5 | 10 | 90 | 2.5 | 14 | 0.20 |
| 90-DU-2319 | 75 | 3.37 | 500 | 0.5 | 0.67 | 2.5 | 60 | 23 | 2.5 | 10 | 29 | 2.5 | 5 | 0.31 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|-------------|-----|----|----|-----|-----|
| 90-DU-2245 | 153 | 10 | 41 | 163 | 2.5 |
| 90-DU-2245g | 81 | 10 | 9 | 47 | 2.5 |
| 90-DU-2248 | 125 | 10 | 26 | 530 | 2.5 |
| 90-DU-2250 | 125 | 10 | 22 | 181 | 15 |
| 90-DU-2252 | 108 | 10 | 29 | 288 | 13 |
| 90-DU-2254 | 114 | 10 | 36 | 324 | 9 |
| 90-DU-2257g | 72 | 10 | 5 | 18 | 2.5 |
| 90-DU-2258g | 87 | 10 | 14 | 17 | 2.5 |
| 90-DU-2259 | 110 | 10 | 27 | 160 | 5 |
| 90-DU-2264 | 82 | 10 | 20 | 142 | 7 |
| 90-DU-2269 | 36 | 10 | 15 | 39 | 2.5 |
| 90-DU-2271 | 28 | 10 | 17 | 24 | 2.5 |
| 90-DU-2272 | 38 | 10 | 14 | 26 | 2.5 |
| 90-DU-2276 | 54 | 10 | 14 | 45 | 2.5 |
| 90-DU-2277 | 54 | 10 | 17 | 60 | 2.5 |
| 90-DU-2278 | 79 | 10 | 14 | 79 | 2.5 |
| 90-DU-2279 | 85 | 10 | 18 | 414 | 21 |
| 90-DU-2280 | 68 | 10 | 19 | 111 | 13 |
| 90-DU-2281 | 84 | 10 | 19 | 122 | 2.5 |
| 90-DU-2285 | 32 | 10 | 23 | 41 | 2.5 |
| 90-DU-2286 | 45 | 10 | 16 | 66 | 2.5 |
| 90-DU-2288 | 45 | 10 | 22 | 69 | 2.5 |
| 90-DU-2290 | 37 | 10 | 17 | 35 | 2.5 |
| 90-DU-2292 | 86 | 10 | 22 | 135 | 2.5 |
| 90-DU-2294 | 63 | 10 | 28 | 70 | 2.5 |
| 90-DU-2296 | 73 | 10 | 20 | 107 | 2.5 |
| 90-DU-2302 | 57 | 10 | 18 | 76 | 2.5 |
| 90-DU-2312 | 69 | 10 | 22 | 103 | 5 |
| 90-DU-2313 | 42 | 10 | 22 | 51 | 2.5 |
| 90-DU-2314 | 66 | 10 | 20 | 98 | 2.5 |
| 90-DU-2316 | 68 | 10 | 28 | 68 | 2.5 |
| 90-DU-2317 | 64 | 10 | 26 | 91 | 2.5 |
| 90-DU-2318 | 43 | 10 | 23 | 69 | 2.5 |
| 90-DU-2319 | 78 | 10 | 19 | 126 | 2.5 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|-------------|-----|------|----|-----|-----|-------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2321 | 0.6 | 3.45 | 6 | 139 | 2.5 | 10.00 | 0.1 | 15 | 85 | 33 | 5.85 | 5 | 1.63 | 73 |
| 90-DU-2325 | 0.5 | 1.95 | 3 | 105 | 2.5 | 2.92 | 0.1 | 9 | 44 | 25 | 3.06 | 5 | 0.93 | 55 |
| 90-DU-2326 | 0.5 | 3.04 | 8 | 121 | 2.5 | 10.00 | 0.1 | 13 | 75 | 33 | 5.13 | 5 | 1.44 | 69 |
| 90-DU-2327 | 0.6 | 2.22 | 7 | 126 | 2.5 | 2.55 | 0.1 | 10 | 52 | 36 | 3.52 | 5 | 1.13 | 52 |
| 90-DU-2332 | 0.3 | 3.39 | 3 | 86 | 2.5 | 0.35 | 0.1 | 27 | 103 | 93 | 7.57 | 10 | 0.64 | 210 |
| 90-DU-2335 | 0.5 | 7.48 | 9 | 152 | 2.5 | 0.32 | 0.1 | 32 | 130 | 105 | 10.00 | 23 | 2.84 | 236 |
| 90-DU-2339 | 0.9 | 7.72 | 3 | 273 | 2.5 | 0.40 | 0.1 | 36 | 226 | 113 | 10.00 | 19 | 3.21 | 155 |
| 90-DU-2344 | 0.7 | 7.05 | 3 | 224 | 2.5 | 0.14 | 0.1 | 27 | 254 | 145 | 10.00 | 19 | 1.48 | 73 |
| 90-DU-2351 | 0.3 | 6.01 | 6 | 205 | 2.5 | 0.56 | 0.1 | 23 | 157 | 95 | 10.00 | 17 | 1.68 | 164 |
| 90-DU-2356 | 0.3 | 4.27 | 13 | 140 | 2.5 | 0.46 | 0.1 | 22 | 141 | 52 | 7.78 | 13 | 1.30 | 69 |
| 90-DU-2359 | 0.5 | 6.48 | 13 | 185 | 2.5 | 0.51 | 0.1 | 20 | 80 | 82 | 9.54 | 18 | 1.34 | 128 |
| 90-DU-2364 | 0.5 | 6.38 | 8 | 129 | 2.5 | 0.37 | 0.1 | 29 | 112 | 96 | 10.00 | 23 | 1.76 | 136 |
| 90-DU-2368 | 0.1 | 8.32 | 12 | 180 | 2.5 | 0.36 | 0.1 | 26 | 127 | 115 | 10.00 | 20 | 3.57 | 357 |
| 90-DU-2371 | 0.3 | 7.65 | 3 | 183 | 2.5 | 0.48 | 0.1 | 29 | 146 | 113 | 10.00 | 18 | 2.63 | 123 |
| 90-DU-2378 | 0.1 | 5.92 | 11 | 117 | 2.5 | 0.27 | 0.1 | 27 | 98 | 60 | 10.00 | 15 | 1.04 | 105 |
| 90-DU-2382 | 0.1 | 5.30 | 6 | 246 | 2.5 | 0.40 | 0.1 | 31 | 151 | 81 | 9.58 | 12 | 1.11 | 60 |
| 90-DU-2392 | 0.1 | 6.36 | 13 | 272 | 2.5 | 0.32 | 0.1 | 32 | 224 | 111 | 10.00 | 16 | 2.40 | 140 |
| 90-DU-2396 | 0.1 | 3.62 | 11 | 157 | 2.5 | 0.90 | 0.1 | 22 | 87 | 85 | 6.46 | 5 | 1.25 | 61 |
| 90-DU-2400 | 1.1 | 0.43 | 3 | 7 | 39 | 0.00 | 0.1 | 4 | 665 | 299 | 2.47 | 5 | 4.07 | 0.5 |
| 90-DU-2401 | 0.1 | 3.23 | 11 | 85 | 2.5 | 0.59 | 0.1 | 17 | 59 | 64 | 5.06 | 5 | 0.72 | 38 |
| 90-DU-2402 | 0.1 | 2.12 | 3 | 64 | 2.5 | 0.67 | 0.1 | 11 | 45 | 35 | 3.78 | 5 | 0.65 | 47 |
| 90-DU-2403 | 0.1 | 1.40 | 3 | 48 | 2.5 | 0.80 | 0.1 | 10 | 35 | 23 | 2.73 | 5 | 0.43 | 35 |
| 90-DU-2412 | 0.1 | 2.36 | 15 | 67 | 2.5 | 0.88 | 0.1 | 17 | 72 | 50 | 5.22 | 5 | 0.68 | 102 |
| 90-DU-2418 | 0.1 | 3.44 | 7 | 142 | 2.5 | 4.13 | 0.1 | 19 | 94 | 35 | 5.99 | 11 | 1.61 | 86 |
| 90-DU-2419a | 0.1 | 2.67 | 8 | 175 | 2.5 | 10.00 | 0.1 | 16 | 75 | 28 | 4.82 | 5 | 1.53 | 79 |
| 90-DU-2419b | 0.1 | 2.62 | 3 | 165 | 2.5 | 10.00 | 0.1 | 15 | 77 | 31 | 4.74 | 5 | 1.46 | 74 |
| 90-DU-2422 | 0.1 | 2.84 | 3 | 172 | 2.5 | 10.00 | 0.1 | 15 | 63 | 36 | 4.93 | 5 | 1.44 | 82 |
| 90-DU-2424 | 0.1 | 3.13 | 3 | 178 | 2.5 | 4.32 | 0.1 | 17 | 88 | 43 | 5.58 | 5 | 1.47 | 68 |
| 90-DU-2425 | 0.1 | 2.30 | 3 | 128 | 2.5 | 1.97 | 0.1 | 13 | 59 | 29 | 3.88 | 5 | 1.12 | 62 |
| 90-DU-2426 | 0.1 | 3.31 | 3 | 203 | 2.5 | 4.91 | 0.1 | 20 | 111 | 82 | 6.19 | 11 | 1.70 | 63 |
| 90-DU-2427 | 0.1 | 1.77 | 11 | 110 | 2.5 | 2.49 | 0.1 | 11 | 48 | 24 | 2.88 | 5 | 0.85 | 47 |
| 90-DU-2429 | 0.1 | 2.03 | 6 | 145 | 2.5 | 2.20 | 0.1 | 12 | 61 | 32 | 3.37 | 5 | 0.98 | 59 |
| 90-DU-2430 | 0.1 | 2.24 | 12 | 132 | 2.5 | 10.00 | 0.1 | 13 | 55 | 39 | 3.65 | 5 | 1.02 | 84 |
| 90-DU-2433 | 0.1 | 1.33 | 8 | 75 | 2.5 | 3.05 | 0.1 | 7 | 28 | 23 | 1.83 | 5 | 0.52 | 53 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|-------------|-----|------|------|------|------|-----|-----|----|-----|----|-----|-----|----|------|
| 90-DU-2321 | 55 | 3.39 | 500 | 1.0 | 0.49 | 2.5 | 50 | 20 | 2.5 | 10 | 56 | 2.5 | 16 | 0.32 |
| 90-DU-2325 | 38 | 2.95 | 400 | 0.5 | 0.25 | 5.0 | 31 | 16 | 2.5 | 10 | 105 | 2.5 | 15 | 0.17 |
| 90-DU-2326 | 57 | 3.22 | 400 | 2.0 | 0.39 | 2.5 | 46 | 16 | 2.5 | 10 | 68 | 2.5 | 16 | 0.26 |
| 90-DU-2327 | 48 | 3.21 | 400 | 0.5 | 0.29 | 2.5 | 34 | 16 | 2.5 | 10 | 94 | 2.5 | 13 | 0.21 |
| 90-DU-2332 | 35 | 2.00 | 900 | 2.0 | 1.30 | 5.0 | 47 | 41 | 2.5 | 10 | 18 | 2.5 | 12 | 0.10 |
| 90-DU-2335 | 119 | 5.19 | 900 | 1.0 | 0.54 | 2.5 | 81 | 40 | 2.5 | 26 | 22 | 25 | 15 | 0.40 |
| 90-DU-2339 | 110 | 4.53 | 800 | 2.0 | 0.61 | 2.5 | 131 | 46 | 2.5 | 28 | 19 | 10 | 11 | 0.45 |
| 90-DU-2344 | 107 | 3.78 | 700 | 5.0 | 0.72 | 6.0 | 111 | 50 | 2.5 | 10 | 8 | 32 | 5 | 0.19 |
| 90-DU-2351 | 90 | 4.77 | 700 | 3.0 | 0.56 | 2.5 | 96 | 33 | 2.5 | 28 | 14 | 14 | 14 | 0.45 |
| 90-DU-2356 | 57 | 2.91 | 900 | 1.0 | 0.81 | 2.5 | 73 | 31 | 2.5 | 10 | 20 | -10 | 13 | 0.16 |
| 90-DU-2359 | 102 | 4.90 | 900 | 0.5 | 0.57 | 2.5 | 63 | 70 | 2.5 | 21 | 8 | 13 | 12 | 0.30 |
| 90-DU-2364 | 94 | 5.24 | 1000 | 2.0 | 0.64 | 2.5 | 67 | 28 | 2.5 | 25 | 12 | 26 | 17 | 0.36 |
| 90-DU-2368 | 136 | 4.00 | 1000 | 3.0 | 0.76 | 2.5 | 77 | 72 | 2.5 | 32 | 21 | 2.5 | 5 | 0.54 |
| 90-DU-2371 | 114 | 4.26 | 800 | 2.0 | 0.65 | 2.5 | 85 | 47 | 2.5 | 31 | 19 | 13 | 5 | 0.54 |
| 90-DU-2378 | 67 | 2.65 | 800 | 3.0 | 0.45 | 2.5 | 57 | 34 | 2.5 | 10 | 15 | 22 | 5 | 0.36 |
| 90-DU-2382 | 53 | 3.24 | 900 | 14.0 | 0.92 | 2.5 | 74 | 30 | 2.5 | 10 | 19 | 24 | 5 | 0.04 |
| 90-DU-2392 | 79 | 4.77 | 800 | 3.0 | 0.69 | 2.5 | 118 | 40 | 2.5 | 10 | 13 | 27 | 5 | 0.37 |
| 90-DU-2396 | 50 | 2.72 | 600 | 0.5 | 0.54 | 2.5 | 74 | 15 | 2.5 | 10 | 28 | 12 | 5 | 0.24 |
| 90-DU-2400 | 12 | 0.31 | 100 | 9.0 | 0.30 | 2.5 | 6 | 21 | 15 | 10 | 7 | 2.5 | 5 | 0.09 |
| 90-DU-2401 | 33 | 1.53 | 500 | 1.0 | 0.42 | 5.0 | 43 | 17 | 2.5 | 10 | 19 | -10 | 5 | 0.18 |
| 90-DU-2402 | 27 | 1.20 | 400 | 0.5 | 0.35 | 2.5 | 33 | 12 | 2.5 | 10 | 21 | 2.5 | 5 | 0.17 |
| 90-DU-2403 | 17 | 0.91 | 300 | 0.5 | 0.29 | 2.5 | 25 | 11 | 2.5 | 10 | 21 | 2.5 | 5 | 0.14 |
| 90-DU-2412 | 34 | 1.83 | 600 | 0.5 | 0.63 | 2.5 | 42 | 25 | 2.5 | 10 | 25 | -10 | 5 | 0.06 |
| 90-DU-2418 | 55 | 3.39 | 500 | 2.0 | 0.35 | 2.5 | 58 | 9 | 2.5 | 10 | 39 | 17 | 5 | 0.32 |
| 90-DU-2419a | 60 | 3.09 | 600 | 2.0 | 0.30 | 2.5 | 50 | 10 | 2.5 | 10 | 81 | 37 | 5 | 0.26 |
| 90-DU-2419b | 58 | 3.07 | 600 | 2.0 | 0.31 | 2.5 | 54 | 11 | 2.5 | 10 | 77 | 39 | 5 | 0.25 |
| 90-DU-2422 | 57 | 2.89 | 600 | 0.5 | 0.39 | 2.5 | 40 | 11 | 2.5 | 10 | 68 | 42 | 5 | 0.27 |
| 90-DU-2424 | 58 | 3.10 | 500 | 0.5 | 0.41 | 2.5 | 55 | 9 | 2.5 | 10 | 45 | 23 | 5 | 0.30 |
| 90-DU-2425 | 45 | 2.89 | 400 | 0.5 | 0.33 | 7.0 | 40 | 9 | 2.5 | 10 | 87 | 17 | 5 | 0.21 |
| 90-DU-2426 | 66 | 3.40 | 600 | 0.5 | 0.49 | 2.5 | 85 | 19 | 2.5 | 10 | 41 | 24 | 5 | 0.27 |
| 90-DU-2427 | 38 | 2.85 | 400 | 0.5 | 0.25 | 7.0 | 33 | 8 | 2.5 | 10 | 100 | -10 | 5 | 0.15 |
| 90-DU-2429 | 46 | 2.91 | 400 | 0.5 | 0.28 | 8.0 | 42 | 9 | 2.5 | 10 | 103 | 22 | 5 | 0.19 |
| 90-DU-2430 | 57 | 3.00 | 500 | 1.0 | 0.30 | 2.5 | 36 | 10 | 2.5 | 10 | 96 | 38 | 5 | 0.20 |
| 90-DU-2433 | 30 | 1.84 | 300 | 2.0 | 0.21 | 9.0 | 19 | 5 | 2.5 | 10 | 157 | 12 | 5 | 0.10 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|-------------|-----|----|----|-----|-----|
| 90-DU-2321 | 77 | 10 | 18 | 98 | 9 |
| 90-DU-2325 | 43 | 10 | 22 | 62 | 2.5 |
| 90-DU-2326 | 76 | 10 | 21 | 92 | 9 |
| 90-DU-2327 | 49 | 10 | 22 | 70 | 6 |
| 90-DU-2332 | 77 | 10 | 26 | 92 | 2.5 |
| 90-DU-2335 | 114 | 10 | 22 | 228 | 28 |
| 90-DU-2339 | 132 | 10 | 25 | 226 | 22 |
| 90-DU-2344 | 132 | 10 | 20 | 172 | 2.5 |
| 90-DU-2351 | 130 | 10 | 28 | 162 | 2.5 |
| 90-DU-2356 | 78 | 10 | 17 | 124 | 2.5 |
| 90-DU-2359 | 111 | 10 | 35 | 243 | 10 |
| 90-DU-2364 | 113 | 10 | 22 | 200 | 2.5 |
| 90-DU-2368 | 143 | 10 | 36 | 253 | 17 |
| 90-DU-2371 | 140 | 10 | 27 | 173 | 20 |
| 90-DU-2378 | 112 | 10 | 18 | 175 | 22 |
| 90-DU-2382 | 118 | 10 | 14 | 149 | 2.5 |
| 90-DU-2392 | 149 | 10 | 19 | 224 | 16 |
| 90-DU-2396 | 81 | 10 | 14 | 163 | 5 |
| 90-DU-2400 | 246 | 10 | 3 | 57 | 2.5 |
| 90-DU-2401 | 60 | 10 | 12 | 80 | 2.5 |
| 90-DU-2402 | 51 | 10 | 13 | 76 | 10 |
| 90-DU-2403 | 40 | 10 | 11 | 52 | 2.5 |
| 90-DU-2412 | 70 | 10 | 21 | 84 | 2.5 |
| 90-DU-2418 | 88 | 10 | 13 | 106 | 12 |
| 90-DU-2419a | 67 | 10 | 12 | 95 | 13 |
| 90-DU-2419b | 66 | 10 | 12 | 94 | 11 |
| 90-DU-2422 | 67 | 10 | 13 | 97 | 13 |
| 90-DU-2424 | 78 | 10 | 12 | 105 | 17 |
| 90-DU-2425 | 58 | 10 | 13 | 75 | 8 |
| 90-DU-2426 | 76 | 10 | 13 | 119 | 2.5 |
| 90-DU-2427 | 45 | 10 | 12 | 57 | 5 |
| 90-DU-2429 | 56 | 10 | 14 | 71 | 11 |
| 90-DU-2430 | 55 | 10 | 12 | 77 | 8 |
| 90-DU-2433 | 33 | 10 | 20 | 45 | 10 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|-------------|-----|------|-----|-----|-----|-------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2434 | 0.1 | 1.96 | 3 | 103 | 2.5 | 2.19 | 0.1 | 12 | 40 | 30 | 2.81 | 5 | 0.63 | 48 |
| 90-DU-2435 | 0.1 | 2.41 | 14 | 119 | 2.5 | 10.00 | 0.1 | 12 | 51 | 41 | 3.29 | 5 | 0.83 | 66 |
| 90-DU-2440 | 0.1 | 2.35 | 3 | 122 | 2.5 | 10.00 | 0.1 | 12 | 58 | 49 | 3.45 | 5 | 0.90 | 83 |
| 90-DU-2448 | 0.1 | 3.12 | 13 | 113 | 2.5 | 0.44 | 0.1 | 16 | 62 | 47 | 6.24 | 5 | 0.97 | 104 |
| 90-DU-2449 | 0.1 | 2.87 | 3 | 157 | 2.5 | 10.00 | 0.1 | 15 | 66 | 39 | 4.48 | 5 | 1.27 | 83 |
| 90-DU-2450 | 0.1 | 4.05 | 5 | 178 | 2.5 | 1.85 | 0.1 | 24 | 109 | 56 | 6.62 | 11 | 1.61 | 93 |
| 90-DU-2451 | 0.1 | 3.96 | 11 | 161 | 2.5 | 6.58 | 0.1 | 19 | 99 | 40 | 6.11 | 13 | 1.48 | 77 |
| 90-DU-2454 | 0.1 | 4.27 | 6 | 200 | 2.5 | 1.23 | 0.1 | 25 | 121 | 37 | 7.06 | 12 | 2.14 | 96 |
| 90-DU-2455 | 0.1 | 4.63 | 7 | 149 | 2.5 | 0.50 | 0.1 | 28 | 133 | 56 | 8.48 | 13 | 1.67 | 150 |
| 90-DU-2457 | 0.1 | 3.78 | 3 | 162 | 2.5 | 0.75 | 0.1 | 31 | 127 | 83 | 9.22 | 5 | 1.50 | 181 |
| 90-DU-2458 | 0.1 | 3.09 | 8 | 88 | 2.5 | 0.34 | 0.1 | 22 | 156 | 75 | 10.00 | 5 | 0.67 | 133 |
| 90-DU-2460 | 0.1 | 3.94 | 10 | 177 | 2.5 | 0.47 | 0.1 | 24 | 134 | 79 | 7.69 | 11 | 1.44 | 125 |
| 90-DU-2461 | 0.1 | 4.67 | 12 | 189 | 2.5 | 0.49 | 0.1 | 29 | 162 | 99 | 8.46 | 13 | 1.70 | 110 |
| 90-DU-2462 | 0.1 | 4.48 | 18 | 104 | 2.5 | 0.39 | 0.1 | 38 | 133 | 92 | 8.50 | 10 | 0.89 | 83 |
| 90-DU-2465 | 0.1 | 4.86 | 11 | 271 | 2.5 | 0.52 | 0.1 | 36 | 112 | 107 | 9.30 | 14 | 1.50 | 307 |
| 90-DU-2467 | 0.1 | 2.22 | 3 | 166 | 2.5 | 0.85 | 0.1 | 28 | 28 | 36 | 5.82 | 5 | 0.57 | 206 |
| 90-DU-2468 | 0.1 | 4.66 | 50 | 192 | 6 | 0.43 | 0.1 | 34 | 63 | 79 | 9.08 | 22 | 0.77 | 230 |
| 90-DU-2471 | 0.1 | 3.23 | 20 | 115 | 2.5 | 0.48 | 0.1 | 20 | 36 | 36 | 5.35 | 13 | 0.44 | 170 |
| 90-DU-2477 | 0.1 | 4.86 | 8 | 275 | 2.5 | 0.20 | 0.1 | 29 | 78 | 49 | 10.00 | 11 | 1.13 | 84 |
| 90-DU-2478 | 0.2 | 5.95 | 25 | 755 | 2.5 | 0.17 | 0.1 | 39 | 73 | 124 | 10.00 | 16 | 0.93 | 74 |
| 90-DU-2481 | 0.5 | 5.20 | 41 | 809 | 7 | 0.41 | 0.1 | 49 | 151 | 104 | 9.56 | 19 | 1.75 | 60 |
| 90-DU-2483 | 0.5 | 4.47 | 33 | 138 | 6 | 0.13 | 0.1 | 42 | 62 | 86 | 10.00 | 15 | 0.38 | 63 |
| 90-DU-2486a | 0.7 | 3.36 | 3 | 30 | 26 | 0.00 | 0.1 | 7 | 117 | 222 | 2.33 | 14 | 1.53 | 10 |
| 90-DU-2486b | 0.1 | 4.83 | 3 | 307 | 2.5 | 0.25 | 0.1 | 26 | 98 | 110 | 8.43 | 5 | 1.05 | 69 |
| 90-DU-2488 | 0.1 | 4.00 | 5 | 329 | 2.5 | 0.95 | 0.1 | 22 | 76 | 86 | 6.95 | 10 | 1.31 | 124 |
| 90-DU-2493 | 0.1 | 4.52 | 8 | 115 | 2.5 | 0.30 | 0.1 | 28 | 87 | 80 | 6.86 | 5 | 0.71 | 118 |
| 90-DU-2494 | 0.1 | 5.77 | 21 | 219 | 2.5 | 0.89 | 0.1 | 25 | 120 | 127 | 8.39 | 15 | 1.93 | 84 |
| 90-DU-2495 | 0.1 | 5.20 | 28 | 183 | 2.5 | 0.72 | 0.1 | 28 | 94 | 127 | 8.48 | 12 | 1.23 | 121 |
| 90-DU-2496 | 0.3 | 5.44 | 207 | 139 | 2.5 | 2.37 | 0.1 | 31 | 111 | 217 | 10.00 | 12 | 1.36 | 82 |
| 90-DU-2499 | 0.1 | 7.47 | 10 | 138 | 2.5 | 0.21 | 0.1 | 21 | 68 | 49 | 6.43 | 13 | 0.57 | 116 |
| 90-DU-2500 | 0.1 | 6.00 | 10 | 155 | 2.5 | 0.25 | 0.1 | 22 | 53 | 36 | 6.71 | 12 | 0.85 | 103 |
| 90-DU-2501 | 0.1 | 5.98 | 11 | 208 | 2.5 | 0.21 | 0.1 | 29 | 105 | 58 | 9.50 | 14 | 0.82 | 108 |
| 90-DU-2503 | 0.1 | 3.61 | 10 | 216 | 2.5 | 0.33 | 0.1 | 31 | 317 | 38 | 6.91 | 5 | 0.88 | 36 |
| 90-DU-2504 | 0.1 | 5.66 | 11 | 131 | 2.5 | 0.09 | 0.1 | 22 | 46 | 43 | 10.00 | 12 | 0.61 | 269 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|-------------|-----|------|------|-------|------|-----|-----|-----|-----|----|-----|-----|----|------|
| 90-DU-2434 | 41 | 1.92 | 400 | 1.0 | 0.31 | 9.0 | 29 | 10 | 2.5 | 10 | 130 | -10 | 5 | 0.14 |
| 90-DU-2435 | 49 | 2.63 | 400 | 3.0 | 0.35 | 2.5 | 34 | 14 | 2.5 | 10 | 106 | 46 | 5 | 0.19 |
| 90-DU-2440 | 48 | 2.92 | 500 | 2.0 | 0.33 | 2.5 | 37 | 13 | 2.5 | 10 | 83 | 40 | 5 | 0.19 |
| 90-DU-2448 | 74 | 1.98 | 700 | 2.0 | 0.79 | 7.0 | 39 | 48 | 2.5 | 10 | 12 | 2.5 | 5 | 0.21 |
| 90-DU-2449 | 59 | 2.65 | 500 | 0.5 | 0.38 | 2.5 | 42 | 11 | 2.5 | 10 | 93 | 38 | 5 | 0.26 |
| 90-DU-2450 | 71 | 3.47 | 600 | 0.5 | 0.50 | 2.5 | 69 | 12 | 2.5 | 10 | 32 | 23 | 5 | 0.37 |
| 90-DU-2451 | 62 | 3.33 | 500 | 0.5 | 0.51 | 2.5 | 61 | 15 | 2.5 | 10 | 51 | 28 | 5 | 0.33 |
| 90-DU-2454 | 68 | 3.98 | 700 | 1.0 | 0.40 | 2.5 | 76 | 8 | 2.5 | 10 | 31 | 19 | 5 | 0.45 |
| 90-DU-2455 | 65 | 3.75 | 600 | 2.0 | 0.54 | 2.5 | 80 | 17 | 2.5 | 20 | 18 | 19 | 5 | 0.41 |
| 90-DU-2457 | 64 | 3.44 | 800 | 3.0 | 1.07 | 2.5 | 88 | 21 | 2.5 | 10 | 20 | 2.5 | 5 | 0.02 |
| 90-DU-2458 | 48 | 2.25 | 600 | 4.0 | 1.01 | 6.0 | 72 | 21 | 2.5 | 10 | 10 | 13 | 5 | 0.03 |
| 90-DU-2460 | 72 | 3.18 | 700 | 0.5 | 0.60 | 2.5 | 87 | 25 | 2.5 | 10 | 20 | 2.5 | 5 | 0.36 |
| 90-DU-2461 | 82 | 3.60 | 800 | 1.0 | 0.51 | 5.0 | 104 | 24 | 2.5 | 22 | 18 | 13 | 5 | 0.44 |
| 90-DU-2462 | 76 | 3.31 | 700 | 2.0 | 0.85 | 2.5 | 83 | 27 | 2.5 | 10 | 14 | 20 | 5 | 0.17 |
| 90-DU-2465 | 83 | 3.86 | 800 | 2.0 | 0.58 | 2.5 | 83 | 24 | 2.5 | 21 | 25 | 26 | 5 | 0.44 |
| 90-DU-2467 | 47 | 1.95 | 900 | 2.0 | 0.51 | 2.5 | 23 | 13 | 2.5 | 10 | 41 | 2.5 | 5 | 0.12 |
| 90-DU-2468 | 70 | 2.58 | 800 | 5.0 | 0.73 | 7.0 | 46 | 37 | 11 | 21 | 22 | 21 | 19 | 0.15 |
| 90-DU-2471 | 49 | 1.68 | 700 | 2.0 | 0.46 | 2.5 | 27 | 22 | 2.5 | 10 | 17 | 12 | 5 | 0.16 |
| 90-DU-2477 | 67 | 2.70 | 700 | 2.0 | 0.46 | 2.5 | 41 | 24 | 2.5 | 10 | 15 | 18 | 5 | 0.26 |
| 90-DU-2478 | 48 | 2.94 | 600 | 3.0 | 0.54 | 6.0 | 51 | 18 | 2.5 | 22 | 17 | 18 | 5 | 0.35 |
| 90-DU-2481 | 49 | 4.79 | 900 | 4.0 | 0.79 | 6.0 | 115 | 24 | 11 | 24 | 25 | 30 | 14 | 0.30 |
| 90-DU-2483 | 40 | 1.63 | 2000 | 4.0 | 1.19 | 6.0 | 46 | 31 | 2.5 | 10 | 7 | 18 | 10 | 0.08 |
| 90-DU-2486a | 32 | 1.34 | 100 | 117.0 | 0.41 | 2.5 | 20 | 100 | 5 | 10 | 13 | 2.5 | 5 | 0.17 |
| 90-DU-2486b | 52 | 2.60 | 400 | 17.0 | 0.89 | 2.5 | 67 | 38 | 2.5 | 10 | 14 | 20 | 5 | 0.13 |
| 90-DU-2488 | 59 | 3.04 | 500 | 0.5 | 0.60 | 5.0 | 60 | 17 | 2.5 | 10 | 48 | 17 | 5 | 0.35 |
| 90-DU-2493 | 55 | 2.54 | 700 | 2.0 | 0.62 | 6.0 | 67 | 22 | 2.5 | 10 | 10 | 15 | 5 | 0.20 |
| 90-DU-2494 | 86 | 4.17 | 500 | 5.0 | 0.62 | 5.0 | 117 | 22 | 2.5 | 23 | 23 | 33 | 5 | 0.41 |
| 90-DU-2495 | 96 | 3.32 | 700 | 1.0 | 0.71 | 6.0 | 109 | 29 | 2.5 | 10 | 20 | 31 | 5 | 0.26 |
| 90-DU-2496 | 129 | 3.64 | 700 | 5.0 | 0.57 | 2.5 | 180 | 38 | 2.5 | 21 | 48 | 29 | 5 | 0.26 |
| 90-DU-2499 | 61 | 1.89 | 900 | 1.0 | 0.36 | 2.5 | 47 | 29 | 2.5 | 10 | 13 | 24 | 5 | 0.22 |
| 90-DU-2500 | 80 | 1.95 | 900 | 1.0 | 0.63 | 5.0 | 39 | 38 | 2.5 | 10 | 14 | 17 | 5 | 0.13 |
| 90-DU-2501 | 69 | 2.68 | 600 | 2.0 | 0.48 | 2.5 | 61 | 29 | 2.5 | 22 | 14 | 20 | 5 | 0.32 |
| 90-DU-2503 | 39 | 3.15 | 600 | 2.0 | 0.59 | 2.5 | 182 | 17 | 6 | 10 | 15 | 24 | 5 | 0.24 |
| 90-DU-2504 | 53 | 1.79 | 800 | 2.0 | 0.40 | 6.0 | 26 | 37 | 2.5 | 20 | 14 | 18 | 5 | 0.29 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|-------------|-----|----|----|-----|-----|
| 90-DU-2434 | 43 | 10 | 17 | 61 | 2.5 |
| 90-DU-2435 | 51 | 10 | 18 | 75 | 8 |
| 90-DU-2440 | 51 | 10 | 18 | 80 | 9 |
| 90-DU-2448 | 67 | 10 | 23 | 106 | 2.5 |
| 90-DU-2449 | 71 | 10 | 17 | 97 | 12 |
| 90-DU-2450 | 101 | 10 | 16 | 130 | 16 |
| 90-DU-2451 | 92 | 10 | 15 | 118 | 2.5 |
| 90-DU-2454 | 107 | 10 | 18 | 138 | 2.5 |
| 90-DU-2455 | 119 | 10 | 18 | 137 | 2.5 |
| 90-DU-2457 | 125 | 10 | 27 | 141 | 2.5 |
| 90-DU-2458 | 164 | 10 | 23 | 93 | 2.5 |
| 90-DU-2460 | 108 | 10 | 20 | 139 | 2.5 |
| 90-DU-2461 | 117 | 10 | 20 | 157 | 2.5 |
| 90-DU-2462 | 155 | 10 | 19 | 131 | 2.5 |
| 90-DU-2465 | 130 | 10 | 35 | 213 | 2.5 |
| 90-DU-2467 | 85 | 10 | 29 | 125 | 2.5 |
| 90-DU-2468 | 132 | 10 | 30 | 171 | 2.5 |
| 90-DU-2471 | 70 | 10 | 24 | 117 | 2.5 |
| 90-DU-2477 | 173 | 10 | 10 | 202 | 2.5 |
| 90-DU-2478 | 207 | 10 | 11 | 175 | 2.5 |
| 90-DU-2481 | 147 | 10 | 13 | 191 | 2.5 |
| 90-DU-2483 | 94 | 10 | 13 | 165 | 2.5 |
| 90-DU-2486a | 444 | 10 | 6 | 159 | 2.5 |
| 90-DU-2486b | 110 | 10 | 13 | 164 | 2.5 |
| 90-DU-2488 | 94 | 10 | 19 | 145 | 2.5 |
| 90-DU-2493 | 87 | 10 | 17 | 148 | 2.5 |
| 90-DU-2494 | 148 | 10 | 19 | 192 | 19 |
| 90-DU-2495 | 119 | 10 | 31 | 246 | 2.5 |
| 90-DU-2496 | 148 | 10 | 32 | 428 | 21 |
| 90-DU-2499 | 87 | 10 | 22 | 129 | 2.5 |
| 90-DU-2500 | 76 | 10 | 27 | 161 | 2.5 |
| 90-DU-2501 | 173 | 10 | 15 | 158 | 2.5 |
| 90-DU-2503 | 96 | 10 | 7 | 127 | 2.5 |
| 90-DU-2504 | 169 | 10 | 24 | 150 | 2.5 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|-------------|-----|------|----|-----|-----|------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2505 | 0.1 | 4.70 | 8 | 279 | 2.5 | 0.37 | 0.1 | 32 | 78 | 70 | 10.00 | 12 | 1.07 | 543 |
| 90-DU-2508 | 0.1 | 5.16 | 6 | 299 | 2.5 | 0.37 | 0.1 | 38 | 164 | 104 | 9.66 | 14 | 1.68 | 157 |
| 90-DU-2510 | 0.1 | 4.52 | 6 | 109 | 2.5 | 0.17 | 0.1 | 28 | 121 | 74 | 7.61 | 5 | 0.73 | 104 |
| 90-DU-2513 | 0.1 | 5.49 | 15 | 207 | 2.5 | 0.53 | 0.1 | 26 | 155 | 98 | 8.29 | 14 | 1.87 | 104 |
| 90-DU-2514 | 0.1 | 5.70 | 13 | 226 | 2.5 | 0.66 | 0.1 | 25 | 147 | 95 | 8.08 | 15 | 2.04 | 85 |
| 90-DU-2517 | 0.1 | 4.21 | 15 | 112 | 2.5 | 0.43 | 0.1 | 22 | 98 | 61 | 6.04 | 10 | 1.15 | 90 |
| 90-DU-2520 | 0.1 | 5.71 | 8 | 169 | 2.5 | 0.28 | 0.1 | 37 | 194 | 95 | 10.00 | 14 | 1.26 | 93 |
| 90-DU-2528 | 0.1 | 4.02 | 7 | 230 | 2.5 | 0.34 | 0.1 | 62 | 23 | 165 | 8.28 | 5 | 0.65 | 228 |
| 90-DU-2530 | 0.1 | 5.33 | 12 | 149 | 2.5 | 0.33 | 0.1 | 21 | 83 | 44 | 6.31 | 11 | 0.72 | 133 |
| 90-DU-2531 | 0.1 | 4.65 | 12 | 150 | 2.5 | 0.48 | 0.1 | 26 | 133 | 69 | 8.02 | 11 | 1.60 | 67 |
| 90-DU-2536 | 0.1 | 3.33 | 7 | 133 | 2.5 | 0.57 | 0.1 | 27 | 106 | 68 | 6.75 | 5 | 0.84 | 116 |
| 90-DU-2538 | 0.1 | 5.11 | 13 | 151 | 2.5 | 0.34 | 0.1 | 27 | 147 | 95 | 9.41 | 14 | 1.51 | 146 |
| 90-DU-2540 | 0.1 | 6.26 | 7 | 81 | 2.5 | 0.22 | 0.1 | 32 | 89 | 143 | 10.00 | 21 | 0.28 | 588 |
| 90-DU-2541 | 0.1 | 5.31 | 12 | 161 | 2.5 | 0.29 | 0.1 | 24 | 148 | 76 | 9.62 | 12 | 1.48 | 102 |
| 90-DU-2542 | 0.1 | 5.55 | 9 | 390 | 2.5 | 0.74 | 0.1 | 22 | 119 | 108 | 8.10 | 16 | 1.14 | 152 |
| 90-DU-2543 | 0.1 | 4.67 | 9 | 203 | 2.5 | 0.44 | 0.1 | 24 | 121 | 61 | 7.94 | 14 | 1.63 | 93 |
| 90-DU-2544 | 0.1 | 4.89 | 11 | 190 | 2.5 | 0.51 | 0.1 | 25 | 123 | 65 | 7.88 | 12 | 1.78 | 76 |
| 90-DU-2545 | 0.1 | 4.85 | 13 | 125 | 2.5 | 0.34 | 0.1 | 26 | 168 | 78 | 8.76 | 13 | 1.29 | 86 |
| 90-DU-2546 | 0.1 | 3.81 | 12 | 142 | 2.5 | 0.63 | 0.1 | 26 | 139 | 77 | 7.06 | 11 | 1.55 | 130 |
| 90-DU-2548 | 0.1 | 5.09 | 15 | 201 | 2.5 | 0.40 | 0.1 | 24 | 125 | 105 | 8.02 | 13 | 2.10 | 102 |
| 90-DU-2551 | 0.1 | 5.13 | 13 | 194 | 2.5 | 0.47 | 0.1 | 26 | 138 | 96 | 8.07 | 14 | 2.06 | 110 |
| 90-DU-2554 | 0.1 | 3.83 | 3 | 68 | 2.5 | 0.13 | 0.1 | 11 | 32 | 18 | 4.60 | 5 | 0.37 | 39 |
| 90-DU-2555 | 0.1 | 2.41 | 3 | 67 | 2.5 | 0.31 | 0.1 | 15 | 50 | 66 | 4.50 | 5 | 0.38 | 51 |
| 90-DU-2559 | 0.1 | 2.11 | 6 | 152 | 2.5 | 0.75 | 0.1 | 18 | 63 | 42 | 6.06 | 5 | 0.80 | 152 |
| 90-DU-2561 | 0.2 | 1.54 | 3 | 48 | 2.5 | 0.43 | 0.1 | 10 | 73 | 28 | 2.51 | 5 | 0.31 | 48 |
| 90-DU-2562 | 0.1 | 4.26 | 11 | 144 | 2.5 | 0.51 | 0.1 | 25 | 146 | 82 | 7.55 | 14 | 1.74 | 128 |
| 90-DU-2564 | 0.1 | 3.49 | 8 | 84 | 2.5 | 0.56 | 0.1 | 20 | 92 | 74 | 6.75 | 12 | 1.14 | 121 |
| 90-DU-2567 | 0.1 | 2.23 | 6 | 73 | 2.5 | 0.80 | 0.1 | 15 | 62 | 59 | 4.55 | 5 | 0.65 | 115 |
| 90-DU-2571 | 0.4 | 0.76 | 3 | 25 | 2.5 | 0.60 | 0.1 | 6 | 46 | 13 | 1.75 | 5 | 0.14 | 30 |
| 90-DU-2573 | 0.1 | 0.97 | 3 | 31 | 2.5 | 0.72 | 0.1 | 7 | 73 | 21 | 2.49 | 5 | 0.19 | 44 |
| 90-DU-2577 | 0.1 | 1.87 | 7 | 140 | 2.5 | 1.01 | 0.1 | 14 | 77 | 38 | 4.94 | 5 | 0.58 | 109 |
| 90-DU-2587 | 0.1 | 3.32 | 12 | 217 | 2.5 | 0.33 | 0.1 | 14 | 54 | 58 | 5.17 | 11 | 0.39 | 62 |
| 90-DU-2588 | 0.1 | 4.46 | 6 | 157 | 2.5 | 0.37 | 0.1 | 33 | 234 | 93 | 8.61 | 14 | 1.36 | 197 |
| 90-DU-2590- | 0.1 | 4.37 | 17 | 161 | 2.5 | 0.43 | 0.1 | 28 | 121 | 76 | 7.96 | 13 | 1.15 | 133 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|-------------|----|------|------|-----|------|-----|-----|----|-----|----|----|-----|----|------|
| 90-DU-2505 | 69 | 2.55 | 1700 | 2.0 | 0.76 | 2.5 | 49 | 43 | 2.5 | 10 | 38 | 24 | 5 | 0.06 |
| 90-DU-2508 | 86 | 4.06 | 900 | 2.0 | 0.60 | 5.0 | 126 | 26 | 2.5 | 21 | 16 | 35 | 5 | 0.43 |
| 90-DU-2510 | 57 | 2.32 | 600 | 3.0 | 0.63 | 8.0 | 77 | 44 | 2.5 | 10 | 9 | 22 | 5 | 0.23 |
| 90-DU-2513 | 62 | 3.94 | 700 | 0.5 | 0.55 | 2.5 | 108 | 28 | 2.5 | 24 | 19 | 35 | 5 | 0.45 |
| 90-DU-2514 | 62 | 4.18 | 600 | 0.5 | 0.60 | 2.5 | 98 | 22 | 2.5 | 23 | 17 | 40 | 5 | 0.48 |
| 90-DU-2517 | 52 | 2.92 | 400 | 1.0 | 0.71 | 5.0 | 57 | 24 | 2.5 | 10 | 14 | 26 | 5 | 0.16 |
| 90-DU-2520 | 63 | 3.75 | 1100 | 3.0 | 0.70 | 2.5 | 122 | 29 | 2.5 | 24 | 12 | 41 | 5 | 0.38 |
| 90-DU-2528 | 48 | 1.84 | 1400 | 1.0 | 0.98 | 2.5 | 31 | 24 | 2.5 | 10 | 16 | 24 | 5 | 0.08 |
| 90-DU-2530 | 46 | 2.46 | 800 | 0.5 | 0.80 | 2.5 | 60 | 21 | 2.5 | 10 | 15 | 19 | 5 | 0.08 |
| 90-DU-2531 | 50 | 3.40 | 600 | 0.5 | 0.76 | 2.5 | 77 | 20 | 2.5 | 10 | 13 | 34 | 5 | 0.31 |
| 90-DU-2536 | 46 | 2.51 | 800 | 1.0 | 0.92 | 2.5 | 65 | 19 | 2.5 | 10 | 17 | 19 | 5 | 0.09 |
| 90-DU-2538 | 80 | 3.95 | 800 | 4.0 | 0.65 | 2.5 | 90 | 28 | 2.5 | 20 | 12 | 32 | 5 | 0.41 |
| 90-DU-2540 | 70 | 6.08 | 1500 | 1.0 | 0.61 | 2.5 | 51 | 4 | 2.5 | 10 | 14 | 52 | 5 | 0.09 |
| 90-DU-2541 | 77 | 3.73 | 700 | 3.0 | 0.57 | 2.5 | 84 | 24 | 2.5 | 25 | 11 | 39 | 5 | 0.44 |
| 90-DU-2542 | 77 | 4.90 | 600 | 1.0 | 0.60 | 5.0 | 77 | 53 | 2.5 | 23 | 11 | 42 | 5 | 0.35 |
| 90-DU-2543 | 94 | 4.36 | 700 | 0.5 | 0.65 | 5.0 | 78 | 36 | 2.5 | 22 | 10 | 32 | 5 | 0.41 |
| 90-DU-2544 | 70 | 4.03 | 700 | 1.0 | 0.60 | 6.0 | 75 | 25 | 2.5 | 22 | 14 | 44 | 5 | 0.41 |
| 90-DU-2545 | 69 | 3.62 | 700 | 2.0 | 0.75 | 2.5 | 109 | 21 | 2.5 | 10 | 11 | 30 | 5 | 0.29 |
| 90-DU-2546 | 56 | 3.64 | 700 | 0.5 | 0.73 | 2.5 | 80 | 22 | 2.5 | 10 | 18 | 24 | 5 | 0.11 |
| 90-DU-2548 | 63 | 3.75 | 600 | 0.5 | 0.54 | 2.5 | 83 | 18 | 2.5 | 22 | 15 | 32 | 5 | 0.46 |
| 90-DU-2551 | 64 | 3.99 | 600 | 0.5 | 0.61 | 2.5 | 92 | 20 | 2.5 | 20 | 17 | 38 | 5 | 0.44 |
| 90-DU-2554 | 47 | 1.27 | 400 | 0.5 | 0.62 | 7.0 | 18 | 13 | 2.5 | 10 | 7 | 14 | 5 | 0.12 |
| 90-DU-2555 | 61 | 1.55 | 400 | 2.0 | 1.09 | 2.5 | 29 | 34 | 2.5 | 10 | 16 | 17 | 5 | 0.07 |
| 90-DU-2559 | 45 | 1.95 | 600 | 0.5 | 0.46 | 2.5 | 40 | 15 | 2.5 | 10 | 22 | 14 | 5 | 0.13 |
| 90-DU-2561 | 15 | 0.76 | 400 | 0.5 | 0.77 | 2.5 | 31 | 13 | 2.5 | 61 | 13 | 2.5 | 5 | 0.07 |
| 90-DU-2562 | 72 | 3.41 | 800 | 1.0 | 0.59 | 2.5 | 73 | 24 | 2.5 | 10 | 19 | 28 | 5 | 0.27 |
| 90-DU-2564 | 58 | 2.73 | 700 | 0.5 | 0.45 | 2.5 | 52 | 22 | 2.5 | 10 | 16 | 24 | 5 | 0.27 |
| 90-DU-2567 | 31 | 1.63 | 600 | 1.0 | 0.59 | 2.5 | 37 | 26 | 2.5 | 10 | 23 | 13 | 5 | 0.15 |
| 90-DU-2571 | 6 | 0.46 | 200 | 0.5 | 0.37 | 2.5 | 19 | 8 | 2.5 | 10 | 21 | 12 | 5 | 0.09 |
| 90-DU-2573 | 10 | 0.61 | 200 | 0.5 | 0.52 | 2.5 | 28 | 14 | 2.5 | 10 | 24 | 2.5 | 5 | 0.09 |
| 90-DU-2577 | 35 | 1.63 | 600 | 1.0 | 0.62 | 2.5 | 40 | 21 | 2.5 | 10 | 37 | 2.5 | 5 | 0.06 |
| 90-DU-2587 | 58 | 9.13 | 600 | 1.0 | 0.53 | 2.5 | 39 | 44 | 2.5 | 10 | 6 | 59 | 5 | 0.10 |
| 90-DU-2588 | 71 | 3.91 | 900 | 1.0 | 0.77 | 2.5 | 158 | 30 | 2.5 | 10 | 15 | 32 | 5 | 0.09 |
| 90-DU-2590- | 64 | 3.31 | 700 | 2.0 | 0.67 | 2.5 | 76 | 27 | 2.5 | 10 | 14 | 33 | 5 | 0.20 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|-------------|-----|----|----|-----|-----|
| 90-DU-2505 | 134 | 10 | 63 | 198 | 2.5 |
| 90-DU-2508 | 140 | 10 | 19 | 193 | 2.5 |
| 90-DU-2510 | 109 | 10 | 16 | 155 | 2.5 |
| 90-DU-2513 | 118 | 10 | 18 | 192 | 18 |
| 90-DU-2514 | 136 | 10 | 18 | 129 | 6 |
| 90-DU-2517 | 94 | 10 | 16 | 87 | 2.5 |
| 90-DU-2520 | 160 | 10 | 14 | 165 | 2.5 |
| 90-DU-2528 | 120 | 10 | 19 | 114 | 2.5 |
| 90-DU-2530 | 86 | 10 | 23 | 111 | 2.5 |
| 90-DU-2531 | 117 | 10 | 14 | 108 | 2.5 |
| 90-DU-2536 | 90 | 10 | 18 | 102 | 2.5 |
| 90-DU-2538 | 128 | 10 | 22 | 154 | 2.5 |
| 90-DU-2540 | 215 | 10 | 69 | 180 | 11 |
| 90-DU-2541 | 134 | 10 | 19 | 152 | 14 |
| 90-DU-2542 | 121 | 10 | 34 | 185 | 13 |
| 90-DU-2543 | 104 | 10 | 16 | 160 | 2.5 |
| 90-DU-2544 | 115 | 10 | 15 | 125 | 2.5 |
| 90-DU-2545 | 131 | 10 | 15 | 134 | 2.5 |
| 90-DU-2546 | 101 | 10 | 16 | 115 | 2.5 |
| 90-DU-2548 | 111 | 10 | 15 | 155 | 14 |
| 90-DU-2551 | 117 | 10 | 17 | 150 | 2.5 |
| 90-DU-2554 | 46 | 10 | 10 | 97 | 2.5 |
| 90-DU-2555 | 55 | 10 | 9 | 87 | 2.5 |
| 90-DU-2559 | 85 | 10 | 25 | 111 | 2.5 |
| 90-DU-2561 | 34 | 10 | 12 | 36 | 2.5 |
| 90-DU-2562 | 98 | 10 | 17 | 161 | 2.5 |
| 90-DU-2564 | 88 | 10 | 19 | 141 | 11 |
| 90-DU-2567 | 60 | 10 | 19 | 85 | 2.5 |
| 90-DU-2571 | 25 | 10 | 9 | 19 | 2.5 |
| 90-DU-2573 | 35 | 10 | 13 | 28 | 2.5 |
| 90-DU-2577 | 65 | 10 | 22 | 76 | 2.5 |
| 90-DU-2587 | 70 | 10 | 24 | 84 | 2.5 |
| 90-DU-2588 | 108 | 10 | 21 | 151 | 2.5 |
| 90-DU-2590- | 108 | 10 | 28 | 124 | 2.5 |

3. Analytic results from 1990 samples

| Sample | Li | Mg | Mn | Mo | Na | Nb | Ni | Pb | Sb | Sn | Sr | Ta | Te | Ti |
|------------|-----|------|------|------|------|-----|-----|----|-----|----|-----|-----|----|------|
| 90-DU-2591 | 87 | 4.20 | 800 | 3.0 | 0.56 | 2.5 | 79 | 30 | 2.5 | 20 | 17 | 35 | 5 | 0.41 |
| 90-DU-2592 | 66 | 3.10 | 700 | 17.0 | 0.70 | 2.5 | 68 | 36 | 2.5 | 10 | 11 | 29 | 5 | 0.19 |
| 90-DU-2595 | 100 | 5.12 | 800 | 0.5 | 0.74 | 2.5 | 131 | 36 | 2.5 | 24 | 11 | 52 | 5 | 0.41 |
| 90-DU-2596 | 82 | 4.90 | 500 | 4.0 | 0.49 | 5.0 | 79 | 33 | 2.5 | 22 | 7 | 41 | 5 | 0.39 |
| 90-DU-2598 | 74 | 2.91 | 500 | 2.0 | 0.44 | 2.5 | 59 | 20 | 2.5 | 10 | 60 | 23 | 5 | 0.26 |
| 90-DU-2600 | 81 | 3.38 | 700 | 1.0 | 0.67 | 2.5 | 58 | 22 | 2.5 | 10 | 18 | 16 | 5 | 0.35 |
| 90-DU-2601 | 47 | 1.69 | 800 | 2.0 | 1.13 | 2.5 | 20 | 21 | 2.5 | 10 | 18 | 5 | 5 | 0.08 |
| 90-DU-2602 | 65 | 2.75 | 700 | 3.0 | 0.55 | 2.5 | 39 | 22 | 2.5 | 10 | 16 | 11 | 5 | 0.20 |
| 90-DU-2606 | 48 | 2.06 | 300 | 0.5 | 0.34 | 7.0 | 38 | 12 | 2.5 | 10 | 103 | 2.5 | 5 | 0.18 |
| 90-DU-2607 | 49 | 2.22 | 300 | 0.5 | 0.37 | 2.5 | 33 | 12 | 2.5 | 10 | 93 | 32 | 5 | 0.16 |
| 90-DU-2608 | 41 | 2.91 | 1800 | 2.0 | 0.59 | 2.5 | 191 | 14 | 2.5 | 10 | 12 | 18 | 5 | 0.20 |
| 90-DU-2610 | 23 | 1.35 | 1300 | 2.0 | 1.36 | 2.5 | 61 | 25 | 2.5 | 10 | 41 | 2.5 | 5 | 0.04 |
| 90-DU-2611 | 66 | 3.03 | 1000 | 1.0 | 0.94 | 2.5 | 65 | 22 | 2.5 | 10 | 26 | 13 | 5 | 0.02 |
| 90-DU-2615 | 37 | 2.09 | 300 | 0.5 | 0.31 | 7.0 | 28 | 9 | 2.5 | 10 | 110 | 5 | 5 | 0.16 |
| 90-DU-2616 | 31 | 2.09 | 300 | 0.5 | 0.25 | 7.0 | 23 | 7 | 2.5 | 10 | 109 | 5 | 5 | 0.14 |

3. Analytic results from 1990 samples

| Sample | Ag | Al | As | Ba | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | K | La |
|------------|-----|------|----|-----|-----|-------|-----|----|-----|-----|-------|----|------|-----|
| 90-DU-2591 | 0.1 | 4.69 | 11 | 155 | 2.5 | 0.56 | 0.1 | 27 | 124 | 87 | 9.19 | 15 | 1.74 | 218 |
| 90-DU-2592 | 0.1 | 4.44 | 12 | 110 | 2.5 | 0.21 | 0.1 | 25 | 108 | 75 | 8.25 | 13 | 0.78 | 117 |
| 90-DU-2595 | 0.1 | 6.08 | 11 | 246 | 2.5 | 0.32 | 0.1 | 28 | 175 | 92 | 9.36 | 18 | 1.74 | 159 |
| 90-DU-2596 | 0.1 | 6.55 | 13 | 151 | 2.5 | 0.16 | 0.1 | 21 | 142 | 70 | 9.25 | 16 | 1.82 | 57 |
| 90-DU-2598 | 0.1 | 3.67 | 6 | 226 | 2.5 | 4.76 | 0.1 | 19 | 89 | 63 | 6.40 | 10 | 1.14 | 116 |
| 90-DU-2600 | 0.1 | 4.64 | 10 | 265 | 2.5 | 0.45 | 0.1 | 24 | 80 | 73 | 8.30 | 13 | 1.27 | 98 |
| 90-DU-2601 | 0.1 | 3.37 | 3 | 221 | 2.5 | 0.39 | 0.1 | 25 | 33 | 35 | 6.49 | 5 | 0.75 | 112 |
| 90-DU-2602 | 0.1 | 4.66 | 9 | 381 | 2.5 | 0.27 | 0.1 | 29 | 51 | 76 | 9.12 | 10 | 1.22 | 129 |
| 90-DU-2606 | 0.1 | 2.21 | 3 | 152 | 2.5 | 2.04 | 0.1 | 13 | 49 | 45 | 3.54 | 5 | 0.78 | 44 |
| 90-DU-2607 | 0.1 | 2.18 | 8 | 172 | 2.5 | 10.00 | 0.1 | 14 | 44 | 27 | 3.46 | 5 | 0.68 | 39 |
| 90-DU-2608 | 0.5 | 4.69 | 10 | 297 | 2.5 | 0.34 | 0.1 | 79 | 80 | 532 | 10.00 | 5 | 0.70 | 31 |
| 90-DU-2610 | 0.1 | 3.67 | 9 | 162 | 2.5 | 0.19 | 0.1 | 43 | 71 | 87 | 6.94 | 5 | 0.31 | 85 |
| 90-DU-2611 | 0.1 | 3.54 | 10 | 478 | 2.5 | 0.76 | 0.1 | 31 | 77 | 121 | 8.36 | 5 | 1.29 | 131 |
| 90-DU-2615 | 0.1 | 1.98 | 8 | 141 | 2.5 | 2.01 | 0.1 | 11 | 46 | 29 | 3.25 | 5 | 0.76 | 47 |
| 90-DU-2616 | 0.1 | 1.56 | 3 | 106 | 2.5 | 2.25 | 0.1 | 8 | 39 | 16 | 2.57 | 5 | 0.63 | 38 |

3. Analytic results from 1990 samples

| Sample | V | W | Y | Zn | Zr |
|------------|-----|----|----|-----|-----|
| 90-DU-2591 | 117 | 10 | 31 | 160 | 2.5 |
| 90-DU-2592 | 111 | 10 | 22 | 144 | 2.5 |
| 90-DU-2595 | 121 | 10 | 28 | 195 | 6 |
| 90-DU-2596 | 141 | 10 | 14 | 162 | 2.5 |
| 90-DU-2598 | 99 | 10 | 18 | 132 | 6 |
| 90-DU-2600 | 108 | 10 | 13 | 179 | 2.5 |
| 90-DU-2601 | 80 | 10 | 12 | 127 | 2.5 |
| 90-DU-2602 | 122 | 10 | 14 | 185 | 2.5 |
| 90-DU-2606 | 63 | 10 | 13 | 84 | 6 |
| 90-DU-2607 | 57 | 10 | 8 | 74 | 2.5 |
| 90-DU-2608 | 116 | 10 | 11 | 229 | 2.5 |
| 90-DU-2610 | 71 | 10 | 17 | 134 | 2.5 |
| 90-DU-2611 | 114 | 10 | 20 | 156 | 2.5 |
| 90-DU-2615 | 49 | 10 | 12 | 79 | 6 |
| 90-DU-2616 | 44 | 10 | 12 | 63 | 6 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|-------------|---------|-------|-------|--------|---------|-------|-------|---------|-------|-------|-------|-------|--------|-------|
| Detection | 0.2 ppm | 0.01% | 2 ppm | 10 ppm | 0.5 ppm | 2 ppm | 0.01% | 0.5 ppm | 1 ppm | 1 ppm | 1 ppm | 0.01% | 10 ppm | 1 ppm |
| 91-DU-3001 | 0.1 | 6.38 | 2 | 230 | 0.3 | 1 | 0.44 | 0.3 | 30 | 169 | 143 | 8.42 | 5 | 0.5 |
| 91-DU-3002 | 0.1 | 6.03 | 1 | 230 | 0.3 | 1 | 0.37 | 0.5 | 28 | 180 | 97 | 8.52 | 5 | 0.5 |
| 91-DU-3003 | 0.1 | 4.54 | 1 | 80 | 0.3 | 1 | 0.36 | 0.3 | 26 | 99 | 50 | 6.98 | 5 | 0.5 |
| 91-DU-3004 | 0.1 | 6.90 | 14 | 150 | 1.5 | 1 | 0.23 | 0.3 | 31 | 163 | 50 | 6.38 | 5 | 0.5 |
| 91-DU-3005 | 0.1 | 5.56 | 336 | 150 | 0.3 | 1 | 0.26 | 0.5 | 35 | 151 | 164 | 7.77 | 5 | 0.5 |
| 91-DU-3007 | 0.1 | 3.53 | 1 | 170 | 0.3 | 1 | 1.23 | 0.3 | 14 | 105 | 31 | 5.19 | 5 | 0.5 |
| 91-DU-3008 | 0.1 | 5.64 | 1 | 430 | 0.3 | 1 | 0.98 | 1.0 | 29 | 135 | 143 | 9.60 | 5 | 0.5 |
| 91-DU-3010 | 0.1 | 5.53 | 16 | 230 | 0.3 | 1 | 0.48 | 1.0 | 37 | 161 | 165 | 8.14 | 5 | 0.5 |
| 91-DU-3011 | 0.1 | 6.42 | 1 | 280 | 0.3 | 1 | 0.50 | 0.3 | 27 | 151 | 82 | 9.17 | 5 | 0.5 |
| 91-DU-3013 | 0.1 | 5.18 | 1 | 230 | 0.3 | 1 | 0.31 | 0.3 | 29 | 81 | 92 | 9.98 | 5 | 0.5 |
| 91-DU-3015 | 0.1 | 4.55 | 1 | 190 | 0.3 | 1 | 0.39 | 0.3 | 23 | 143 | 76 | 7.10 | 5 | 0.5 |
| 91-DU-3017 | 0.1 | 5.15 | 1 | 320 | 0.3 | 1 | 2.00 | 0.5 | 25 | 137 | 126 | 7.68 | 5 | 0.5 |
| 91-DU-3018 | 0.1 | 5.75 | 1 | 160 | 0.3 | 1 | 0.31 | 0.3 | 29 | 128 | 91 | 8.99 | 5 | 0.5 |
| 91-DU-3019 | 0.1 | 6.36 | 1 | 390 | 0.3 | 1 | 0.37 | 0.3 | 32 | 223 | 152 | 10.20 | 5 | 0.5 |
| 91-DU-3020 | 0.1 | 6.39 | 1 | 320 | 0.3 | 1 | 0.33 | 0.3 | 33 | 204 | 115 | 9.91 | 5 | 0.5 |
| 91-DU-3021 | 0.1 | 3.37 | 1 | 130 | 0.3 | 1 | 0.45 | 0.3 | 23 | 113 | 66 | 6.26 | 5 | 0.5 |
| 91-DU-3022 | 0.1 | 5.03 | 6 | 230 | 0.3 | 1 | 1.04 | 0.5 | 23 | 129 | 97 | 7.26 | 5 | 0.5 |
| 91-DU-3023 | 0.1 | 5.50 | 8 | 270 | 0.3 | 1 | 1.10 | 0.5 | 26 | 126 | 80 | 7.10 | 5 | 0.5 |
| 91-DU-3024 | 0.1 | 6.02 | 20 | 280 | 0.3 | 1 | 0.61 | 1.5 | 33 | 158 | 189 | 8.12 | 5 | 0.5 |
| 91-DU-3025 | 0.1 | 5.64 | 1 | 320 | 0.3 | 1 | 0.38 | 0.5 | 27 | 136 | 100 | 8.20 | 5 | 0.5 |
| 91-DU-3028 | 0.1 | 3.11 | 1 | 70 | 0.3 | 1 | 0.14 | 0.3 | 24 | 95 | 50 | 4.73 | 5 | 0.5 |
| 91-DU-3029 | 0.1 | 6.87 | 14 | 280 | 0.3 | 1 | 0.29 | 1.0 | 27 | 200 | 131 | 9.05 | 5 | 0.5 |
| 91-DU-3030 | 0.1 | 6.66 | 1 | 280 | 0.3 | 1 | 0.44 | 0.3 | 27 | 201 | 101 | 8.58 | 5 | 0.5 |
| 91-DU-3035 | 0.1 | 6.63 | 1 | 170 | 0.5 | 1 | 0.27 | 0.3 | 27 | 184 | 75 | 7.80 | 5 | 0.5 |
| 91-DU-3036 | 0.1 | 3.77 | 1 | 30 | 0.3 | 1 | 0.26 | 0.3 | 17 | 264 | 14 | 3.85 | 5 | 0.5 |
| 91-DU-3039 | 0.1 | 7.64 | 4 | 150 | 1.0 | 1 | 0.48 | 1.0 | 30 | 164 | 85 | 7.27 | 5 | 0.5 |
| 91-DU-3043 | 0.1 | 7.17 | 1 | 120 | 1.0 | 1 | 0.75 | 0.5 | 27 | 124 | 35 | 5.09 | 5 | 0.5 |
| 91-DU-3044 | 0.1 | 7.58 | 18 | 250 | 8.5 | 1 | 0.19 | 0.5 | 25 | 125 | 75 | 7.16 | 5 | 0.5 |
| 91-DU-3045 | 0.1 | 6.60 | 1 | 230 | 0.5 | 1 | 0.42 | 0.3 | 23 | 164 | 91 | 7.82 | 5 | 0.5 |
| 91-DU-3046 | 0.1 | 6.30 | 14 | 210 | 0.3 | 1 | 0.43 | 0.5 | 24 | 157 | 77 | 7.57 | 5 | 0.5 |
| 91-DU-3049 | 0.1 | 6.12 | 6 | 190 | 0.5 | 1 | 0.48 | 0.5 | 21 | 154 | 104 | 8.20 | 5 | 0.5 |
| 91-DU-3051 | 0.1 | 6.49 | 2 | 150 | 0.3 | 1 | 0.26 | 0.3 | 32 | 141 | 81 | 7.84 | 5 | 0.5 |
| 91-DU-3051g | 0.1 | 5.01 | 6 | 90 | 0.3 | 1 | 0.03 | 0.3 | 16 | 122 | 325 | 16.00 | 5 | 0.5 |
| 91-DU-3054 | 0.1 | 6.71 | 1 | 150 | 0.3 | 1 | 0.10 | 0.3 | 22 | 118 | 89 | 7.60 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|-------|--------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|--------|
| Detection | 0.01% | 10 ppm | 0.01% | 5 ppm | 1 ppm | 0.01% | 1 ppm | 10 ppm | 2 ppm | 2 ppm | 1 ppm | 1 ppm | 0.01% | 10 ppm | 10 ppm |
| 91-DU- 3001 | 2.31 | 40 | 3.41 | 600 | 2 | 0.61 | 106 | 2000 | 28 | 1 | 23 | 15 | 0.39 | 5. | 5 |
| 91-DU- 3002 | 2.46 | 60 | 3.21 | 665 | 3 | 0.52 | 112 | 1990 | 42 | 1 | 24 | 14 | 0.42 | 5 | 5 |
| 91-DU- 3003 | 0.57 | 100 | 1.87 | 1400 | 2 | 0.84 | 41 | 4920 | 50 | 1 | 11 | 17 | 0.21 | 30 | 5 |
| 91-DU- 3004 | 2.31 | 40 | 4.42 | 380 | 8 | 0.61 | 110 | 2100 | 22 | 4 | 22 | 8 | 0.29 | 5 | 5 |
| 91-DU- 3005 | 2.50 | 50 | 3.30 | 550 | 2 | 0.53 | 124 | 1880 | 26 | 2 | 22 | 8 | 0.39 | 5 | 5 |
| 91-DU- 3007 | 1.23 | 60 | 2.49 | 395 | 1 | 0.41 | 43 | 1670 | 24 | 1 | 12 | 24 | 0.20 | 5 | 5 |
| 91-DU- 3008 | 1.75 | 250 | 2.82 | 680 | 3 | 0.59 | 99 | 1340 | 40 | 1 | 21 | 25 | 0.21 | 40 | 5 |
| 91-DU- 3010 | 1.78 | 80 | 3.58 | 940 | 2 | 0.78 | 147 | 1850 | 36 | 2 | 20 | 11 | 0.27 | 10 | 5 |
| 91-DU- 3011 | 2.53 | 160 | 4.02 | 1100 | 0.5 | 0.57 | 59 | 1500 | 44 | 6 | 22 | 13 | 0.34 | 30 | 5 |
| 91-DU- 3013 | 0.97 | 260 | 2.47 | 1435 | 2 | 0.87 | 41 | 3560 | 88 | 2 | 18 | 20 | 0.05 | 80 | 5 |
| 91-DU- 3015 | 2.07 | 110 | 2.84 | 780 | 4 | 0.48 | 79 | 820 | 40 | 2 | 19 | 11 | 0.27 | 10 | 5 |
| 91-DU- 3017 | 2.02 | 80 | 3.58 | 730 | 0.5 | 0.49 | 100 | 1340 | 42 | 1 | 20 | 24 | 0.30 | 5 | 5 |
| 91-DU- 3018 | 1.93 | 130 | 3.37 | 1185 | 3 | 0.66 | 64 | 1100 | 44 | 2 | 22 | 13 | 0.26 | 30 | 5 |
| 91-DU- 3019 | 2.52 | 200 | 3.90 | 905 | 0.5 | 0.46 | 99 | 1610 | 34 | 2 | 22 | 18 | 0.31 | 40 | 5 |
| 91-DU- 3020 | 2.73 | 170 | 3.74 | 1095 | 0.5 | 0.86 | 76 | 2150 | 46 | 4 | 22 | 19 | 0.19 | 40 | 5 |
| 91-DU- 3021 | 1.12 | 130 | 2.04 | 895 | 1 | 0.55 | 45 | 2830 | 36 | 2 | 13 | 21 | 0.11 | 20 | 5 |
| 91-DU- 3022 | 1.79 | 140 | 3.66 | 745 | 0.5 | 0.65 | 85 | 2340 | 50 | 4 | 18 | 16 | 0.29 | 10 | 5 |
| 91-DU- 3023 | 1.66 | 90 | 3.48 | 825 | 0.5 | 0.60 | 83 | 2250 | 52 | 2 | 19 | 14 | 0.29 | 5 | 5 |
| 91-DU- 3024 | 1.99 | 80 | 3.49 | 805 | 0.5 | 0.68 | 182 | 2320 | 42 | 1 | 23 | 11 | 0.18 | 10 | 5 |
| 91-DU- 3025 | 2.34 | 110 | 3.89 | 955 | 0.5 | 0.57 | 77 | 970 | 36 | 4 | 21 | 11 | 0.27 | 20 | 5 |
| 91-DU- 3028 | 0.51 | 70 | 1.27 | 1415 | 2 | 1.30 | 35 | 8790 | 60 | 2 | 8 | 8 | 0.21 | 5 | 5 |
| 91-DU- 3029 | 2.88 | 40 | 3.47 | 675 | 3 | 0.46 | 139 | 1650 | 44 | 4 | 27 | 11 | 0.41 | 5 | 5 |
| 91-DU- 3030 | 2.92 | 60 | 3.78 | 715 | 1 | 0.49 | 100 | 1870 | 44 | 6 | 28 | 12 | 0.44 | 5 | 5 |
| 91-DU- 3035 | 2.22 | 70 | 3.96 | 670 | 1 | 0.62 | 98 | 1900 | 26 | 1 | 24 | 11 | 0.32 | 10 | 5 |
| 91-DU- 3036 | 0.13 | 120 | 3.12 | 630 | 1 | 1.04 | 74 | 10000 | 12 | 2 | 9 | 16 | 0.07 | 20 | 5 |
| 91-DU- 3039 | 2.34 | 60 | 3.70 | 630 | 6 | 0.49 | 182 | 2580 | 28 | 2 | 25 | 12 | 0.30 | 5 | 5 |
| 91-DU- 3043 | 1.99 | 70 | 2.90 | 620 | 3 | 0.79 | 89 | 4490 | 40 | 8 | 17 | 12 | 0.28 | 5 | 5 |
| 91-DU- 3044 | 1.94 | 110 | 2.28 | 640 | 0.5 | 0.50 | 88 | 2200 | 56 | 1 | 23 | 12 | 0.26 | 30 | 5 |
| 91-DU- 3045 | 2.40 | 70 | 3.03 | 645 | 1 | 0.52 | 100 | 1790 | 38 | 2 | 24 | 17 | 0.35 | 5 | 5 |
| 91-DU- 3046 | 2.04 | 110 | 3.02 | 600 | 3 | 0.63 | 88 | 1830 | 42 | 4 | 24 | 12 | 0.33 | 20 | 5 |
| 91-DU- 3049 | 1.95 | 70 | 2.88 | 530 | 1 | 0.46 | 92 | 1970 | 48 | 2 | 23 | 16 | 0.27 | 10 | 5 |
| 91-DU- 3051 | 1.59 | 70 | 2.41 | 705 | 1 | 0.77 | 79 | 2720 | 40 | 4 | 22 | 12 | 0.14 | 10 | 5 |
| 91-DU- 3051g | 1.15 | 10 | 1.57 | 320 | 7 | 0.63 | 53 | 3090 | 38 | 4 | 21 | 4 | 0.06 | 5 | 10 |
| 91-DU- 3054 | 1.23 | 60 | 1.92 | 405 | 11 | 0.73 | 59 | 3290 | 48 | 2 | 16 | 7 | 0.16 | 10 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-------|--------|-------|
| Detection | 1 ppm | 10 ppm | 2 ppm |
| 91-DU- 3001 | 162 | 5 | 198 |
| 91-DU- 3002 | 159 | 5 | 256 |
| 91-DU- 3003 | 122 | 5 | 140 |
| 91-DU- 3004 | 136 | 5 | 68 |
| 91-DU- 3005 | 140 | 5 | 116 |
| 91-DU- 3007 | 105 | 5 | 130 |
| 91-DU- 3008 | 157 | 5 | 352 |
| 91-DU- 3010 | 169 | 5 | 354 |
| 91-DU- 3011 | 132 | 5 | 234 |
| 91-DU- 3013 | 140 | 5 | 226 |
| 91-DU- 3015 | 147 | 5 | 212 |
| 91-DU- 3017 | 141 | 5 | 298 |
| 91-DU- 3018 | 146 | 5 | 268 |
| 91-DU- 3019 | 157 | 5 | 264 |
| 91-DU- 3020 | 163 | 5 | 244 |
| 91-DU- 3021 | 104 | 5 | 136 |
| 91-DU- 3022 | 130 | 5 | 300 |
| 91-DU- 3023 | 126 | 5 | 266 |
| 91-DU- 3024 | 162 | 5 | 446 |
| 91-DU- 3025 | 128 | 5 | 288 |
| 91-DU- 3028 | 85 | 5 | 86 |
| 91-DU- 3029 | 180 | 5 | 342 |
| 91-DU- 3030 | 175 | 5 | 220 |
| 91-DU- 3035 | 145 | 5 | 152 |
| 91-DU- 3036 | 53 | 5 | 100 |
| 91-DU- 3039 | 150 | 5 | 462 |
| 91-DU- 3043 | 113 | 5 | 74 |
| 91-DU- 3044 | 119 | 5 | 256 |
| 91-DU- 3045 | 146 | 5 | 206 |
| 91-DU- 3046 | 154 | 5 | 182 |
| 91-DU- 3049 | 146 | 5 | 220 |
| 91-DU- 3051 | 138 | 5 | 160 |
| 91-DU- 3051g | 115 | 5 | 116 |
| 91-DU- 3054 | 144 | 5 | 178 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|-------------|-----|------|-----|-----|------|----|------|-----|----|-----|-----|-------|----|-----|
| 91-DU-3055 | 0.1 | 6.55 | 1 | 250 | 0.3 | 1 | 0.55 | 0.3 | 26 | 157 | 118 | 9.72 | 5 | 0.5 |
| 91-DU-3056 | 0.1 | 5.98 | 32 | 160 | 0.3 | 1 | 0.36 | 0.3 | 25 | 153 | 96 | 8.09 | 5 | 0.5 |
| 91-DU-3057 | 0.1 | 6.75 | 8 | 150 | 1.0 | 1 | 0.59 | 0.5 | 29 | 164 | 59 | 7.26 | 5 | 0.5 |
| 91-DU-3058 | 0.1 | 6.20 | 1 | 340 | 1.0 | 1 | 0.53 | 1.0 | 27 | 131 | 116 | 7.92 | 5 | 0.5 |
| 91-DU-3063 | 0.1 | 6.20 | 1 | 280 | 1.0 | 1 | 0.38 | 0.3 | 20 | 146 | 93 | 8.04 | 5 | 0.5 |
| 91-DU-3064 | 0.1 | 5.75 | 2 | 100 | 3.0 | 1 | 0.24 | 0.3 | 20 | 88 | 48 | 6.19 | 5 | 0.5 |
| 91-DU-3064g | 0.1 | 3.79 | 1 | 260 | 0.3 | 1 | 0.10 | 0.3 | 41 | 159 | 127 | 13.98 | 5 | 0.5 |
| 91-DU-3065 | 0.1 | 6.17 | 1 | 250 | 0.3 | 1 | 0.48 | 0.3 | 24 | 134 | 246 | 7.35 | 5 | 0.5 |
| 91-DU-3067 | 0.1 | 5.83 | 1 | 220 | 0.3 | 1 | 0.31 | 0.3 | 22 | 150 | 58 | 7.25 | 5 | 0.5 |
| 91-DU-3068 | 0.1 | 5.77 | 4 | 160 | 0.3 | 1 | 0.37 | 0.3 | 18 | 128 | 71 | 7.37 | 5 | 0.5 |
| 91-DU-3071 | 0.1 | 4.46 | 1 | 230 | 0.3 | 1 | 0.27 | 0.5 | 29 | 106 | 80 | 8.02 | 5 | 0.5 |
| 91-DU-3078 | 0.1 | 5.43 | 1 | 240 | 0.3 | 1 | 0.27 | 0.5 | 18 | 85 | 83 | 6.53 | 5 | 0.5 |
| 91-DU-3080 | 0.1 | 6.24 | 20 | 150 | 0.3 | 1 | 0.30 | 0.5 | 19 | 114 | 82 | 6.75 | 5 | 0.5 |
| 91-DU-3082 | 0.1 | 6.55 | 28 | 130 | 0.3 | 1 | 0.52 | 0.5 | 22 | 120 | 110 | 7.05 | 5 | 0.5 |
| 91-DU-3086 | 0.1 | 6.02 | 14 | 230 | 0.3 | 1 | 0.67 | 1.5 | 26 | 147 | 159 | 10.01 | 5 | 0.5 |
| 91-DU-3090 | 0.1 | 5.58 | 10 | 180 | 0.3 | 1 | 0.57 | 0.5 | 23 | 121 | 142 | 8.43 | 5 | 0.5 |
| 91-DU-3093 | 0.1 | 4.26 | 20 | 140 | 0.3 | 1 | 5.04 | 0.5 | 20 | 97 | 69 | 4.98 | 5 | 0.5 |
| 91-DU-3093g | 0.1 | 0.82 | 520 | 60 | 0.3 | 12 | 0.11 | 0.3 | 42 | 29 | 712 | 16.00 | 5 | 0.5 |
| 91-DU-3095 | 0.1 | 5.84 | 1 | 230 | 0.3 | 1 | 0.36 | 1.0 | 31 | 139 | 74 | 8.06 | 5 | 0.5 |
| 91-DU-3096 | 0.1 | 6.10 | 1 | 210 | 0.3 | 1 | 0.40 | 1.5 | 27 | 155 | 135 | 9.41 | 5 | 0.5 |
| 91-DU-3097 | 0.1 | 5.26 | 122 | 180 | 13.0 | 1 | 1.27 | 1.5 | 27 | 98 | 105 | 7.81 | 5 | 0.5 |
| 91-DU-3097g | 2.6 | 2.51 | 1 | 10 | 0.3 | 42 | 0.26 | 0.3 | 9 | 40 | 599 | 16.00 | 5 | 0.5 |
| 91-DU-3097g | 1.2 | 3.02 | 6 | 100 | 0.3 | 1 | 0.01 | 0.3 | 3 | 63 | 77 | 7.58 | 5 | 0.5 |
| 91-DU-3102 | 0.4 | 5.73 | 1 | 340 | 0.3 | 1 | 3.12 | 0.5 | 21 | 127 | 106 | 7.11 | 5 | 0.5 |
| 91-DU-3103 | 0.1 | 5.77 | 1 | 220 | 0.3 | 1 | 0.48 | 0.3 | 26 | 156 | 114 | 8.24 | 5 | 0.5 |
| 91-DU-3104 | 0.1 | 6.07 | 1 | 250 | 0.3 | 1 | 0.66 | 0.3 | 31 | 165 | 142 | 8.69 | 5 | 0.5 |
| 91-DU-3109 | 0.2 | 5.31 | 1 | 120 | 0.3 | 1 | 0.18 | 0.3 | 23 | 121 | 66 | 6.47 | 5 | 0.5 |
| 91-DU-3114 | 0.1 | 4.48 | 1 | 130 | 0.3 | 1 | 0.51 | 0.3 | 34 | 210 | 135 | 7.53 | 5 | 0.5 |
| 91-DU-3115 | 0.1 | 3.27 | 1 | 60 | 0.3 | 1 | 0.61 | 0.3 | 17 | 170 | 58 | 5.00 | 5 | 0.5 |
| 91-DU-3117 | 0.4 | 5.68 | 1 | 220 | 0.3 | 1 | 0.28 | 0.3 | 29 | 166 | 65 | 7.96 | 5 | 0.5 |
| 91-DU-3123 | 0.4 | 6.21 | 1 | 50 | 0.3 | 1 | 0.20 | 0.3 | 40 | 152 | 449 | 5.76 | 5 | 0.5 |
| 91-DU-3130 | 0.1 | 5.03 | 1 | 80 | 0.3 | 1 | 0.16 | 0.3 | 12 | 177 | 83 | 4.69 | 5 | 0.5 |
| 91-DU-3131 | 0.1 | 6.22 | 1 | 260 | 0.3 | 1 | 0.54 | 0.3 | 43 | 155 | 117 | 9.08 | 5 | 0.5 |
| 91-DU-3133 | 0.1 | 6.39 | 1 | 780 | 0.3 | 1 | 0.28 | 0.3 | 39 | 372 | 218 | 8.43 | 5 | 0.5 |
| 91-DU-3138 | 0.1 | 3.86 | 1 | 270 | 0.3 | 1 | 0.35 | 0.3 | 21 | 107 | 27 | 5.23 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|------|-----|------|-----|-------|-----|----|----|----|------|----|-----|
| 91-DU- 3055 | 2.13 | 100 | 2.62 | 655 | 3 | 0.42 | 100 | 1730 | 40 | 2 | 26 | 34 | 0.28 | 10 | 5 |
| 91-DU- 3056 | 1.49 | 60 | 2.67 | 580 | 4 | 0.58 | 103 | 2110 | 46 | 4 | 22 | 11 | 0.26 | 10 | 5 |
| 91-DU- 3057 | 1.93 | 100 | 3.35 | 605 | 0.5 | 0.58 | 170 | 2390 | 26 | 1 | 24 | 13 | 0.29 | 20 | 5 |
| 91-DU- 3058 | 2.13 | 90 | 3.11 | 735 | 3 | 0.55 | 116 | 2000 | 64 | 2 | 23 | 10 | 0.34 | 10 | 5 |
| 91-DU- 3063 | 2.66 | 90 | 2.78 | 785 | 2 | 0.56 | 84 | 1670 | 46 | 1 | 26 | 14 | 0.33 | 10 | 5 |
| 91-DU- 3064 | 0.99 | 80 | 1.67 | 735 | 2 | 0.61 | 57 | 2990 | 70 | 2 | 19 | 15 | 0.16 | 20 | 5 |
| 91-DU- 3064g | 2.11 | 20 | 1.67 | 770 | 14 | 0.92 | 65 | 5810 | 106 | 1 | 19 | 22 | 0.04 | 5 | 130 |
| 91-DU- 3065 | 2.50 | 110 | 3.28 | 605 | 0.5 | 0.67 | 77 | 1580 | 40 | 1 | 23 | 13 | 0.26 | 10 | 5 |
| 91-DU- 3067 | 2.65 | 100 | 2.99 | 700 | 0.5 | 0.44 | 75 | 1210 | 42 | 1 | 24 | 14 | 0.34 | 20 | 5 |
| 91-DU- 3068 | 1.78 | 100 | 2.70 | 550 | 0.5 | 0.50 | 68 | 1720 | 56 | 6 | 20 | 15 | 0.25 | 20 | 5 |
| 91-DU- 3071 | 1.50 | 170 | 1.90 | 910 | 6 | 0.78 | 90 | 4830 | 68 | 1 | 16 | 15 | 0.05 | 40 | 5 |
| 91-DU- 3078 | 1.02 | 70 | 1.72 | 455 | 3 | 0.54 | 76 | 2130 | 42 | 2 | 18 | 14 | 0.13 | 10 | 5 |
| 91-DU- 3080 | 1.18 | 70 | 2.78 | 575 | 1 | 0.65 | 84 | 3260 | 42 | 2 | 19 | 13 | 0.19 | 10 | 5 |
| 91-DU- 3082 | 1.02 | 90 | 3.72 | 550 | 1 | 0.75 | 104 | 3020 | 38 | 4 | 22 | 13 | 0.15 | 10 | 5 |
| 91-DU- 3086 | 1.78 | 160 | 3.16 | 690 | 10 | 0.57 | 143 | 1670 | 72 | 4 | 23 | 28 | 0.17 | 30 | 5 |
| 91-DU- 3090 | 1.36 | 130 | 2.73 | 685 | 5 | 0.57 | 109 | 2720 | 48 | 1 | 21 | 23 | 0.27 | 20 | 5 |
| 91-DU- 3093 | 0.91 | 30 | 3.11 | 520 | 0.5 | 0.50 | 79 | 2570 | 38 | 2 | 15 | 52 | 0.19 | 5 | 5 |
| 91-DU- 3093g | 0.62 | 10 | 0.37 | 15 | 0.5 | 0.41 | 31 | 10000 | 148 | 4 | 4 | 64 | 0.01 | 5 | 5 |
| 91-DU- 3095 | 1.63 | 120 | 3.06 | 1185 | 2 | 0.67 | 92 | 2670 | 62 | 1 | 23 | 17 | 0.22 | 30 | 5 |
| 91-DU- 3096 | 1.62 | 70 | 2.92 | 785 | 9 | 0.52 | 138 | 2410 | 46 | 1 | 24 | 20 | 0.21 | 10 | 5 |
| 91-DU- 3097 | 0.75 | 100 | 2.64 | 680 | 1 | 0.65 | 95 | 3710 | 64 | 8 | 18 | 36 | 0.13 | 5 | 5 |
| 91-DU- 3097g | 0.09 | 5 | 0.18 | 175 | 1 | 0.70 | 15 | 8110 | 40 | 1 | 7 | 13 | 0.04 | 5 | 5 |
| 91-DU- 3097g | 0.61 | 10 | 0.57 | 160 | 21 | 1.17 | 12 | 8460 | 18 | 1 | 7 | 9 | 0.06 | 5 | 5 |
| 91-DU- 3102 | 2.02 | 90 | 4.16 | 730 | 1 | 0.51 | 72 | 1730 | 56 | 6 | 20 | 15 | 0.36 | 5 | 5 |
| 91-DU- 3103 | 1.92 | 100 | 2.90 | 855 | 4 | 0.84 | 82 | 3560 | 42 | 1 | 18 | 15 | 0.13 | 10 | 5 |
| 91-DU- 3104 | 2.11 | 160 | 3.37 | 1015 | 3 | 0.95 | 121 | 3430 | 52 | 4 | 22 | 14 | 0.24 | 30 | 5 |
| 91-DU- 3109 | 0.75 | 80 | 1.82 | 910 | 4 | 1.26 | 50 | 9500 | 64 | 1 | 12 | 9 | 0.15 | 5 | 5 |
| 91-DU- 3114 | 0.99 | 240 | 3.05 | 1345 | 2 | 1.96 | 77 | 10000 | 58 | 1 | 13 | 31 | 0.05 | 70 | 5 |
| 91-DU- 3115 | 0.40 | 240 | 1.53 | 860 | 1 | 2.42 | 46 | 10000 | 52 | 1 | 9 | 34 | 0.04 | 70 | 5 |
| 91-DU- 3117 | 1.17 | 70 | 2.42 | 865 | 1 | 1.14 | 64 | 7560 | 34 | 4 | 10 | 21 | 0.03 | 10 | 5 |
| 91-DU- 3123 | 0.37 | 120 | 1.10 | 760 | 7 | 0.90 | 110 | 6260 | 100 | 2 | 10 | 9 | 0.15 | 30 | 5 |
| 91-DU- 3130 | 0.52 | 140 | 0.58 | 720 | 2 | 1.98 | 50 | 10000 | 30 | 1 | 8 | 7 | 0.11 | 40 | 5 |
| 91-DU- 3131 | 1.09 | 180 | 3.41 | 1030 | 1 | 0.84 | 92 | 3880 | 30 | 1 | 13 | 25 | 0.05 | 50 | 5 |
| 91-DU- 3133 | 1.54 | 90 | 3.67 | 650 | 3 | 1.44 | 233 | 10000 | 24 | 1 | 11 | 16 | 0.04 | 10 | 5 |
| 91-DU- 3138 | 1.30 | 110 | 2.48 | 650 | 0.5 | 0.34 | 50 | 1560 | 12 | 1 | 9 | 25 | 0.18 | 10 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-----|----|-----|
| 91-DU- 3055 | 165 | 5 | 272 |
| 91-DU- 3056 | 157 | 5 | 240 |
| 91-DU- 3057 | 147 | 5 | 496 |
| 91-DU- 3058 | 164 | 5 | 412 |
| 91-DU- 3063 | 138 | 5 | 270 |
| 91-DU- 3064 | 102 | 5 | 258 |
| 91-DU- 3064g | 169 | 5 | 206 |
| 91-DU- 3065 | 131 | 5 | 172 |
| 91-DU- 3067 | 136 | 5 | 192 |
| 91-DU- 3068 | 132 | 5 | 276 |
| 91-DU- 3071 | 139 | 5 | 260 |
| 91-DU- 3078 | 127 | 5 | 266 |
| 91-DU- 3080 | 120 | 5 | 250 |
| 91-DU- 3082 | 119 | 5 | 258 |
| 91-DU- 3086 | 172 | 5 | 462 |
| 91-DU- 3090 | 141 | 5 | 276 |
| 91-DU- 3093 | 94 | 5 | 118 |
| 91-DU- 3093g | 79 | 50 | 26 |
| 91-DU- 3095 | 147 | 5 | 278 |
| 91-DU- 3096 | 181 | 5 | 480 |
| 91-DU- 3097 | 122 | 5 | 436 |
| 91-DU- 3097g | 68 | 50 | 60 |
| 91-DU- 3097g | 68 | 5 | 44 |
| 91-DU- 3102 | 128 | 20 | 248 |
| 91-DU- 3103 | 138 | 10 | 202 |
| 91-DU- 3104 | 171 | 10 | 218 |
| 91-DU- 3109 | 118 | 5 | 134 |
| 91-DU- 3114 | 133 | 5 | 152 |
| 91-DU- 3115 | 89 | 5 | 90 |
| 91-DU- 3117 | 112 | 5 | 190 |
| 91-DU- 3123 | 102 | 5 | 106 |
| 91-DU- 3130 | 62 | 5 | 116 |
| 91-DU- 3131 | 168 | 20 | 196 |
| 91-DU- 3133 | 128 | 5 | 190 |
| 91-DU- 3138 | 80 | 5 | 146 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|-------------|-----|------|-----|-----|-----|----|------|-----|----|-----|-----|-------|----|-----|
| 91-DU-3141 | 0.1 | 3.92 | 1 | 90 | 0.3 | 1 | 0.27 | 0.3 | 19 | 97 | 44 | 5.47 | 5 | 0.5 |
| 91-DU-3142 | 0.1 | 3.29 | 1 | 70 | 0.3 | 1 | 0.36 | 0.3 | 15 | 78 | 32 | 4.45 | 5 | 0.5 |
| 91-DU-3145 | 0.1 | 4.99 | 1 | 200 | 0.3 | 1 | 0.37 | 0.3 | 30 | 146 | 97 | 7.66 | 5 | 0.5 |
| 91-DU-3146 | 0.1 | 6.41 | 1 | 180 | 0.3 | 1 | 0.67 | 0.5 | 26 | 183 | 85 | 9.18 | 5 | 0.5 |
| 91-DU-3147 | 0.4 | 7.43 | 6 | 230 | 0.3 | 1 | 0.45 | 0.3 | 27 | 212 | 110 | 9.24 | 5 | 0.5 |
| 91-DU-3149 | 0.1 | 6.69 | 1 | 230 | 0.3 | 1 | 0.76 | 0.3 | 28 | 174 | 103 | 9.03 | 5 | 0.5 |
| 91-DU-3152 | 0.2 | 6.44 | 1 | 190 | 0.3 | 1 | 0.34 | 0.3 | 30 | 195 | 120 | 8.96 | 5 | 1 |
| 91-DU-3155 | 0.6 | 6.76 | 1 | 240 | 0.3 | 1 | 0.62 | 0.3 | 51 | 180 | 241 | 8.70 | 5 | 0.5 |
| 91-DU-3157 | 0.2 | 6.82 | 1 | 250 | 0.3 | 1 | 0.54 | 0.3 | 23 | 178 | 67 | 8.31 | 5 | 0.5 |
| 91-DU-3158 | 0.1 | 5.86 | 1 | 190 | 0.3 | 1 | 0.55 | 0.5 | 21 | 141 | 142 | 9.88 | 5 | 1 |
| 91-DU-3159 | 0.1 | 5.33 | 1 | 190 | 0.3 | 1 | 0.31 | 0.5 | 21 | 115 | 88 | 8.04 | 5 | 0.5 |
| 91-DU-3161 | 0.8 | 6.52 | 1 | 260 | 0.5 | 1 | 0.47 | 0.5 | 28 | 143 | 82 | 8.85 | 5 | 0.5 |
| 91-DU-3163 | 0.4 | 5.74 | 1 | 280 | 0.3 | 1 | 0.40 | 0.5 | 28 | 127 | 113 | 8.81 | 5 | 0.5 |
| 91-DU-3165 | 0.6 | 6.43 | 1 | 290 | 0.3 | 1 | 0.42 | 0.3 | 32 | 173 | 96 | 9.14 | 5 | 0.5 |
| 91-DU-3167 | 0.4 | 5.72 | 1 | 290 | 1.5 | 1 | 0.84 | 0.5 | 30 | 131 | 105 | 8.49 | 5 | 0.5 |
| 91-DU-3172 | 0.4 | 5.85 | 1 | 220 | 0.3 | 1 | 0.28 | 0.3 | 31 | 131 | 70 | 8.49 | 5 | 0.5 |
| 91-DU-3173 | 0.8 | 6.57 | 1 | 220 | 0.3 | 1 | 0.29 | 0.3 | 36 | 165 | 97 | 9.60 | 5 | 0.5 |
| 91-DU-3176 | 1.0 | 7.38 | 26 | 210 | 1.0 | 1 | 0.36 | 0.3 | 38 | 206 | 167 | 11.29 | 5 | 0.5 |
| 91-DU-3180 | 0.8 | 5.85 | 24 | 90 | 1.5 | 1 | 0.18 | 0.5 | 31 | 112 | 75 | 6.72 | 5 | 0.5 |
| 91-DU-3180g | 4.0 | 4.06 | 1 | 160 | 0.3 | 1 | 0.07 | 0.3 | <1 | 163 | 197 | 16.00 | 5 | 0.5 |
| 91-DU-3181 | 0.4 | 7.29 | 1 | 220 | 2.0 | 1 | 0.25 | 0.3 | 31 | 222 | 68 | 9.32 | 5 | 0.5 |
| 91-DU-3184 | 0.4 | 6.46 | 16 | 140 | 1.5 | 1 | 0.42 | 0.3 | 28 | 148 | 53 | 5.88 | 5 | 0.5 |
| 91-DU-3186 | 0.6 | 6.38 | 4 | 220 | 0.5 | 1 | 0.35 | 0.3 | 27 | 172 | 66 | 7.26 | 5 | 0.5 |
| 91-DU-3188 | 0.8 | 6.50 | 144 | 290 | 0.3 | 1 | 0.76 | 0.3 | 42 | 179 | 234 | 8.80 | 5 | 0.5 |
| 91-DU-3192 | 0.6 | 6.10 | 50 | 230 | 0.5 | 1 | 0.47 | 0.3 | 32 | 171 | 94 | 7.75 | 5 | 0.5 |
| 91-DU-3193 | 0.4 | 6.72 | 4 | 190 | 1.0 | 1 | 0.47 | 0.3 | 28 | 161 | 168 | 6.89 | 5 | 0.5 |
| 91-DU-3197 | 0.6 | 5.74 | 44 | 260 | 1.0 | 1 | 0.37 | 0.3 | 33 | 141 | 151 | 7.38 | 5 | 0.5 |
| 91-DU-3200 | 0.6 | 6.77 | 1 | 250 | 1.0 | 1 | 0.12 | 0.3 | 33 | 200 | 113 | 8.46 | 5 | 0.5 |
| 91-DU-3202 | 0.2 | 7.55 | 4 | 130 | 2.0 | 1 | 0.37 | 0.5 | 30 | 159 | 52 | 6.49 | 5 | 0.5 |
| 91-DU-3203 | 0.6 | 7.07 | 28 | 160 | 2.0 | 1 | 0.39 | 0.3 | 31 | 162 | 68 | 6.73 | 5 | 0.5 |
| 91-DU-3205 | 0.1 | 6.43 | 8 | 120 | 3.5 | 1 | 0.28 | 0.3 | 23 | 128 | 15 | 5.56 | 5 | 0.5 |
| 91-DU-3206 | 0.8 | 6.49 | 70 | 190 | 1.0 | 1 | 0.41 | 0.3 | 38 | 167 | 141 | 9.28 | 5 | 0.5 |
| 91-DU-3207 | 0.4 | 6.53 | 1 | 270 | 1.5 | 1 | 0.55 | 0.5 | 31 | 177 | 97 | 8.34 | 5 | 0.5 |
| 91-DU-3208 | 1.0 | 6.45 | 1 | 430 | 0.5 | 1 | 0.53 | 0.3 | 47 | 162 | 183 | 10.55 | 5 | 0.5 |
| 91-DU-3210 | 0.2 | 3.55 | 1 | 50 | 0.3 | 1 | 0.26 | 0.3 | 20 | 152 | 44 | 4.94 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|------|-----|------|-----|-------|----|----|----|----|------|----|---|
| 91-DU- 3141 | 0.73 | 180 | 1.60 | 875 | 1 | 1.16 | 40 | 6420 | 42 | 1 | 10 | 24 | 0.12 | 40 | 5 |
| 91-DU- 3142 | 0.56 | 90 | 1.40 | 475 | 0.5 | 0.79 | 32 | 6160 | 28 | 2 | 7 | 26 | 0.07 | 10 | 5 |
| 91-DU- 3145 | 1.73 | 90 | 2.87 | 915 | 3 | 0.85 | 61 | 3210 | 40 | 1 | 15 | 18 | 0.11 | 20 | 5 |
| 91-DU- 3146 | 2.08 | 140 | 3.13 | 675 | 1 | 0.49 | 86 | 2050 | 68 | 2 | 28 | 17 | 0.37 | 20 | 5 |
| 91-DU- 3147 | 2.96 | 80 | 3.60 | 765 | 1 | 0.45 | 103 | 1370 | 70 | 4 | 31 | 12 | 0.28 | 10 | 5 |
| 91-DU- 3149 | 1.68 | 140 | 3.73 | 845 | 0.5 | 0.63 | 82 | 1540 | 72 | 1 | 25 | 18 | 0.16 | 30 | 5 |
| 91-DU- 3152 | 1.87 | 90 | 3.64 | 1140 | 1 | 0.58 | 75 | 1360 | 46 | 4 | 21 | 13 | 0.36 | 10 | 5 |
| 91-DU- 3155 | 1.46 | 100 | 2.68 | 995 | 2 | 0.87 | 127 | 3480 | 56 | 1 | 17 | 12 | 0.10 | 20 | 5 |
| 91-DU- 3157 | 3.22 | 120 | 3.42 | 820 | 0.5 | 0.41 | 85 | 1860 | 36 | 1 | 28 | 22 | 0.42 | 20 | 5 |
| 91-DU- 3158 | 1.50 | 150 | 2.61 | 485 | 6 | 0.49 | 101 | 1580 | 54 | 1 | 22 | 26 | 0.20 | 20 | 5 |
| 91-DU- 3159 | 1.43 | 130 | 2.61 | 575 | 3 | 0.68 | 78 | 1690 | 32 | 1 | 19 | 13 | 0.22 | 20 | 5 |
| 91-DU- 3161 | 1.43 | 130 | 2.73 | 625 | 3 | 0.58 | 90 | 2000 | 34 | 1 | 24 | 18 | 0.20 | 30 | 5 |
| 91-DU- 3163 | 1.86 | 170 | 2.89 | 660 | 3 | 0.65 | 88 | 1160 | 34 | 1 | 22 | 14 | 0.24 | 40 | 5 |
| 91-DU- 3165 | 2.21 | 150 | 3.53 | 695 | 2 | 0.69 | 102 | 1070 | 32 | 2 | 26 | 17 | 0.23 | 30 | 5 |
| 91-DU- 3167 | 1.68 | 190 | 3.08 | 570 | 3 | 0.66 | 97 | 1790 | 44 | 1 | 22 | 21 | 0.12 | 40 | 5 |
| 91-DU- 3172 | 1.81 | 90 | 2.63 | 785 | 2 | 0.64 | 72 | 1420 | 34 | 1 | 21 | 15 | 0.23 | 10 | 5 |
| 91-DU- 3173 | 1.88 | 90 | 2.95 | 860 | 5 | 0.70 | 86 | 1180 | 42 | 1 | 22 | 15 | 0.24 | 20 | 5 |
| 91-DU- 3176 | 2.90 | 70 | 3.49 | 675 | 1 | 0.57 | 177 | 1970 | 38 | 2 | 29 | 12 | 0.24 | 10 | 5 |
| 91-DU- 3180 | 0.58 | 20 | 1.46 | 855 | 4 | 0.97 | 126 | 6470 | 56 | 2 | 11 | 16 | 0.16 | 10 | 5 |
| 91-DU- 3180g | 2.28 | 20 | 1.61 | 195 | 36 | 0.57 | 9 | 10000 | 70 | 2 | 25 | 18 | 0.73 | 5 | 5 |
| 91-DU- 3181 | 2.59 | 50 | 4.20 | 725 | 2 | 0.57 | 122 | 2120 | 24 | 1 | 26 | 8 | 0.28 | 10 | 5 |
| 91-DU- 3184 | 2.01 | 50 | 3.44 | 580 | 2 | 0.56 | 99 | 2660 | 20 | 2 | 23 | 10 | 0.31 | 20 | 5 |
| 91-DU- 3186 | 2.74 | 40 | 3.75 | 625 | 0.5 | 0.56 | 102 | 1490 | 28 | 1 | 25 | 11 | 0.38 | 5 | 5 |
| 91-DU- 3188 | 2.25 | 80 | 3.52 | 785 | 1 | 0.67 | 175 | 2680 | 36 | 2 | 27 | 12 | 0.39 | 10 | 5 |
| 91-DU- 3192 | 2.42 | 60 | 3.83 | 805 | 1 | 0.61 | 103 | 2160 | 32 | 2 | 26 | 11 | 0.41 | 10 | 5 |
| 91-DU- 3193 | 2.58 | 60 | 4.16 | 615 | 1 | 0.52 | 89 | 1910 | 22 | 1 | 27 | 12 | 0.37 | 10 | 5 |
| 91-DU- 3197 | 2.34 | 50 | 2.94 | 735 | 2 | 0.66 | 101 | 3060 | 26 | 1 | 19 | 10 | 0.10 | 10 | 5 |
| 91-DU- 3200 | 2.65 | 30 | 3.36 | 765 | 7 | 0.59 | 114 | 2620 | 18 | 1 | 25 | 7 | 0.16 | 5 | 5 |
| 91-DU- 3202 | 1.80 | 60 | 3.63 | 495 | 4 | 0.62 | 96 | 3860 | 28 | 1 | 22 | 9 | 0.30 | 10 | 5 |
| 91-DU- 3203 | 2.08 | 60 | 3.98 | 485 | 5 | 0.44 | 95 | 2400 | 32 | 4 | 22 | 10 | 0.32 | 10 | 5 |
| 91-DU- 3205 | 1.81 | 70 | 3.77 | 475 | 2 | 0.55 | 76 | 2780 | 36 | 1 | 19 | 8 | 0.26 | 20 | 5 |
| 91-DU- 3206 | 1.95 | 70 | 3.31 | 680 | 15 | 0.57 | 184 | 1740 | 52 | 2 | 25 | 10 | 0.16 | 10 | 5 |
| 91-DU- 3207 | 2.37 | 70 | 3.54 | 770 | 1 | 0.49 | 103 | 1340 | 50 | 1 | 25 | 12 | 0.19 | 5 | 5 |
| 91-DU- 3208 | 1.87 | 150 | 3.27 | 1635 | 4 | 0.60 | 99 | 1080 | 66 | 4 | 23 | 19 | 0.19 | 60 | 5 |
| 91-DU- 3210 | 0.35 | 60 | 1.35 | 1195 | 1 | 1.36 | 39 | 7660 | 44 | 1 | 8 | 11 | 0.16 | 5 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-----|----|-----|
| 91-DU- 3141 | 103 | 5 | 106 |
| 91-DU- 3142 | 75 | 5 | 94 |
| 91-DU- 3145 | 135 | 10 | 168 |
| 91-DU- 3146 | 168 | 20 | 196 |
| 91-DU- 3147 | 179 | 10 | 228 |
| 91-DU- 3149 | 160 | 20 | 194 |
| 91-DU- 3152 | 145 | 10 | 222 |
| 91-DU- 3155 | 131 | 10 | 170 |
| 91-DU- 3157 | 149 | 10 | 152 |
| 91-DU- 3158 | 164 | 10 | 266 |
| 91-DU- 3159 | 130 | 5 | 240 |
| 91-DU- 3161 | 170 | 5 | 246 |
| 91-DU- 3163 | 155 | 10 | 276 |
| 91-DU- 3165 | 181 | 10 | 202 |
| 91-DU- 3167 | 157 | 10 | 238 |
| 91-DU- 3172 | 163 | 10 | 236 |
| 91-DU- 3173 | 182 | 10 | 256 |
| 91-DU- 3176 | 143 | 10 | 216 |
| 91-DU- 3180 | 121 | 5 | 334 |
| 91-DU- 3180g | 277 | 5 | 188 |
| 91-DU- 3181 | 179 | 5 | 116 |
| 91-DU- 3184 | 128 | 10 | 88 |
| 91-DU- 3186 | 146 | 5 | 124 |
| 91-DU- 3188 | 166 | 10 | 170 |
| 91-DU- 3192 | 153 | 10 | 122 |
| 91-DU- 3193 | 145 | 10 | 76 |
| 91-DU- 3197 | 131 | 10 | 134 |
| 91-DU- 3200 | 179 | 5 | 156 |
| 91-DU- 3202 | 140 | 10 | 82 |
| 91-DU- 3203 | 145 | 10 | 64 |
| 91-DU- 3205 | 113 | 5 | 50 |
| 91-DU- 3206 | 188 | 5 | 224 |
| 91-DU- 3207 | 161 | 5 | 248 |
| 91-DU- 3208 | 180 | 10 | 278 |
| 91-DU- 3210 | 98 | 5 | 78 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|--------------|-----|------|----|-----|-----|----|------|-----|----|-----|-----|-------|----|-----|
| 91-DU- 3213 | 0.6 | 7.23 | 1 | 440 | 2.5 | 1 | 0.54 | 0.5 | 24 | 121 | 79 | 9.68 | 5 | 0.5 |
| 91-DU- 3214 | 1.0 | 7.84 | 1 | 150 | 0.3 | 1 | 0.14 | 0.3 | 25 | 207 | 78 | 9.51 | 5 | 0.5 |
| 91-DU- 3216 | 0.6 | 8.13 | 1 | 160 | 0.3 | 1 | 0.18 | 0.3 | 33 | 144 | 77 | 9.29 | 5 | 0.5 |
| 91-DU- 3221 | 0.6 | 6.39 | 1 | 110 | 0.3 | 1 | 0.29 | 0.3 | 26 | 180 | 69 | 8.32 | 5 | 0.5 |
| 91-DU- 3222 | 0.6 | 6.54 | 8 | 290 | 0.3 | 1 | 0.66 | 0.3 | 34 | 173 | 122 | 9.45 | 5 | 0.5 |
| 91-DU- 3226 | 0.8 | 6.33 | 1 | 220 | 0.3 | 1 | 0.20 | 3.0 | 35 | 155 | 241 | 14.38 | 5 | 0.5 |
| 91-DU- 3227 | 1.0 | 7.83 | 1 | 260 | 0.3 | 1 | 0.59 | 0.5 | 32 | 207 | 82 | 8.67 | 5 | 0.5 |
| 91-DU- 3228 | 0.6 | 8.41 | 1 | 260 | 0.3 | 1 | 0.48 | 0.3 | 33 | 201 | 41 | 8.04 | 5 | 0.5 |
| 91-DU- 3231 | 0.4 | 5.51 | 1 | 130 | 0.3 | 1 | 0.51 | 0.3 | 37 | 213 | 107 | 9.74 | 5 | 0.5 |
| 91-DU- 3233 | 0.1 | 4.25 | 1 | 80 | 0.3 | 1 | 0.59 | 0.3 | 33 | 226 | 103 | 6.88 | 5 | 0.5 |
| 91-DU- 3235 | 1.2 | 6.53 | 2 | 250 | 0.3 | 1 | 0.46 | 0.3 | 35 | 177 | 168 | 10.57 | 5 | 0.5 |
| 91-DU- 3238 | 0.6 | 6.60 | 1 | 340 | 0.3 | 1 | 0.70 | 0.3 | 41 | 164 | 263 | 9.91 | 5 | 0.5 |
| 91-DU- 3239 | 1.2 | 6.58 | 1 | 240 | 0.3 | 1 | 0.48 | 0.3 | 36 | 209 | 201 | 9.39 | 5 | 0.5 |
| 91-DU- 3241 | 0.8 | 6.93 | 1 | 220 | 0.3 | 1 | 0.64 | 0.3 | 43 | 226 | 308 | 9.77 | 5 | 0.5 |
| 91-DU- 3243 | 0.8 | 6.74 | 1 | 340 | 0.3 | 1 | 0.40 | 0.3 | 36 | 209 | 158 | 10.38 | 5 | 0.5 |
| 91-DU- 3247 | 0.6 | 6.38 | 1 | 350 | 0.5 | 1 | 0.47 | 0.5 | 33 | 163 | 102 | 9.49 | 5 | 0.5 |
| 91-DU- 3248 | 0.1 | 6.16 | 1 | 240 | 0.3 | 6 | 0.54 | 0.3 | 30 | 169 | 148 | 9.70 | 5 | 0.5 |
| 91-DU- 3250 | 0.1 | 7.00 | 6 | 310 | 0.3 | 1 | 0.23 | 0.3 | 32 | 196 | 110 | 8.64 | 5 | 0.5 |
| 91-DU- 3251 | 0.1 | 6.30 | 1 | 260 | 0.3 | 2 | 0.32 | 0.3 | 35 | 255 | 129 | 9.66 | 5 | 0.5 |
| 91-DU- 3252 | 0.1 | 5.69 | 1 | 180 | 0.3 | 1 | 0.28 | 0.3 | 28 | 148 | 111 | 8.95 | 5 | 0.5 |
| 91-DU- 3253 | 0.4 | 5.68 | 1 | 190 | 0.3 | 4 | 0.83 | 0.3 | 29 | 149 | 151 | 8.54 | 5 | 0.5 |
| 91-DU- 3255 | 0.1 | 6.47 | 1 | 270 | 0.3 | 4 | 0.48 | 0.3 | 27 | 169 | 107 | 8.83 | 5 | 0.5 |
| 91-DU- 3257 | 0.1 | 5.79 | 1 | 240 | 0.3 | 8 | 0.46 | 0.3 | 30 | 169 | 122 | 8.19 | 5 | 0.5 |
| 91-DU- 3260 | 0.1 | 6.08 | 1 | 220 | 0.3 | 1 | 0.30 | 0.3 | 32 | 165 | 121 | 8.76 | 5 | 0.5 |
| 91-DU- 3262 | 1.4 | 3.19 | 1 | 60 | 0.3 | 1 | 0.16 | 0.3 | 21 | 68 | 53 | 5.02 | 5 | 0.5 |
| 91-DU- 3264 | 0.1 | 2.83 | 1 | 30 | 0.3 | 1 | 0.63 | 0.3 | 15 | 74 | 41 | 3.98 | 5 | 0.5 |
| 91-DU- 3265 | 0.1 | 6.28 | 1 | 240 | 0.3 | 8 | 0.30 | 1.5 | 32 | 136 | 247 | 11.51 | 5 | 0.5 |
| 91-DU- 3267 | 0.1 | 3.66 | 1 | 170 | 0.3 | 1 | 0.40 | 0.3 | 26 | 86 | 76 | 6.60 | 5 | 0.5 |
| 91-DU- 3269 | 0.1 | 3.23 | 1 | 50 | 0.3 | 1 | 0.32 | 0.3 | 19 | 169 | 113 | 4.56 | 5 | 0.5 |
| 91-DU- 3272 | 0.1 | 5.65 | 6 | 250 | 0.3 | 1 | 0.34 | 0.3 | 38 | 168 | 129 | 7.92 | 5 | 0.5 |
| 91-DU- 3274 | 0.1 | 4.88 | 1 | 200 | 0.3 | 4 | 3.21 | 0.3 | 24 | 125 | 96 | 6.19 | 5 | 0.5 |
| 91-DU- 3274g | 3.8 | 0.84 | 14 | 30 | 0.3 | 8 | 0.07 | 0.3 | 5 | 84 | 90 | 16.00 | 5 | 0.5 |
| 91-DU- 3276 | 0.1 | 6.08 | 1 | 300 | 0.3 | 1 | 0.38 | 0.3 | 31 | 149 | 204 | 9.51 | 5 | 0.5 |
| 91-DU- 3277 | 0.1 | 5.39 | 1 | 370 | 0.3 | 2 | 1.03 | 0.3 | 30 | 129 | 187 | 9.03 | 5 | 0.5 |
| 91-DU- 3278 | 0.2 | 3.58 | 1 | 130 | 0.3 | 2 | 7.78 | 0.3 | 19 | 97 | 56 | 4.74 | 5 | 1 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|------|-----|------|-----|-------|----|----|----|----|------|----|----|
| 91-DU- 3213 | 1.86 | 170 | 2.71 | 855 | 1 | 0.59 | 69 | 2590 | 68 | 1 | 26 | 10 | 0.40 | 40 | 5 |
| 91-DU- 3214 | 1.02 | 90 | 2.26 | 545 | 2 | 0.58 | 65 | 3100 | 56 | 4 | 15 | 12 | 0.33 | 20 | 5 |
| 91-DU- 3216 | 1.17 | 120 | 2.87 | 940 | 0.5 | 0.48 | 76 | 2860 | 40 | 1 | 14 | 18 | 0.38 | 20 | 5 |
| 91-DU- 3221 | 0.77 | 60 | 2.17 | 680 | 0.5 | 0.77 | 64 | 2490 | 44 | 2 | 13 | 21 | 0.30 | 5 | 5 |
| 91-DU- 3222 | 2.44 | 200 | 3.49 | 1020 | 1 | 0.49 | 109 | 2160 | 62 | 1 | 25 | 13 | 0.44 | 40 | 5 |
| 91-DU- 3226 | 1.79 | 80 | 2.61 | 740 | 66 | 0.55 | 302 | 2850 | 88 | 2 | 26 | 12 | 0.24 | 10 | 5 |
| 91-DU- 3227 | 2.87 | 70 | 4.13 | 665 | 2 | 0.42 | 124 | 2580 | 48 | 2 | 33 | 17 | 0.50 | 5 | 5 |
| 91-DU- 3228 | 3.33 | 70 | 4.78 | 755 | 1 | 0.81 | 101 | 3210 | 36 | 4 | 35 | 12 | 0.33 | 10 | 5 |
| 91-DU- 3231 | 1.09 | 150 | 3.47 | 1180 | 1 | 0.78 | 74 | 2910 | 40 | 1 | 18 | 26 | 0.24 | 30 | 5 |
| 91-DU- 3233 | 0.60 | 240 | 2.39 | 1755 | 1 | 1.24 | 67 | 6760 | 60 | 2 | 11 | 34 | 0.18 | 60 | 5 |
| 91-DU- 3235 | 1.74 | 180 | 3.23 | 1110 | 3 | 0.85 | 73 | 2970 | 66 | 6 | 21 | 22 | 0.14 | 40 | 5 |
| 91-DU- 3238 | 1.62 | 150 | 3.34 | 1050 | 3 | 0.65 | 118 | 2250 | 52 | 1 | 25 | 14 | 0.20 | 30 | 5 |
| 91-DU- 3239 | 1.95 | 140 | 3.06 | 915 | 2 | 0.67 | 95 | 2540 | 56 | 2 | 22 | 15 | 0.29 | 30 | 5 |
| 91-DU- 3241 | 1.68 | 120 | 3.18 | 895 | 2 | 0.67 | 119 | 2710 | 54 | 2 | 21 | 16 | 0.34 | 20 | 5 |
| 91-DU- 3243 | 2.17 | 120 | 3.46 | 895 | 2 | 0.58 | 85 | 1950 | 52 | 2 | 24 | 17 | 0.32 | 20 | 5 |
| 91-DU- 3247 | 2.60 | 150 | 3.89 | 1075 | 0.5 | 0.42 | 97 | 1970 | 88 | 1 | 26 | 9 | 0.47 | 30 | 5 |
| 91-DU- 3248 | 2.48 | 90 | 3.69 | 740 | 7 | 0.56 | 148 | 1930 | 28 | 1 | 25 | 16 | 0.42 | 5 | 5 |
| 91-DU- 3250 | 3.20 | 70 | 3.82 | 865 | 3 | 0.61 | 94 | 2460 | 28 | 1 | 27 | 9 | 0.52 | 5 | 5 |
| 91-DU- 3251 | 2.80 | 230 | 3.72 | 1085 | 2 | 0.59 | 102 | 2110 | 54 | 1 | 23 | 13 | 0.47 | 5 | 5 |
| 91-DU- 3252 | 1.85 | 180 | 2.85 | 990 | 4 | 0.65 | 74 | 2610 | 68 | 1 | 21 | 15 | 0.25 | 5 | 5 |
| 91-DU- 3253 | 1.16 | 320 | 3.44 | 790 | 1 | 0.71 | 71 | 2790 | 50 | 1 | 17 | 23 | 0.18 | 5 | 5 |
| 91-DU- 3255 | 2.44 | 70 | 3.72 | 620 | 1 | 0.51 | 98 | 2080 | 52 | 1 | 24 | 12 | 0.38 | 5 | 5 |
| 91-DU- 3257 | 2.24 | 100 | 3.51 | 840 | 1 | 0.63 | 120 | 2210 | 40 | 1 | 22 | 13 | 0.35 | 5 | 5 |
| 91-DU- 3260 | 2.27 | 90 | 3.82 | 990 | 1 | 0.57 | 78 | 970 | 34 | 1 | 19 | 12 | 0.23 | 5 | 10 |
| 91-DU- 3262 | 0.43 | 180 | 0.93 | 1650 | 0.5 | 1.25 | 29 | 10000 | 50 | 1 | 7 | 11 | 0.08 | 5 | 5 |
| 91-DU- 3264 | 0.28 | 70 | 1.16 | 700 | 1 | 0.84 | 26 | 7280 | 16 | 2 | 8 | 21 | 0.06 | 5 | 5 |
| 91-DU- 3265 | 1.46 | 140 | 2.61 | 625 | 27 | 0.50 | 143 | 2110 | 18 | 1 | 22 | 16 | 0.15 | 5 | 5 |
| 91-DU- 3267 | 1.48 | 220 | 2.33 | 895 | 0.5 | 0.59 | 47 | 2850 | 20 | 1 | 13 | 25 | 0.07 | 5 | 5 |
| 91-DU- 3269 | 0.40 | 60 | 1.88 | 790 | 1 | 1.48 | 42 | 10000 | 20 | 1 | 7 | 15 | 0.15 | 5 | 5 |
| 91-DU- 3272 | 1.46 | 100 | 2.99 | 550 | 3 | 0.74 | 102 | 2280 | 36 | 1 | 19 | 14 | 0.13 | 5 | 5 |
| 91-DU- 3274 | 1.36 | 70 | 3.00 | 415 | 0.5 | 0.48 | 91 | 1590 | 26 | 1 | 16 | 66 | 0.12 | 5 | 5 |
| 91-DU- 3274g | 3.83 | 5 | 0.62 | 220 | 115 | 0.45 | 0.5 | 1690 | 16 | 2 | 18 | 23 | 0.14 | 5 | 5 |
| 91-DU- 3276 | 1.17 | 70 | 3.81 | 515 | 5 | 0.59 | 102 | 2160 | 32 | 1 | 23 | 17 | 0.09 | 5 | 5 |
| 91-DU- 3277 | 1.67 | 70 | 3.62 | 410 | 4 | 0.53 | 122 | 1250 | 16 | 1 | 19 | 17 | 0.25 | 5 | 5 |
| 91-DU- 3278 | 1.28 | 70 | 3.26 | 375 | 0.5 | 0.38 | 54 | 2070 | 20 | 1 | 12 | 68 | 0.23 | 5 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-----|----|-----|
| 91-DU- 3213 | 147 | 10 | 250 |
| 91-DU- 3214 | 164 | 5 | 166 |
| 91-DU- 3216 | 150 | 5 | 200 |
| 91-DU- 3221 | 145 | 5 | 142 |
| 91-DU- 3222 | 169 | 10 | 240 |
| 91-DU- 3226 | 311 | 10 | 730 |
| 91-DU- 3227 | 165 | 5 | 206 |
| 91-DU- 3228 | 188 | 5 | 106 |
| 91-DU- 3231 | 188 | 5 | 166 |
| 91-DU- 3233 | 152 | 5 | 120 |
| 91-DU- 3235 | 178 | 5 | 204 |
| 91-DU- 3238 | 176 | 5 | 304 |
| 91-DU- 3239 | 163 | 5 | 210 |
| 91-DU- 3241 | 178 | 5 | 188 |
| 91-DU- 3243 | 194 | 5 | 208 |
| 91-DU- 3247 | 173 | 5 | 274 |
| 91-DU- 3248 | 190 | 5 | 308 |
| 91-DU- 3250 | 186 | 5 | 116 |
| 91-DU- 3251 | 178 | 5 | 240 |
| 91-DU- 3252 | 161 | 5 | 236 |
| 91-DU- 3253 | 153 | 5 | 222 |
| 91-DU- 3255 | 176 | 5 | 212 |
| 91-DU- 3257 | 170 | 5 | 268 |
| 91-DU- 3260 | 162 | 5 | 224 |
| 91-DU- 3262 | 81 | 5 | 90 |
| 91-DU- 3264 | 77 | 5 | 60 |
| 91-DU- 3265 | 216 | 5 | 620 |
| 91-DU- 3267 | 106 | 5 | 154 |
| 91-DU- 3269 | 104 | 5 | 70 |
| 91-DU- 3272 | 181 | 5 | 186 |
| 91-DU- 3274 | 132 | 5 | 208 |
| 91-DU- 3274g | 772 | 50 | 34 |
| 91-DU- 3276 | 209 | 5 | 294 |
| 91-DU- 3277 | 210 | 5 | 314 |
| 91-DU- 3278 | 113 | 5 | 134 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|--------------|-----|------|----|-----|-----|----|-------|-----|----|-----|-----|-------|----|-----|
| 91-DU- 3279 | 0.6 | 5.18 | 1 | 250 | 0.3 | 4 | 0.53 | 0.3 | 32 | 129 | 123 | 10.63 | 5 | 0.5 |
| 91-DU- 3281 | 0.1 | 5.71 | 16 | 240 | 0.3 | 8 | 0.45 | 0.5 | 41 | 132 | 317 | 12.92 | 5 | 0.5 |
| 91-DU- 3282 | 0.2 | 5.70 | 1 | 430 | 0.3 | 2 | 0.37 | 0.3 | 38 | 76 | 107 | 7.94 | 5 | 0.5 |
| 91-DU- 3283 | 0.1 | 5.54 | 4 | 140 | 0.3 | 4 | 0.20 | 0.3 | 32 | 81 | 78 | 8.68 | 5 | 0.5 |
| 91-DU- 3284 | 0.2 | 3.30 | 1 | 160 | 0.3 | 1 | 11.57 | 0.3 | 13 | 78 | 56 | 4.19 | 5 | 0.5 |
| 91-DU- 3285 | 0.2 | 2.14 | 1 | 100 | 0.3 | 1 | 14.09 | 0.3 | 8 | 57 | 30 | 2.46 | 5 | 0.5 |
| 91-DU- 3288 | 0.4 | 4.38 | 2 | 210 | 0.3 | 1 | 0.43 | 0.3 | 33 | 116 | 311 | 6.98 | 5 | 0.5 |
| 91-DU- 3290 | 0.4 | 3.01 | 1 | 80 | 0.3 | 1 | 0.15 | 0.3 | 17 | 64 | 66 | 4.74 | 5 | 0.5 |
| 91-DU- 3293 | 0.2 | 5.21 | 1 | 440 | 0.3 | 1 | 0.53 | 0.3 | 25 | 119 | 97 | 7.68 | 5 | 0.5 |
| 91-DU- 3295 | 0.1 | 5.06 | 2 | 140 | 0.3 | 10 | 0.97 | 2.0 | 34 | 129 | 235 | 11.85 | 5 | 0.5 |
| 91-DU- 3297 | 0.1 | 5.18 | 1 | 280 | 0.3 | 2 | 2.20 | 0.3 | 24 | 117 | 106 | 7.22 | 5 | 0.5 |
| 91-DU- 3300 | 0.1 | 6.29 | 1 | 260 | 0.3 | 4 | 0.36 | 0.3 | 36 | 163 | 120 | 9.00 | 5 | 0.5 |
| 91-DU- 3301 | 0.1 | 5.49 | 2 | 250 | 0.3 | 4 | 0.52 | 0.3 | 41 | 251 | 132 | 8.89 | 5 | 0.5 |
| 91-DU- 3304 | 1.6 | 5.15 | 84 | 200 | 0.3 | 1 | 0.12 | 0.3 | 36 | 169 | 191 | 7.30 | 5 | 0.5 |
| 91-DU- 3307 | 0.1 | 6.86 | 10 | 240 | 0.3 | 8 | 0.32 | 0.3 | 33 | 191 | 134 | 9.75 | 5 | 0.5 |
| 91-DU- 3309 | 0.2 | 5.70 | 1 | 290 | 0.3 | 8 | 0.58 | 0.3 | 31 | 125 | 117 | 9.21 | 5 | 0.5 |
| 91-DU- 3311 | 0.1 | 4.06 | 1 | 120 | 0.3 | 1 | 0.60 | <1 | 28 | 102 | 90 | 4.84 | 5 | 0.5 |
| 91-DU- 3312 | 0.2 | 6.83 | 1 | 360 | 0.3 | 2 | 0.47 | 0.3 | 35 | 123 | 99 | 10.01 | 5 | 0.5 |
| 91-DU- 3315 | 0.1 | 6.54 | 1 | 410 | 0.3 | 6 | 0.48 | 0.3 | 36 | 133 | 152 | 10.08 | 5 | 0.5 |
| 91-DU- 3317 | 0.2 | 5.34 | 1 | 240 | 0.3 | 4 | 0.30 | 0.3 | 29 | 89 | 106 | 7.12 | 5 | 0.5 |
| 91-DU- 3320 | 0.4 | 5.55 | 26 | 220 | 0.3 | 4 | 0.31 | 0.3 | 30 | 128 | 230 | 13.24 | 5 | 0.5 |
| 91-DU- 3321 | 0.5 | 6.01 | 1 | 420 | 0.3 | 1 | 0.33 | 1.5 | 31 | 131 | 277 | 13.76 | 5 | 0.5 |
| 91-DU- 3323 | 0.7 | 5.94 | 1 | 450 | 0.3 | 1 | 0.32 | 0.3 | 36 | 123 | 194 | 10.84 | 5 | 0.5 |
| 91-DU- 3324 | 0.4 | 6.65 | 20 | 170 | 0.3 | 1 | 0.19 | 0.3 | 28 | 122 | 169 | 8.95 | 5 | 0.5 |
| 91-DU- 3324g | 2.5 | 2.44 | 4 | 10 | 0.3 | 1 | 0.06 | 1.0 | 2 | 96 | 281 | 16.00 | 5 | 0.5 |
| 91-DU- 3327 | 0.1 | 5.65 | 26 | 190 | 0.3 | 2 | 0.28 | 0.3 | 30 | 131 | 124 | 7.95 | 5 | 0.5 |
| 91-DU- 3330 | 0.1 | 6.52 | 38 | 200 | 0.3 | 1 | 0.19 | 0.3 | 39 | 188 | 149 | 9.67 | 5 | 0.5 |
| 91-DU- 3331 | 1.3 | 5.67 | 60 | 170 | 0.3 | 1 | 1.27 | 7.5 | 60 | 159 | 323 | 13.43 | 5 | 0.5 |
| 91-DU- 3331g | 4.0 | 3.15 | 1 | 100 | 0.3 | 1 | 0.06 | 1.0 | 7 | 176 | 123 | 16.00 | 5 | 0.5 |
| 91-DU- 3334 | 0.6 | 5.95 | 52 | 190 | 0.3 | 1 | 0.64 | 0.3 | 39 | 147 | 165 | 10.50 | 5 | 0.5 |
| 91-DU- 3335 | 0.2 | 6.39 | 84 | 180 | 0.3 | 1 | 0.66 | 0.3 | 37 | 172 | 173 | 9.53 | 5 | 0.5 |
| 91-DU- 3337 | 0.4 | 6.24 | 30 | 200 | 0.3 | 1 | 0.62 | 0.3 | 28 | 143 | 129 | 7.99 | 5 | 0.5 |
| 91-DU- 3337g | 4.5 | 0.86 | 20 | 50 | 0.3 | 1 | 0.07 | 0.5 | 6 | 44 | 189 | 16.00 | 5 | 0.5 |
| 91-DU- 3338 | 0.1 | 6.06 | 30 | 190 | 0.3 | 1 | 1.35 | 0.3 | 31 | 150 | 90 | 7.15 | 5 | 0.5 |
| 91-DU- 3338g | 3.5 | 2.10 | 1 | 40 | 0.3 | 1 | 0.04 | 0.5 | 3 | 75 | 130 | 16.00 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|------|-----|------|-----|-------|----|----|----|-----|------|----|---|
| 91-DU- 3279 | 0.97 | 170 | 2.88 | 470 | 18 | 0.58 | 119 | 3040 | 48 | 1 | 23 | 20 | 0.17 | 5 | 5 |
| 91-DU- 3281 | 1.48 | 60 | 2.87 | 570 | 36 | 0.59 | 249 | 2110 | 14 | 1 | 23 | 20 | 0.09 | 5 | 5 |
| 91-DU- 3282 | 1.26 | 230 | 3.31 | 705 | 2 | 0.72 | 73 | 2190 | 74 | 1 | 17 | 22 | 0.13 | 5 | 5 |
| 91-DU- 3283 | 0.77 | 150 | 2.83 | 835 | 2 | 0.69 | 59 | 2510 | 56 | 1 | 15 | 12 | 0.20 | 5 | 5 |
| 91-DU- 3284 | 1.23 | 110 | 2.85 | 410 | 0.5 | 0.37 | 43 | 1050 | 14 | 1 | 11 | 92 | 0.14 | 5 | 5 |
| 91-DU- 3285 | 0.74 | 40 | 2.28 | 270 | 0.5 | 0.31 | 29 | 1840 | 2 | 1 | 7 | 115 | 0.11 | 5 | 5 |
| 91-DU- 3288 | 1.33 | 160 | 2.81 | 390 | 8 | 0.91 | 58 | 5870 | 24 | 1 | 16 | 16 | 0.04 | 5 | 5 |
| 91-DU- 3290 | 0.35 | 150 | 0.91 | 795 | 0.5 | 1.49 | 25 | 10000 | 46 | 1 | 7 | 7 | 0.10 | 5 | 5 |
| 91-DU- 3293 | 1.57 | 160 | 5.61 | 495 | 3 | 0.56 | 88 | 2070 | 32 | 1 | 19 | 10 | 0.16 | 5 | 5 |
| 91-DU- 3295 | 1.15 | 60 | 3.08 | 655 | 23 | 0.51 | 220 | 2220 | 20 | 1 | 19 | 23 | 0.06 | 5 | 5 |
| 91-DU- 3297 | 1.27 | 100 | 4.00 | 445 | 4 | 0.57 | 71 | 2160 | 28 | 1 | 17 | 19 | 0.10 | 5 | 5 |
| 91-DU- 3300 | 1.76 | 60 | 3.36 | 665 | 1 | 0.65 | 99 | 1330 | 12 | 1 | 21 | 14 | 0.18 | 5 | 5 |
| 91-DU- 3301 | 1.66 | 100 | 3.56 | 800 | 3 | 0.77 | 141 | 1900 | 18 | 1 | 19 | 16 | 0.08 | 5 | 5 |
| 91-DU- 3304 | 1.30 | 70 | 2.02 | 605 | 37 | 1.01 | 128 | 10000 | 26 | 1 | 13 | 16 | 0.04 | 5 | 5 |
| 91-DU- 3307 | 2.18 | 60 | 3.31 | 725 | 6 | 0.60 | 127 | 1890 | 30 | 1 | 26 | 16 | 0.31 | 5 | 5 |
| 91-DU- 3309 | 1.48 | 140 | 3.07 | 700 | 2 | 0.64 | 90 | 2140 | 32 | 1 | 22 | 12 | 0.27 | 5 | 5 |
| 91-DU- 3311 | 0.64 | 140 | 1.50 | 680 | 2 | 1.80 | 56 | 10000 | 16 | 1 | 8 | 14 | 0.08 | 5 | 5 |
| 91-DU- 3312 | 2.03 | 390 | 3.45 | 895 | 0.5 | 0.80 | 73 | 3350 | 44 | 1 | 28 | 24 | 0.06 | 5 | 5 |
| 91-DU- 3315 | 1.94 | 180 | 3.42 | 790 | 3 | 0.56 | 112 | 1720 | 16 | 1 | 25 | 19 | 0.10 | 5 | 5 |
| 91-DU- 3317 | 1.24 | 150 | 2.49 | 870 | 1 | 1.05 | 52 | 4560 | 26 | 1 | 13 | 14 | 0.06 | 5 | 5 |
| 91-DU- 3320 | 0.94 | 80 | 2.45 | 550 | 50 | 0.43 | 107 | 3770 | 36 | 1 | 20 | 18 | 0.13 | 5 | 5 |
| 91-DU- 3321 | 1.49 | 140 | 2.22 | 565 | 42 | 0.62 | 98 | 6060 | 58 | 1 | 21 | 87 | 0.04 | 5 | 5 |
| 91-DU- 3323 | 1.71 | 300 | 2.69 | 755 | 28 | 0.58 | 116 | 3300 | 50 | 1 | 22 | 47 | 0.08 | 5 | 5 |
| 91-DU- 3324 | 0.92 | 70 | 2.00 | 470 | 23 | 0.62 | 86 | 5070 | 32 | 1 | 19 | 22 | 0.11 | 5 | 5 |
| 91-DU- 3324g | 0.23 | 5 | 0.70 | 160 | 127 | 0.34 | 6 | 6580 | 1 | 2 | 13 | 1 | 0.05 | 5 | 5 |
| 91-DU- 3327 | 1.42 | 60 | 2.39 | 675 | 3 | 0.58 | 92 | 2860 | 36 | 1 | 19 | 13 | 0.24 | 5 | 5 |
| 91-DU- 3330 | 2.40 | 30 | 2.75 | 835 | 5 | 0.45 | 124 | 2500 | 42 | 1 | 24 | 15 | 0.35 | 5 | 5 |
| 91-DU- 3331 | 1.50 | 40 | 2.90 | 1205 | 21 | 0.53 | 570 | 3050 | 52 | 1 | 23 | 85 | 0.12 | 5 | 5 |
| 91-DU- 3331g | 1.27 | 5 | 1.52 | 295 | 27 | 0.49 | 6 | 2490 | 22 | 1 | 20 | 4 | 0.07 | 5 | 5 |
| 91-DU- 3334 | 1.30 | 70 | 2.87 | 660 | 19 | 0.49 | 219 | 2760 | 40 | 1 | 22 | 19 | 0.11 | 5 | 5 |
| 91-DU- 3335 | 1.87 | 110 | 3.89 | 645 | 15 | 0.52 | 176 | 2650 | 24 | 1 | 25 | 12 | 0.18 | 5 | 5 |
| 91-DU- 3337 | 1.89 | 60 | 3.07 | 620 | 2 | 0.50 | 115 | 2670 | 14 | 1 | 21 | 13 | 0.17 | 5 | 5 |
| 91-DU- 3337g | 0.70 | 5 | 0.16 | 85 | 52 | 0.41 | 6 | 8360 | 48 | 1 | 4 | 18 | 0.02 | 5 | 5 |
| 91-DU- 3338 | 2.22 | 60 | 3.36 | 660 | 2 | 0.47 | 92 | 2040 | 20 | 1 | 22 | 16 | 0.34 | 5 | 5 |
| 91-DU- 3338g | 0.74 | 5 | 0.39 | 50 | 82 | 0.35 | 0.5 | 3250 | 6 | 2 | 12 | 2 | 0.06 | 5 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-----|----|------|
| 91-DU- 3279 | 219 | 5 | 316 |
| 91-DU- 3281 | 333 | 5 | 530 |
| 91-DU- 3282 | 179 | 5 | 220 |
| 91-DU- 3283 | 177 | 5 | 270 |
| 91-DU- 3284 | 88 | 5 | 142 |
| 91-DU- 3285 | 54 | 5 | 70 |
| 91-DU- 3288 | 152 | 5 | 170 |
| 91-DU- 3290 | 70 | 5 | 96 |
| 91-DU- 3293 | 151 | 5 | 200 |
| 91-DU- 3295 | 222 | 5 | 696 |
| 91-DU- 3297 | 164 | 5 | 206 |
| 91-DU- 3300 | 196 | 5 | 216 |
| 91-DU- 3301 | 196 | 5 | 196 |
| 91-DU- 3304 | 163 | 5 | 136 |
| 91-DU- 3307 | 196 | 5 | 246 |
| 91-DU- 3309 | 178 | 5 | 316 |
| 91-DU- 3311 | 54 | 5 | 108 |
| 91-DU- 3312 | 199 | 5 | 182 |
| 91-DU- 3315 | 201 | 5 | 262 |
| 91-DU- 3317 | 127 | 5 | 172 |
| 91-DU- 3320 | 278 | 5 | 548 |
| 91-DU- 3321 | 230 | 5 | 494 |
| 91-DU- 3323 | 219 | 5 | 506 |
| 91-DU- 3324 | 186 | 10 | 368 |
| 91-DU- 3324g | 520 | 5 | 246 |
| 91-DU- 3327 | 149 | 5 | 198 |
| 91-DU- 3330 | 182 | 5 | 264 |
| 91-DU- 3331 | 194 | 20 | 1958 |
| 91-DU- 3331g | 275 | 5 | 86 |
| 91-DU- 3334 | 199 | 10 | 380 |
| 91-DU- 3335 | 214 | 20 | 224 |
| 91-DU- 3337 | 149 | 10 | 230 |
| 91-DU- 3337g | 164 | 5 | 48 |
| 91-DU- 3338 | 148 | 10 | 150 |
| 91-DU- 3338g | 300 | 5 | 36 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|--------------|-----|------|-----|------|-----|----|-------|-----|----|-----|-----|-------|----|-----|
| 91-DU- 3341 | 0.1 | 4.49 | 4 | 230 | 0.3 | 1 | 2.32 | 0.3 | 23 | 95 | 77 | 6.08 | 5 | 0.5 |
| 91-DU- 3342 | 0.2 | 5.12 | 2 | 200 | 0.3 | 2 | 3.09 | 0.3 | 24 | 109 | 95 | 6.96 | 5 | 0.5 |
| 91-DU- 3344 | 0.9 | 3.19 | 8 | 90 | 0.3 | 1 | 2.54 | 0.3 | 17 | 85 | 41 | 4.39 | 5 | 0.5 |
| 91-DU- 3345 | 0.1 | 4.60 | 26 | 200 | 0.3 | 1 | 6.05 | 0.3 | 23 | 118 | 84 | 5.98 | 5 | 0.5 |
| 91-DU- 3346 | 0.1 | 3.43 | 18 | 140 | 0.3 | 2 | 10.30 | 0.3 | 18 | 91 | 47 | 4.02 | 5 | 0.5 |
| 91-DU- 3347g | 4.4 | 1.18 | 50 | 100 | 0.3 | 1 | 0.08 | 1.0 | 5 | 92 | 163 | 16.00 | 5 | 0.5 |
| 91-DU- 3348g | 8.5 | 0.21 | 4 | 20 | 0.3 | 1 | 0.06 | 1.5 | 1 | 30 | 237 | 16.00 | 5 | 0.5 |
| 91-DU- 3349g | 4.7 | 1.35 | 2 | 30 | 0.3 | 1 | 0.06 | 0.5 | 3 | 111 | 129 | 16.00 | 5 | 0.5 |
| 91-DU- 3350g | 4.6 | 1.56 | 6 | 40 | 0.3 | 1 | 0.08 | 1.0 | 4 | 111 | 154 | 16.00 | 5 | 0.5 |
| 91-DU- 3355g | 1.4 | 5.02 | 64 | 70 | 0.3 | 1 | 0.07 | 0.3 | 15 | 134 | 226 | 16.00 | 5 | 0.5 |
| 91-DU- 3356 | 0.1 | 8.10 | 86 | 100 | 0.3 | 1 | 0.38 | 0.3 | 42 | 164 | 145 | 8.60 | 5 | 0.5 |
| 91-DU- 3357 | 0.2 | 5.75 | 74 | 150 | 0.3 | 1 | 0.54 | 0.3 | 42 | 150 | 183 | 10.99 | 5 | 0.5 |
| 91-DU- 3359 | 0.2 | 6.29 | 1 | 230 | 0.3 | 1 | 0.18 | 0.3 | 38 | 166 | 161 | 9.24 | 5 | 0.5 |
| 91-DU- 3362 | 0.3 | 6.58 | 20 | 250 | 0.3 | 1 | 0.30 | 0.3 | 41 | 173 | 147 | 10.30 | 5 | 0.5 |
| 91-DU- 3364 | 0.6 | 6.44 | 8 | 1170 | 0.3 | 4 | 0.99 | 0.3 | 59 | 104 | 163 | 10.79 | 5 | 0.5 |
| 91-DU- 3366 | 0.1 | 3.47 | 2 | 170 | 0.3 | 1 | 0.28 | 0.3 | 28 | 68 | 95 | 5.14 | 5 | 0.5 |
| 91-DU- 3370 | 0.1 | 6.19 | 1 | 350 | 0.3 | 1 | 0.29 | 0.3 | 36 | 136 | 204 | 10.15 | 5 | 0.5 |
| 91-DU- 3373 | 0.1 | 4.34 | 8 | 210 | 0.3 | 2 | 0.40 | 0.3 | 21 | 96 | 114 | 6.35 | 5 | 0.5 |
| 91-DU- 3375 | 0.1 | 2.33 | 6 | 60 | 0.3 | 1 | 0.18 | 0.3 | 19 | 104 | 66 | 7.51 | 5 | 0.5 |
| 91-DU- 3376 | 0.1 | 5.00 | 1 | 420 | 0.3 | 1 | 0.74 | 0.3 | 31 | 108 | 141 | 8.38 | 5 | 0.5 |
| 91-DU- 3379 | 0.5 | 4.76 | 12 | 340 | 0.3 | 1 | 2.77 | 0.3 | 73 | 133 | 411 | 12.65 | 5 | 0.5 |
| 91-DU- 3382 | 0.4 | 5.25 | 2 | 320 | 0.3 | 1 | 0.66 | 1.5 | 37 | 113 | 215 | 11.96 | 5 | 0.5 |
| 91-DU- 3383 | 0.5 | 5.71 | 38 | 220 | 0.3 | 1 | 1.20 | 0.3 | 47 | 158 | 187 | 12.70 | 5 | 0.5 |
| 91-DU- 3383g | 2.8 | 3.57 | 12 | 230 | 0.3 | 1 | 0.06 | 0.3 | 8 | 91 | 231 | 16.00 | 5 | 0.5 |
| 91-DU- 3384 | 0.4 | 6.70 | 40 | 220 | 0.3 | 2 | 1.26 | 0.3 | 36 | 144 | 126 | 8.09 | 5 | 0.5 |
| 91-DU- 3385 | 0.3 | 6.24 | 32 | 230 | 0.3 | 1 | 0.15 | 0.3 | 31 | 165 | 168 | 8.70 | 5 | 0.5 |
| 91-DU- 3387g | 1.7 | 5.57 | 18 | 100 | 0.3 | 1 | 0.06 | 0.3 | 7 | 142 | 180 | 16.00 | 5 | 0.5 |
| 91-DU- 3389 | 0.7 | 6.40 | 54 | 140 | 0.3 | 1 | 0.33 | 0.3 | 42 | 152 | 222 | 11.10 | 5 | 6 |
| 91-DU- 3392 | 0.5 | 6.64 | 18 | 320 | 0.3 | 1 | 0.44 | 0.3 | 45 | 272 | 350 | 10.74 | 5 | 0.5 |
| 91-DU- 3394 | 0.2 | 5.79 | 1 | 150 | 0.3 | 1 | 0.80 | 0.3 | 35 | 150 | 168 | 8.67 | 5 | 4 |
| 91-DU- 3398 | 0.1 | 5.77 | 10 | 350 | 0.3 | 4 | 0.56 | 0.3 | 39 | 142 | 136 | 9.45 | 5 | 0.5 |
| 91-DU- 3401 | 0.1 | 6.74 | 12 | 230 | 0.3 | 1 | 0.42 | 0.3 | 32 | 172 | 139 | 8.63 | 5 | 0.5 |
| 91-DU- 3403 | 0.1 | 6.52 | 1 | 220 | 0.3 | 4 | 0.47 | 0.3 | 32 | 153 | 140 | 8.99 | 5 | 4 |
| 91-DU- 3404 | 0.2 | 7.08 | 44 | 210 | 0.3 | 2 | 0.37 | 0.3 | 34 | 171 | 131 | 8.56 | 5 | 0.5 |
| 91-DU- 3407 | 0.2 | 5.84 | 114 | 180 | 0.3 | 1 | 0.66 | 0.3 | 37 | 147 | 176 | 10.40 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|------|-----|------|-----|-------|----|----|----|----|------|----|---|
| 91-DU- 3341 | 1.62 | 80 | 2.48 | 450 | 1 | 0.56 | 63 | 1920 | 16 | 1 | 15 | 27 | 0.31 | 5 | 5 |
| 91-DU- 3342 | 1.29 | 120 | 2.78 | 560 | 1 | 0.63 | 73 | 4110 | 26 | 1 | 17 | 33 | 0.19 | 5 | 5 |
| 91-DU- 3344 | 0.82 | 90 | 2.59 | 805 | 2 | 0.86 | 47 | 7440 | 30 | 1 | 9 | 40 | 0.04 | 5 | 5 |
| 91-DU- 3345 | 1.63 | 120 | 3.35 | 470 | 1 | 0.52 | 77 | 1830 | 26 | 1 | 17 | 58 | 0.30 | 5 | 5 |
| 91-DU- 3346 | 1.34 | 40 | 2.81 | 350 | 0.5 | 0.33 | 55 | 1680 | 4 | 4 | 11 | 81 | 0.24 | 5 | 5 |
| 91-DU- 3347g | 1.14 | 10 | 0.52 | 220 | 71 | 0.32 | 1 | 5260 | 18 | 1 | 10 | 11 | 0.02 | 5 | 5 |
| 91-DU- 3348g | 0.71 | 5 | 0.06 | 10 | 72 | 1.39 | 3 | 10000 | 1 | 2 | 4 | 39 | 0.02 | 5 | 5 |
| 91-DU- 3349g | 3.82 | 5 | 0.95 | 90 | 39 | 0.34 | 0.5 | 1540 | 1 | 6 | 25 | 4 | 0.20 | 5 | 5 |
| 91-DU- 3350g | 2.38 | 5 | 0.77 | 55 | 47 | 0.31 | 0.5 | 3500 | 1 | 1 | 18 | 5 | 0.03 | 5 | 5 |
| 91-DU- 3355g | 0.67 | 20 | 1.88 | 305 | 51 | 0.36 | 130 | 7690 | 94 | 1 | 18 | 15 | 0.03 | 5 | 5 |
| 91-DU- 3356 | 1.84 | 40 | 4.46 | 490 | 20 | 0.78 | 152 | 2760 | 30 | 1 | 25 | 8 | 0.14 | 5 | 5 |
| 91-DU- 3357 | 1.68 | 70 | 3.15 | 680 | 20 | 0.54 | 230 | 2590 | 40 | 1 | 22 | 18 | 0.18 | 5 | 5 |
| 91-DU- 3359 | 2.06 | 40 | 2.27 | 800 | 8 | 0.54 | 100 | 2950 | 30 | 1 | 22 | 32 | 0.13 | 5 | 5 |
| 91-DU- 3362 | 1.78 | 90 | 3.10 | 995 | 8 | 0.62 | 128 | 2590 | 44 | 1 | 24 | 18 | 0.20 | 5 | 5 |
| 91-DU- 3364 | 1.60 | 120 | 2.14 | 450 | 1 | 0.31 | 69 | 4540 | 14 | 1 | 18 | 74 | 0.23 | 5 | 5 |
| 91-DU- 3366 | 0.61 | 100 | 1.52 | 565 | 3 | 1.44 | 46 | 10000 | 30 | 1 | 8 | 11 | 0.14 | 5 | 5 |
| 91-DU- 3370 | 1.58 | 90 | 2.66 | 780 | 17 | 0.47 | 124 | 2120 | 26 | 1 | 24 | 19 | 0.29 | 5 | 5 |
| 91-DU- 3373 | 1.01 | 110 | 2.23 | 400 | 3 | 0.48 | 118 | 2680 | 24 | 1 | 16 | 10 | 0.24 | 5 | 5 |
| 91-DU- 3375 | 0.43 | 30 | 1.41 | 450 | 4 | 1.25 | 38 | 8590 | 20 | 1 | 7 | 8 | 0.15 | 5 | 5 |
| 91-DU- 3376 | 1.69 | 210 | 3.45 | 665 | 3 | 0.56 | 95 | 1790 | 26 | 1 | 20 | 23 | 0.27 | 5 | 5 |
| 91-DU- 3379 | 1.56 | 110 | 3.54 | 745 | 12 | 0.82 | 258 | 2260 | 44 | 1 | 20 | 58 | 0.12 | 5 | 5 |
| 91-DU- 3382 | 1.23 | 100 | 2.31 | 630 | 17 | 0.56 | 157 | 2020 | 22 | 4 | 17 | 20 | 0.19 | 5 | 5 |
| 91-DU- 3383 | 1.14 | 110 | 3.01 | 690 | 10 | 0.48 | 162 | 2700 | 20 | 1 | 27 | 32 | 0.11 | 5 | 5 |
| 91-DU- 3383g | 1.24 | 5 | 0.69 | 100 | 24 | 0.26 | 13 | 2460 | 16 | 2 | 26 | 12 | 0.12 | 5 | 5 |
| 91-DU- 3384 | 0.45 | 110 | 2.05 | 1865 | 3 | 0.78 | 108 | 6570 | 46 | 1 | 14 | 27 | 0.24 | 5 | 5 |
| 91-DU- 3385 | 1.38 | 40 | 2.63 | 380 | 6 | 0.34 | 105 | 1730 | 36 | 1 | 20 | 10 | 0.30 | 5 | 5 |
| 91-DU- 3387g | 0.59 | 5 | 0.93 | 90 | 49 | 0.31 | 15 | 4450 | 4 | 1 | 21 | 2 | 0.06 | 5 | 5 |
| 91-DU- 3389 | 1.24 | 40 | 2.79 | 705 | 30 | 0.61 | 235 | 3070 | 46 | 1 | 26 | 13 | 0.26 | 5 | 5 |
| 91-DU- 3392 | 2.17 | 110 | 3.56 | 935 | 5 | 0.71 | 117 | 2230 | 38 | 1 | 23 | 13 | 0.28 | 5 | 5 |
| 91-DU- 3394 | 1.59 | 140 | 3.41 | 900 | 3 | 0.66 | 70 | 1490 | 30 | 1 | 20 | 26 | 0.27 | 5 | 5 |
| 91-DU- 3398 | 1.56 | 100 | 3.21 | 995 | 4 | 0.55 | 121 | 2400 | 80 | 1 | 23 | 12 | 0.21 | 5 | 5 |
| 91-DU- 3401 | 2.55 | 40 | 3.58 | 640 | 3 | 0.53 | 126 | 1820 | 60 | 1 | 24 | 18 | 0.38 | 5 | 5 |
| 91-DU- 3403 | 2.22 | 60 | 2.82 | 615 | 4 | 0.63 | 117 | 2560 | 32 | 1 | 24 | 20 | 0.26 | 5 | 5 |
| 91-DU- 3404 | 2.42 | 60 | 3.56 | 620 | 4 | 0.62 | 115 | 2280 | 22 | 1 | 27 | 10 | 0.39 | 5 | 5 |
| 91-DU- 3407 | 1.52 | 80 | 3.08 | 600 | 16 | 0.50 | 200 | 2580 | 42 | 4 | 23 | 21 | 0.24 | 5 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-----|----|-----|
| 91-DU- 3341 | 119 | 20 | 166 |
| 91-DU- 3342 | 144 | 20 | 192 |
| 91-DU- 3344 | 86 | 10 | 122 |
| 91-DU- 3345 | 135 | 30 | 196 |
| 91-DU- 3346 | 93 | 30 | 98 |
| 91-DU- 3347g | 379 | 5 | 64 |
| 91-DU- 3348g | 346 | 5 | 42 |
| 91-DU- 3349g | 347 | 5 | 42 |
| 91-DU- 3350g | 271 | 5 | 40 |
| 91-DU- 3355g | 197 | 5 | 476 |
| 91-DU- 3356 | 211 | 10 | 88 |
| 91-DU- 3357 | 199 | 5 | 422 |
| 91-DU- 3359 | 170 | 5 | 178 |
| 91-DU- 3362 | 201 | 5 | 274 |
| 91-DU- 3364 | 94 | 5 | 184 |
| 91-DU- 3366 | 89 | 5 | 138 |
| 91-DU- 3370 | 218 | 5 | 428 |
| 91-DU- 3373 | 106 | 5 | 166 |
| 91-DU- 3375 | 138 | 5 | 92 |
| 91-DU- 3376 | 161 | 10 | 276 |
| 91-DU- 3379 | 175 | 10 | 530 |
| 91-DU- 3382 | 173 | 5 | 604 |
| 91-DU- 3383 | 188 | 5 | 338 |
| 91-DU- 3383g | 302 | 5 | 64 |
| 91-DU- 3384 | 170 | 10 | 170 |
| 91-DU- 3385 | 185 | 5 | 232 |
| 91-DU- 3387g | 267 | 5 | 108 |
| 91-DU- 3389 | 239 | 5 | 472 |
| 91-DU- 3392 | 225 | 5 | 168 |
| 91-DU- 3394 | 180 | 5 | 162 |
| 91-DU- 3398 | 181 | 5 | 450 |
| 91-DU- 3401 | 164 | 5 | 276 |
| 91-DU- 3403 | 153 | 5 | 254 |
| 91-DU- 3404 | 167 | 5 | 162 |
| 91-DU- 3407 | 190 | 5 | 306 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|--------------|------|------|-----|------|-----|----|------|-----|-----|-----|------|-------|----|-----|
| 91-DU- 3408 | 0.2 | 6.92 | 12 | 180 | 0.3 | 1 | 0.22 | 0.3 | 31 | 171 | 141 | 9.87 | 5 | 0.5 |
| 91-DU- 3409 | 0.2 | 6.02 | 8 | 210 | 0.3 | 1 | 0.34 | 0.3 | 31 | 157 | 135 | 9.28 | 5 | 0.5 |
| 91-DU- 3410 | 0.3 | 6.55 | 8 | 180 | 0.3 | 1 | 0.18 | 0.3 | 35 | 169 | 125 | 9.35 | 5 | 0.5 |
| 91-DU- 3411 | 0.1 | 7.31 | 18 | 170 | 0.3 | 1 | 0.10 | 0.3 | 49 | 167 | 207 | 9.82 | 5 | 0.5 |
| 91-DU- 3413 | 0.2 | 4.85 | 20 | 140 | 0.3 | 1 | 0.35 | 0.5 | 24 | 114 | 124 | 7.68 | 5 | 0.5 |
| 91-DU- 3415 | 1.6 | 3.97 | 16 | 500 | 0.3 | 1 | 0.27 | 0.3 | 261 | 130 | 1626 | 12.54 | 5 | 0.5 |
| 91-DU- 3417 | 0.3 | 4.99 | 8 | 440 | 0.3 | 1 | 0.64 | 0.3 | 38 | 163 | 131 | 7.64 | 5 | 0.5 |
| 91-DU- 3418 | 0.2 | 4.33 | 1 | 310 | 0.3 | 1 | 0.78 | 0.3 | 30 | 133 | 88 | 6.39 | 5 | 3 |
| 91-DU- 3423 | 0.1 | 5.19 | 14 | 500 | 0.3 | 4 | 0.33 | 0.3 | 49 | 204 | 167 | 8.81 | 5 | 0.5 |
| 91-DU- 3425 | 0.5 | 6.56 | 8 | 550 | 0.3 | 1 | 0.47 | 0.3 | 63 | 77 | 239 | 7.89 | 5 | 2 |
| 91-DU- 3427 | 0.2 | 5.92 | 2 | 1030 | 0.3 | 2 | 0.36 | 0.3 | 46 | 167 | 114 | 9.54 | 5 | 0.5 |
| 91-DU- 3429 | 0.1 | 4.23 | 20 | 500 | 0.3 | 1 | 5.71 | 0.3 | 28 | 111 | 120 | 5.97 | 5 | 4 |
| 91-DU- 3430 | 0.1 | 5.17 | 4 | 480 | 0.3 | 1 | 0.35 | 0.3 | 44 | 82 | 118 | 10.39 | 5 | 3 |
| 91-DU- 3431 | 0.5 | 3.43 | 8 | 280 | 0.3 | 1 | 0.21 | 0.3 | 21 | 34 | 54 | 4.59 | 5 | 0.5 |
| 91-DU- 3432 | 0.2 | 6.62 | 2 | 420 | 0.3 | 1 | 0.14 | 0.3 | 29 | 61 | 105 | 9.16 | 5 | 0.5 |
| 91-DU- 3433 | 0.4 | 3.46 | 1 | 160 | 0.3 | 1 | 0.49 | 0.3 | 39 | 64 | 83 | 6.21 | 5 | 4 |
| 91-DU- 3435 | 0.5 | 3.92 | 1 | 240 | 0.3 | 1 | 0.44 | 0.3 | 34 | 133 | 75 | 7.89 | 5 | 0.5 |
| 91-DU- 3436 | 0.4 | 4.03 | 20 | 190 | 0.3 | 2 | 0.45 | 0.3 | 40 | 130 | 111 | 9.33 | 5 | 0.5 |
| 91-DU- 3436g | 1.4 | 4.88 | 6 | 60 | 0.3 | 1 | 0.07 | 0.3 | 11 | 87 | 438 | 16.00 | 5 | 1 |
| 91-DU- 3437 | 0.3 | 2.98 | 1 | 200 | 0.3 | 1 | 0.89 | 0.3 | 37 | 75 | 124 | 5.87 | 5 | 0.5 |
| 91-DU- 3437g | 2.8 | 0.36 | 16 | 140 | 0.3 | 1 | 0.06 | 0.3 | 8 | 218 | 102 | 16.00 | 5 | 0.5 |
| 91-DU- 3438g | 2.8 | 2.88 | 24 | 70 | 0.3 | 1 | 0.08 | 0.3 | 8 | 200 | 196 | 16.00 | 5 | 0.5 |
| 91-DU- 3439g | 1.4 | 0.60 | 190 | 10 | 0.3 | 2 | 0.08 | 0.3 | 13 | 59 | 110 | 16.00 | 5 | 0.5 |
| 91-DU- 3440g | 3.4 | 2.99 | 16 | 100 | 0.3 | 1 | 0.08 | 0.5 | 5 | 137 | 189 | 16.00 | 5 | 0.5 |
| 91-DU- 3441g | 3.4 | 3.13 | 18 | 410 | 0.3 | 1 | 0.16 | 0.5 | 4 | 204 | 212 | 16.00 | 5 | 0.5 |
| 91-DU- 3443g | 3.6 | 4.88 | 18 | 160 | 0.3 | 1 | 0.09 | 0.3 | 11 | 83 | 308 | 16.00 | 5 | 0.5 |
| 91-DU- 3445g | 1.3 | 0.03 | 30 | 10 | 0.3 | 1 | 0.08 | 1.0 | 6 | 17 | 324 | 16.00 | 5 | 0.5 |
| 91-DU- 3446g | 3.3 | 2.80 | 20 | 130 | 0.3 | 1 | 0.07 | 0.5 | 8 | 221 | 128 | 16.00 | 5 | 0.5 |
| 91-DU- 3447g | 20.0 | 0.10 | 16 | 30 | 0.3 | 4 | 0.07 | 0.5 | 2 | 13 | 108 | 16.00 | 5 | 0.5 |
| 91-DU- 3448g | 5.0 | 1.95 | 20 | 70 | 0.3 | 1 | 0.07 | 0.5 | 4 | 128 | 128 | 16.00 | 5 | 0.5 |
| 91-DU- 3449g | 8.6 | 0.65 | 44 | 30 | 0.3 | 1 | 0.07 | 0.3 | 4 | 90 | 144 | 16.00 | 5 | 0.5 |
| 91-DU- 3450 | 1.5 | 2.16 | 6 | 50 | 0.3 | 1 | 0.07 | 0.5 | 9 | 58 | 131 | 16.00 | 5 | 0.5 |
| 91-DU- 3451g | 2.0 | 1.23 | 1 | 5 | 0.3 | 1 | 0.08 | 1.5 | 4 | 54 | 444 | 16.00 | 5 | 0.5 |
| 91-DU- 3452g | 3.5 | 1.85 | 34 | 60 | 0.3 | 1 | 0.06 | 0.3 | 5 | 88 | 43 | 16.00 | 5 | 0.5 |
| 91-DU- 3453g | 5.0 | 0.39 | 32 | 30 | 0.3 | 1 | 0.07 | 1.0 | 3 | 24 | 161 | 16.00 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|------|-----|------|-----|-------|----|----|----|-----|------|----|---|
| 91-DU- 3408 | 2.30 | 40 | 3.19 | 790 | 5 | 0.61 | 114 | 2240 | 30 | 1 | 26 | 12 | 0.40 | 5 | 5 |
| 91-DU- 3409 | 2.13 | 60 | 2.77 | 690 | 4 | 0.44 | 100 | 2140 | 46 | 2 | 24 | 17 | 0.30 | 5 | 5 |
| 91-DU- 3410 | 2.00 | 30 | 2.77 | 610 | 6 | 0.48 | 104 | 2330 | 44 | 1 | 25 | 15 | 0.42 | 5 | 5 |
| 91-DU- 3411 | 1.77 | 20 | 2.42 | 620 | 8 | 0.39 | 144 | 2680 | 30 | 1 | 24 | 13 | 0.34 | 5 | 5 |
| 91-DU- 3413 | 1.27 | 40 | 1.83 | 405 | 11 | 0.42 | 127 | 2160 | 28 | 1 | 19 | 16 | 0.17 | 5 | 5 |
| 91-DU- 3415 | 0.71 | 20 | 2.98 | 4135 | 2 | 1.08 | 231 | 6550 | 32 | 1 | 15 | 12 | 0.09 | 5 | 5 |
| 91-DU- 3417 | 1.03 | 100 | 3.60 | 890 | 0.5 | 0.77 | 129 | 2170 | 24 | 1 | 22 | 23 | 0.18 | 5 | 5 |
| 91-DU- 3418 | 1.14 | 90 | 2.82 | 480 | 0.5 | 0.67 | 90 | 2420 | 6 | 1 | 18 | 31 | 0.31 | 5 | 5 |
| 91-DU- 3423 | 1.06 | 30 | 3.86 | 1220 | 1 | 0.67 | 193 | 2870 | 16 | 1 | 23 | 20 | 0.32 | 5 | 5 |
| 91-DU- 3425 | 0.75 | 70 | 2.77 | 1410 | 0.5 | 0.92 | 124 | 7170 | 14 | 1 | 19 | 27 | 0.03 | 5 | 5 |
| 91-DU- 3427 | 1.64 | 180 | 3.28 | 1015 | 2 | 0.93 | 129 | 3960 | 36 | 2 | 19 | 28 | 0.09 | 5 | 5 |
| 91-DU- 3429 | 1.27 | 80 | 2.95 | 505 | 0.5 | 0.58 | 67 | 2390 | 18 | 2 | 13 | 58 | 0.33 | 5 | 5 |
| 91-DU- 3430 | 1.74 | 350 | 2.95 | 1095 | 2 | 0.77 | 58 | 2150 | 40 | 1 | 20 | 25 | 0.09 | 5 | 5 |
| 91-DU- 3431 | 0.77 | 110 | 1.33 | 660 | 1 | 1.06 | 22 | 6700 | 26 | 1 | 7 | 13 | 0.12 | 5 | 5 |
| 91-DU- 3432 | 1.26 | 180 | 2.46 | 845 | 1 | 0.72 | 38 | 3130 | 32 | 1 | 19 | 17 | 0.34 | 5 | 5 |
| 91-DU- 3433 | 0.57 | 160 | 1.46 | 1530 | 2 | 1.35 | 37 | 10000 | 38 | 1 | 9 | 24 | 0.05 | 5 | 5 |
| 91-DU- 3435 | 0.77 | 130 | 1.80 | 1200 | 3 | 1.50 | 67 | 10000 | 26 | 1 | 11 | 26 | 0.02 | 5 | 5 |
| 91-DU- 3436 | 1.04 | 90 | 2.47 | 645 | 0.5 | 0.56 | 88 | 1660 | 10 | 1 | 17 | 18 | 0.21 | 5 | 5 |
| 91-DU- 3436g | 0.38 | 10 | 0.80 | 160 | 28 | 0.72 | 35 | 6240 | 56 | 4 | 11 | 9 | 0.12 | 5 | 5 |
| 91-DU- 3437 | 0.70 | 160 | 2.02 | 830 | 0.5 | 0.89 | 60 | 5480 | 26 | 1 | 15 | 33 | 0.07 | 5 | 5 |
| 91-DU- 3437g | 4.64 | 5 | 0.36 | 30 | 10 | 0.54 | 0.5 | 2200 | 1 | 4 | 22 | 16 | 0.64 | 5 | 5 |
| 91-DU- 3438g | 1.06 | 10 | 1.51 | 265 | 56 | 0.47 | 5 | 3790 | 42 | 4 | 23 | 3 | 0.03 | 5 | 5 |
| 91-DU- 3439g | 0.37 | 5 | 0.16 | 10 | 3 | 0.35 | 19 | 6720 | 1 | 1 | 8 | 0.5 | 0.01 | 5 | 5 |
| 91-DU- 3440g | 1.39 | 5 | 1.52 | 275 | 119 | 0.50 | 8 | 5880 | 22 | 1 | 23 | 12 | 0.02 | 5 | 5 |
| 91-DU- 3441g | 0.57 | 20 | 0.68 | 75 | 99 | 0.38 | 9 | 3430 | 1 | 1 | 22 | 52 | 0.04 | 5 | 5 |
| 91-DU- 3443g | 0.49 | 20 | 0.84 | 215 | 63 | 0.67 | 31 | 8010 | 54 | 1 | 13 | 8 | 0.07 | 5 | 5 |
| 91-DU- 3445g | 0.10 | 5 | 0.01 | 3 | 0.5 | 0.16 | 0.5 | 8220 | 1 | 4 | 3 | 0.5 | 0.01 | 5 | 5 |
| 91-DU- 3446g | 1.46 | 5 | 1.50 | 315 | 84 | 0.46 | 2 | 3700 | 16 | 1 | 18 | 3 | 0.02 | 5 | 5 |
| 91-DU- 3447g | 2.40 | 5 | 0.01 | 15 | 8 | 0.77 | 2 | 4890 | 16 | 2 | 2 | 31 | 0.04 | 5 | 5 |
| 91-DU- 3448g | 3.30 | 40 | 1.37 | 175 | 43 | 0.63 | 4 | 4090 | 14 | 1 | 20 | 91 | 0.03 | 5 | 5 |
| 91-DU- 3449g | 2.46 | 5 | 0.38 | 105 | 154 | 0.40 | 0.5 | 3700 | 1 | 2 | 14 | 18 | 0.02 | 5 | 5 |
| 91-DU- 3450 | 0.65 | 5 | 0.64 | 165 | 29 | 0.38 | 31 | 5660 | 48 | 2 | 11 | 4 | 0.02 | 5 | 5 |
| 91-DU- 3451g | 0.07 | 5 | 0.16 | 50 | 0.5 | 0.45 | 6 | 7600 | 30 | 1 | 7 | 2 | 0.01 | 5 | 5 |
| 91-DU- 3452g | 2.05 | 5 | 0.72 | 105 | 166 | 0.63 | 0.5 | 4660 | 4 | 6 | 10 | 20 | 0.02 | 5 | 5 |
| 91-DU- 3453g | 1.88 | 5 | 0.12 | 20 | 24 | 0.36 | 2 | 7680 | 12 | 1 | 4 | 7 | 0.01 | 5 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|------|----|-----|
| 91-DU- 3408 | 195 | 5 | 250 |
| 91-DU- 3409 | 171 | 5 | 248 |
| 91-DU- 3410 | 183 | 5 | 204 |
| 91-DU- 3411 | 173 | 5 | 236 |
| 91-DU- 3413 | 162 | 5 | 318 |
| 91-DU- 3415 | 140 | 5 | 248 |
| 91-DU- 3417 | 131 | 5 | 206 |
| 91-DU- 3418 | 119 | 5 | 186 |
| 91-DU- 3423 | 140 | 5 | 226 |
| 91-DU- 3425 | 139 | 5 | 164 |
| 91-DU- 3427 | 182 | 5 | 210 |
| 91-DU- 3429 | 119 | 20 | 156 |
| 91-DU- 3430 | 182 | 5 | 244 |
| 91-DU- 3431 | 73 | 5 | 114 |
| 91-DU- 3432 | 144 | 5 | 206 |
| 91-DU- 3433 | 121 | 5 | 122 |
| 91-DU- 3435 | 130 | 5 | 150 |
| 91-DU- 3436 | 194 | 5 | 182 |
| 91-DU- 3436g | 92 | 5 | 100 |
| 91-DU- 3437 | 109 | 5 | 114 |
| 91-DU- 3437g | 676 | 5 | 4 |
| 91-DU- 3438g | 430 | 5 | 64 |
| 91-DU- 3439g | 93 | 5 | 2 |
| 91-DU- 3440g | 408 | 5 | 68 |
| 91-DU- 3441g | 700 | 5 | 72 |
| 91-DU- 3443g | 175 | 5 | 174 |
| 91-DU- 3445g | 30 | 5 | 6 |
| 91-DU- 3446g | 329 | 5 | 64 |
| 91-DU- 3447g | 49 | 5 | 2 |
| 91-DU- 3448g | 275 | 5 | 96 |
| 91-DU- 3449g | 1096 | 5 | 14 |
| 91-DU- 3450 | 1219 | 5 | 122 |
| 91-DU- 3451g | 37 | 5 | 226 |
| 91-DU- 3452g | 1053 | 5 | 38 |
| 91-DU- 3453g | 518 | 5 | 14 |

4. Analytical results from 1991 samples

| Sample | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg |
|--------------|-----|------|----|-----|-----|----|------|-----|----|-----|-----|-------|----|-----|
| 91-DU- 3454 | 0.4 | 0.04 | 46 | 30 | 0.3 | 1 | 0.07 | 1.0 | 3 | 7 | 177 | 16.00 | 5 | 0.5 |
| 91-DU-3454gp | 0.2 | 0.09 | 24 | 5 | 0.3 | 1 | 0.09 | 0.3 | 16 | 3 | 291 | 16.00 | 5 | 0.5 |
| 91-DU- 3455 | 1.3 | 1.10 | 56 | 30 | 0.3 | 1 | 0.08 | 0.3 | 5 | 41 | 112 | 16.00 | 5 | 0.5 |
| 91-DU- 3456g | 0.4 | 0.67 | 16 | 30 | 0.3 | 1 | 0.08 | 0.3 | 27 | 29 | 94 | 16.00 | 5 | 0.5 |
| 91-DU- 3457g | 4.7 | 1.88 | 18 | 110 | 0.3 | 1 | 0.09 | 1.0 | 3 | 52 | 90 | 16.00 | 5 | 0.5 |
| 91-DU- 3458g | 2.0 | 1.70 | 14 | 130 | 0.3 | 1 | 0.06 | 0.5 | 6 | 122 | 160 | 16.00 | 5 | 0.5 |
| 91-DU- 3459g | 3.2 | 3.80 | 26 | 60 | 0.3 | 1 | 0.04 | 0.5 | 6 | 140 | 89 | 16.00 | 5 | 0.5 |
| 91-DU- 3460 | 0.4 | 1.48 | 4 | 40 | 0.3 | 1 | 2.50 | 0.3 | 8 | 56 | 32 | 2.16 | 5 | 1 |
| 91-DU- 3462 | 0.1 | 3.87 | 16 | 160 | 0.3 | 1 | 1.22 | 0.3 | 20 | 113 | 35 | 5.52 | 5 | 2 |
| 91-DU- 3463 | 0.2 | 3.20 | 8 | 150 | 0.3 | 1 | 3.75 | 0.3 | 17 | 95 | 27 | 4.20 | 5 | 0.5 |
| 91-DU- 3464 | 0.2 | 3.51 | 1 | 130 | 0.3 | 1 | 2.79 | 0.3 | 19 | 112 | 27 | 5.29 | 5 | 0.5 |
| 91-DU- 3465 | 0.3 | 3.48 | 1 | 130 | 0.3 | 2 | 3.76 | 0.3 | 20 | 115 | 35 | 4.90 | 5 | 7 |
| 91-DU- 3466 | 0.2 | 2.28 | 4 | 80 | 0.3 | 1 | 7.25 | 0.3 | 11 | 68 | 18 | 3.08 | 5 | 0.5 |
| 91-DU- 3473 | 0.1 | 3.14 | 6 | 110 | 0.3 | 2 | 4.37 | 0.3 | 20 | 104 | 34 | 3.95 | 5 | 2 |
| 91-DU- 3478 | 0.2 | 3.62 | 1 | 160 | 0.3 | 1 | 3.51 | 0.3 | 23 | 105 | 45 | 4.87 | 5 | 0.5 |
| 91-DU- 3479 | 0.2 | 3.53 | 12 | 160 | 0.3 | 1 | 1.97 | 0.3 | 20 | 101 | 29 | 4.67 | 5 | 0.5 |

4. Analytical results from 1991 samples

| Sample | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | Sb | Sc | Sr | Ti | Tl | U |
|--------------|------|-----|------|-----|-----|------|-----|-------|-----|----|----|-----|------|----|---|
| 91-DU- 3454 | 2.07 | 5 | 0.06 | 10 | 3 | 0.41 | 0.5 | 6430 | 1 | 1 | 3 | 15 | 0.01 | 5 | 5 |
| 91-DU-3454gp | 0.02 | 5 | 0.06 | 15 | 1 | 1.77 | 42 | 10000 | 1 | 2 | 2 | 0.5 | 0.01 | 5 | 5 |
| 91-DU- 3455 | 2.33 | 5 | 0.51 | 105 | 14 | 0.62 | 22 | 9480 | 38 | 1 | 9 | 55 | 0.02 | 5 | 5 |
| 91-DU- 3456g | 2.39 | 5 | 0.21 | 40 | 3 | 0.50 | 17 | 8740 | 28 | 2 | 5 | 18 | 0.01 | 5 | 5 |
| 91-DU- 3457g | 3.30 | 40 | 0.59 | 65 | 132 | 0.50 | 7 | 4050 | 18 | 2 | 13 | 88 | 0.03 | 5 | 5 |
| 91-DU- 3458g | 3.76 | 30 | 1.26 | 130 | 21 | 0.35 | 4 | 3600 | 38 | 4 | 20 | 22 | 0.06 | 5 | 5 |
| 91-DU- 3459g | 0.92 | 10 | 1.09 | 140 | 48 | 0.62 | 16 | 6630 | 238 | 2 | 17 | 7 | 0.06 | 5 | 5 |
| 91-DU- 3460 | 0.28 | 20 | 1.66 | 470 | 2 | 2.08 | 30 | 10000 | 28 | 1 | 2 | 14 | 0.04 | 5 | 5 |
| 91-DU- 3462 | 1.69 | 110 | 3.05 | 650 | 0.5 | 0.45 | 52 | 1430 | 12 | 1 | 15 | 28 | 0.29 | 5 | 5 |
| 91-DU- 3463 | 1.47 | 80 | 4.11 | 525 | 0.5 | 0.53 | 42 | 2010 | 6 | 2 | 11 | 37 | 0.15 | 5 | 5 |
| 91-DU- 3464 | 1.33 | 90 | 3.70 | 535 | 2 | 0.65 | 48 | 2190 | 14 | 1 | 12 | 21 | 0.17 | 5 | 5 |
| 91-DU- 3465 | 1.52 | 90 | 4.38 | 565 | 1 | 0.52 | 50 | 1250 | 20 | 1 | 12 | 26 | 0.14 | 5 | 5 |
| 91-DU- 3466 | 0.75 | 60 | 5.63 | 405 | 1 | 0.37 | 28 | 1540 | 6 | 2 | 7 | 23 | 0.17 | 5 | 5 |
| 91-DU- 3473 | 0.99 | 80 | 4.36 | 475 | 0.5 | 0.63 | 42 | 2280 | 26 | 4 | 11 | 21 | 0.15 | 5 | 5 |
| 91-DU- 3478 | 1.43 | 90 | 3.38 | 595 | 0.5 | 0.58 | 50 | 2290 | 30 | 1 | 12 | 30 | 0.24 | 5 | 5 |
| 91-DU- 3479 | 1.60 | 100 | 3.21 | 590 | 1 | 0.56 | 42 | 1470 | 16 | 1 | 13 | 33 | 0.18 | 5 | 5 |

4. Analytical results from 1991 samples

| Sample | V | W | Zn |
|--------------|-----|----|-----|
| 91-DU- 3454 | 42 | 5 | 1 |
| 91-DU-3454gp | 0.5 | 5 | 1 |
| 91-DU- 3455 | 97 | 5 | 82 |
| 91-DU- 3456g | 67 | 5 | 6 |
| 91-DU- 3457g | 141 | 5 | 4 |
| 91-DU- 3458g | 149 | 5 | 58 |
| 91-DU- 3459g | 234 | 5 | 128 |
| 91-DU- 3460 | 44 | 5 | 72 |
| 91-DU- 3462 | 104 | 5 | 140 |
| 91-DU- 3463 | 86 | 10 | 114 |
| 91-DU- 3464 | 100 | 5 | 130 |
| 91-DU- 3465 | 95 | 10 | 124 |
| 91-DU- 3466 | 60 | 20 | 82 |
| 91-DU- 3473 | 80 | 10 | 132 |
| 91-DU- 3478 | 90 | 5 | 122 |
| 91-DU- 3479 | 95 | 5 | 124 |

5. Descriptive Statistics for 1990 data

| | Mean | Std. Dev. | Std. Error | Count | Minimum | Maximum | Variance | Coef. Var. | Skewness | Kurtosis | Median | Mode |
|----|--------|-----------|------------|-------|---------|---------|----------|------------|----------|----------|--------|--------|
| Li | 63.74 | 28.46 | 1.69 | 283 | 6.00 | 149.00 | 809.91 | .45 | .34 | -.09 | 62.00 | • |
| V | 99.07 | 42.00 | 2.50 | 283 | 25.00 | 444.00 | 1764.31 | .42 | 2.12 | 15.16 | 105.00 | 114.00 |
| Q | 101.71 | 73.81 | 4.39 | 283 | 23.00 | 799.00 | 5448.00 | .73 | 5.51 | 42.79 | 94.00 | • |
| Co | 21.69 | 9.55 | .57 | 283 | 2.00 | 79.00 | 91.19 | .44 | 1.11 | 4.59 | 22.00 | 22.00 |
| Ni | 70.55 | 42.51 | 2.53 | 283 | 3.00 | 334.00 | 1807.37 | .60 | 2.16 | 8.53 | 66.00 | 60.00 |
| Cu | 79.91 | 50.21 | 2.98 | 283 | 4.00 | 532.00 | 2520.75 | .63 | 3.24 | 23.38 | 76.00 | 82.00 |
| Zn | 146.24 | 80.86 | 4.81 | 283 | 17.00 | 530.00 | 6538.25 | .55 | 1.49 | 3.84 | 136.00 | 84.00 |
| Ga | 10.44 | 4.82 | .29 | 283 | 5.00 | 23.00 | 23.19 | .46 | .20 | -1.03 | 11.00 | 5.00 |
| As | 10.38 | 14.60 | .87 | 283 | 2.50 | 207.00 | 213.22 | 1.41 | 9.20 | 115.68 | 8.00 | 2.50 |
| Sr | 31.18 | 33.19 | 1.97 | 283 | 4.00 | 252.00 | 1101.26 | 1.06 | 2.71 | 9.46 | 18.00 | • |
| Y | 19.36 | 7.34 | .44 | 283 | 3.00 | 69.00 | 53.90 | .38 | 2.10 | 10.68 | 18.00 | 18.00 |
| Zr | 6.59 | 6.54 | .39 | 283 | 2.50 | 35.00 | 42.82 | .99 | 1.67 | 2.36 | 2.50 | 2.50 |
| Nb | 3.17 | 1.44 | .09 | 283 | 2.50 | 9.00 | 2.07 | .45 | 2.02 | 3.02 | 2.50 | 2.50 |
| Mo | 3.46 | 9.58 | .57 | 283 | .50 | 117.00 | 91.70 | 2.77 | 8.08 | 78.80 | 2.00 | .50 |
| Ag | .43 | .44 | .03 | 283 | .10 | 3.80 | .19 | 1.02 | 3.46 | 21.44 | .30 | .10 |
| Cd | .10 | .07 | 0.00 | 283 | .10 | 1.20 | 0.00 | .63 | 16.73 | 278.00 | .10 | .10 |
| Sn | 19.93 | 118.82 | 7.06 | 283 | 10.00 | 2000.00 | 14117.92 | 5.96 | 16.45 | 271.46 | 10.00 | 10.00 |
| Sb | 2.67 | 1.16 | .07 | 283 | 2.50 | 15.00 | 1.34 | .43 | 7.80 | 65.91 | 2.50 | 2.50 |
| Te | 7.51 | 3.68 | .22 | 283 | 5.00 | 19.00 | 13.56 | .49 | 1.01 | -.42 | 5.00 | 5.00 |
| Ba | 163.88 | 88.66 | 5.27 | 283 | 7.00 | 809.00 | 7861.46 | .54 | 2.56 | 15.74 | 159.00 | 183.00 |
| La | 94.56 | 63.08 | 3.75 | 283 | .50 | 588.00 | 3978.77 | .67 | 3.62 | 22.03 | 84.00 | 60.00 |
| Ta | 29.69 | 22.02 | 1.31 | 283 | -10.00 | 93.00 | 484.93 | .74 | .41 | -.39 | 29.00 | 2.50 |
| W | 10.00 | 0.00 | 0.00 | 283 | 10.00 | 10.00 | 0.00 | 0.00 | • | • | 10.00 | • |
| Pb | 27.69 | 12.92 | .77 | 283 | 4.00 | 100.00 | 166.81 | .47 | 1.23 | 3.53 | 26.00 | 22.00 |
| Bi | 2.98 | 3.17 | .19 | 283 | 2.50 | 39.00 | 10.05 | 1.06 | 8.16 | 74.38 | 2.50 | 2.50 |
| Tl | .24 | .15 | .01 | 283 | -.01 | 1.44 | .02 | .60 | 1.96 | 14.50 | .25 | .32 |
| Al | 4.14 | 1.62 | .10 | 283 | .43 | 8.32 | 2.63 | .39 | -.12 | -.74 | 4.27 | • |
| Mn | 604.59 | 253.38 | 15.06 | 283 | -1.00 | 2000.00 | 64202.97 | .42 | 1.40 | 5.68 | 600.00 | 600.00 |
| Mg | 3.01 | 1.20 | .07 | 283 | .24 | 9.13 | 1.43 | .40 | .35 | 1.96 | 3.06 | • |
| Ca | 1.54 | 2.40 | .14 | 283 | 0.00 | 10.00 | 5.76 | 1.55 | 2.63 | 6.22 | .53 | .34 |
| Na | .61 | .23 | .01 | 283 | .21 | 2.00 | .05 | .38 | 2.12 | 9.09 | .59 | .60 |
| K | 1.29 | .65 | .04 | 283 | .11 | 4.07 | .42 | .50 | .83 | 1.29 | 1.27 | • |

6. Descriptive Statistics for 1991 data

| | Mean | Std. Dev. | Std. Error | Count | Minimum | Maximum | Variance | Coef. Var. | Skewness | Kurtosis | Median | Mode |
|--------|--------|-----------|------------|-------|---------|---------|-----------|------------|----------|----------|--------|--------|
| Ag ppm | .77 | 1.73 | .11 | 260 | .10 | 20.00 | 2.99 | 2.26 | 6.52 | 60.53 | .20 | .10 |
| Al % | 5.05 | 1.84 | .11 | 260 | .03 | 8.41 | 3.39 | .36 | -.97 | .24 | 5.69 | 6.39 |
| As ppm | 15.59 | 43.83 | 2.72 | 260 | 1.00 | 520.00 | 1920.87 | 2.81 | 7.92 | 77.69 | 2.00 | 1.00 |
| Ba ppm | 207.23 | 138.34 | 8.58 | 260 | 5.00 | 1170.00 | 19138.05 | .67 | 2.54 | 13.27 | 200.00 | 230.00 |
| Be ppm | .49 | 1.01 | .06 | 260 | .30 | 13.00 | 1.01 | 2.07 | 9.61 | 105.35 | .30 | .30 |
| Bi ppm | 1.66 | 2.95 | .18 | 260 | 1.00 | 42.00 | 8.71 | 1.78 | 10.40 | 133.62 | 1.00 | 1.00 |
| Ca % | .79 | 1.61 | .10 | 260 | .01 | 14.09 | 2.60 | 2.05 | 5.15 | 31.00 | .38 | .07 |
| Cd ppm | .46 | .55 | .03 | 258 | .30 | 7.50 | .30 | 1.20 | 9.04 | 106.28 | .30 | .30 |
| Co ppm | 27.55 | 18.80 | 1.17 | 259 | 1.00 | 261.00 | 353.59 | .68 | 7.38 | 90.04 | 28.00 | 31.00 |
| Cr ppm | 136.17 | 50.03 | 3.10 | 260 | 3.00 | 372.00 | 2503.33 | .37 | .19 | 1.64 | 137.00 | 169.00 |
| Cu ppm | 138.70 | 128.09 | 7.94 | 260 | 14.00 | 1626.00 | 16406.59 | .92 | 6.82 | 70.35 | 114.00 | 97.00 |
| Fe % | 9.29 | 3.45 | .21 | 260 | 2.16 | 16.00 | 11.92 | .37 | .74 | -.16 | 8.67 | • |
| Hg ppm | .64 | .73 | .05 | 259 | .50 | 7.00 | .53 | 1.13 | 6.01 | 39.26 | .50 | .50 |
| K % | 1.59 | .77 | .05 | 260 | .02 | 4.64 | .60 | .49 | .43 | .49 | 1.59 | • |
| La ppm | 90.35 | 64.53 | 4.00 | 260 | 5.00 | 390.00 | 4164.55 | .71 | 1.22 | 2.62 | 80.00 | 70.00 |
| Mg % | 2.62 | 1.12 | .07 | 260 | .01 | 5.63 | 1.26 | .43 | -.58 | -.13 | 2.87 | • |
| Mn ppm | 670.75 | 394.70 | 24.53 | 259 | 10.00 | 4135.00 | 155786.35 | .59 | 2.78 | 22.06 | 665.00 | 680.00 |
| Mo ppm | 11.44 | 24.95 | 1.55 | 260 | .50 | 166.00 | 622.41 | 2.18 | 3.68 | 14.99 | 2.00 | 1.00 |
| Ni ppm | 85.92 | 60.71 | 3.76 | 260 | .50 | 570.00 | 3685.41 | .71 | 2.44 | 15.20 | 85.00 | .50 |
| Pb ppm | 37.07 | 23.98 | 1.49 | 260 | 1.00 | 238.00 | 575.13 | .65 | 2.85 | 19.38 | 36.00 | 26.00 |
| Sb ppm | 1.74 | 1.32 | .08 | 260 | 1.00 | 8.00 | 1.73 | .76 | 2.21 | 5.01 | 1.00 | 1.00 |
| Sc ppm | 18.34 | 6.57 | .41 | 260 | 2.00 | 35.00 | 43.19 | .36 | -.54 | -.41 | 20.00 | 22.00 |
| Sr ppm | 20.00 | 16.56 | 1.03 | 260 | .50 | 115.00 | 274.19 | .83 | 2.85 | 9.49 | 16.00 | 12.00 |
| Ti % | .20 | .13 | .01 | 260 | .01 | .73 | .02 | .65 | .64 | .49 | .18 | .24 |
| Tl ppm | 11.29 | 12.52 | .78 | 260 | 5.00 | 80.00 | 156.73 | 1.11 | 2.66 | 7.93 | 5.00 | 5.00 |
| U ppm | 5.52 | 7.76 | .48 | 260 | 5.00 | 130.00 | 60.25 | 1.41 | 15.96 | 253.37 | 5.00 | 5.00 |
| V ppm | 175.98 | 136.91 | 8.49 | 260 | .50 | 1219.00 | 18743.05 | .78 | 4.76 | 27.92 | 153.00 | 164.00 |
| W ppm | 7.00 | 6.04 | .37 | 260 | 5.00 | 50.00 | 36.53 | .86 | 4.98 | 29.27 | 5.00 | 5.00 |
| Zn ppm | 208.17 | 165.44 | 10.26 | 260 | 1.00 | 1958.00 | 27371.33 | .79 | 5.03 | 47.17 | 193.00 | 206.00 |

7. Correlation matrix of elements from 1990 data

| | As | Cd | Co | Cr | Cu | Mn | Mo | Ni | Pb | Sb | Zn |
|----|------|------|------|------|------|------|------|------|------|------|------|
| As | 1.00 | .02 | .19 | .03 | .25 | .12 | -.02 | .27 | .16 | .08 | .41 |
| Cd | .02 | 1.00 | -.10 | -.05 | -.07 | -.10 | 0.00 | -.06 | .08 | -.01 | -.05 |
| Co | .19 | -.10 | 1.00 | .34 | .63 | .78 | -.10 | .63 | .17 | -.03 | .46 |
| Cr | .03 | -.05 | .34 | 1.00 | .33 | .12 | 0.00 | .61 | .15 | .29 | .16 |
| Cu | .25 | -.07 | .63 | .33 | 1.00 | .41 | .26 | .55 | .37 | .19 | .53 |
| Mn | .12 | -.10 | .78 | .12 | .41 | 1.00 | -.20 | .32 | .20 | -.12 | .38 |
| Mo | -.02 | 0.00 | -.10 | 0.00 | .26 | -.20 | 1.00 | .01 | .37 | .26 | .01 |
| Ni | .27 | -.06 | .63 | .61 | .55 | .32 | .01 | 1.00 | .22 | -.08 | .55 |
| Pb | .16 | .08 | .17 | .15 | .37 | .20 | .37 | .22 | 1.00 | .05 | .45 |
| Sb | .08 | -.01 | -.03 | .29 | .19 | -.12 | .26 | -.08 | .05 | 1.00 | -.07 |
| Zn | .41 | -.05 | .46 | .16 | .53 | .38 | .01 | .55 | .45 | -.07 | 1.00 |

283 observations were used in this computation.

8. Correlation matrix of elements from 1991 data

| | As ppm | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Hg ppm | Mn ppm | Mo ppm | Ni ppm | Pb ppm | Sb ppm | W ppm | Zn ppm |
|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|-------|--------|
| As ppm | 1.00 | .05 | .06 | -.12 | .26 | .20 | -.02 | -.17 | .06 | .09 | .16 | .12 | .33 | -.03 |
| Cd ppm | .05 | 1.00 | .02 | -.05 | .14 | .23 | -.06 | -.02 | .17 | .49 | .06 | .03 | .06 | .73 |
| Co ppm | .06 | .02 | 1.00 | .26 | .65 | -.12 | .05 | .76 | -.29 | .56 | .12 | -.11 | -.02 | .30 |
| Cr ppm | -.12 | -.05 | .26 | 1.00 | -.02 | -.12 | -.07 | .31 | -.15 | .44 | .13 | .04 | -.14 | .18 |
| Cu ppm | .26 | .14 | .65 | -.02 | 1.00 | .42 | -.02 | .30 | .11 | .26 | .11 | -.05 | .18 | .17 |
| Fe % | .20 | .23 | -.12 | -.12 | .42 | 1.00 | -.10 | -.36 | .62 | -.10 | .04 | .06 | .06 | .04 |
| Hg ppm | -.02 | -.06 | .05 | -.07 | -.02 | -.10 | 1.00 | .05 | -.04 | .02 | -.07 | -.07 | .02 | 0.00 |
| Mn ppm | -.17 | -.02 | .76 | .31 | .30 | -.36 | .05 | 1.00 | -.38 | .37 | .24 | -.08 | -.10 | .24 |
| Mo ppm | .06 | .17 | -.29 | -.15 | .11 | .62 | -.04 | -.38 | 1.00 | -.21 | -.15 | .06 | .03 | -.06 |
| Ni ppm | .09 | .49 | .56 | .44 | .26 | -.10 | .02 | .37 | -.21 | 1.00 | .14 | -.10 | 0.00 | .80 |
| Pb ppm | .16 | .06 | .12 | .13 | .11 | .04 | -.07 | .24 | -.15 | .14 | 1.00 | .14 | .09 | .21 |
| Sb ppm | .12 | .03 | -.11 | .04 | -.05 | .06 | -.07 | -.08 | .06 | -.10 | .14 | 1.00 | .06 | -.06 |
| W ppm | .33 | .06 | -.02 | -.14 | .18 | .06 | .02 | -.10 | .03 | 0.00 | .09 | .06 | 1.00 | -.01 |
| Zn ppm | -.03 | .73 | .30 | .18 | .17 | .04 | 0.00 | .24 | -.06 | .80 | .21 | -.06 | -.01 | 1.00 |

256 observations were used in this computation.

9. Analytical standards

| SBA standard for 1991 data (Chemex) | | | | | | | | | | | | | | | | |
|---|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|
| | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm |
| min | <0.2 | 2.63 | 5 | 80 | | <2 | 0.07 | <0.5 | 12 | 29 | 61 | 3.07 | | | 0.28 | 30 |
| mean | 0.2 | 3.03 | 19 | 92 | | <2 | 0.08 | 0.4 | 15 | 37 | 69 | 3.45 | | | 0.35 | 34 |
| max | 0.2 | 3.34 | 35 | 100 | | 2 | 0.11 | 0.5 | 18 | 45 | 72 | 3.83 | | | 0.41 | 40 |
| SBA | | | | | | | | | | | | | | | | |
| PH 0298 | <0.2 | 3.15 | 28 | 100 | <0.5 | <2 | 0.09 | <0.5 | 15 | 38 | 73 | 3.68 | <10 | <1 | 0.34 | 30 |
| PH 0302 | <0.2 | 3.44 | 48 | 100 | <1.0 | 8 | 0.08 | <1.0 | 16 | 38 | 76 | 3.88 | <10 | 2 | 0.40 | 40 |
| PH 0311 | <0.2 | 3.00 | 56 | 80 | <1.0 | <4 | 0.08 | <1.0 | 16 | 36 | 74 | 3.80 | <10 | <2 | 0.34 | 20 |
| PH 0306 | <0.2 | 3.39 | 26 | 100 | <0.5 | <2 | 0.09 | <0.5 | 14 | 40 | 75 | 3.75 | <10 | <1 | 0.39 | 30 |
| PH 0313 | <0.2 | 3.09 | 22 | 100 | <0.5 | 4 | 0.08 | <0.5 | 14 | 36 | 71 | 3.67 | <10 | 1 | 0.33 | 30 |
| PH 0319 | <0.2 | 3.35 | 32 | 100 | <0.5 | <2 | 0.09 | <0.5 | 16 | 39 | 76 | 3.82 | <10 | <1 | 0.38 | 40 |
| SBA standard for 1990 data (Bondar-Clegg) | | | | | | | | | | | | | | | | |
| | Ag ppm | Al % | As ppm | Ba ppm | | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | | K % | La ppm |
| min | <0.1 | | 20 | | | | | | 10 | | 62 | 2.7 | | | | |
| mean | <0.1 | | 27 | | | | | | 12 | | 66 | 2.85 | | | | |
| max | 0.1 | | 33 | | | | | | 14 | | 76 | 3 | | | | |
| SBA | | | | | | | | | | | | | | | | |
| PH 01 | <2 | 2.87 | 22 | 83 | | <5 | 0.09 | <2 | 14 | 36 | 67 | 4.22 | <10 | 34 | 0.28 | 31 |
| PH 08 | <2 | 2.97 | 31 | 91 | | <5 | 0.09 | <2 | 16 | 40 | 73 | 4.34 | <10 | 39 | 0.29 | 35 |
| PH 14 | <2 | 2.75 | 29 | 85 | | <5 | 0.08 | <2 | 16 | 38 | 68 | 4.13 | <10 | 36 | 0.28 | 32 |
| PH 20 | <2 | 2.93 | 26 | 90 | | <5 | 0.08 | <2 | 17 | 40 | 73 | 4.37 | <10 | 38 | 0.29 | 34 |

9. Analytical standards

| SBA standard for 1991 data (Chemex) | | | | | | | | | | | | | | | | |
|---|------|--------|--------|-------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|--------|--------|
| | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
| min | 0.69 | 745 | | <0.01 | 28 | 490 | 10 | <5 | | 8 | 0.08 | | 35 | <5 | 86 | |
| mean | 0.77 | 841 | | <0.01 | 34 | 538 | 18 | <5 | | 9 | 0.10 | | 42 | <5 | 97 | |
| max | 0.86 | 924 | | 0.01 | 41 | 630 | 30 | <5 | | 10 | 0.12 | | 49 | 10 | 114 | |
| SBA | | | | | | | | | | | | | | | | |
| PH 0298 | 0.81 | 820 | <1 | 0.01 | 37 | 610 | 12 | <2 | 8 | 9 | 0.10 | <10 | <10 | 48 | <10 | 100 |
| PH 0302 | 0.86 | 860 | <2 | <0.01 | 36 | 620 | 12 | <4 | 8 | 10 | 0.12 | <20 | <20 | 52 | <20 | 108 |
| PH 0311 | 0.82 | 850 | <2 | <0.02 | 34 | 660 | 28 | <4 | 8 | 8 | 0.12 | <20 | <20 | 50 | <20 | 104 |
| PH 0306 | 0.84 | 830 | 1 | 0.01 | 38 | 570 | 24 | <2 | 9 | 11 | 0.10 | <10 | <10 | 50 | <10 | 102 |
| PH 0313 | 0.79 | 795 | 1 | 0.01 | 33 | 610 | 18 | <2 | 8 | 9 | 0.10 | <10 | <10 | 48 | <10 | 98 |
| PH 0319 | 0.83 | 835 | 1 | 0.01 | 35 | 620 | 16 | <2 | 9 | 10 | 0.10 | <10 | <10 | 52 | <10 | 102 |
| SBA standard for 1990 data (Bondar-Clegg) | | | | | | | | | | | | | | | | |
| | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | | Sr ppm | Ti % | | V ppm | W ppm | Zn ppm | |
| min | | 720 | 1 | | 27 | 440 | 18 | | | | | | | <2 | 94 | |
| mean | | 752 | 2 | | 31 | 491 | 21 | | | | | | | <2 | 96 | |
| max | | 780 | 2 | | 34 | 550 | 24 | | | | | | | 6 | 102 | |
| SBA | | | | | | | | | | | | | | | | |
| PH 01 | 0.86 | 800 | <1 | 0.01 | 35 | | 18 | <5 | 12 | 8 | 0.09 | <5 | <10 | 41 | <20 | 96 |
| PH 08 | 0.88 | 900 | 1 | 0.01 | 39 | | 22 | <5 | 13 | 9 | 0.1 | <5 | <10 | 46 | <20 | 104 |
| PH 14 | 0.84 | 800 | <1 | 0.01 | 37 | | 22 | <5 | 13 | 8 | 0.1 | <5 | <10 | 44 | <20 | 100 |
| PH 20 | 0.89 | 900 | <1 | 0.01 | 40 | | 24 | <5 | 13 | 9 | 0.1 | <5 | <10 | 47 | <20 | 104 |

10. Duplicate results from 1990 samples

| DUPLICATES | | | | | | | | | | | | | | | | | |
|---------------------------------|-----|-----|-----|----|-----|-----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|--|
| Duplicate results for 1990 data | | | | | | | | | | | | | | | | | |
| Sample ID | | | | | | | | | | | | | | | | | |
| 90DU-2018 | 46 | 45 | 52 | 10 | 34 | 20 | 71 | 5 | 2.5 | 101 | 17 | 2.5 | 6 | 3 | 0.6 | 0.1 | |
| 90DU-2018 | 44 | 43 | 49 | 10 | 33 | 17 | 66 | 5 | 2.5 | 98 | 13 | 2.5 | 7 | 0.5 | 0.1 | 0.1 | |
| 90DU-2047 | 76 | 123 | 145 | 29 | 96 | 156 | 230 | 13 | 12 | 19 | 22 | 25 | 2.5 | 3 | 0.4 | 0.1 | |
| 90DU-2047 | 75 | 120 | 138 | 27 | 95 | 154 | 223 | 13 | 2.5 | 20 | 19 | 22 | 2.5 | 2 | 0.1 | 0.1 | |
| 90DU-2063 | 59 | 67 | 76 | 17 | 50 | 52 | 114 | 5 | 2.5 | 45 | 17 | 16 | 2.5 | 0.5 | 0.7 | 0.1 | |
| 90DU-2063 | 58 | 67 | 76 | 18 | 49 | 51 | 114 | 5 | 2.5 | 44 | 14 | 15 | 2.5 | 0.5 | 0.1 | 0.1 | |
| 90DU-2089 | 37 | 51 | 51 | 12 | 59 | 35 | 68 | 5 | 11 | 78 | 15 | 2.5 | 6 | 0.5 | 0.9 | 0.1 | |
| 90DU-2089 | 42 | 55 | 55 | 13 | 62 | 37 | 71 | 5 | 6 | 88 | 11 | 2.5 | 6 | 0.5 | 0.1 | 0.1 | |
| 90DU-2106 | 42 | 110 | 102 | 39 | 102 | 150 | 248 | 12 | 10 | 10 | 20 | 2.5 | 5 | 7 | 0.9 | 0.1 | |
| 90DU-2106 | 63 | 135 | 128 | 43 | 122 | 185 | 286 | 12 | 9 | 13 | 23 | 2.5 | 2.5 | 8 | 0.1 | 0.1 | |
| 90DU-2155 | 31 | 36 | 35 | 7 | 25 | 19 | 47 | 5 | 2.5 | 120 | 16 | 2.5 | 5 | 0.5 | 0.8 | 0.1 | |
| 90DU-2155 | 33 | 44 | 41 | 8 | 28 | 20 | 51 | 5 | 2.5 | 126 | 12 | 2.5 | 9 | 1 | 0.1 | 0.1 | |
| 90DU-2199 | 86 | 107 | 101 | 21 | 88 | 74 | 231 | 17 | 12 | 10 | 26 | 18 | 2.5 | 3 | 0.2 | 0.1 | |
| 90DU-2199 | 97 | 123 | 114 | 23 | 100 | 79 | 250 | 17 | 2.5 | 12 | 27 | 18 | 2.5 | 4 | 0.1 | 0.1 | |
| 90DU-2219 | 90 | 120 | 82 | 20 | 75 | 79 | 209 | 15 | 21 | 12 | 19 | 15 | 2.5 | 3 | 0.9 | 0.1 | |
| 90DU-2219 | 93 | 127 | 83 | 24 | 80 | 79 | 214 | 13 | 2.5 | 13 | 17 | 16 | 2.5 | 3 | 0.1 | 0.1 | |
| 90DU-2241 | 112 | 162 | 125 | 18 | 138 | 98 | 416 | 20 | 19 | 11 | 24 | 19 | 2.5 | 3 | 1 | 0.1 | |
| 90DU-2241 | 116 | 175 | 134 | 23 | 150 | 97 | 437 | 19 | 13 | 12 | 23 | 25 | 2.5 | 4 | 0.1 | 0.1 | |
| 90DU-2288 | 40 | 45 | 45 | 9 | 30 | 26 | 69 | 5 | 7 | 119 | 22 | 2.5 | 6 | 0.5 | 0.8 | 0.1 | |
| 90DU-2288 | 44 | 50 | 48 | 11 | 32 | 27 | 74 | 5 | 2.5 | 125 | 13 | 2.5 | 8 | 0.5 | 0.1 | 0.1 | |
| 90DU-2321 | 55 | 77 | 85 | 15 | 50 | 33 | 98 | 5 | 6 | 56 | 18 | 9 | 2.5 | 1 | 0.6 | 0.1 | |
| 90DU-2321 | 60 | 84 | 92 | 17 | 54 | 32 | 105 | 5 | 6 | 59 | 13 | 12 | 2.5 | 2 | 0.1 | 0.1 | |
| 90DU-2425 | 45 | 58 | 59 | 13 | 40 | 29 | 75 | 5 | 2.5 | 87 | 13 | 8 | 7 | 0.5 | 0.1 | 0.1 | |
| 90DU-2425 | 51 | 63 | 63 | 14 | 42 | 32 | 84 | 11 | 2.5 | 96 | 11 | 9 | 2.5 | 0.5 | 0.1 | 0.1 | |
| 90DU-2477 | 67 | 173 | 78 | 29 | 41 | 49 | 202 | 11 | 8 | 15 | 10 | 2.5 | 2.5 | 2 | 0.1 | 0.1 | |
| 90DU-2477 | 67 | 176 | 80 | 31 | 43 | 47 | 204 | 11 | 2.5 | 15 | 10 | 2.5 | 2.5 | 1 | 0.1 | 0.1 | |
| 90DU-2510 | 57 | 109 | 121 | 28 | 77 | 74 | 155 | 5 | 6 | 9 | 16 | 2.5 | 8 | 3 | 0.1 | 0.1 | |
| 90DU-2510 | 56 | 110 | 119 | 29 | 78 | 73 | 157 | 5 | 2.5 | 9 | 16 | 2.5 | 7 | 3 | 0.1 | 0.1 | |
| 90DU-2551 | 64 | 117 | 138 | 26 | 92 | 96 | 150 | 14 | 13 | 17 | 17 | 2.5 | 2.5 | 0.5 | 0.1 | 0.1 | |
| 90DU-2551 | 68 | 127 | 148 | 29 | 99 | 100 | 158 | 15 | 9 | 18 | 17 | 6 | 2.5 | 1 | 0.1 | 0.1 | |
| 90DU-2615 | 37 | 49 | 46 | 11 | 28 | 29 | 79 | 5 | 8 | 110 | 12 | 6 | 7 | 0.5 | 0.1 | 0.1 | |
| 90DU-2615 | 44 | 58 | 52 | 13 | 34 | 32 | 89 | 5 | 2.5 | 123 | 14 | 10 | 8 | 0.5 | 0.1 | 0.1 | |

11. Duplicate results from 1991 samples

| DUPLICATES | | | | | | | | | | | | | | | | |
|---------------------------------|--------|------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|------|--------|
| Duplicate results for 1991 data | | | | | | | | | | | | | | | | |
| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm |
| 91-DU 3017 | 0.1 | 5.15 | 1 | 320 | 0.3 | 1 | 2.00 | 0.5 | 25 | 137 | 126 | 7.68 | 5 | 0.5 | 2.02 | 80 |
| 91-DU 3017 | 0.6 | 5.80 | 1 | 380 | 0.5 | 1 | 2.38 | 0.3 | 40 | 146 | 156 | 9.22 | 5 | 0.5 | 2.30 | 100 |
| 91-DU 3035 | 0.1 | 6.63 | 1 | 170 | 0.5 | 1 | 0.27 | 0.3 | 27 | 184 | 75 | 7.80 | 5 | 0.5 | 2.22 | 70 |
| 91-DU 3035 | 0.4 | 6.63 | 12 | 170 | 0.3 | 1 | 0.29 | 0.3 | 32 | 174 | 88 | 7.93 | 5 | 1 | 2.16 | 70 |
| 91-DU 3056 | 0.1 | 5.98 | 32 | 160 | 0.3 | 1 | 0.36 | 0.3 | 25 | 153 | 96 | 8.09 | 5 | 0.5 | 1.49 | 60 |
| 91-DU 3056 | 0.2 | 5.86 | 48 | 170 | 0.3 | 1 | 0.37 | 0.3 | 30 | 148 | 110 | 8.22 | 5 | 6 | 1.46 | 40 |
| 91-DU 3082 | 0.1 | 6.55 | 28 | 130 | 0.3 | 1 | 0.52 | 0.5 | 22 | 120 | 110 | 7.05 | 5 | 0.5 | 1.02 | 90 |
| 91-DU 3082 | 0.5 | 6.03 | 48 | 130 | 0.3 | 1 | 0.53 | 0.3 | 25 | 115 | 120 | 7.11 | 5 | 0.5 | 0.96 | 80 |
| 91-DU 3104 | 0.1 | 6.07 | 1 | 250 | 0.3 | 1 | 0.66 | 0.3 | 31 | 165 | 142 | 8.69 | 5 | 0.5 | 2.11 | 160 |
| 91-DU 3104 | 0.2 | 5.80 | 1 | 260 | 0.3 | 1 | 0.70 | 0.3 | 36 | 152 | 159 | 8.43 | 5 | 0.5 | 2.03 | 160 |
| 91-DU 3145 | 0.1 | 4.99 | 1 | 200 | 0.3 | 1 | 0.37 | 0.3 | 30 | 146 | 97 | 7.66 | 5 | 0.5 | 1.73 | 90 |
| 91-DU 3145 | 0.1 | 5.24 | 22 | 210 | 0.3 | 1 | 0.39 | 0.3 | 34 | 149 | 116 | 8.19 | 5 | 0.5 | 1.77 | 90 |
| 91-DU 3165 | 0.6 | 6.43 | 1 | 290 | 0.3 | 1 | 0.42 | 0.3 | 32 | 173 | 96 | 9.14 | 5 | 0.5 | 2.21 | 150 |
| 91-DU 3165 | 0.2 | 6.28 | 12 | 300 | 0.3 | 1 | 0.42 | 0.3 | 33 | 165 | 108 | 9.20 | 5 | 1 | 2.10 | 140 |
| 91-DU 3197 | 0.6 | 5.74 | 44 | 260 | 1.0 | 1 | 0.37 | 0.3 | 33 | 141 | 151 | 7.38 | 5 | 0.5 | 2.34 | 50 |
| 91-DU 3197 | 0.3 | 5.68 | 64 | 260 | 0.3 | 1 | 0.38 | 0.3 | 34 | 135 | 160 | 7.52 | 5 | 2 | 2.24 | 50 |
| 91-DU 3221 | 0.6 | 6.39 | 1 | 110 | 0.3 | 1 | 0.29 | 0.3 | 26 | 180 | 69 | 8.32 | 5 | 0.5 | 0.77 | 60 |
| 91-DU 3221 | 0.2 | 6.18 | 1 | 110 | 0.3 | 1 | 0.29 | 0.3 | 29 | 171 | 78 | 8.18 | 5 | 0.5 | 0.75 | 50 |
| 91-DU 3247 | 0.6 | 6.38 | 1 | 350 | 0.5 | 1 | 0.47 | 0.5 | 33 | 163 | 102 | 9.49 | 5 | 0.5 | 2.60 | 150 |
| 91-DU 3247 | 0.2 | 6.45 | 18 | 360 | 0.3 | 1 | 0.48 | 0.3 | 36 | 164 | 119 | 9.62 | 5 | 0.5 | 2.59 | 140 |
| 91-DU 3267 | 0.1 | 3.66 | 1 | 170 | 0.3 | 1 | 0.40 | 0.3 | 26 | 86 | 76 | 6.60 | 5 | 0.5 | 1.48 | 220 |
| 91-DU 3267 | 0.1 | 3.82 | 4 | 180 | 0.3 | 1 | 0.47 | 0.3 | 28 | 93 | 82 | 7.06 | 5 | 0.5 | 1.54 | 240 |
| 91-DU 3284 | 0.2 | 3.30 | 1 | 160 | 0.3 | 1 | 11.57 | 0.3 | 13 | 78 | 56 | 4.19 | 5 | 0.5 | 1.23 | 110 |
| 91-DU 3284 | 0.1 | 3.29 | 1 | 170 | 0.3 | 1 | 12.29 | 0.3 | 16 | 77 | 59 | 4.32 | 5 | 0.5 | 1.23 | 110 |
| 91-DU 3311 | 0.1 | 4.06 | 1 | 120 | 0.5 | 1 | 0.60 | 0.3 | 28 | 102 | 90 | 4.84 | 5 | 0.5 | 0.64 | 140 |
| 91-DU 3311 | 0.1 | 4.11 | 20 | 120 | 0.3 | 1 | 0.60 | 0.3 | 28 | 100 | 95 | 4.85 | 5 | 1 | 0.62 | 140 |
| 91-DU 3331G | 4.0 | 3.15 | 1 | 100 | 0.3 | 1 | 0.06 | 1.0 | 7 | 176 | 123 | >15.00 | 5 | 0.5 | 1.27 | 5 |
| 91-DU 3331G | 3.7 | 3.17 | 18 | 110 | 0.3 | 1 | 0.06 | 0.3 | 6 | 177 | 126 | >15.00 | 5 | 1 | 1.27 | 5 |
| 91-DU 3347G | 4.4 | 1.18 | 50 | 100 | 0.3 | 1 | 0.08 | 1.0 | 5 | 92 | 163 | >15.00 | 5 | 0.5 | 1.14 | 10 |

11. Duplicate results from 1991 samples

| Sample | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | Hg ppm | K % | La ppm |
|-------------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|------|--------|
| 91-DU 3347G | 4.5 | 1.21 | 76 | 110 | 0.3 | 1 | 0.07 | 0.3 | 5 | 99 | 176 | >15.00 | 5 | 2 | 1.21 | 10 |
| 91-DU 3373 | 0.1 | 4.34 | 8 | 210 | 0.3 | 2 | 0.40 | 0.3 | 21 | 96 | 114 | 6.35 | 5 | 0.5 | 1.01 | 110 |
| 91-DU 3373 | 0.3 | 5.04 | 1 | 220 | 0.3 | 1 | 0.42 | 0.3 | 22 | 102 | 116 | 6.56 | 5 | 0.5 | 1.08 | 110 |
| 91-DU 3394 | 0.2 | 5.79 | 1 | 150 | 0.3 | 1 | 0.80 | 0.3 | 35 | 150 | 168 | 8.67 | 5 | 4 | 1.59 | 140 |
| 91-DU 3394 | 0.1 | 5.63 | 4 | 150 | 0.3 | 1 | 0.76 | 0.3 | 37 | 146 | 165 | 8.54 | 5 | 0.5 | 1.55 | 130 |
| 91-DU 3417 | 0.3 | 4.99 | 8 | 440 | 0.3 | 1 | 0.64 | 0.3 | 38 | 163 | 131 | 7.64 | 5 | 0.5 | 1.03 | 100 |
| 91-DU 3417 | 0.4 | 4.98 | 1 | 440 | 0.3 | 1 | 0.64 | 0.3 | 36 | 165 | 131 | 7.72 | 5 | 0.5 | 1.02 | 100 |
| 91-DU 3436G | 1.4 | 4.88 | 6 | 60 | 0.3 | 1 | 0.07 | 0.3 | 11 | 87 | 438 | >15.00 | 5 | 1 | 0.38 | 10 |
| 91-DU 3436G | 1.5 | 4.91 | 18 | 60 | 0.3 | 1 | 0.07 | 0.3 | 14 | 87 | 443 | >15.00 | 5 | 0.5 | 0.37 | 10 |
| 91-DU 3449G | 8.6 | 0.65 | 44 | 30 | 0.3 | 1 | 0.07 | 0.3 | 4 | 90 | 144 | >15.00 | 5 | 0.5 | 2.46 | 5 |
| 91-DU 3449G | 8.1 | 0.64 | 8 | 40 | 0.3 | 1 | 0.07 | 1.5 | 6 | 92 | 144 | >15.00 | 5 | 0.5 | 2.44 | 5 |

11. Duplicate results from 1991 samples

| DUPLICATES | | | | | | | | | | | | | | | | |
|---------------------------------|------|--------|--------|------|--------|--------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| Duplicate results for 1991 data | | | | | | | | | | | | | | | | |
| Sample | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
| 91-DU 3017 | 3.58 | 730 | 0.5 | 0.49 | 100 | 1340 | 42 | 1 | 20 | 24 | 0.30 | 5 | 5 | 141 | 5 | 298 |
| 91-DU 3017 | 4.28 | 870 | 2 | 0.56 | 122 | 2520 | 24 | 1 | 24 | 32 | 0.52 | 5 | 5 | 182 | 5 | 340 |
| 91-DU 3035 | 3.96 | 670 | 1 | 0.62 | 98 | 1900 | 26 | 1 | 24 | 11 | 0.32 | 10 | 5 | 145 | 5 | 152 |
| 91-DU 3035 | 4.14 | 675 | 1 | 0.61 | 98 | 2150 | 22 | 1 | 23 | 12 | 0.35 | 5 | 5 | 157 | 5 | 142 |
| 91-DU 3056 | 2.67 | 580 | 4 | 0.58 | 103 | 2110 | 46 | 4 | 22 | 11 | 0.26 | 10 | 5 | 157 | 5 | 240 |
| 91-DU 3056 | 2.77 | 590 | 3 | 0.59 | 106 | 2760 | 42 | 1 | 22 | 12 | 0.34 | 5 | 5 | 166 | 5 | 230 |
| 91-DU 3082 | 3.72 | 550 | 1 | 0.75 | 104 | 3020 | 38 | 4 | 22 | 13 | 0.15 | 10 | 5 | 119 | 5 | 258 |
| 91-DU 3082 | 3.83 | 545 | 1 | 0.74 | 112 | 3250 | 26 | 1 | 21 | 14 | 0.14 | 5 | 10 | 123 | 5 | 246 |
| 91-DU 3104 | 3.37 | 1015 | 3 | 0.95 | 121 | 3430 | 52 | 4 | 22 | 14 | 0.24 | 30 | 5 | 171 | 10 | 218 |
| 91-DU 3104 | 3.41 | 1035 | 5 | 0.96 | 125 | 3990 | 52 | 1 | 22 | 15 | 0.21 | 5 | 5 | 177 | 5 | 202 |
| 91-DU 3145 | 2.87 | 915 | 3 | 0.85 | 61 | 3210 | 40 | 1 | 15 | 18 | 0.11 | 20 | 5 | 135 | 10 | 168 |
| 91-DU 3145 | 3.12 | 980 | 2 | 0.89 | 67 | 3650 | 38 | 1 | 16 | 20 | 0.12 | 5 | 5 | 150 | 5 | 168 |
| 91-DU 3165 | 3.53 | 695 | 2 | 0.69 | 102 | 1070 | 32 | 2 | 26 | 17 | 0.23 | 30 | 5 | 181 | 10 | 202 |
| 91-DU 3165 | 3.64 | 665 | 2 | 0.68 | 97 | 1470 | 24 | 6 | 25 | 18 | 0.27 | 5 | 5 | 189 | 5 | 186 |
| 91-DU 3197 | 2.94 | 735 | 2 | 0.66 | 101 | 3060 | 26 | 1 | 19 | 10 | 0.10 | 10 | 5 | 131 | 10 | 134 |
| 91-DU 3197 | 3.04 | 710 | 0.5 | 0.65 | 97 | 3280 | 12 | 1 | 18 | 11 | 0.11 | 5 | 5 | 135 | 5 | 122 |
| 91-DU 3221 | 2.17 | 680 | 0.5 | 0.77 | 64 | 2490 | 44 | 2 | 13 | 21 | 0.30 | 5 | 5 | 145 | 5 | 142 |
| 91-DU 3221 | 2.16 | 640 | 1 | 0.76 | 61 | 2250 | 34 | 4 | 12 | 22 | 0.24 | 5 | 5 | 148 | 5 | 128 |
| 91-DU 3247 | 3.89 | 1075 | 0.5 | 0.42 | 97 | 1970 | 88 | 1 | 26 | 9 | 0.47 | 30 | 5 | 173 | 5 | 274 |
| 91-DU 3247 | 4.12 | 1055 | 1 | 0.43 | 98 | 2110 | 66 | 1 | 26 | 10 | 0.47 | 5 | 5 | 184 | 5 | 266 |
| 91-DU 3267 | 2.33 | 895 | 0.5 | 0.59 | 47 | 2850 | 20 | 1 | 13 | 25 | 0.07 | 5 | 5 | 106 | 5 | 154 |
| 91-DU 3267 | 2.49 | 975 | 2 | 0.65 | 53 | 3130 | 30 | 4 | 14 | 28 | 0.06 | 5 | 5 | 110 | 5 | 162 |
| 91-DU 3284 | 2.85 | 410 | 0.5 | 0.37 | 43 | 1050 | 14 | 1 | 11 | 92 | 0.14 | 5 | 5 | 88 | 5 | 142 |
| 91-DU 3284 | 2.86 | 425 | 0.5 | 0.38 | 41 | 1690 | 18 | 2 | 11 | 94 | 0.22 | 5 | 5 | 88 | 20 | 144 |
| 91-DU 3311 | 1.50 | 680 | 2 | 1.80 | 56 | >10000 | 16 | 1 | 8 | 14 | 0.08 | 5 | 5 | 54 | 5 | 108 |
| 91-DU 3311 | 1.48 | 680 | 1 | 1.84 | 54 | >10000 | 20 | 1 | 8 | 15 | 0.09 | 5 | 5 | 91 | 5 | 108 |
| 91-DU 3331G | 1.52 | 295 | 27 | 0.49 | 6 | 2490 | 22 | 1 | 20 | 4 | 0.07 | 5 | 5 | 275 | 5 | 86 |
| 91-DU 3331G | 1.54 | 305 | 30 | 0.50 | 5 | 2690 | 28 | 4 | 20 | 4 | 0.09 | 5 | 5 | 282 | 5 | 86 |
| 91-DU 3347G | 0.52 | 220 | 71 | 0.32 | 1 | 5260 | 18 | 1 | 10 | 11 | 0.02 | 5 | 5 | 379 | 5 | 64 |

11. Duplicate results from 1991 samples

| Sample | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sc ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|-------------|------|--------|--------|------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| 91-DU 3347G | 0.56 | 240 | 77 | 0.34 | 2 | 5590 | 14 | 1 | 11 | 12 | 0.02 | 5 | 5 | 405 | 5 | 66 |
| 91-DU 3373 | 2.23 | 400 | 3 | 0.48 | 118 | 2680 | 24 | 1 | 16 | 10 | 0.24 | 5 | 5 | 106 | 5 | 166 |
| 91-DU 3373 | 2.29 | 410 | 2 | 0.50 | 123 | 2740 | 24 | 1 | 16 | 11 | 0.23 | 5 | 5 | 110 | 5 | 166 |
| 91-DU 3394 | 3.41 | 900 | 3 | 0.66 | 70 | 1490 | 30 | 1 | 20 | 26 | 0.27 | 5 | 5 | 180 | 5 | 162 |
| 91-DU 3394 | 3.35 | 880 | 1 | 0.65 | 67 | 1500 | 38 | 1 | 19 | 26 | 0.28 | 5 | 5 | 176 | 5 | 158 |
| 91-DU 3417 | 3.60 | 890 | 0.5 | 0.77 | 129 | 2170 | 24 | 1 | 22 | 23 | 0.18 | 5 | 5 | 131 | 5 | 206 |
| 91-DU 3417 | 3.63 | 890 | 0.5 | 0.77 | 127 | 2640 | 22 | 2 | 22 | 22 | 0.24 | 5 | 5 | 132 | 5 | 206 |
| 91-DU 3436G | 0.80 | 160 | 28 | 0.72 | 35 | 6240 | 56 | 4 | 11 | 9 | 0.12 | 5 | 5 | 92 | 5 | 100 |
| 91-DU 3436G | 0.81 | 160 | 27 | 0.73 | 35 | 6380 | 76 | 1 | 11 | 9 | 0.13 | 5 | 5 | 92 | 5 | 102 |
| 91-DU 3449G | 0.38 | 105 | 154 | 0.40 | <1 | 3700 | <2 | 2 | 14 | 18 | 0.02 | 5 | 5 | 1096 | 5 | 14 |
| 91-DU 3449G | 0.37 | 105 | 153 | 0.40 | 1 | 3680 | <2 | 4 | 14 | 18 | 0.03 | 5 | 5 | 1092 | 5 | 14 |

Maps and histograms showing distributions of selected trace and minor elements

Till Geochemistry of the South Melville Peninsula, N.W.T.

Ag

1990 Samples — Silver

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.2 ppm

1991 Samples — Silver

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.2 ppm

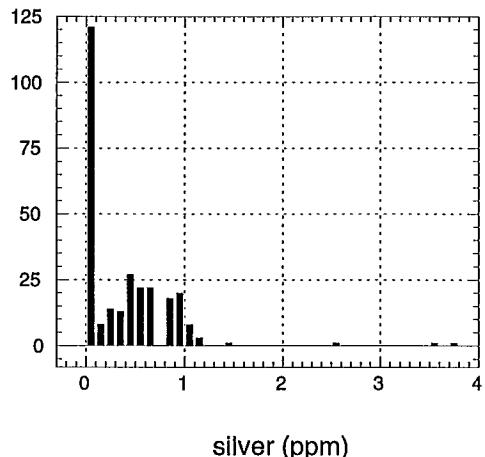
Summary Statistics

no. of observations: 280
mean: 0.4
minimum: 0.1
maximum: 3.8
median: 0.3
mode: 0.1
standard deviation: 0.4

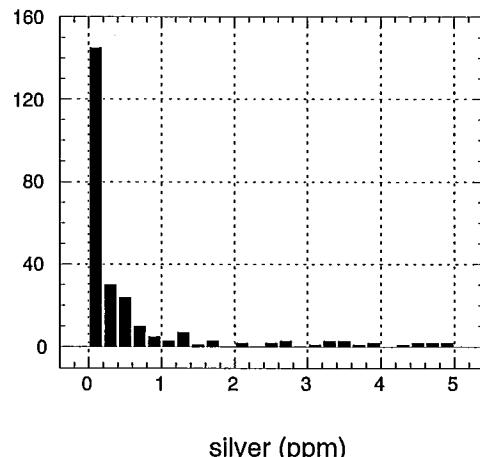
Summary Statistics

no. of observations: 255
mean: 0.8
minimum: 0.1
maximum: 20
median: 0.2
mode: 0.1
standard deviation: 1.7

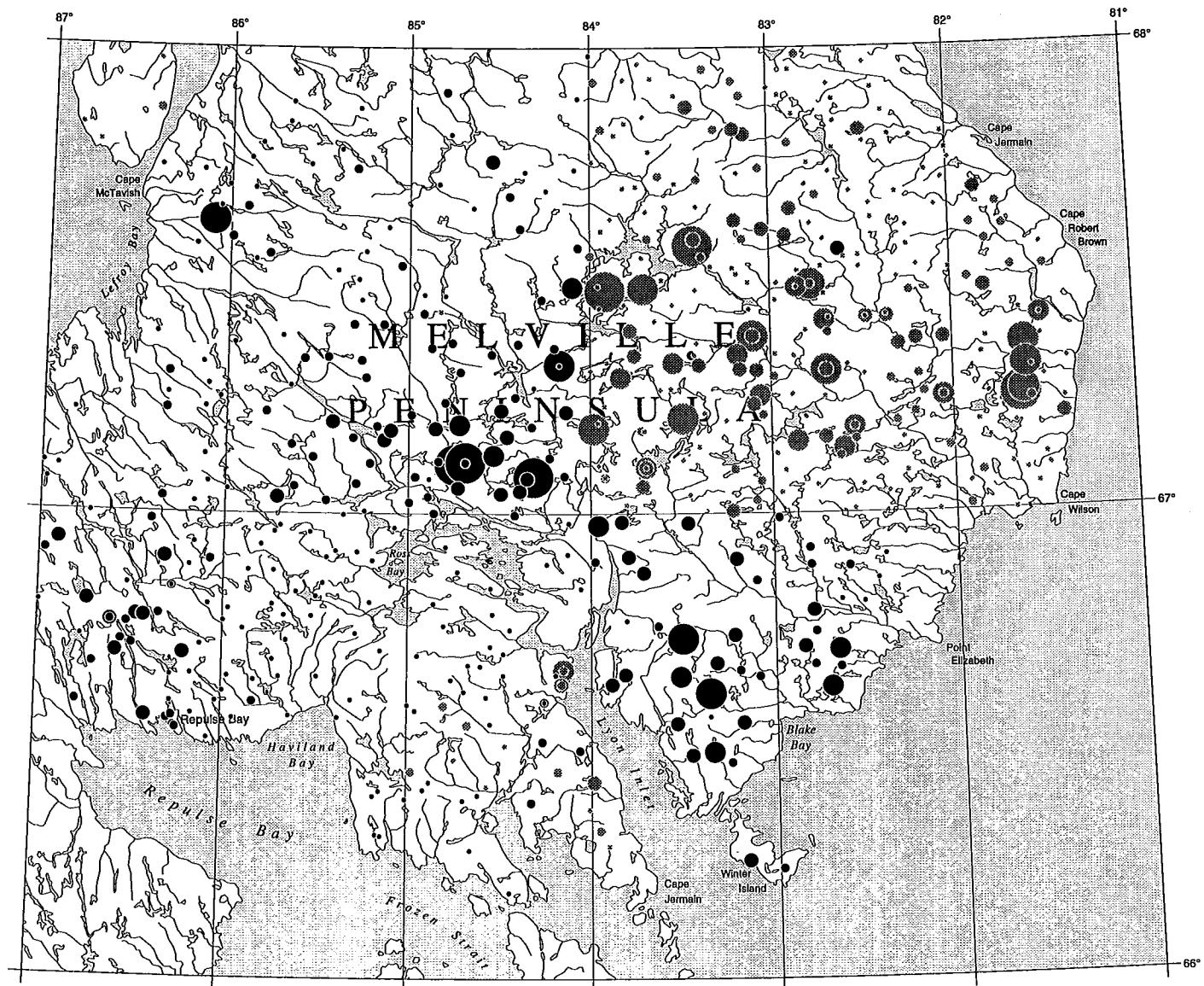
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Ag

1990 Samples
Silver (ppm)

<0.002mm fraction

N = 280



| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 0.1 | 0.3 | 143 | 51.1 |
| 0.3 | 0.7 | 84 | 81.1 |
| 0.7 | 0.9 | 38 | 94.6 |
| 0.9 | 1 | 8 | 97.5 |
| 1 | 2.2 | 4 | 98.9 |
| 2.2 | 3.8 | 3 | 100 |

1991 Samples
Silver (ppm)

<0.002mm fraction

N = 255

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 0.1 | 0.25 | 145 | 56.9 |
| 0.25 | 0.67 | 54 | 78 |
| 0.67 | 2 | 31 | 90.2 |
| 2 | 3.8 | 13 | 95.3 |
| 3.8 | 8.3 | 9 | 98.8 |
| 8.3 | 20 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Al

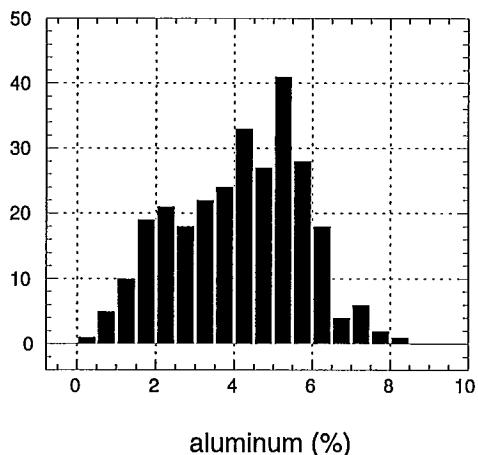
1990 Samples — Aluminum

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

Summary Statistics

no. of observations: 280
mean: 4.14
minimum: 0.43
maximum: 8.32
median: 4.27
mode: 5.25
standard deviation: 1.62

Frequency Histogram



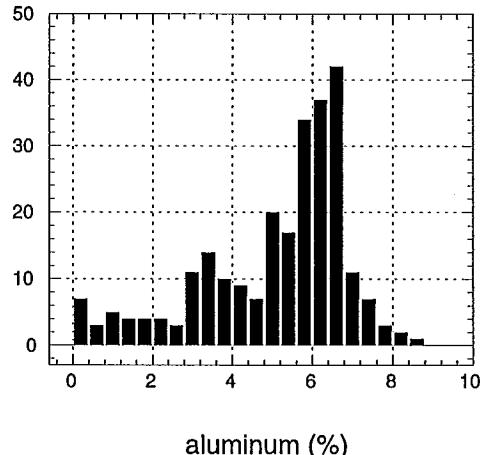
1991 Samples — Aluminum

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

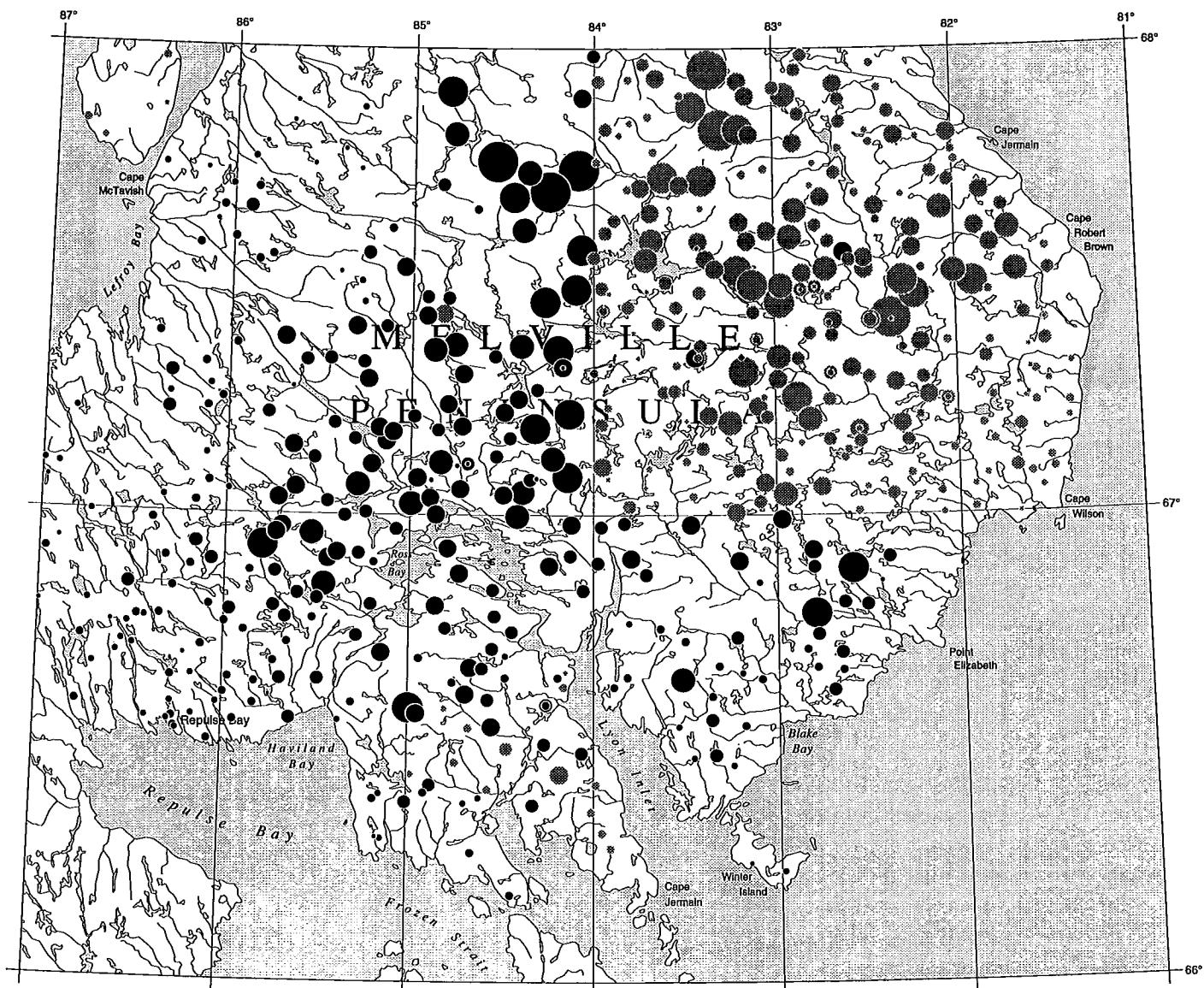
Summary Statistics

no. of observations: 255
mean: 5.05
minimum: 0.03
maximum: 8.41
median: 5.69
mode: 6.39
standard deviation: 1.84

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

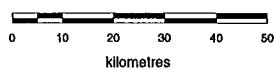


A1

1990 Samples
Aluminum (%)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|--------|------|------|-------|-------|
| . | 0.43 | 1.7 | 24 | 8.6 |
| • | 1.7 | 2.8 | 43 | 23.9 |
| ● | 2.8 | 4.2 | 65 | 47.1 |
| ●● | 4.2 | 5.3 | 72 | 72.9 |
| ●●● | 5.3 | 6 | 45 | 88.9 |
| ●●●● | 6 | 6.4 | 15 | 94.3 |
| ●●●●● | 6.4 | 7.5 | 13 | 98.9 |
| ●●●●●● | 7.5 | 8.32 | 3 | 100 |

1991 Samples
Aluminum (%)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|-------|------|------|-------|-------|
| * | 0.03 | 2.2 | 26 | 10.2 |
| ♦ | 2.2 | 3.6 | 29 | 21.6 |
| ◊ | 3.6 | 5.6 | 63 | 46.3 |
| ● | 5.6 | 6.3 | 61 | 70.2 |
| ●● | 6.3 | 6.7 | 45 | 87.8 |
| ●●● | 6.7 | 7 | 15 | 93.7 |
| ●●●● | 7 | 8 | 13 | 98.8 |
| ●●●●● | 8 | 8.41 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

AS

1990 Samples — Arsenic

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 5 ppm

1991 Samples — Arsenic

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 5 ppm

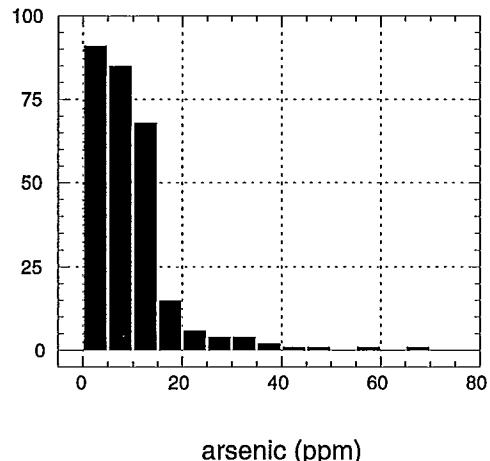
Summary Statistics

no. of observations: 280
mean: 10.4
minimum: 2.5
maximum: 207
median: 8
mode: 2.5
standard deviation: 14.7

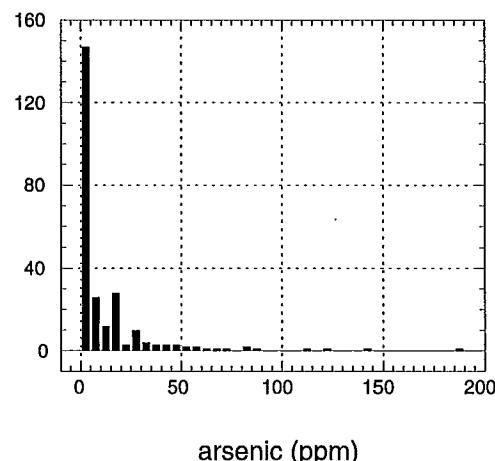
Summary Statistics

no. of observations: 255
mean: 15.5
minimum: 1
maximum: 520
median: 2
mode: 1
standard deviation: 43.8

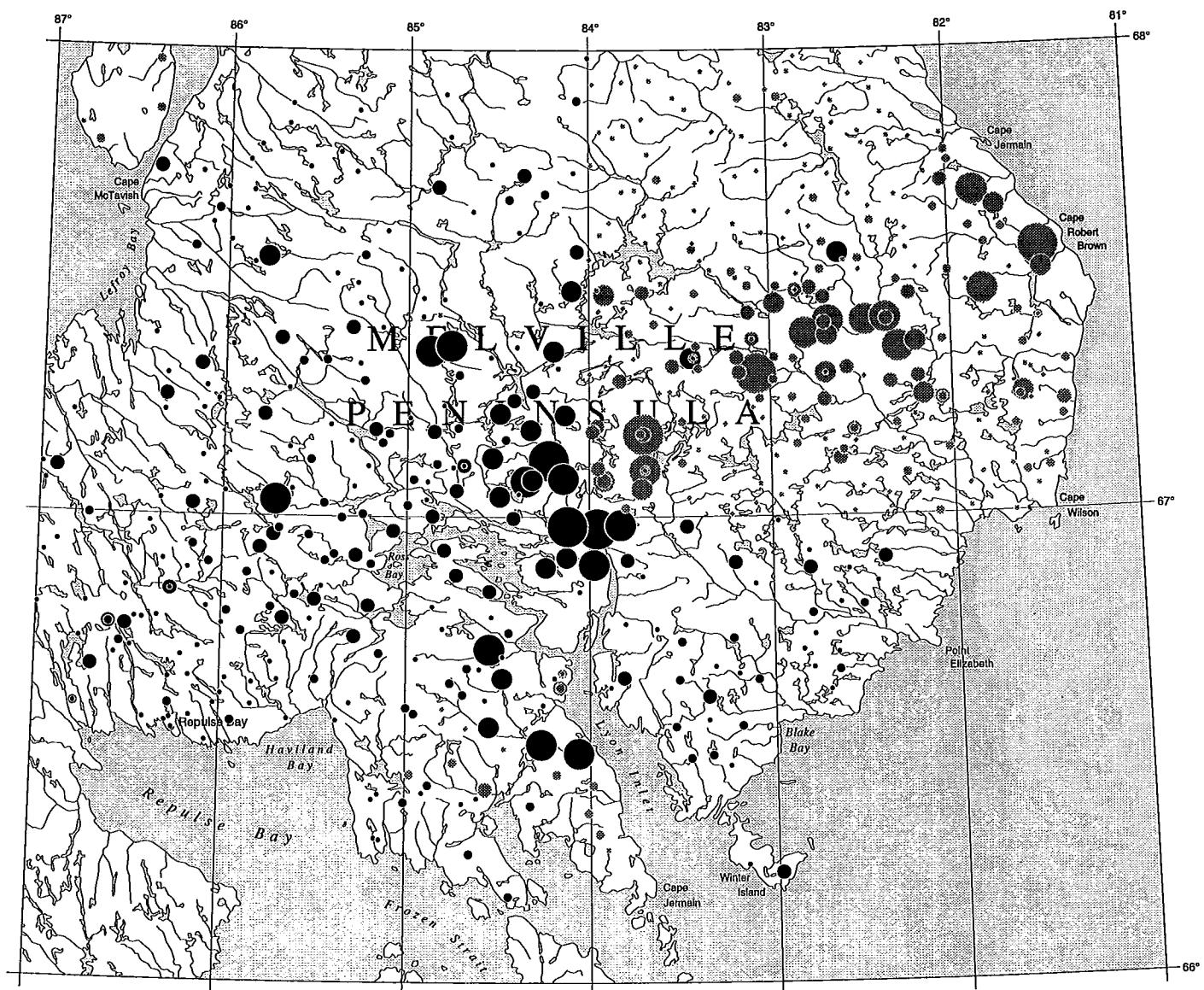
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

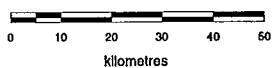


AS

1990 Samples
Arsenic (ppm)

<0.002mm fraction

N = 280



| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 2.5 | 8 | 147 | 52.5 |
| 8 | 12 | 63 | 75 |
| 12 | 18 | 42 | 90 |
| 18 | 28 | 15 | 95.4 |
| 28 | 54 | 10 | 98.9 |
| 54 | 207 | 3 | 100 |

1991 Samples
Arsenic (ppm)

<0.002mm fraction

N = 255

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| * | 1 | 2 | 53.3 |
| * | 2 | 18 | 66 |
| * | 18 | 39 | 91 |
| * | 39 | 60 | 95.3 |
| * | 60 | 173 | 98.8 |
| * | 173 | 520 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Ba

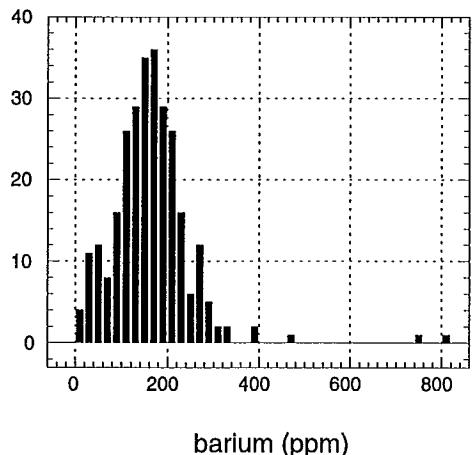
1990 Samples — Barium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 2 ppm

Summary Statistics

no. of observations: 280
mean: 163.8
minimum: 7
maximum: 809
median: 159
mode: 183
standard deviation: 88.9

Frequency Histogram



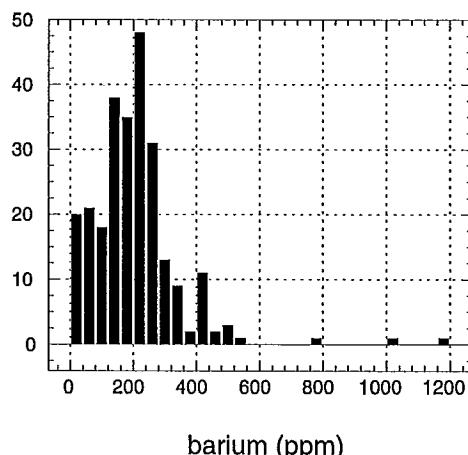
1991 Samples — Barium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 10 ppm

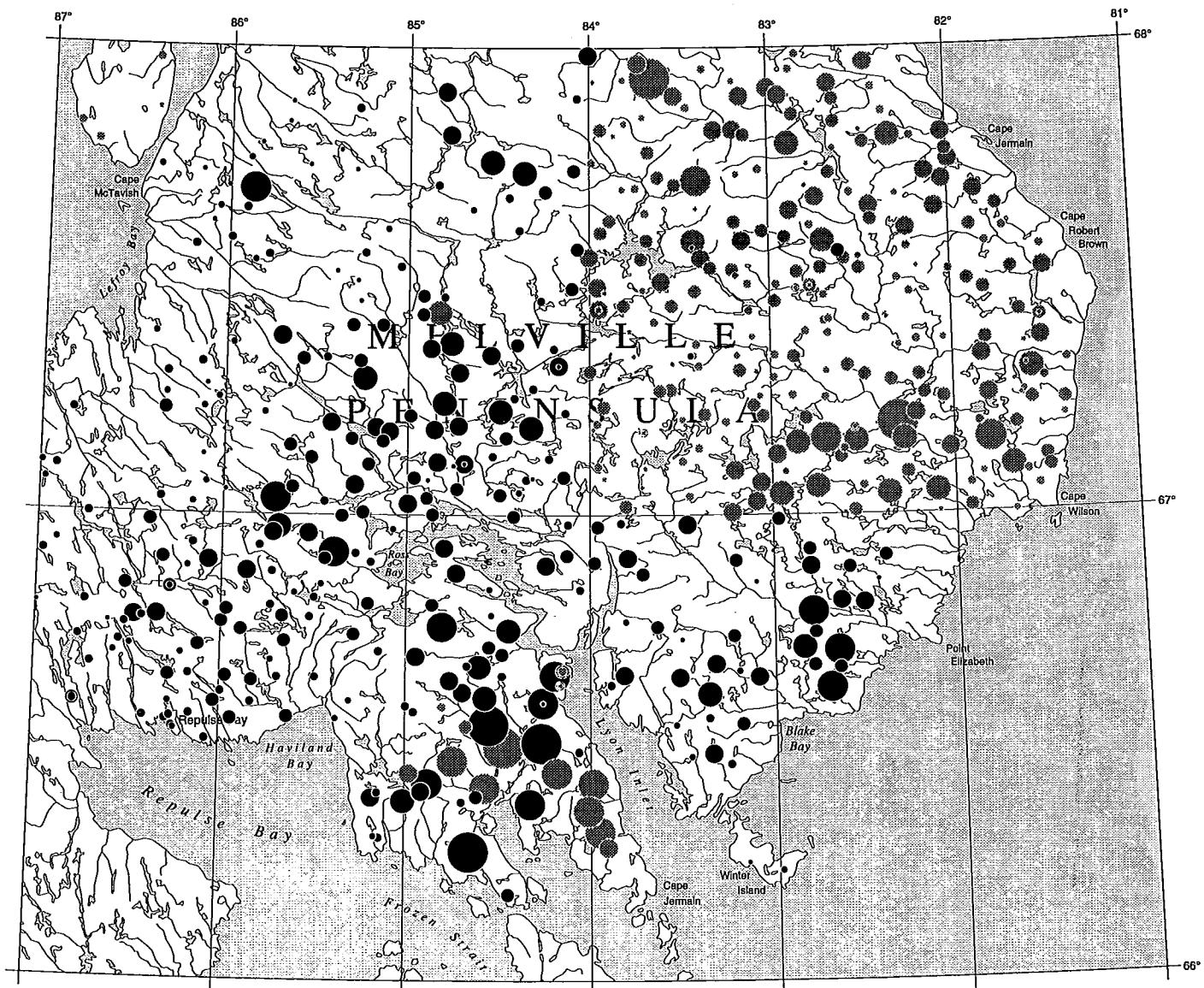
Summary Statistics

no. of observations: 255
mean: 207.2
minimum: 5
maximum: 1170
median: 200
mode: 230
standard deviation: 138.3

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Ba

1990 Samples
Barium (ppm)

<0.002mm fraction

N = 280

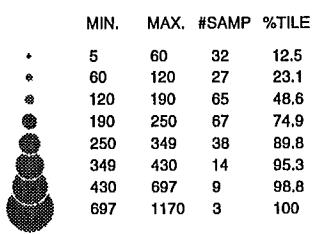


| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| . | 7 | 65 | 28 | 10 |
| . | 65 | 113 | 42 | 25 |
| . | 113 | 159 | 70 | 50 |
| . | 159 | 204 | 71 | 75.4 |
| . | 204 | 250 | 41 | 90 |
| . | 250 | 281 | 14 | 95 |
| . | 281 | 448 | 11 | 98.9 |
| . | 448 | 809 | 3 | 100 |

1991 Samples
Barium (ppm)

<0.002mm fraction

N = 255



Till Geochemistry of the South Melville Peninsula, N.W.T.

Ca

1990 Samples — Calcium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

Summary Statistics

no. of observations: 280
mean: 1.518
minimum: 0.005
maximum: 10
median: 0.53
mode: 10
standard deviation: 2.354

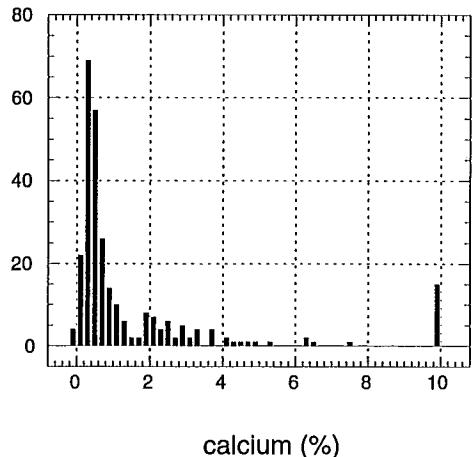
1991 Samples — Calcium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

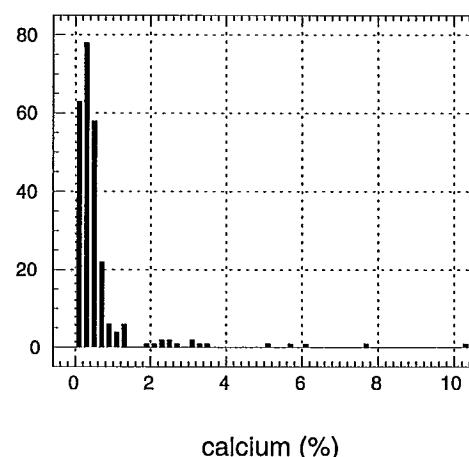
Summary Statistics

no. of observations: 255
mean: 0.79
minimum: 0.01
maximum: 14.09
median: 0.38
mode: 0.07
standard deviation: 1.61

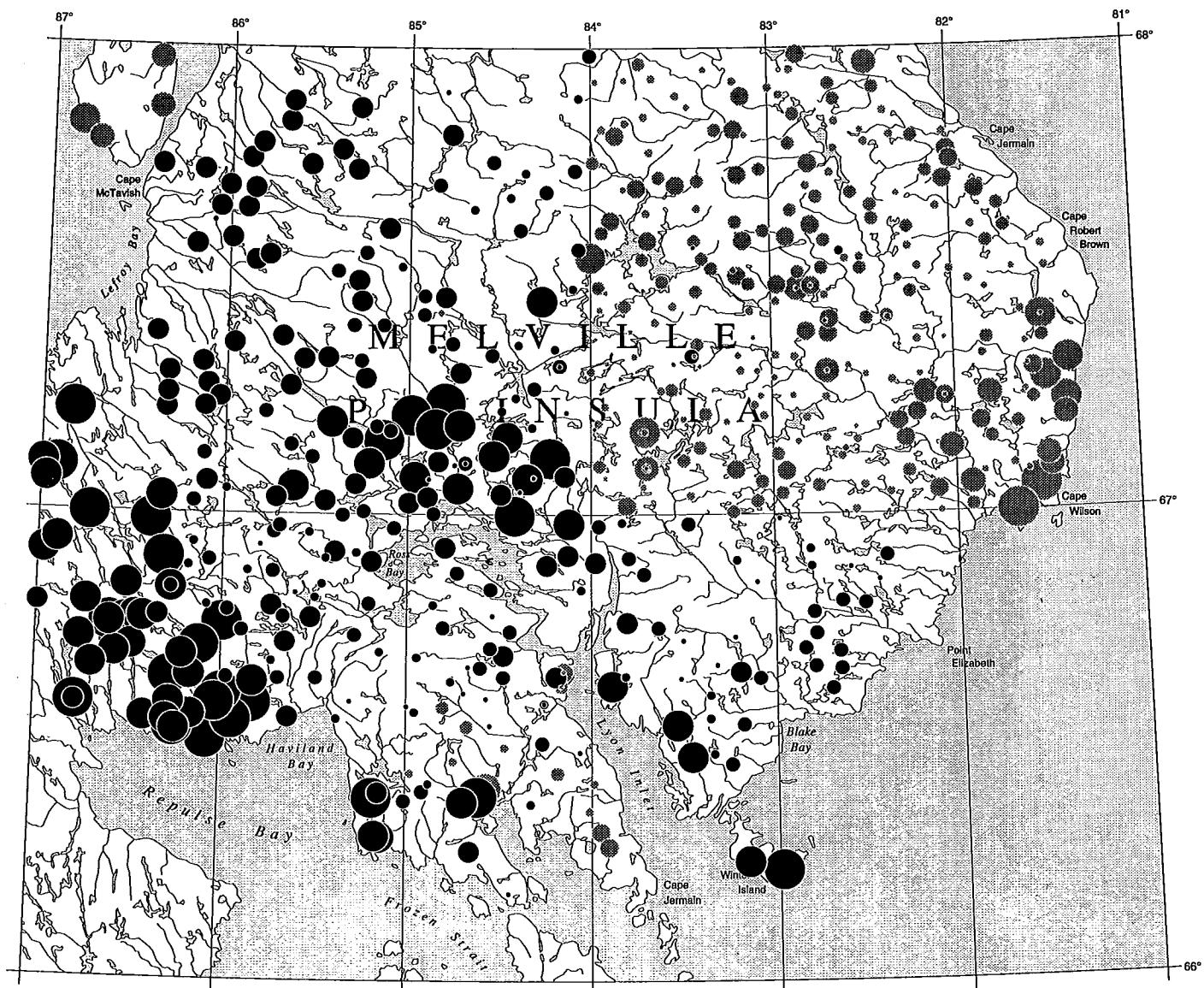
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

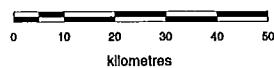


Ca

1990 Samples
Calcium (%)

<0.002mm fraction

N = 280



| MIN. | MAX. | #SAMP | %TILE |
|-------|------|-------|-------|
| 0.005 | 0.21 | 29 | 10.4 |
| 0.21 | 0.35 | 42 | 25.4 |
| 0.35 | 0.53 | 72 | 51.1 |
| 0.53 | 1.6 | 67 | 75 |
| 1.6 | 3.7 | 41 | 89.6 |
| 3.7 | 10 | 29 | 100 |

1991 Samples
Calcium (%)

<0.002mm fraction

N = 255

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 0.01 | 0.07 | 25 | 9.8 |
| 0.07 | 0.2 | 38 | 24.7 |
| 0.2 | 0.37 | 67 | 51 |
| 0.37 | 0.58 | 65 | 76.5 |
| 0.58 | 1.2 | 36 | 90.6 |
| 1.2 | 3.1 | 14 | 96.1 |
| 3.1 | 11 | 8 | 99.2 |
| 11 | 15 | 2 | 100 |

Till Geochemistry of the
South Melville Peninsula, N.W.T.

Cd

1990 Samples — Cadmium

NOT
ANALYZED

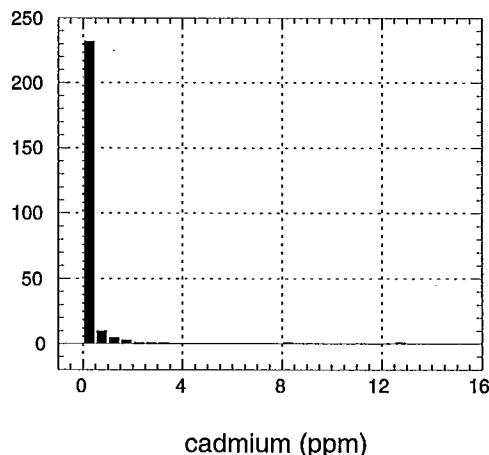
1991 Samples — Cadmium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.5 ppm

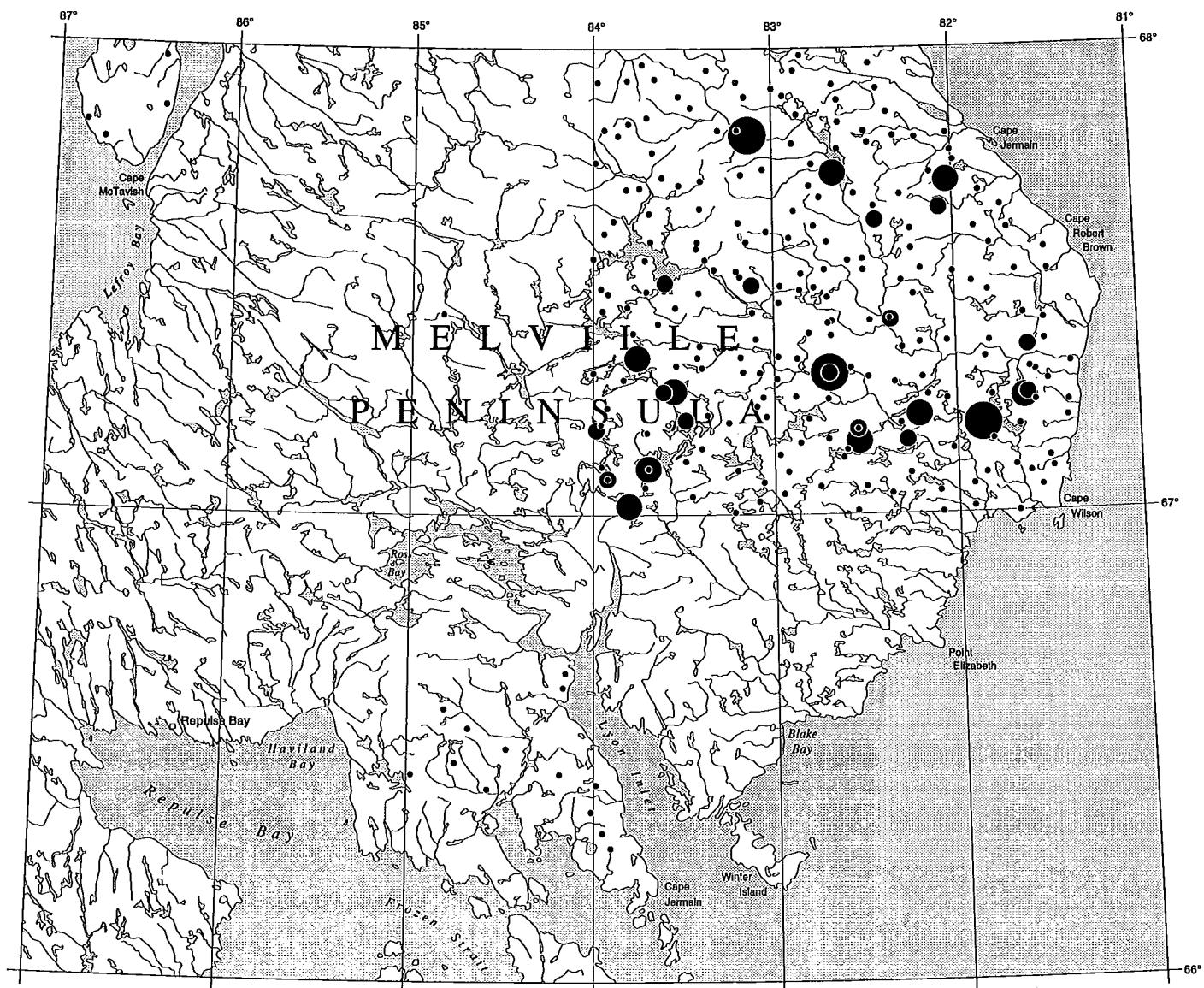
Summary Statistics

no. of observations: 255
mean: 0.42
minimum: 0.25
maximum: 7.5
median: 0.25
mode: 0.25
standard deviation: 0.56

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

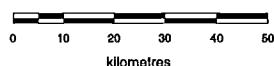


Cd

1990 Samples
Cadmium (ppm)

<0.002mm fraction

N = 280



NOT PLOTTED

1991 Samples
Cadmium (ppm)

<0.002mm fraction

N = 255

MIN. MAX. #SAMP %TILE

| | | | |
|------|-----|-----|------|
| 0.25 | 0.5 | 229 | 89.8 |
| 0.5 | 1 | 14 | 95.3 |
| 1 | 1.8 | 9 | 98.8 |
| 1.8 | 7.5 | 3 | 100 |



Till Geochemistry of the South Melville Peninsula, N.W.T.

Co

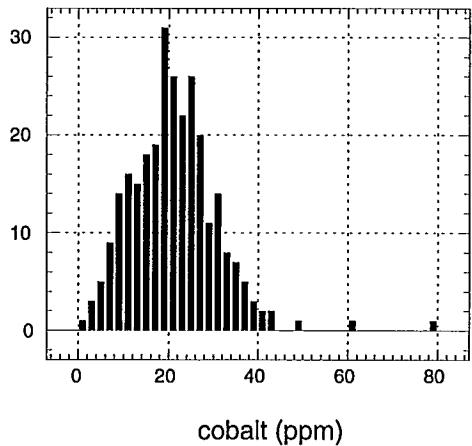
1990 Samples — Cobalt

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 21.7
minimum: 2
maximum: 79
median: 22
mode: 22
standard deviation: 9.6

Frequency Histogram



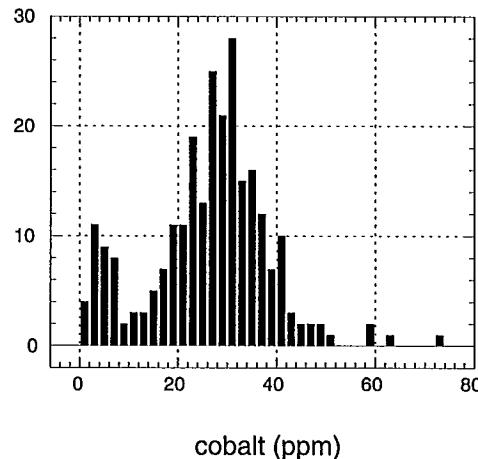
1991 Samples — Cobalt

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

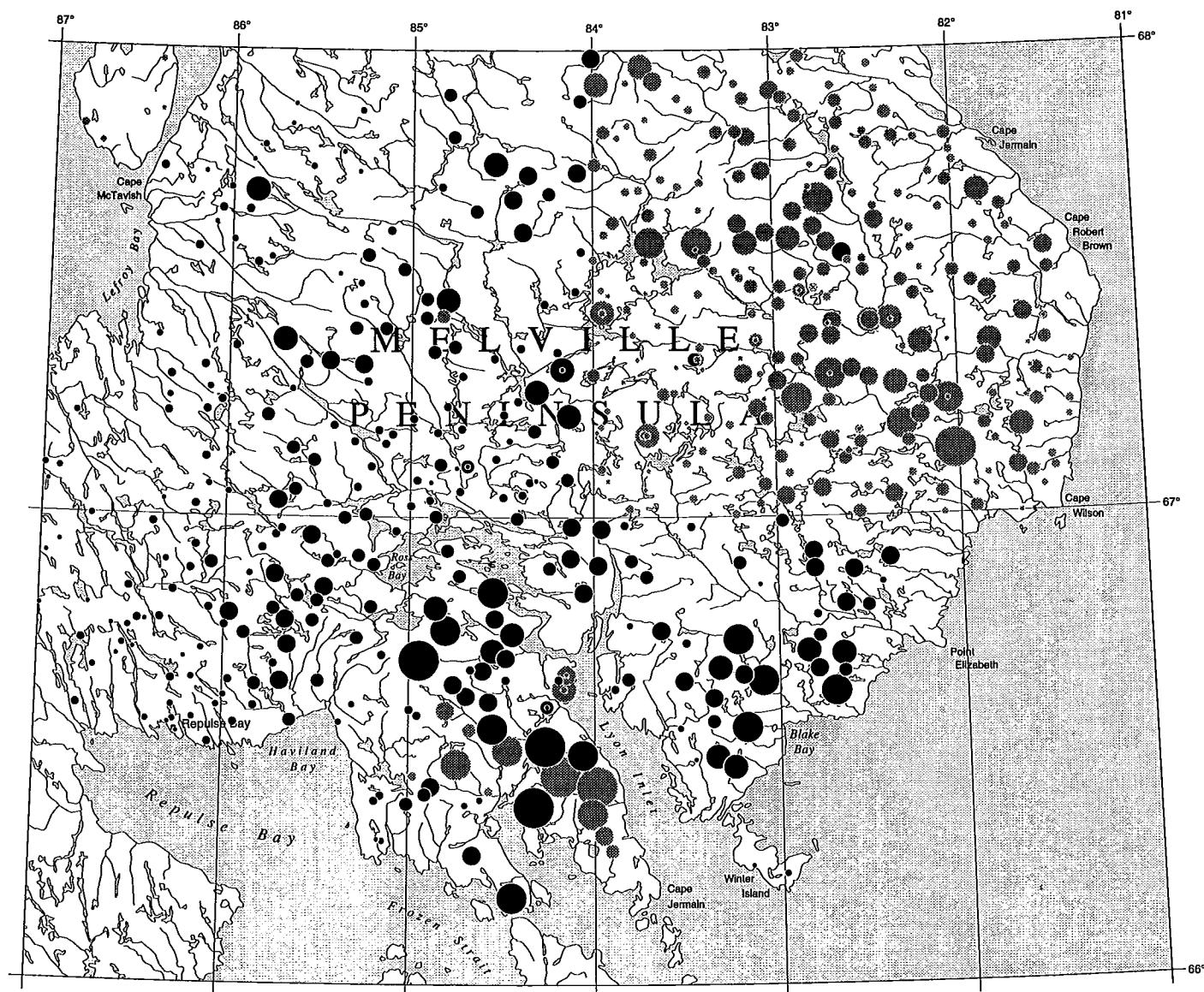
Summary Statistics

no. of observations: 255
mean: 27.6
minimum: 1
maximum: 261
median: 28
mode: 31
standard deviation: 18.8

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Co

1990 Samples
Cobalt (ppm)

<0.002mm fraction

N = 280



MIN. MAX. #SAMP %TILE

| | | | | |
|---|----|----|----|------|
| • | 2 | 10 | 32 | 11.4 |
| • | 10 | 15 | 41 | 26.1 |
| • | 15 | 22 | 84 | 56.1 |
| • | 22 | 27 | 57 | 76.4 |
| • | 27 | 33 | 39 | 90.4 |
| • | 33 | 37 | 15 | 95.7 |
| • | 37 | 47 | 9 | 98.9 |
| • | 47 | 79 | 3 | 100 |

1991 Samples
Cobalt (ppm)

<0.002mm fraction

N = 255

MIN. MAX. #SAMP %TILE

| | | | | |
|---|----|-----|----|------|
| * | 1 | 8 | 32 | 12.5 |
| * | 8 | 20 | 31 | 24.7 |
| * | 20 | 28 | 68 | 51.4 |
| * | 28 | 34 | 64 | 76.5 |
| * | 34 | 39 | 33 | 89.4 |
| * | 39 | 43 | 14 | 94.9 |
| * | 43 | 61 | 10 | 98.8 |
| * | 61 | 261 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Cr

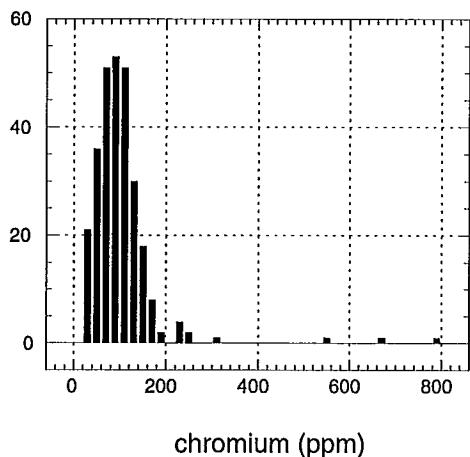
1990 Samples — Chromium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 102
minimum: 23
maximum: 799
median: 94
mode: 109
standard deviation: 74

Frequency Histogram



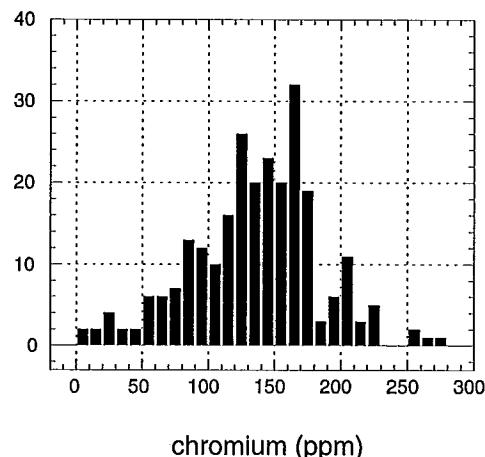
1991 Samples — Chromium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

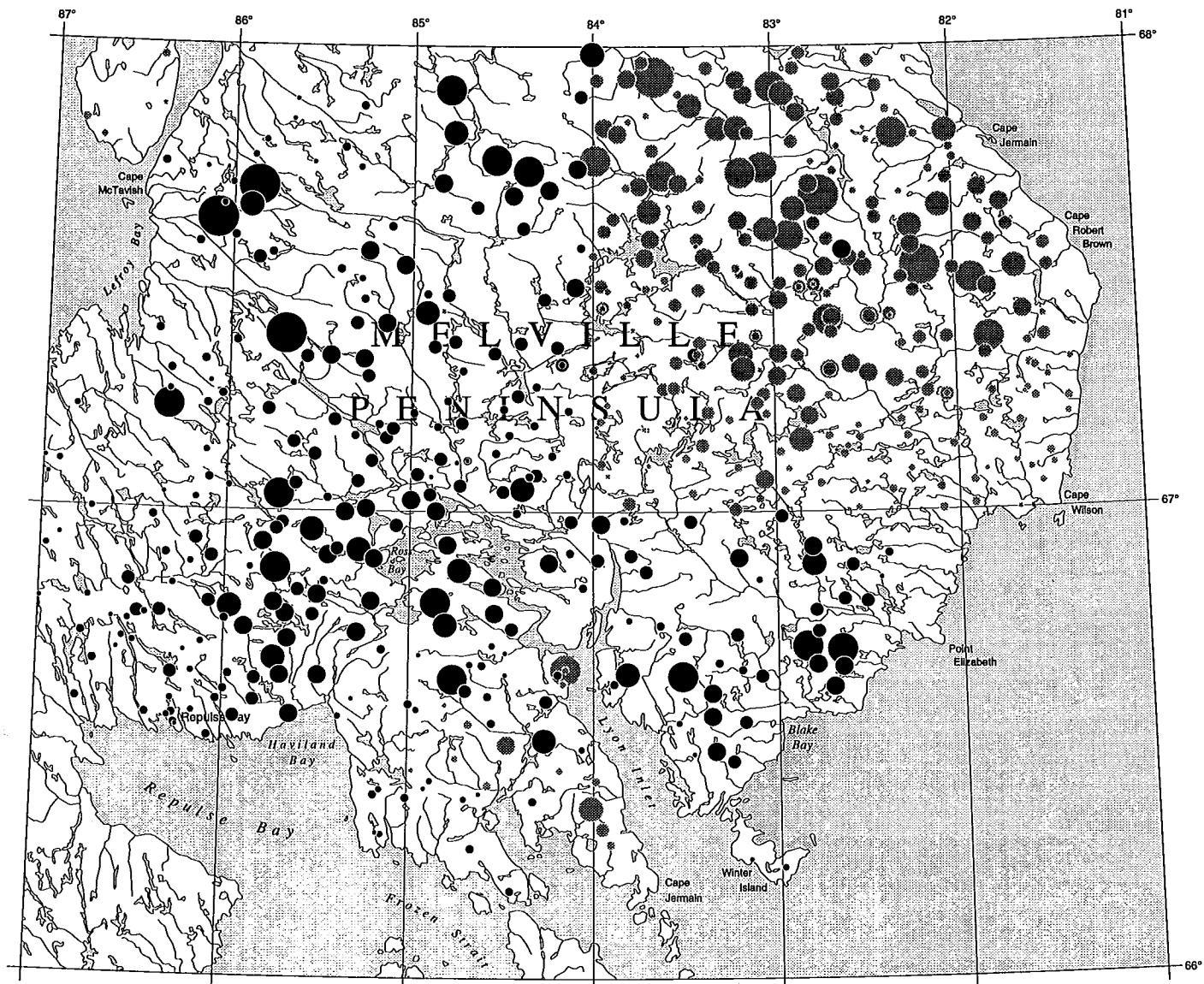
Summary Statistics

no. of observations: 255
mean: 136.2
minimum: 3
maximum: 372
median: 137
mode: 169
standard deviation: 50

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

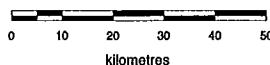


Cr

1990 Samples
Chromium (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 23 | 44 | 28 | 10 |
| • | 44 | 64 | 42 | 25 |
| • | 64 | 94 | 72 | 50.7 |
| • | 94 | 119 | 69 | 75.4 |
| • | 119 | 149 | 41 | 90 |
| • | 149 | 175 | 14 | 95 |
| • | 175 | 471 | 11 | 98.9 |
| • | 471 | 799 | 3 | 100 |

1991 Samples
Chromium (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 3 | 68 | 24 | 9.4 |
| • | 68 | 102 | 34 | 22.7 |
| • | 102 | 136 | 66 | 48.6 |
| • | 136 | 165 | 65 | 74.1 |
| • | 165 | 194 | 37 | 88.6 |
| • | 194 | 209 | 15 | 94.5 |
| • | 209 | 260 | 11 | 98.8 |
| • | 260 | 372 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Cu

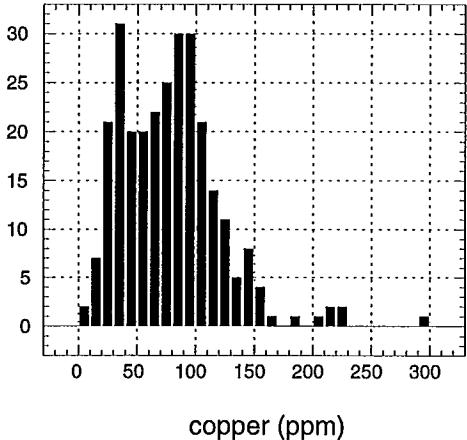
1990 Samples — Copper

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 80.2
minimum: 4
maximum: 532
median: 77
mode: 82
standard deviation: 50.3

Frequency Histogram



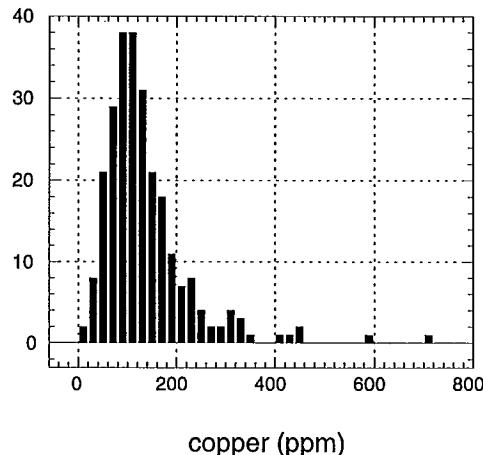
1991 Samples — Copper

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

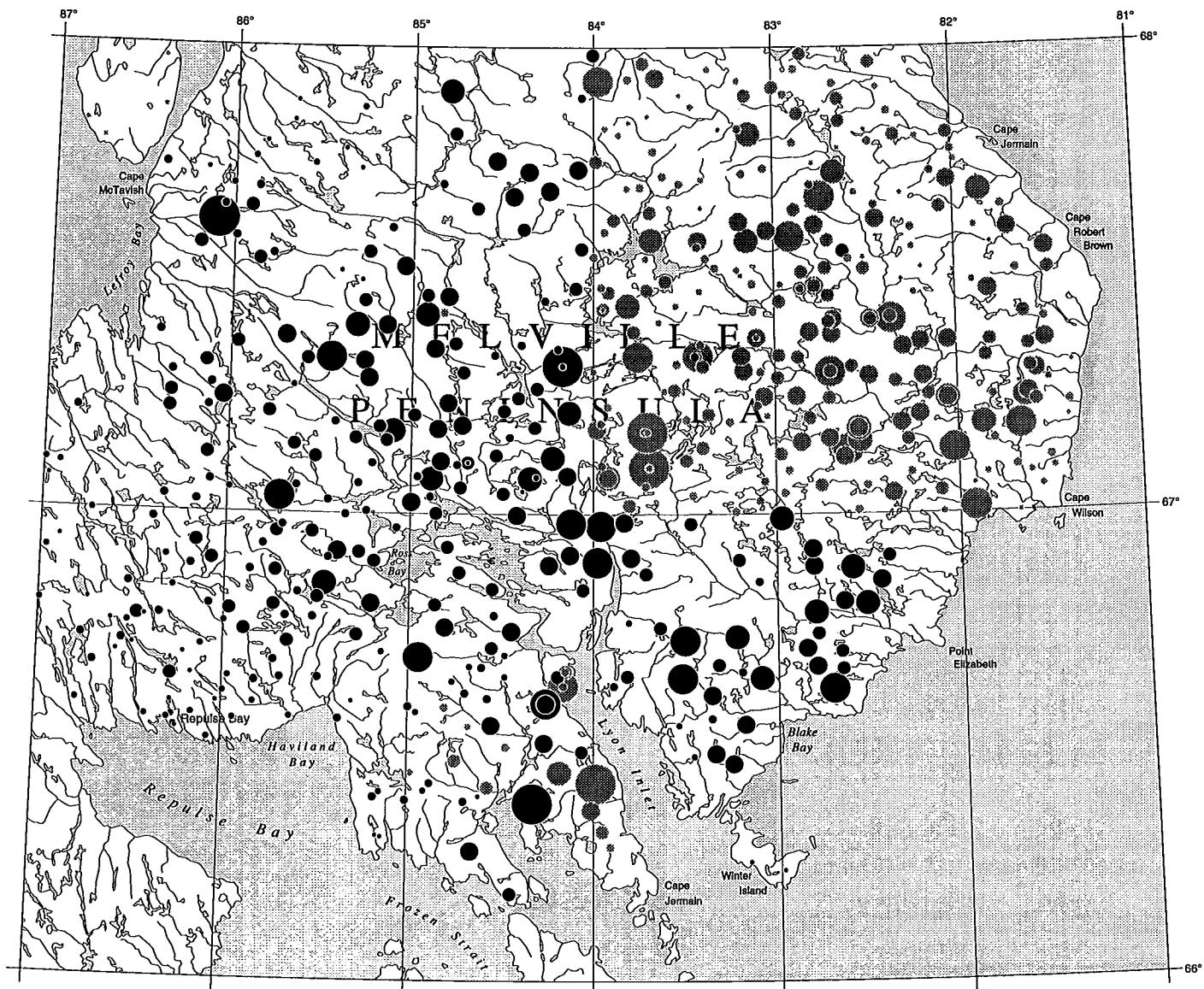
Summary Statistics

no. of observations: 255
mean: 138.7
minimum: 14
maximum: 1626
median: 114
mode: 97
standard deviation: 128.1

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

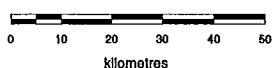


Cu

1990 Samples
Copper (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| . | 4 | 29 | 29 | 10.4 |
| . | 29 | 44 | 42 | 25.4 |
| . | 44 | 76 | 68 | 49.6 |
| . | 76 | 101 | 71 | 75 |
| . | 101 | 127 | 42 | 90 |
| . | 127 | 150 | 15 | 95.4 |
| . | 150 | 224 | 10 | 98.9 |
| . | 224 | 532 | 3 | 100 |

1991 Samples
Copper (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| * | 14 | 53 | 25 | 9.8 |
| * | 53 | 80 | 35 | 23.5 |
| * | 80 | 114 | 67 | 49.8 |
| . | 114 | 160 | 61 | 73.7 |
| . | 160 | 230 | 39 | 89 |
| . | 230 | 300 | 13 | 94.1 |
| . | 300 | 545 | 12 | 98.8 |
| . | 545 | 1626 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Fe

1990 Samples — Total Iron

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

1991 Samples — Total Iron

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

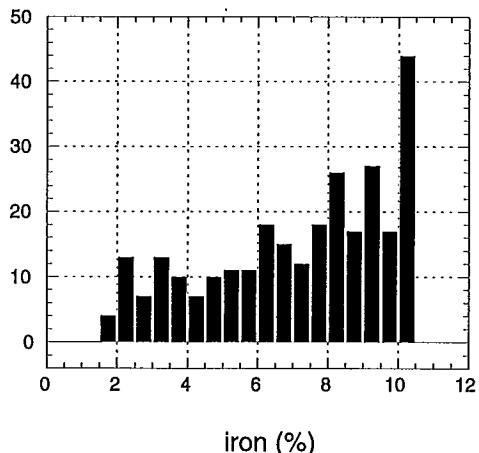
Summary Statistics

no. of observations: 280
mean: 7.11
minimum: 1.75
maximum: 10
median: 7.78
mode: 10
standard deviation: 2.49

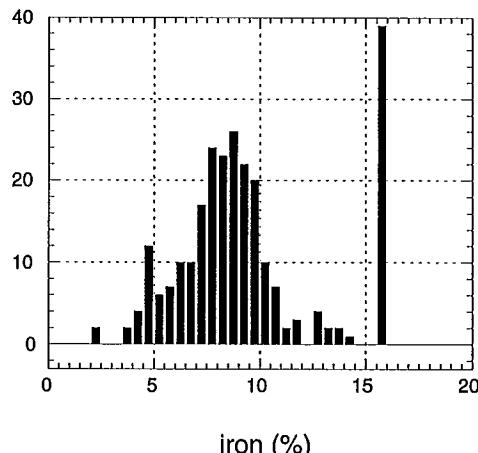
Summary Statistics

no. of observations: 255
mean: 9.29
minimum: 2.16
maximum: 16
median: 8.67
mode: 16
standard deviation: 3.45

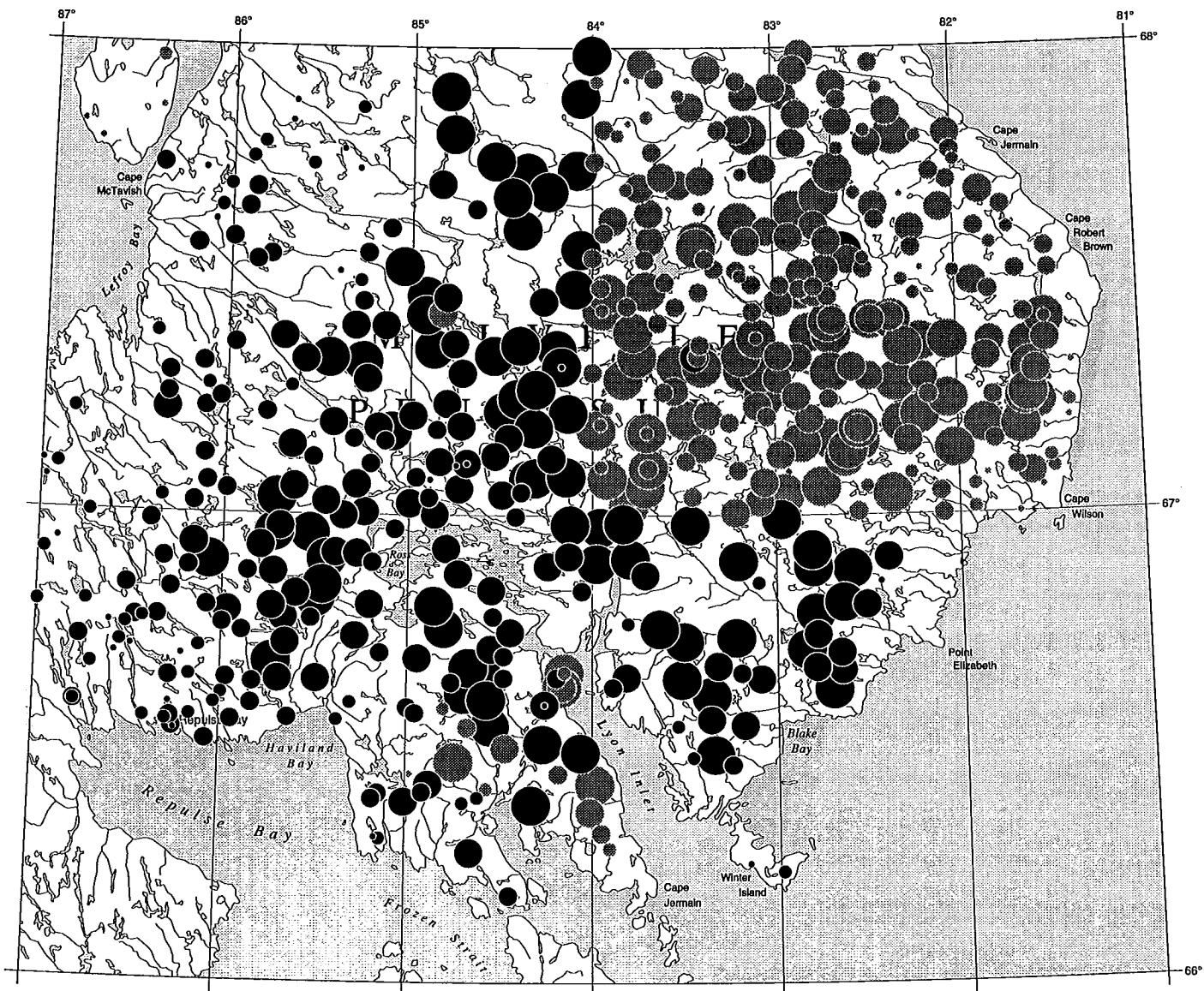
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Fe

1990 Samples
Iron (%)

<0.002mm fraction

N = 280

0 10 20 30 40 50
kilometres



| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 1.75 | 3.2 | 25 | 8.9 |
| 3.2 | 5.1 | 40 | 23.2 |
| 5.1 | 7.7 | 73 | 49.3 |
| 7.7 | 9.3 | 71 | 74.6 |
| 9.3 | 10 | 71 | 100 |

1991 Samples
Iron (%)

<0.002mm fraction

N = 255

| MIN. | MAX. | #SAMP | %TILE |
|--------|------|-------|-------|
| * 2.16 | 4.9 | 17 | 6.7 |
| 4.9 | 7.1 | 39 | 22 |
| 7.1 | 8.5 | 61 | 45.9 |
| 8.5 | 10 | 68 | 72.5 |
| 10 | 16 | 70 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Ga

1990 Samples — Gallium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 2 ppm

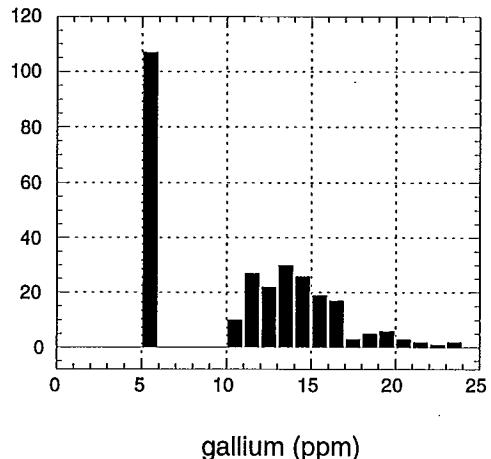
Summary Statistics

no. of observations: 280
mean: 10.5
minimum: 5
maximum: 23
median: 11
mode: 5
standard deviation: 4.8

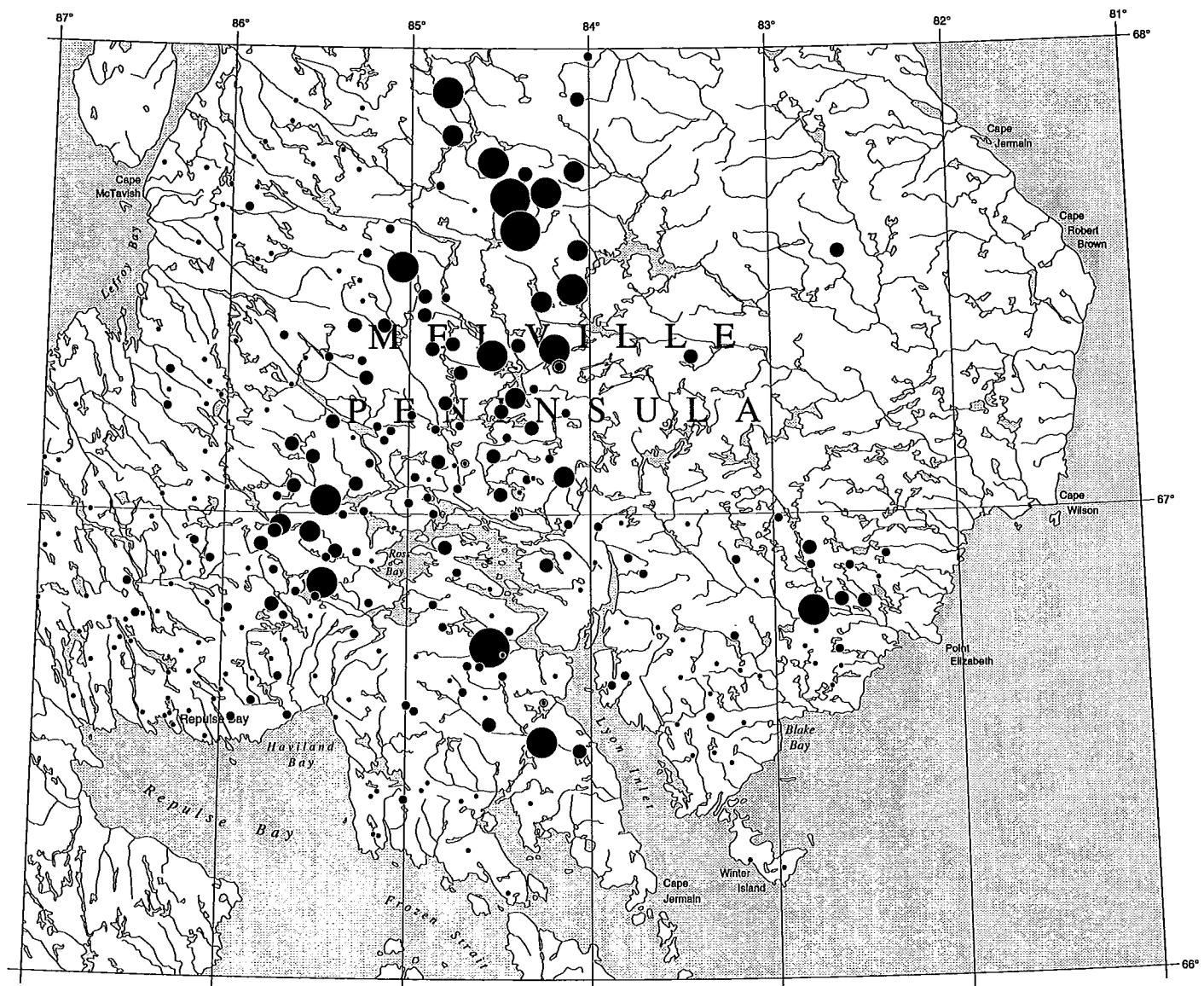
1991 Samples — Gallium

NOT
ANALYZED

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Ga

1990 Samples
Gallium (ppm)

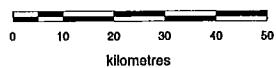
1991 Samples
Gallium (ppm)

<0.002mm fraction

N = 280

<0.002mm fraction

N = 255



| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 5 | 11 | 144 | 51.4 |
| 11 | 14 | 78 | 79.3 |
| 14 | 16 | 36 | 92.1 |
| 16 | 18 | 8 | 95 |
| 18 | 21 | 11 | 98.9 |
| 21 | 23 | 3 | 100 |



NOT PLOTTED

Till Geochemistry of the South Melville Peninsula, N.W.T.

Hg

1990 Samples — Mercury

NOT
ANALYZED

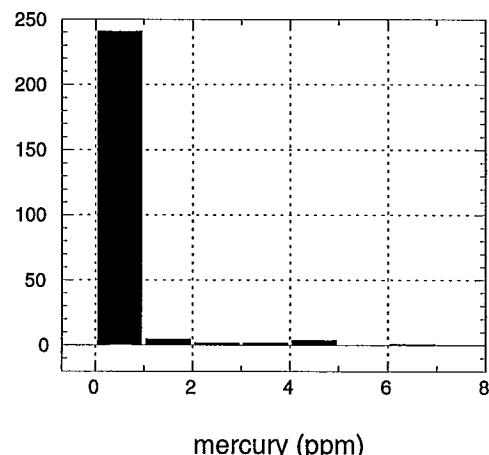
1991 Samples — Mercury

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

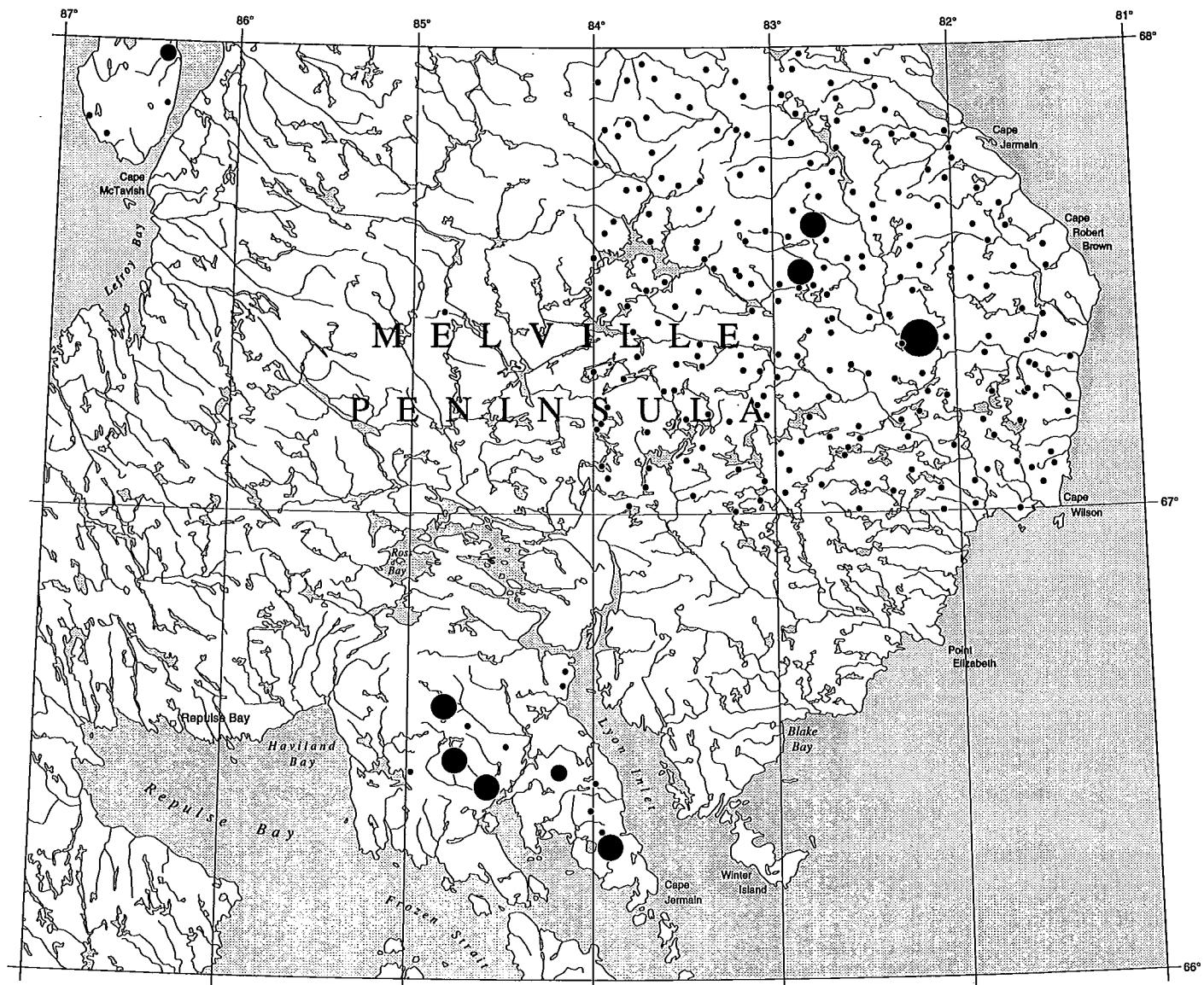
Summary Statistics

no. of observations: 255
mean: 0.6
minimum: 0.5
maximum: 7
median: 0.5
mode: 0.5
standard deviation: 0.7

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Hg

1990 Samples
Mercury (ppm)

<0.002mm fraction

N = 280



NOT ANALYZED

1991 Samples
Mercury (ppm)

<0.002mm fraction

N = 255

MIN. MAX. #SAMP %TILE

| | | | |
|-----|-----|-----|------|
| 0.5 | 1 | 246 | 96.5 |
| 1 | 2 | 2 | 97.3 |
| 2 | 5.3 | 6 | 99.6 |
| 5.3 | 7 | 1 | 100 |



Till Geochemistry of the South Melville Peninsula, N.W.T.

K

1990 Samples — Potassium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

Summary Statistics

no. of observations: 280
mean: 1.29
minimum: 0.11
maximum: 4.07
median: 1.27
mode: 1.44
standard deviation: 0.65

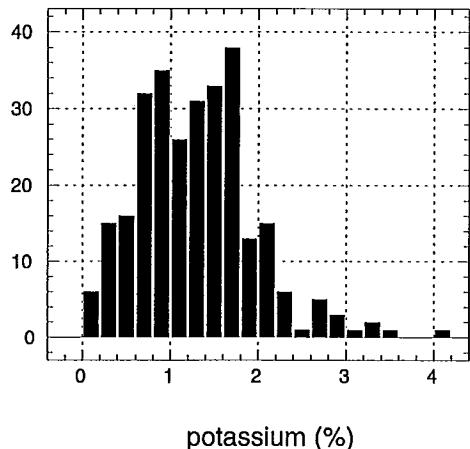
1991 Samples — Potassium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

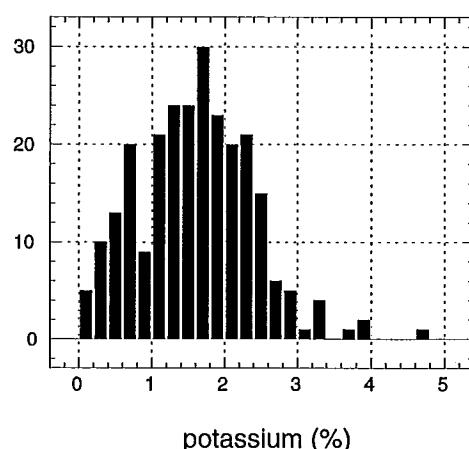
Summary Statistics

no. of observations: 255
mean: 1.59
minimum: 0.02
maximum: 4.64
median: 1.59
mode: 1.23
standard deviation: 0.77

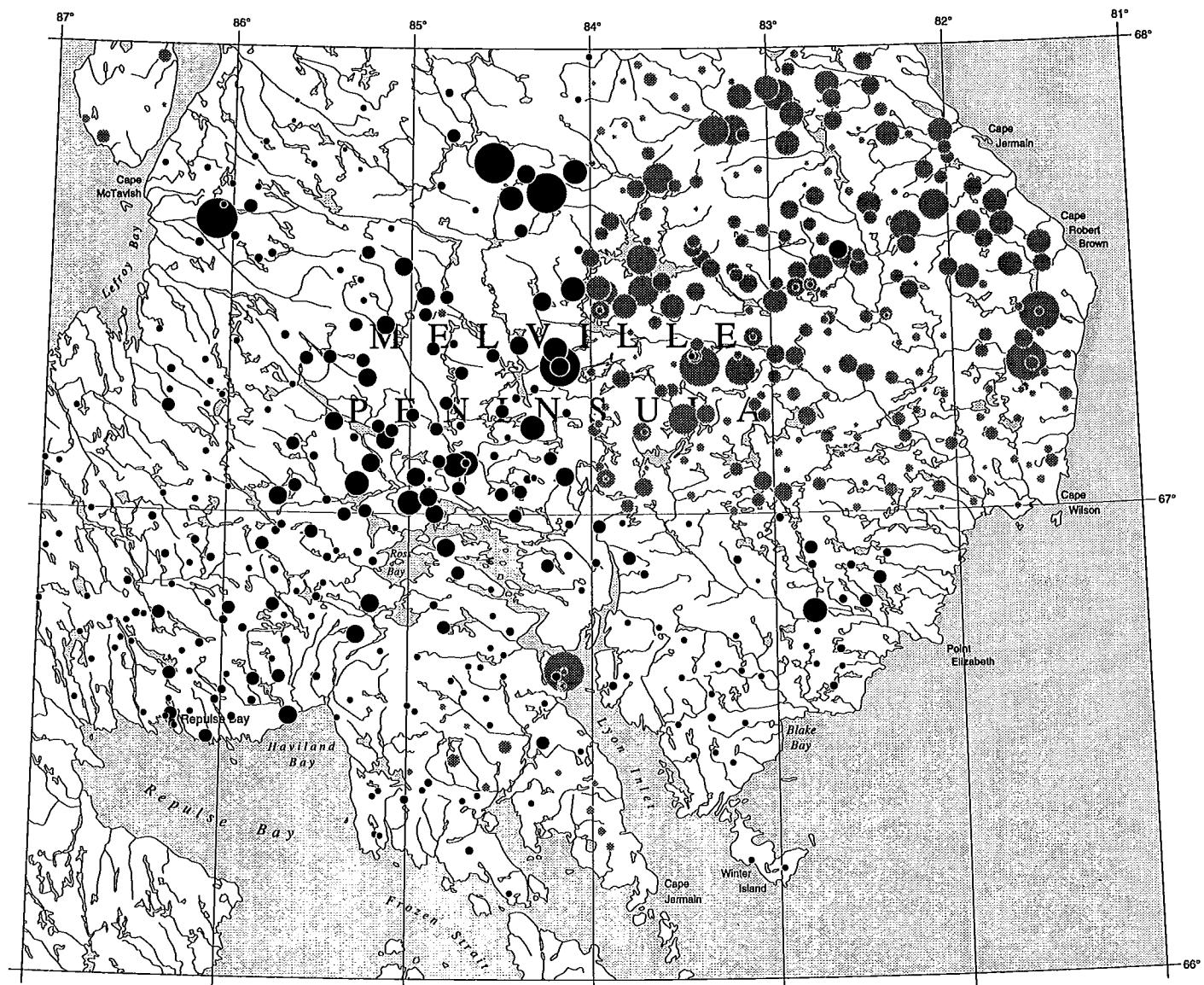
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

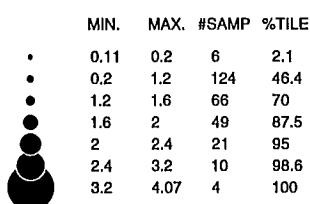
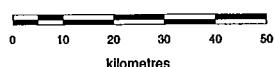


K

1990 Samples
Potassium (%)

<0.002mm fraction

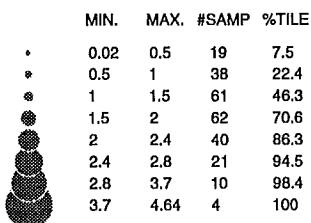
N = 280



1991 Samples
Potassium (%)

<0.002mm fraction

N = 255



Till Geochemistry of the South Melville Peninsula, N.W.T.

La

1990 Samples — Lanthanum

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 94.9
minimum: 0.5
maximum: 588
median: 84
mode: 60
standard deviation: 63.1

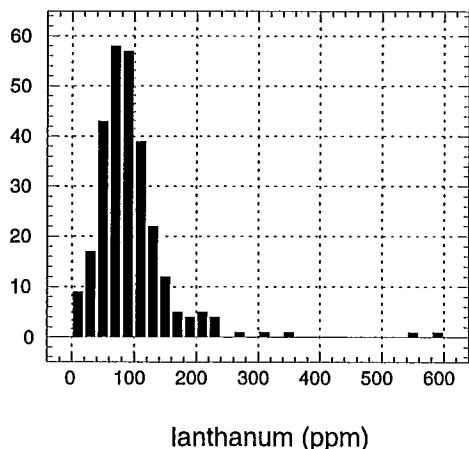
1991 Samples — Lanthanum

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 10 ppm

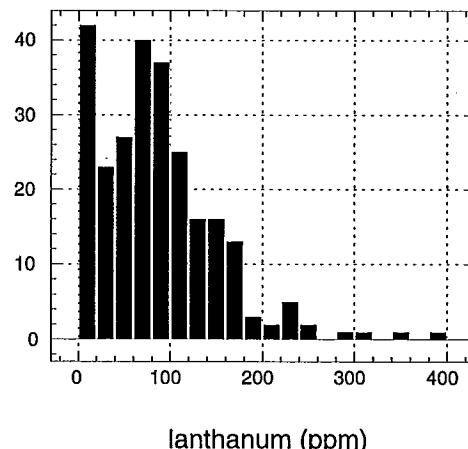
Summary Statistics

no. of observations: 255
mean: 90.3
minimum: 5
maximum: 390
median: 80
mode: 70
standard deviation: 64.5

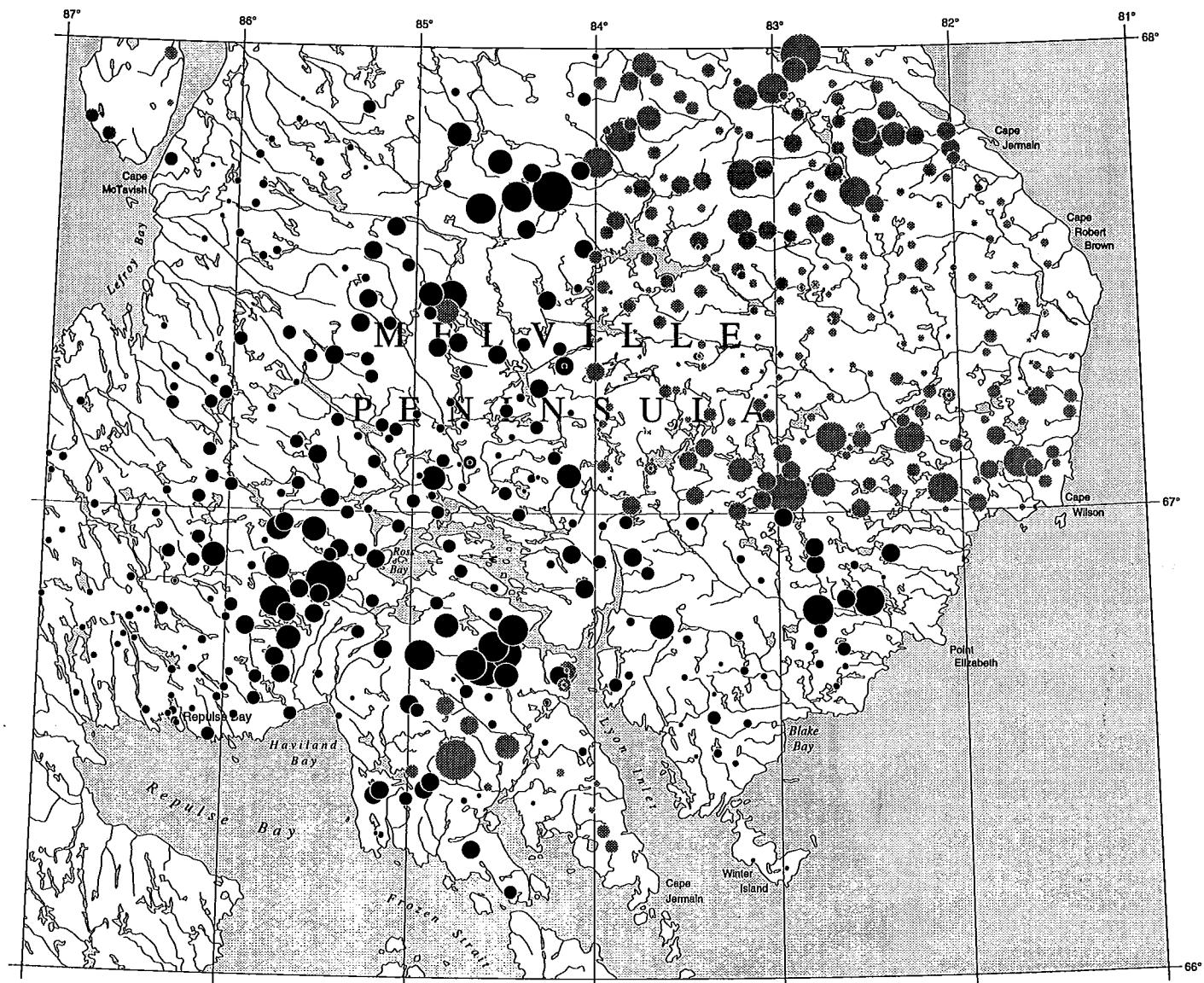
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

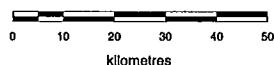


La

1990 Samples
Lanthanum (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 0.5 | 43 | 27 | 9.6 |
| • | 43 | 61 | 45 | 25.7 |
| • | 61 | 84 | 70 | 50.7 |
| • | 84 | 111 | 68 | 75 |
| • | 111 | 152 | 43 | 90.4 |
| • | 152 | 200 | 13 | 95 |
| • | 200 | 340 | 11 | 98.9 |
| • | 340 | 588 | 3 | 100 |

1991 Samples
Lanthanum (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 5 | 10 | 33 | 12.9 |
| • | 10 | 40 | 32 | 25.5 |
| • | 40 | 80 | 67 | 51.8 |
| • | 80 | 120 | 62 | 76.1 |
| • | 120 | 170 | 37 | 90.6 |
| • | 170 | 202 | 11 | 94.9 |
| • | 202 | 312 | 10 | 98.8 |
| • | 312 | 390 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Li

1990 Samples — Lithium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

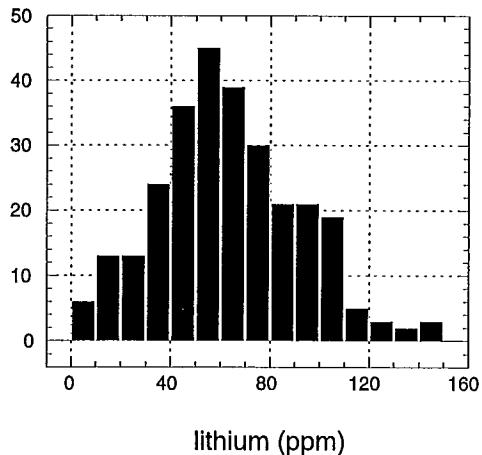
Summary Statistics

no. of observations: 280
mean: 63.8
minimum: 6
maximum: 149
median: 62
mode: 48
standard deviation: 28.5

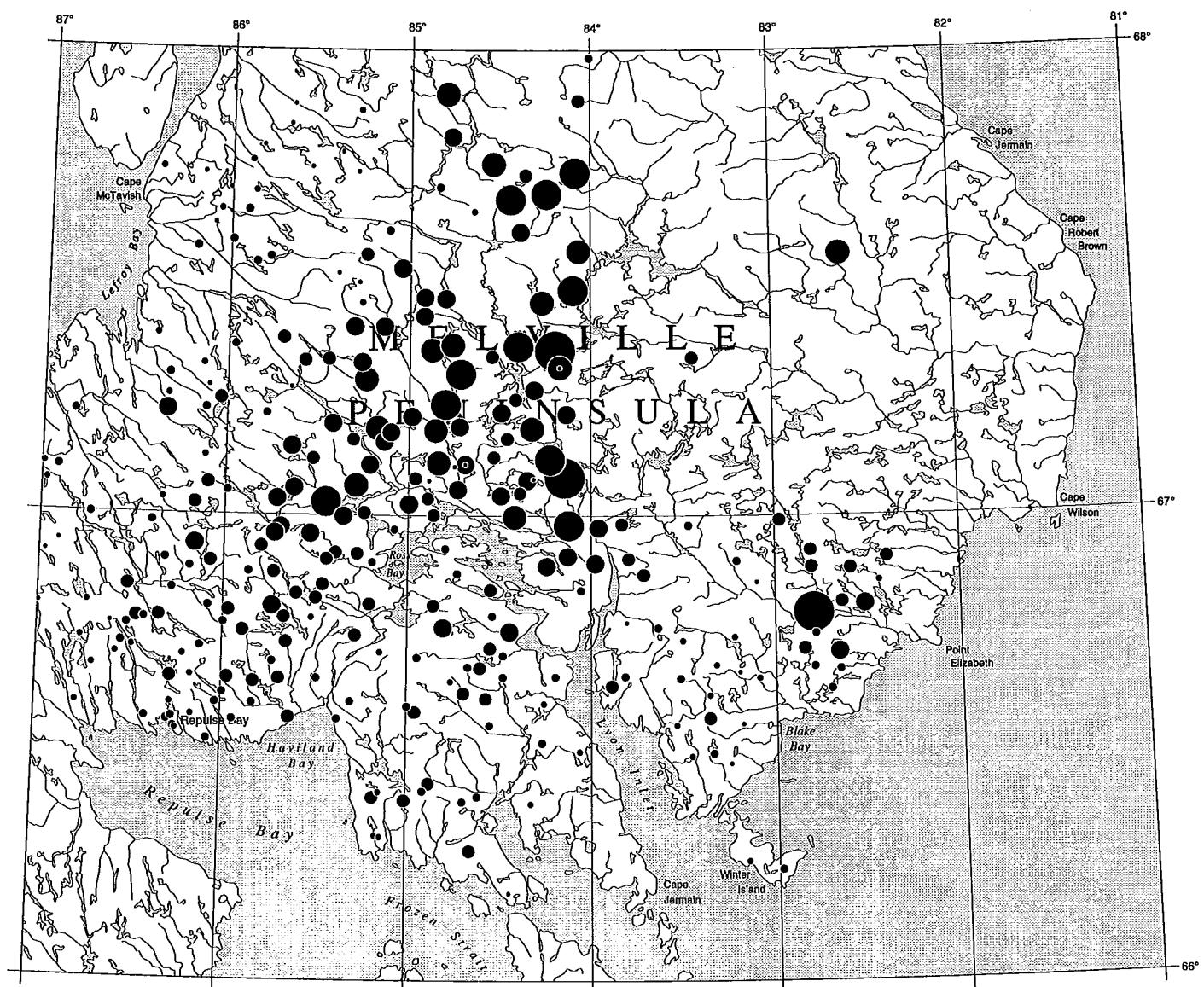
1991 Samples — Lithium

NOT
ANALYZED

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

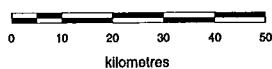


Li

1990 Samples
Lithium (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|--------|------|------|-------|-------|
| . | 6 | 29 | 29 | 10.4 |
| • | 29 | 46 | 43 | 25.7 |
| ● | 46 | 62 | 72 | 51.4 |
| ●● | 62 | 82 | 67 | 75.4 |
| ●●● | 82 | 101 | 41 | 90 |
| ●●●● | 101 | 110 | 15 | 95.4 |
| ●●●●● | 110 | 140 | 10 | 98.9 |
| ●●●●●● | 140 | 149 | 3 | 100 |

1991 Samples
Lithium (ppm)

<0.002mm fraction

N = 255

NOT ANALYZED

Till Geochemistry of the South Melville Peninsula, N.W.T.

Mg

1990 Samples — Magnesium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

Summary Statistics

no. of observations: 280
mean: 3.01
minimum: 0.24
maximum: 9.13
median: 3.07
mode: 3.37
standard deviation: 1.20

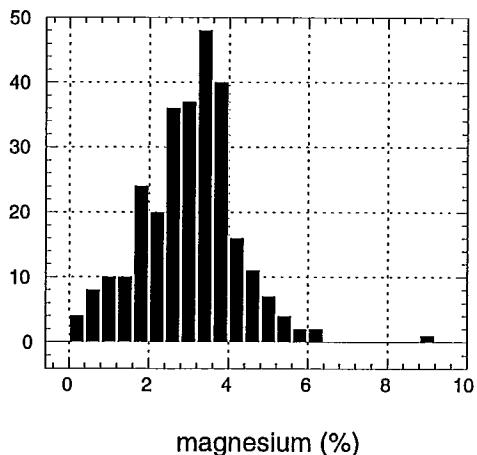
1991 Samples — Magnesium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

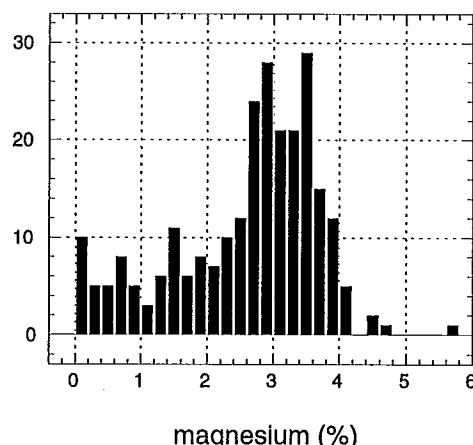
Summary Statistics

no. of observations: 255
mean: 2.62
minimum: 0.01
maximum: 5.61
median: 2.87
mode: 2.87
standard deviation: 1.12

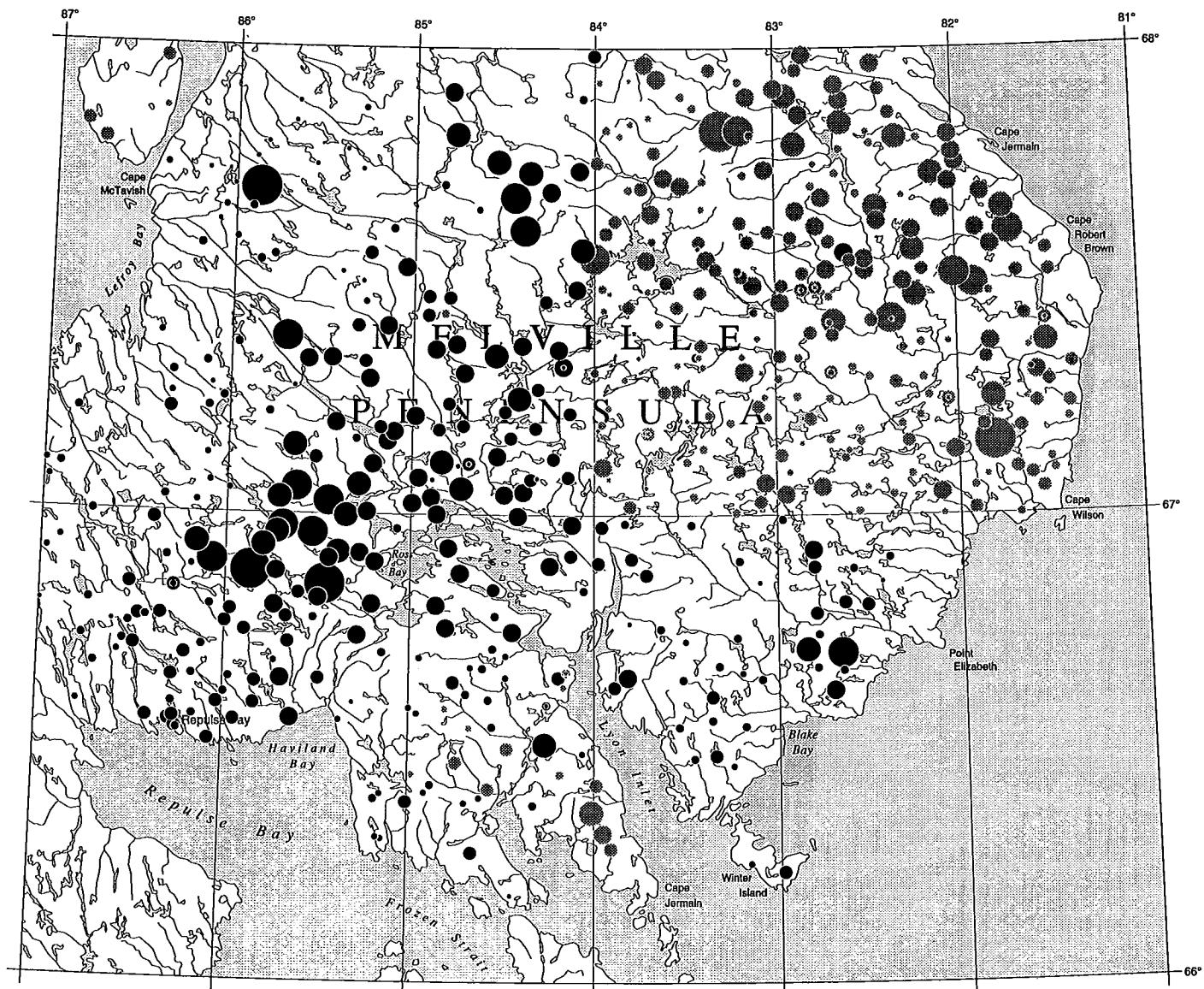
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

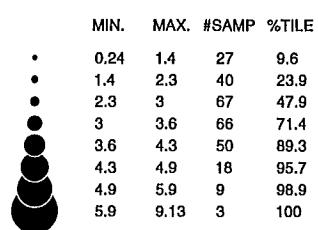
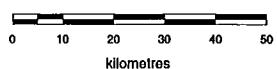


Mg

1990 Samples
Magnesium (%)

<0.002mm fraction

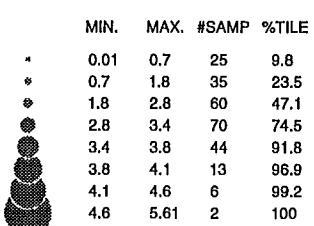
N = 280



1991 Samples
Magnesium (%)

<0.002mm fraction

N = 255



Till Geochemistry of the South Melville Peninsula, N.W.T.

Mn

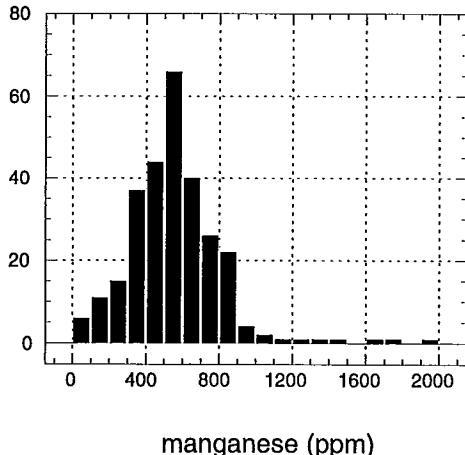
1990 Samples — Manganese

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 604.6
minimum: 1
maximum: 2000
median: 600
mode: 600
standard deviation: 254.3

Frequency Histogram



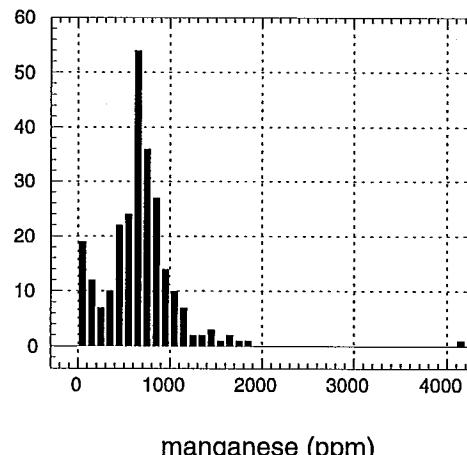
1991 Samples — Manganese

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 5 ppm

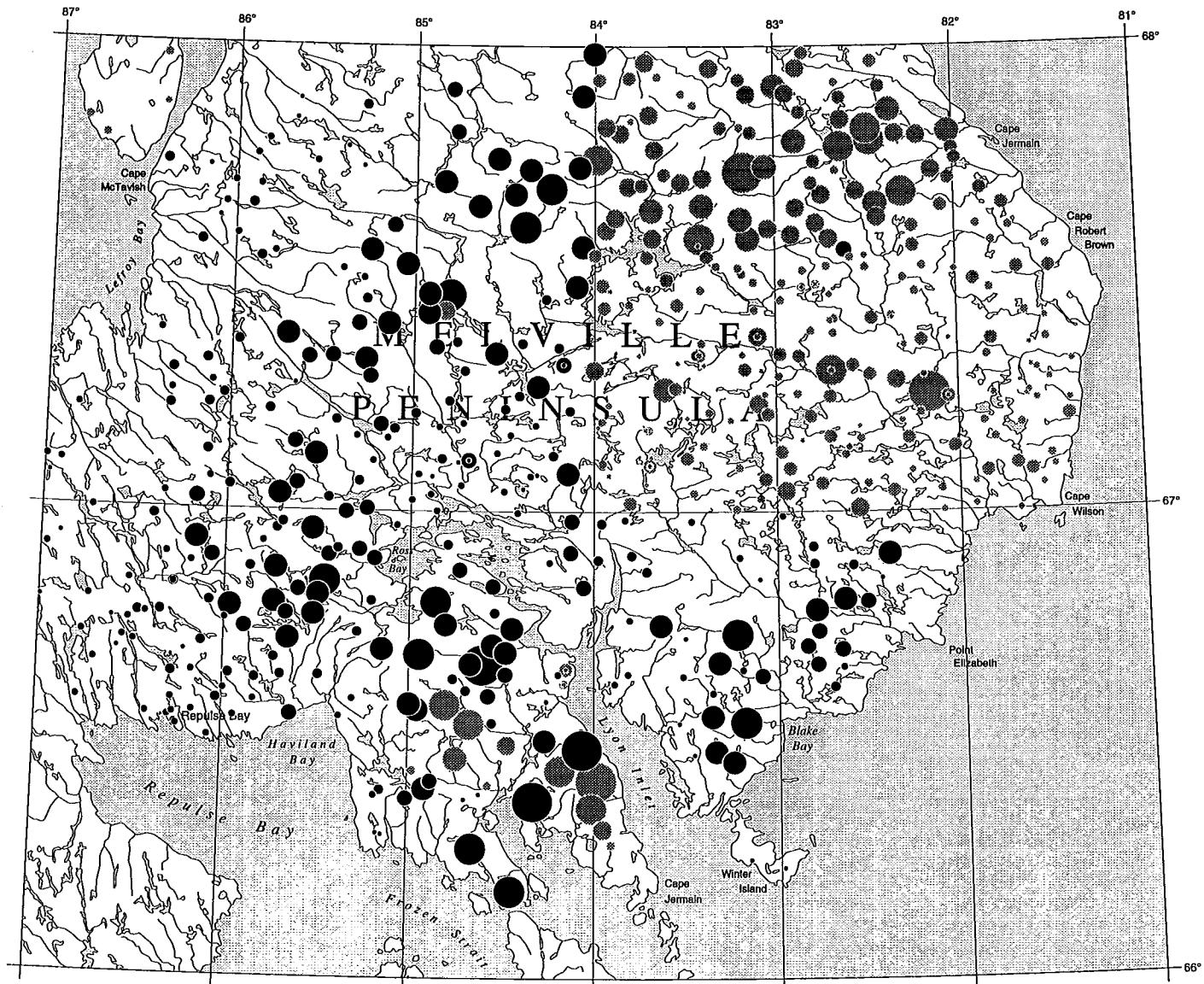
Summary Statistics

no. of observations: 255
mean: 670.8
minimum: 10
maximum: 4135
median: 665
mode: 680
standard deviation: 394.7

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

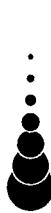
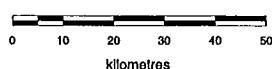


Mn

1990 Samples
Manganese (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 1 | 300 | 32 | 11.4 |
| • | 300 | 500 | 81 | 40.4 |
| • | 500 | 600 | 66 | 63.9 |
| • | 600 | 700 | 40 | 78.2 |
| • | 700 | 900 | 48 | 95.4 |
| • | 900 | 1634 | 10 | 98.9 |
| • | 1634 | 2000 | 3 | 100 |

1991 Samples
Manganese (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 10 | 165 | 28 | 11 |
| • | 165 | 478 | 36 | 25.1 |
| • | 478 | 665 | 65 | 50.6 |
| • | 665 | 841 | 64 | 75.7 |
| • | 841 | 1031 | 36 | 89.8 |
| • | 1031 | 1196 | 12 | 94.5 |
| • | 1196 | 1718 | 11 | 98.8 |
| • | 1718 | 4135 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Mo

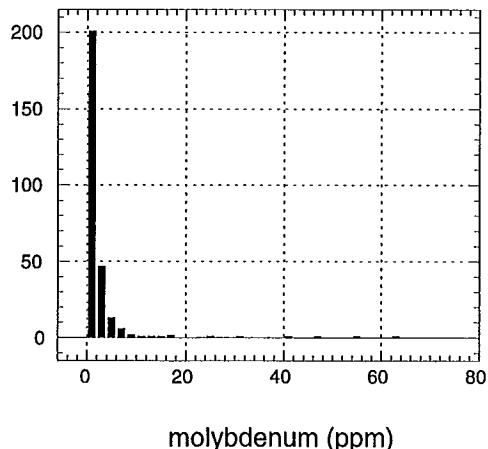
1990 Samples — Molybdenum

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 3.5
minimum: 0.5
maximum: 117
median: 2
mode: 0.5
standard deviation: 9.6

Frequency Histogram



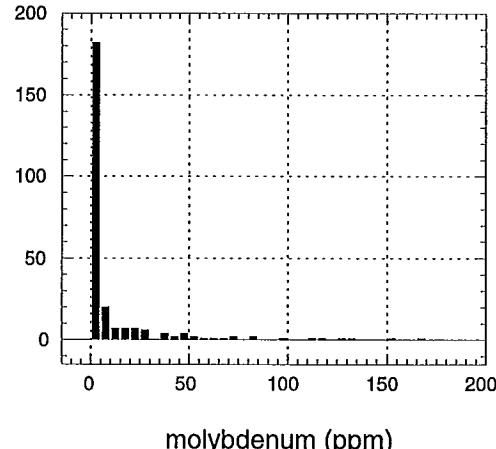
1991 Samples — Molybdenum

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

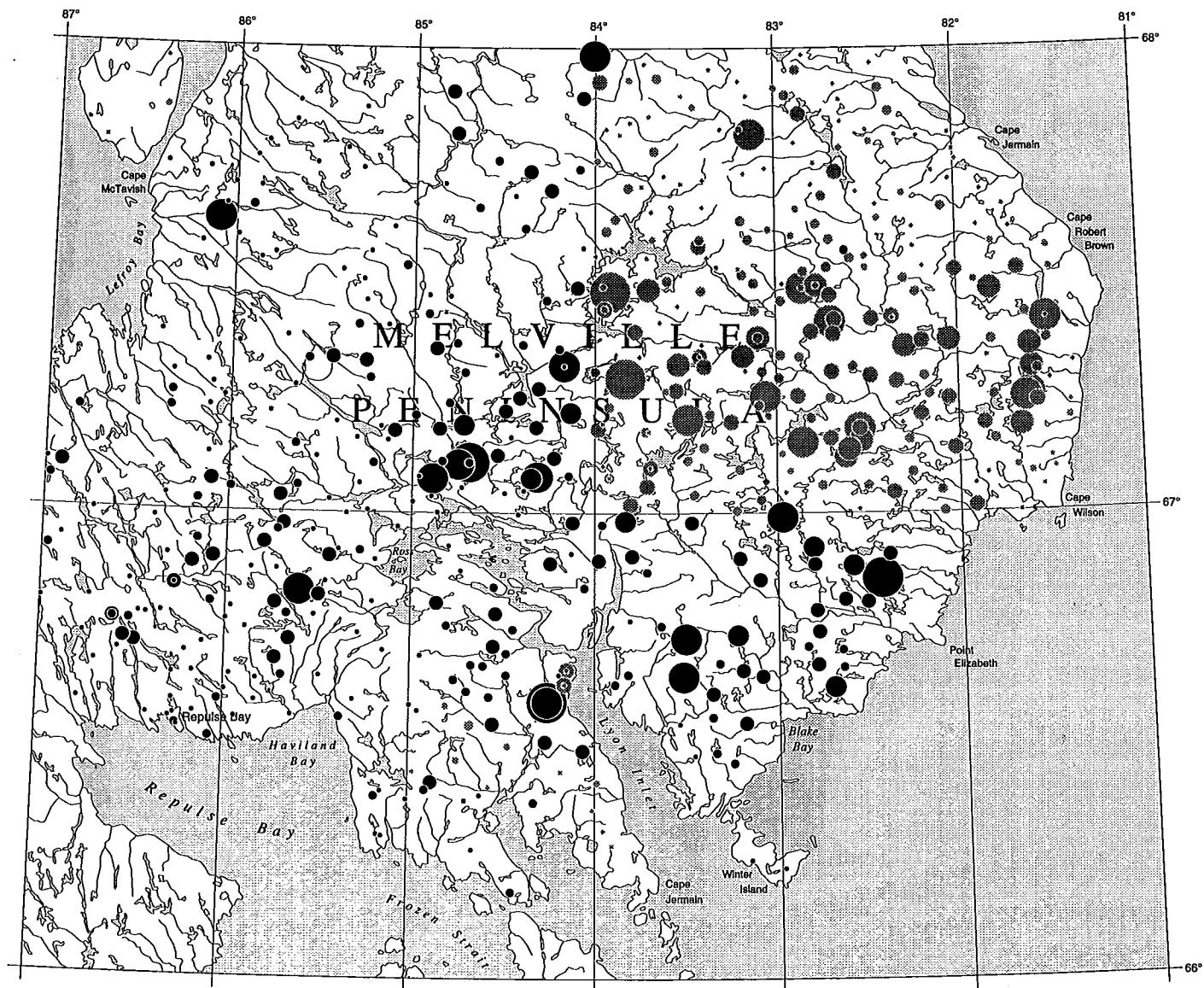
Summary Statistics

no. of observations: 255
mean: 11.4
minimum: 0.5
maximum: 166
median: 2
mode: 1
standard deviation: 24.9

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

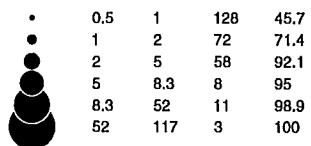
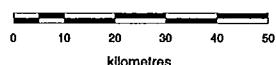


Mo

1990 Samples
Molybdenum (ppm)

<0.002mm fraction

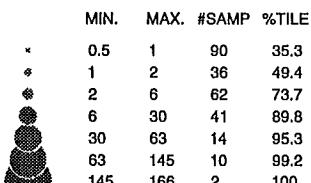
N = 280



1991 Samples
Molybdenum (ppm)

<0.002mm fraction

N = 255



Till Geochemistry of the South Melville Peninsula, N.W.T.

Na

1990 Samples — Sodium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

Summary Statistics

no. of observations: 280
mean: 0.61
minimum: 0.21
maximum: 2
median: 0.59
mode: 0.6
standard deviation: 0.23

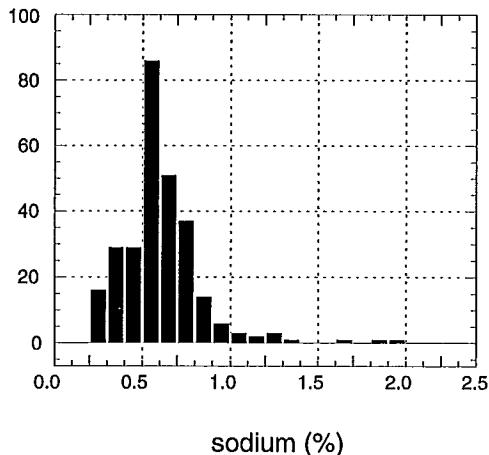
1991 Samples — Sodium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

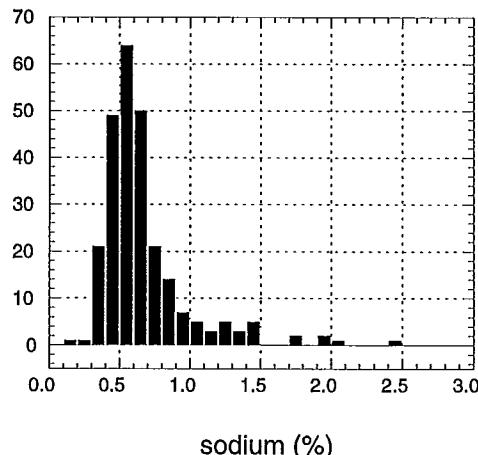
Summary Statistics

no. of observations: 255
mean: 0.67
minimum: 0.16
maximum: 2.42
median: 0.59
mode: 0.58
standard deviation: 0.31

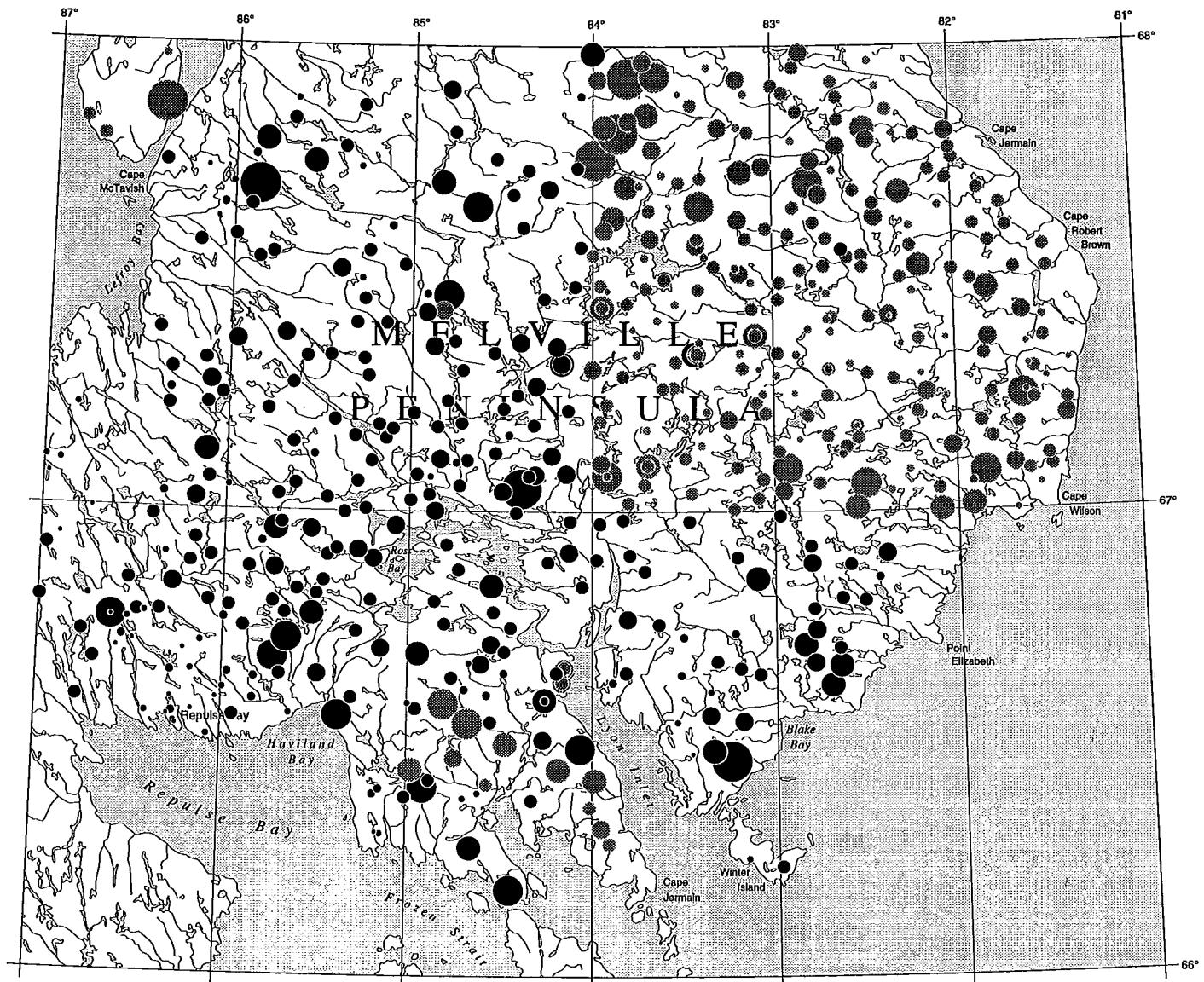
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



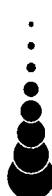
Na

1990 Samples
Sodium (%)

<0.002mm fraction

N = 280

0 10 20 30 40 50
kilometres



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| . | 0.21 | 0.3 | 16 | 5.7 |
| • | 0.3 | 0.4 | 29 | 16.1 |
| ● | 0.4 | 0.5 | 29 | 26.4 |
| ○ | 0.5 | 0.7 | 137 | 75.4 |
| ○ | 0.7 | 0.8 | 39 | 89.3 |
| ○ | 0.8 | 1 | 18 | 95.7 |
| ○ | 1 | 1.5 | 9 | 98.9 |
| ○ | 1.5 | 2 | 3 | 100 |

1991 Samples
Sodium (%)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| * | 0.16 | 0.3 | 2 | 0.8 |
| * | 0.3 | 0.4 | 21 | 9 |
| * | 0.4 | 0.5 | 49 | 28.2 |
| * | 0.5 | 0.7 | 114 | 72.9 |
| * | 0.7 | 0.9 | 36 | 87.1 |
| * | 0.9 | 1.3 | 19 | 94.5 |
| * | 1.3 | 1.9 | 10 | 98.4 |
| * | 1.9 | 2.42 | 4 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Ni

1990 Samples — Nickel

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

1991 Samples — Nickel

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

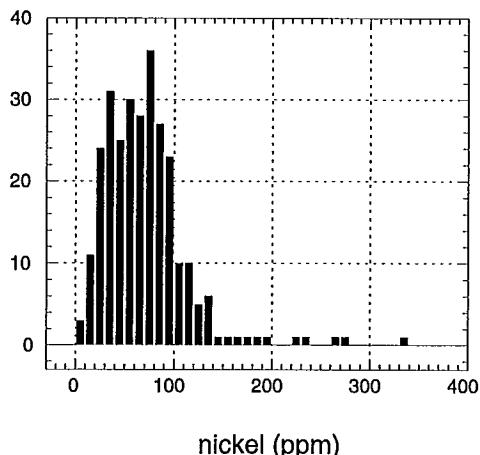
Summary Statistics

no. of observations: 280
mean: 70.7
minimum: 3
maximum: 334
median: 66
mode: 60
standard deviation: 42.6

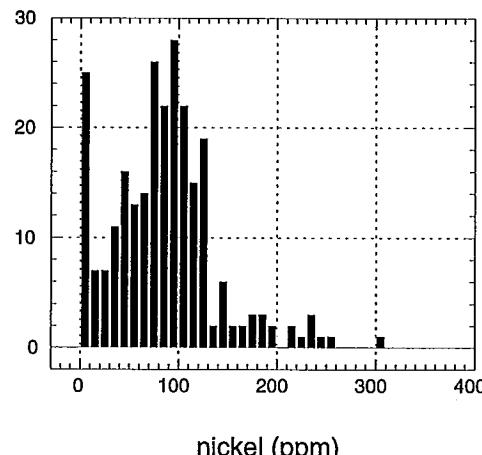
Summary Statistics

no. of observations: 255
mean: 85.9
minimum: 0.5
maximum: 570
median: 85
mode: 0.5
standard deviation: 60.7

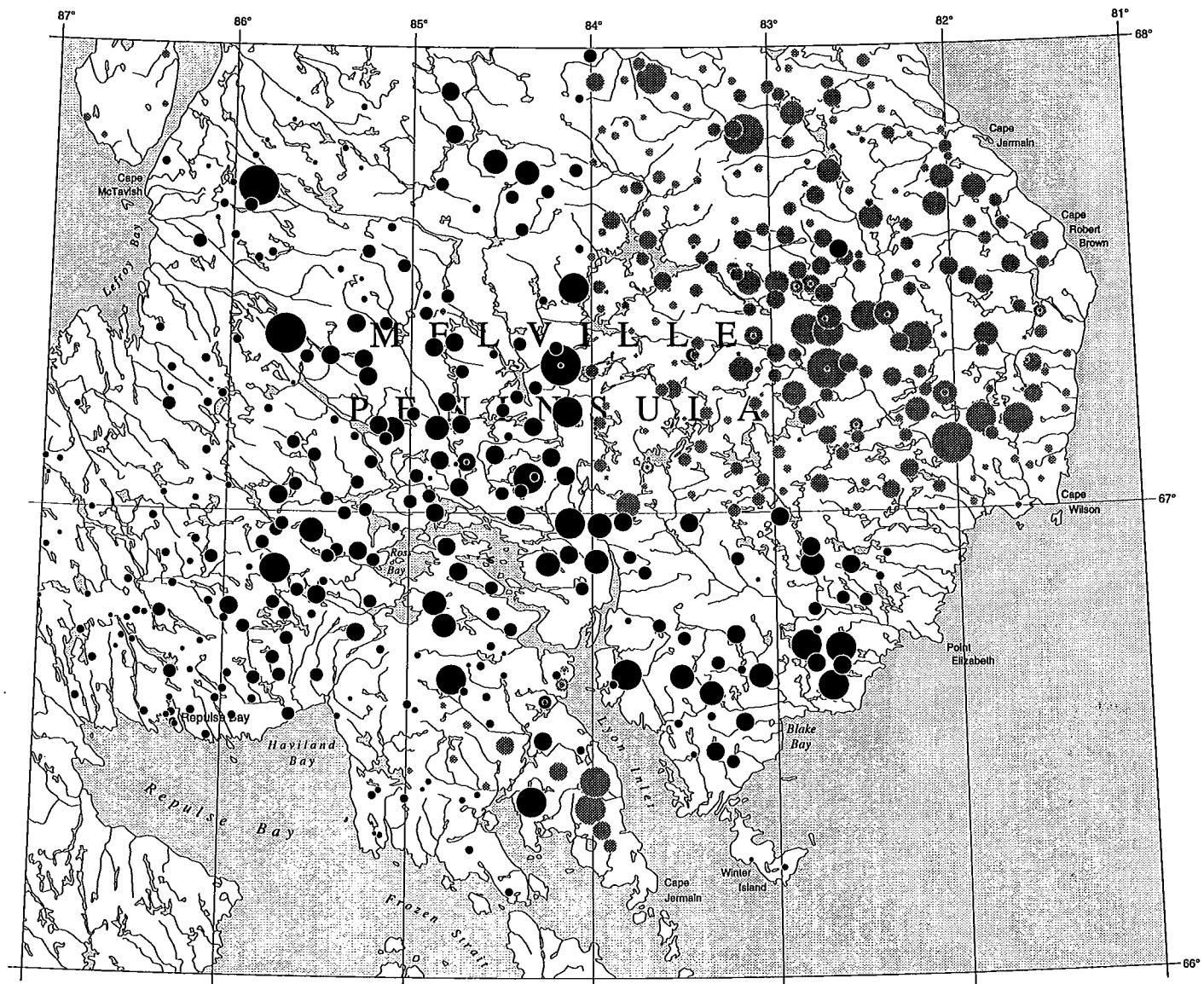
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

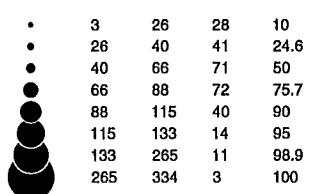
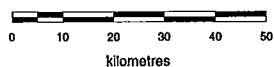


Ni

1990 Samples
Nickel (ppm)

<0.002mm fraction

N = 280



1991 Samples
Nickel (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 0.5 | 12 | 26 | 10.2 |
| • | 12 | 45 | 32 | 22.7 |
| • | 45 | 83 | 64 | 47.8 |
| • | 83 | 109 | 67 | 74.1 |
| • | 109 | 138 | 37 | 88.6 |
| • | 138 | 182 | 16 | 94.9 |
| • | 182 | 254 | 10 | 98.8 |
| • | 254 | 570 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Pb

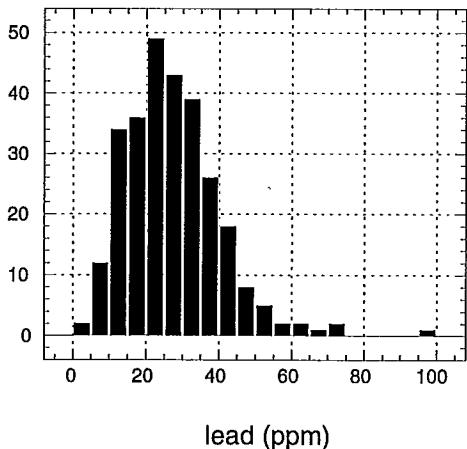
1990 Samples — Lead

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 2 ppm

Summary Statistics

no. of observations: 280
mean: 27.8
minimum: 4
maximum: 100
median: 26
mode: 22
standard deviation: 12.9

Frequency Histogram



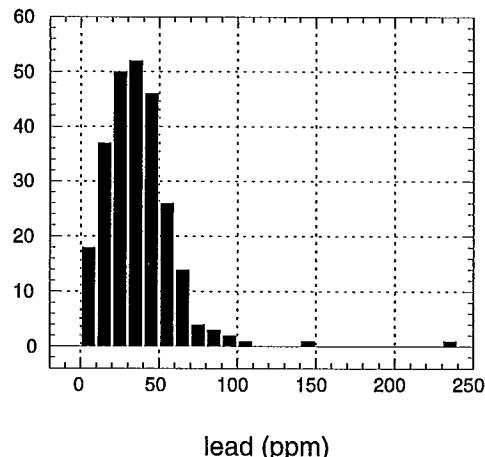
1991 Samples — Lead

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 2 ppm

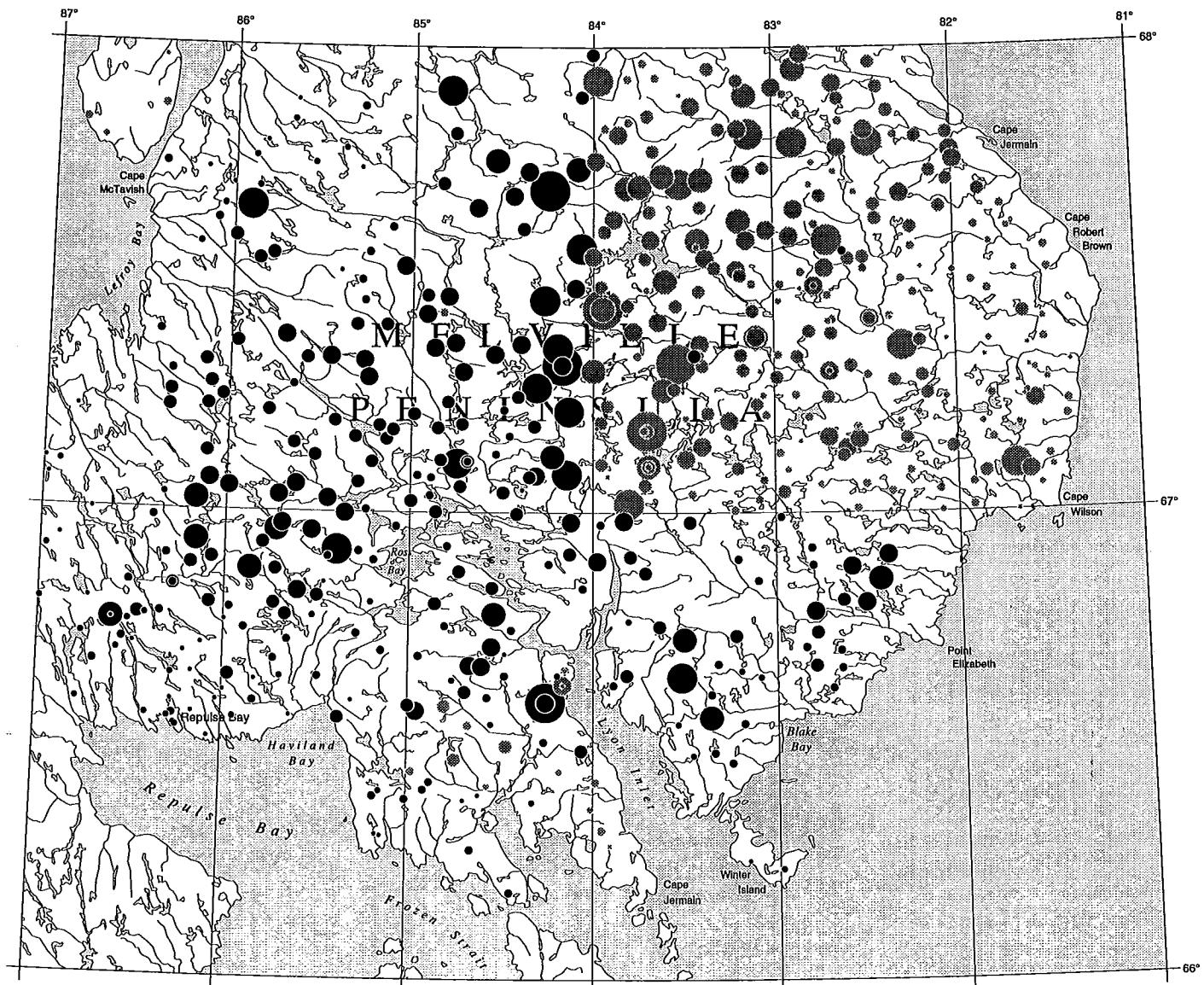
Summary Statistics

no. of observations: 255
mean: 37.1
minimum: 1
maximum: 238
median: 36
mode: 26
standard deviation: 24

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

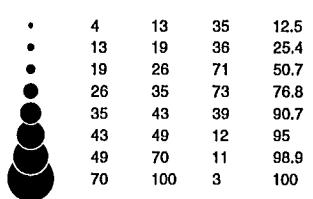
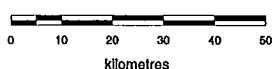


Pb

1990 Samples
Lead (ppm)

<0.002mm fraction

N = 280



1991 Samples
Lead (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 1 | 12 | 23 | 9 |
| • | 12 | 22 | 38 | 23.9 |
| ● | 22 | 34 | 61 | 47.8 |
| ● | 34 | 46 | 68 | 74.5 |
| ● | 46 | 60 | 39 | 89.8 |
| ● | 60 | 70 | 14 | 95.3 |
| ● | 70 | 103 | 9 | 98.8 |
| ● | 103 | 238 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Sc

1990 Samples — Scandium

NOT
ANALYZED

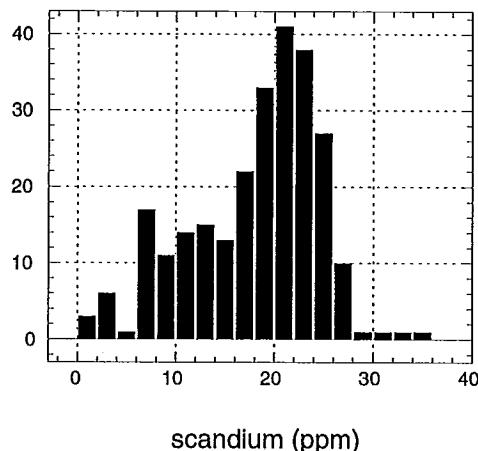
1991 Samples — Scandium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

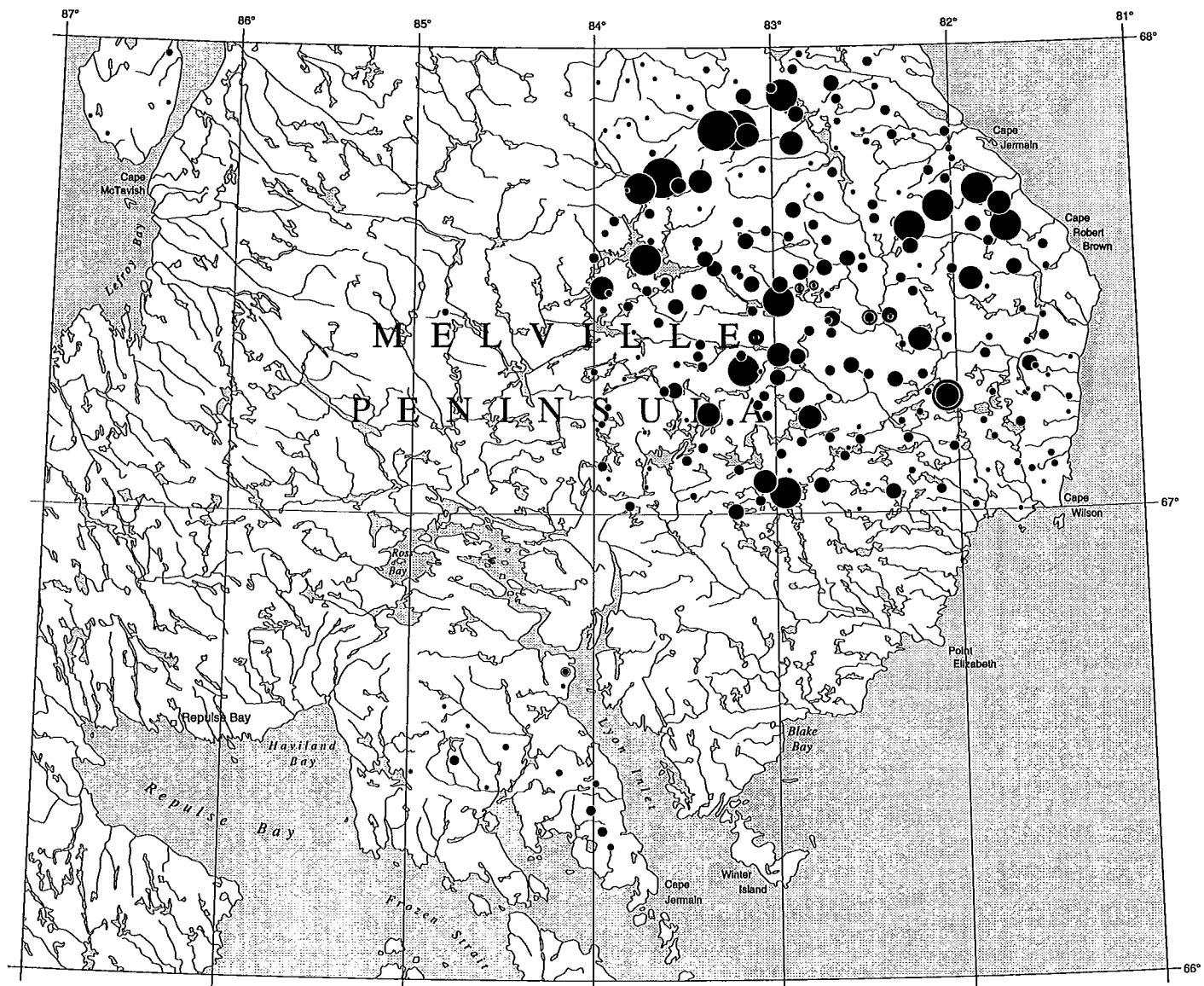
Summary Statistics

no. of observations: 255
mean: 18.3
minimum: 2
maximum: 35
median: 20
mode: 22
standard deviation: 6.6

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

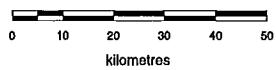


Sc

1990 Samples
Scandium (ppm)

<0.002mm fraction

N = 280



NOT ANALYZED

1991 Samples
Scandium (ppm)

<0.002mm fraction

N = 255

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| • | 2 | 13 | 25.1 |
| • | 13 | 19 | 47.8 |
| • | 19 | 23 | 77.3 |
| • | 23 | 25 | 89.8 |
| • | 25 | 26 | 94.5 |
| • | 26 | 30 | 98.8 |
| • | 30 | 35 | 100 |



Till Geochemistry of the South Melville Peninsula, N.W.T.

Sn

1990 Samples — Tin

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 20 ppm

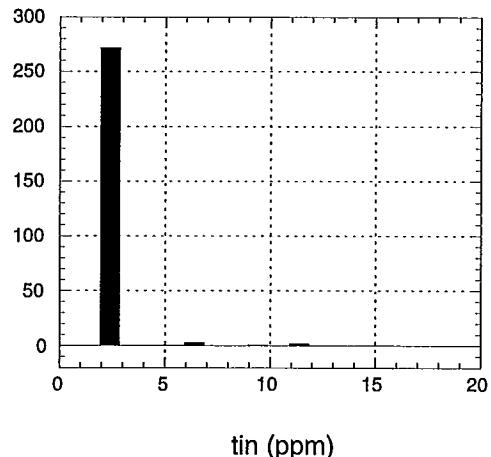
Summary Statistics

no. of observations: 280
mean: 20
minimum: 10
maximum: 2000
median: 10
mode: 10
standard deviation: 119.2

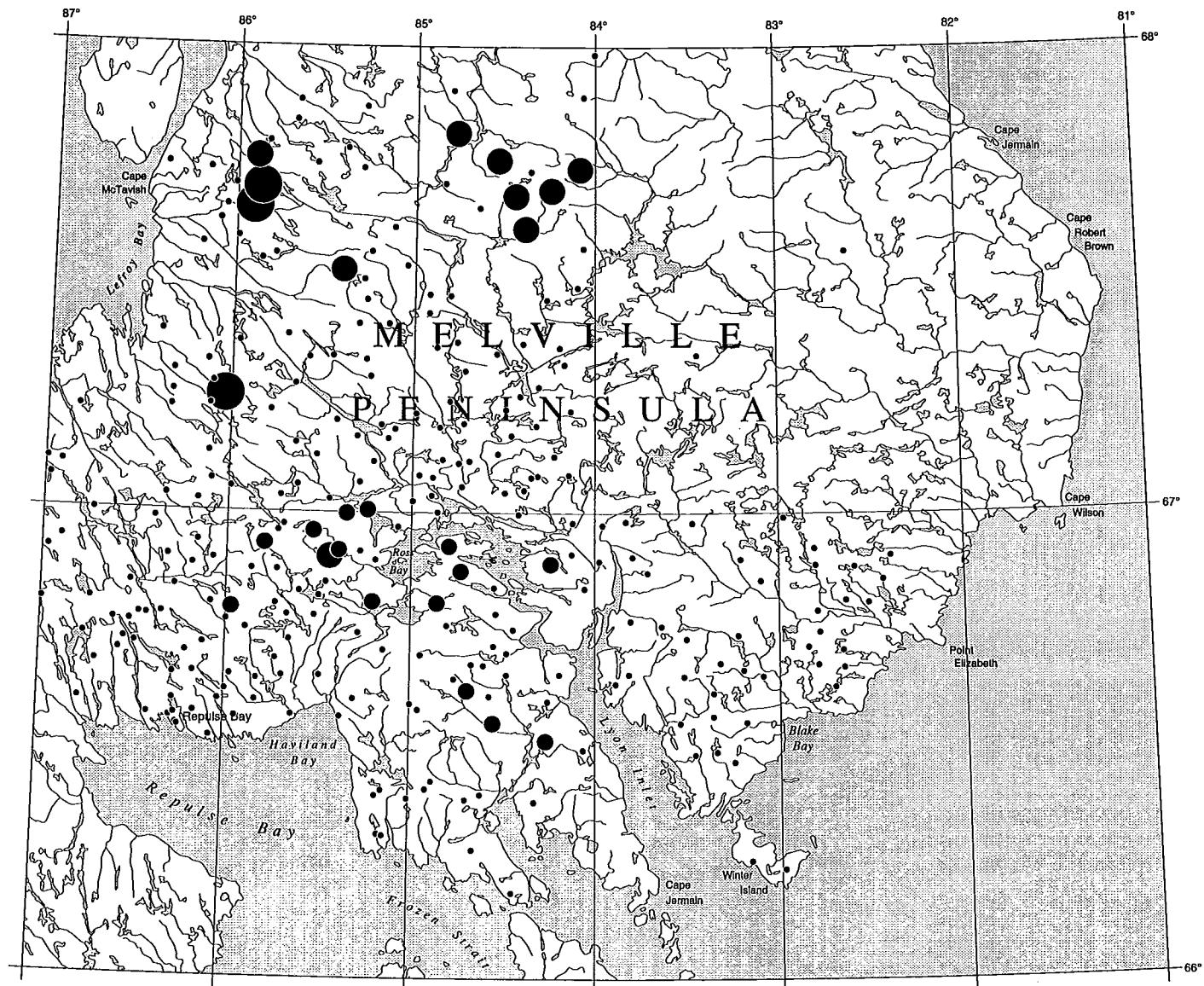
1991 Samples — Tin

NOT
ANALYZED

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



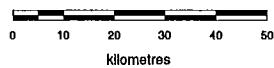
Sn

1990 Samples

Tin (ppm)

<0.002mm fraction

N = 280



| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 10 | 21 | 254 | 90.7 |
| 21 | 24 | 14 | 95.7 |
| 24 | 125 | 9 | 98.9 |
| 125 | 2000 | 3 | 100 |

1991 Samples

Tin (ppm)

<0.002mm fraction

N = 255

NOT ANALYZED

Till Geochemistry of the South Melville Peninsula, N.W.T.

Sr

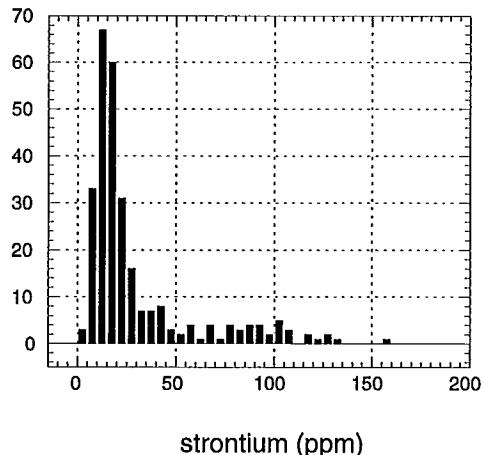
1990 Samples — Strontium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 30.6
minimum: 4
maximum: 252
median: 18
mode: 18
standard deviation: 31.9

Frequency Histogram



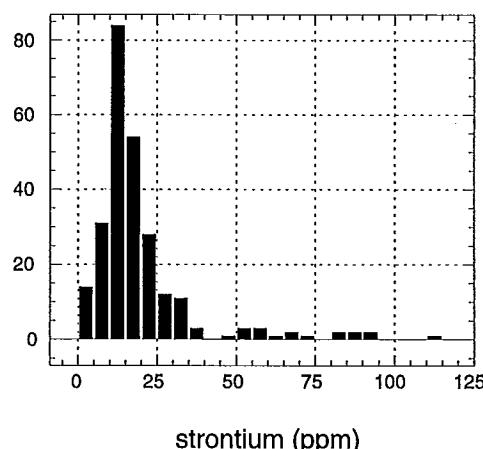
1991 Samples — Strontium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

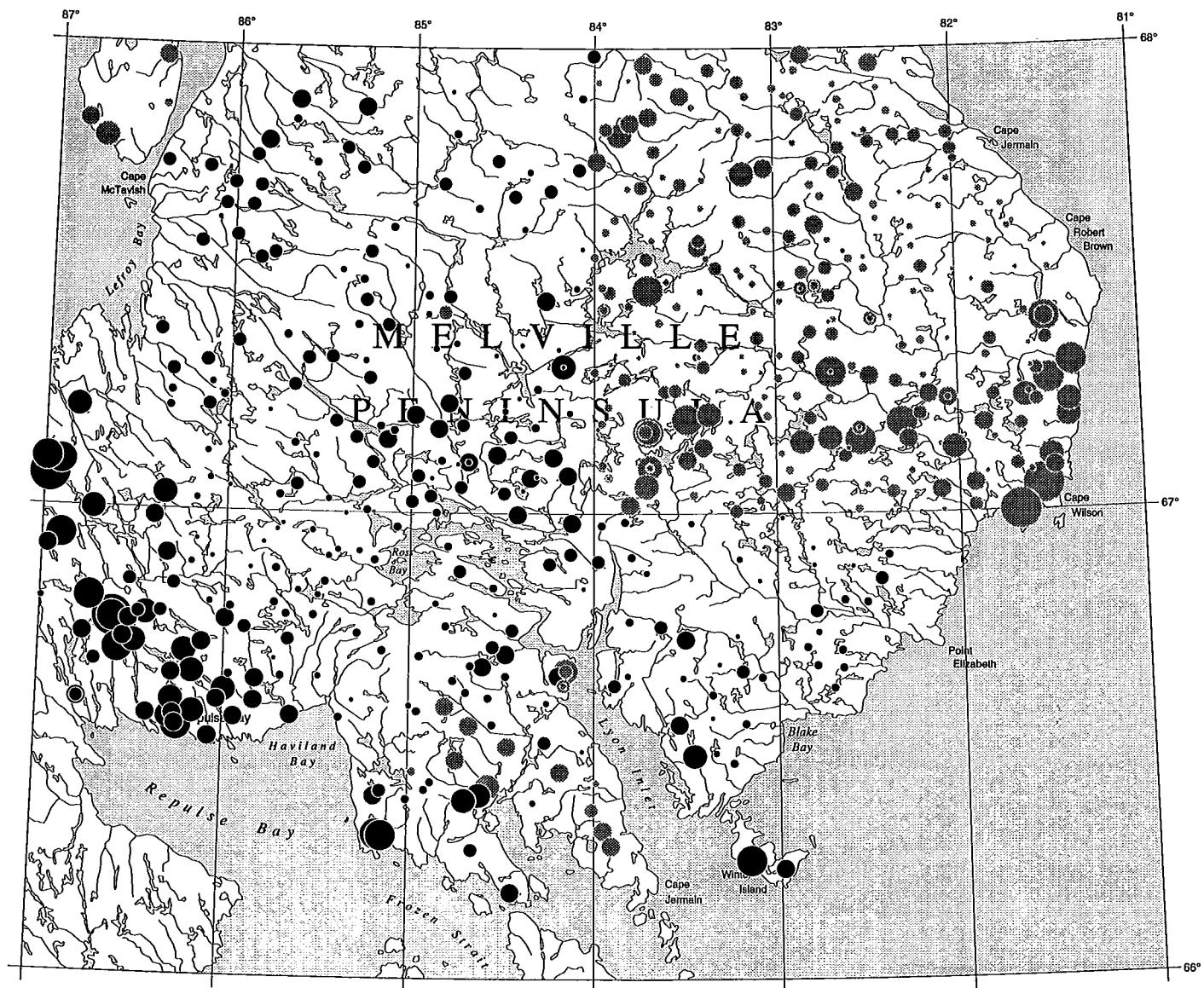
Summary Statistics

no. of observations: 255
mean: 19.9
minimum: 0.5
maximum: 115
median: 16
mode: 12
standard deviation: 16.6

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

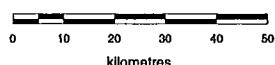


Sr

1990 Samples
Strontium (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 4 | 10 | 36 | 12.9 |
| • | 10 | 13 | 39 | 26.8 |
| • | 13 | 18 | 67 | 50.7 |
| • | 18 | 30 | 68 | 75 |
| • | 30 | 81 | 43 | 90.4 |
| • | 81 | 103 | 15 | 95.7 |
| • | 103 | 149 | 10 | 99.3 |
| • | 149 | 252 | 2 | 100 |

1991 Samples
Strontium (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 0.5 | 8 | 28 | 11 |
| • | 8 | 12 | 55 | 32.5 |
| • | 12 | 15 | 46 | 50.6 |
| • | 15 | 22 | 66 | 76.5 |
| • | 22 | 32 | 33 | 89.4 |
| • | 32 | 58 | 16 | 95.7 |
| • | 58 | 91 | 9 | 99.2 |
| • | 91 | 115 | 2 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Ta

1990 Samples — Tantalum

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 10 ppm

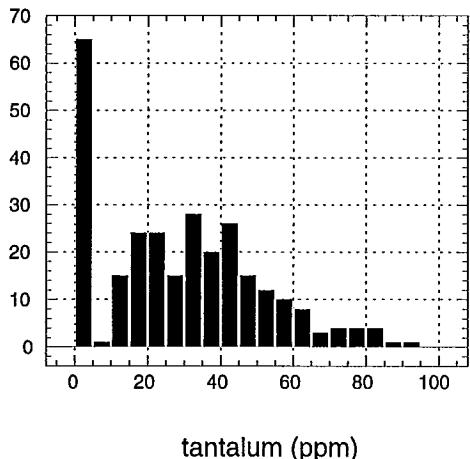
Summary Statistics

no. of observations: 280
mean: 29.8
minimum: 2.5
maximum: 93
median: 29
mode: 2.5
standard deviation: 21.6

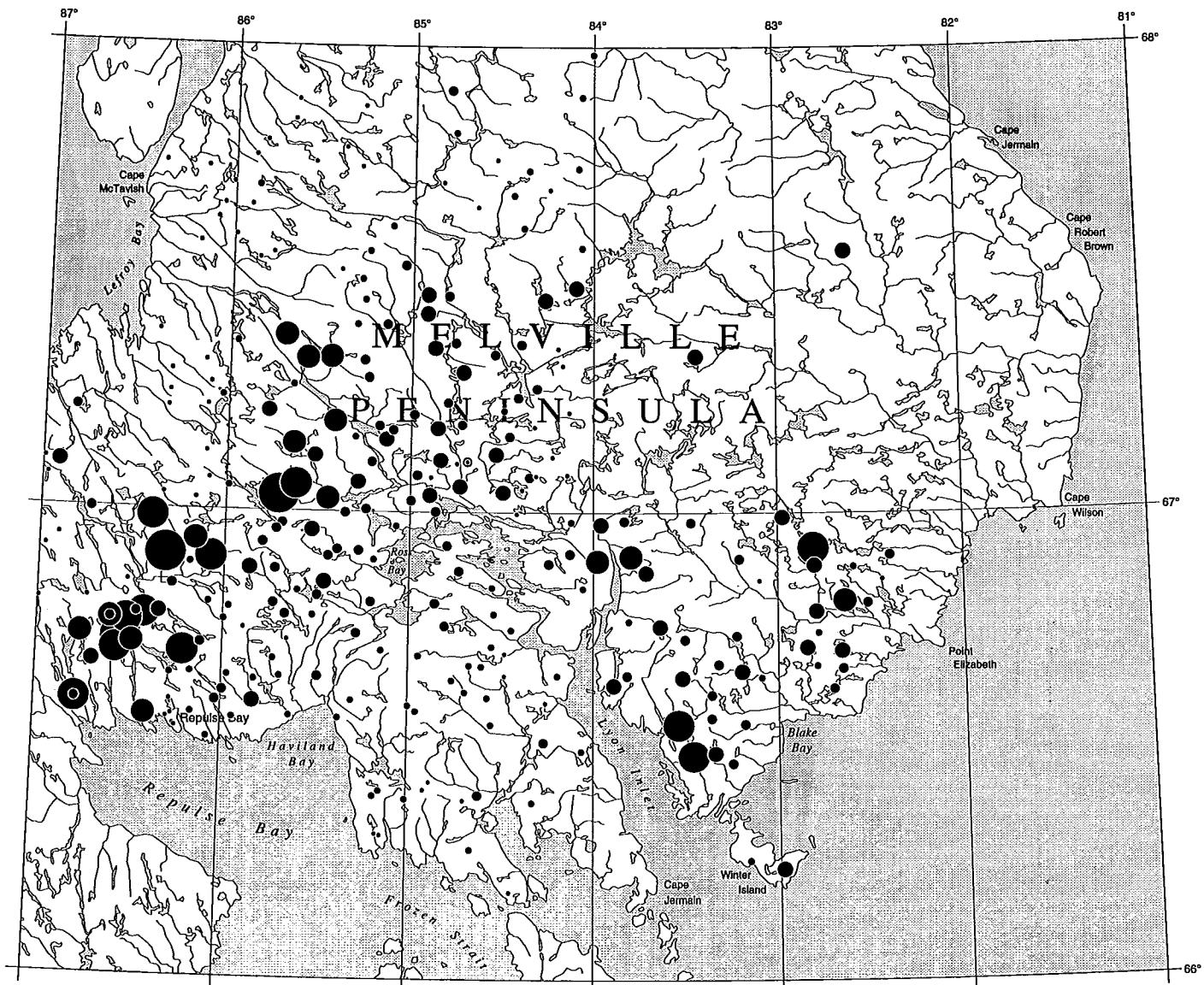
1991 Samples — Tantalum

NOT
ANALYZED

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



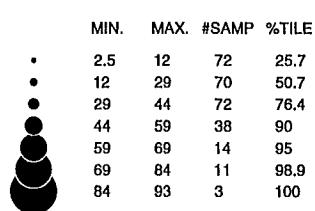
Ta

1990 Samples
Tantalum (ppm)

<0.002mm fraction

N = 280

0 10 20 30 40 50
kilometres



1991 Samples
Tantalum (ppm)

<0.002mm fraction

N = 255

NOT ANALYZED

Till Geochemistry of the South Melville Peninsula, N.W.T.

Te

1990 Samples — Tellurium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 10 ppm

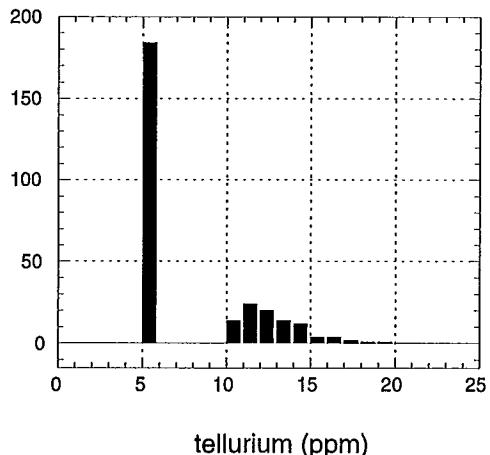
Summary Statistics

no. of observations: 280
mean: 7.5
minimum: 5
maximum: 19
median: 5
mode: 5
standard deviation: 3.7

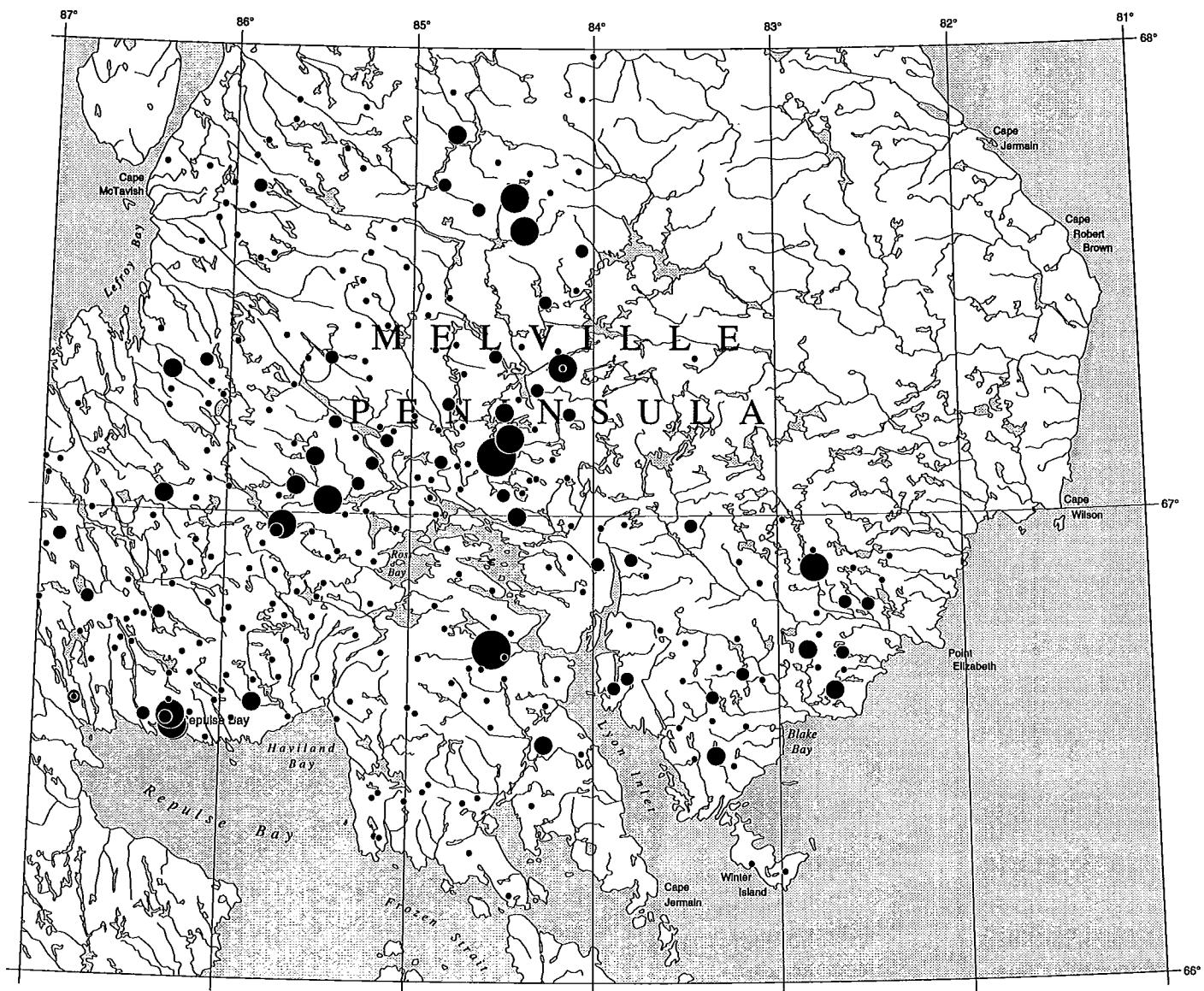
1991 Samples — Tellurium

NOT
ANALYZED

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

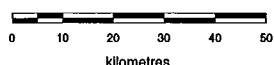


Te

1990 Samples
Tellurium (ppm)

<0.002mm fraction

N = 280



| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 5 | 11 | 222 | 79.3 |
| 11 | 13 | 34 | 91.4 |
| 13 | 14 | 12 | 95.7 |
| 14 | 17 | 10 | 99.3 |
| 17 | 19 | 2 | 100 |

1991 Samples
Tellurium (ppm)

<0.002mm fraction

N = 255

NOT ANALYZED

Till Geochemistry of the South Melville Peninsula, N.W.T.

Ti

1990 Samples — Titanium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.001%

1991 Samples — Titanium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 0.01%

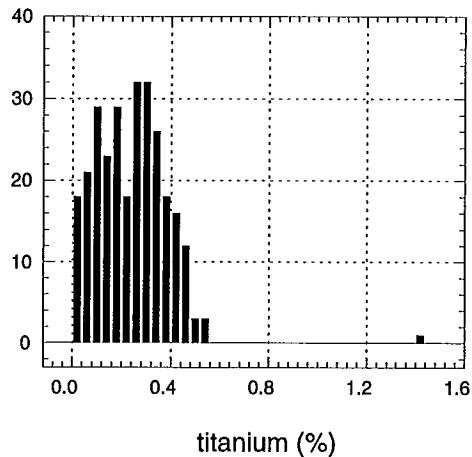
Summary Statistics

no. of observations: 280
mean: 0.24
minimum: 0.005
maximum: 1.44
median: 0.25
mode: 0.32
standard deviation: 0.15

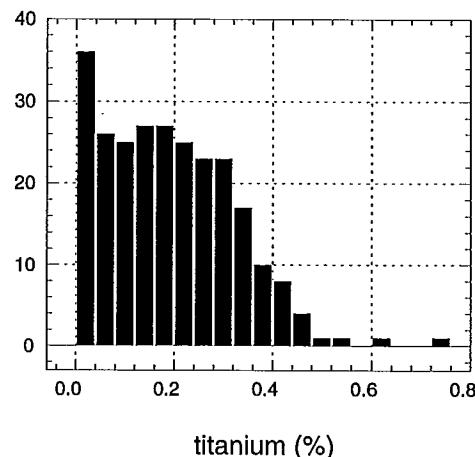
Summary Statistics

no. of observations: 255
mean: 0.20
minimum: 0.01
maximum: 0.73
median: 0.18
mode: 0.24
standard deviation: 0.13

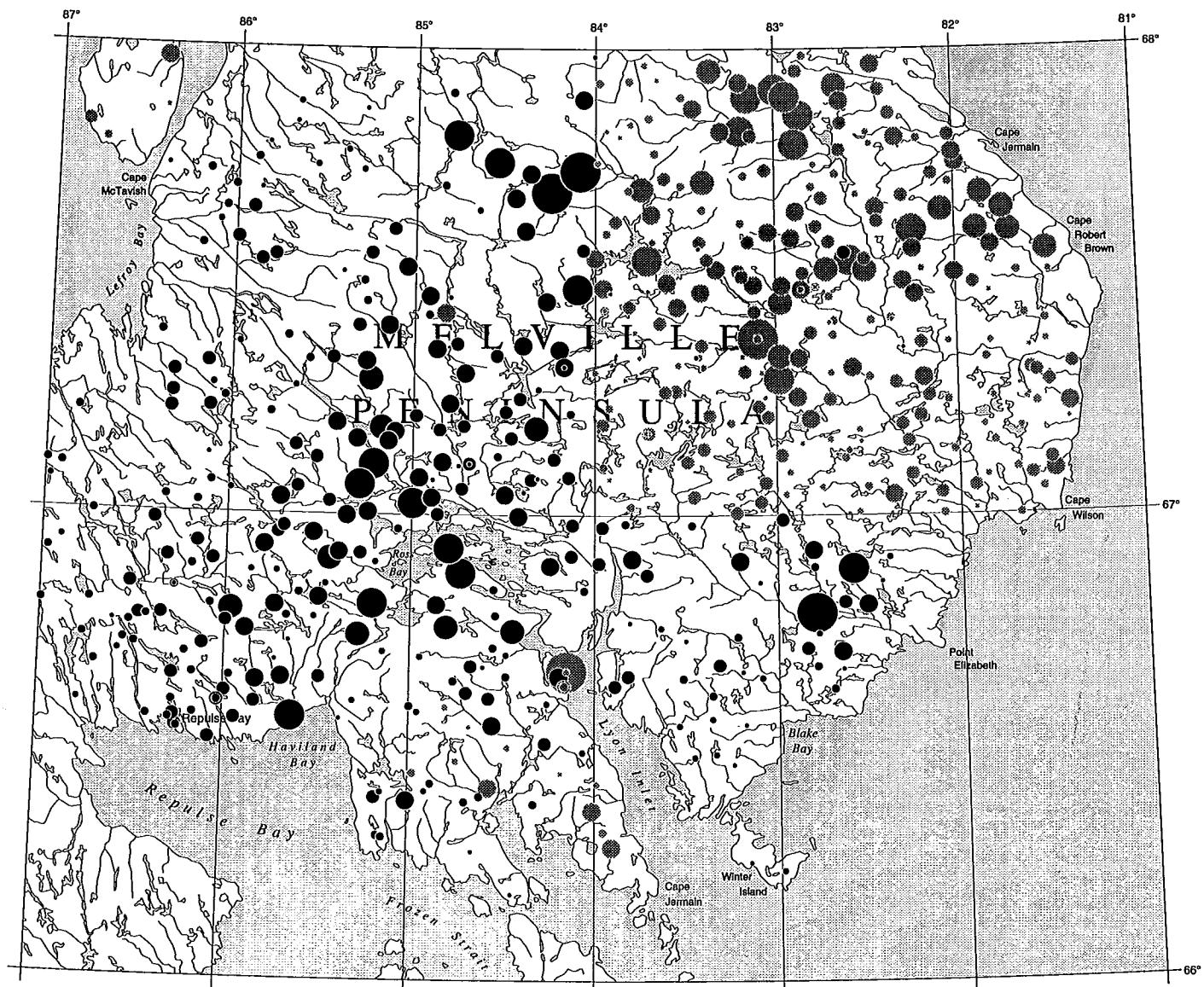
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



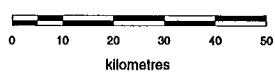
Ti

1990 Samples

Titanium (%)

<0.002mm fraction

N = 280



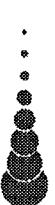
| | MIN. | MAX. | #SAMP | %TILE |
|---|-------|------|-------|-------|
| • | 0.005 | 0.07 | 33 | 11.8 |
| • | 0.07 | 0.13 | 39 | 25.7 |
| • | 0.13 | 0.25 | 71 | 51.1 |
| ● | 0.25 | 0.34 | 70 | 76.1 |
| ● | 0.34 | 0.41 | 45 | 92.1 |
| ● | 0.41 | 0.44 | 8 | 95 |
| ● | 0.44 | 0.53 | 11 | 98.9 |
| ● | 0.53 | 1.44 | 3 | 100 |

1991 Samples

Titanium (%)

<0.002mm fraction

N = 255



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| • | 0.01 | 0.04 | 36 | 14.1 |
| • | 0.04 | 0.1 | 36 | 28.2 |
| • | 0.1 | 0.18 | 55 | 49.8 |
| ● | 0.18 | 0.28 | 62 | 74.1 |
| ● | 0.28 | 0.36 | 40 | 89.8 |
| ● | 0.36 | 0.41 | 14 | 95.3 |
| ● | 0.41 | 0.52 | 10 | 99.2 |
| ● | 0.52 | 0.73 | 2 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Tl

1990 Samples — Thallium

NOT
ANALYZED

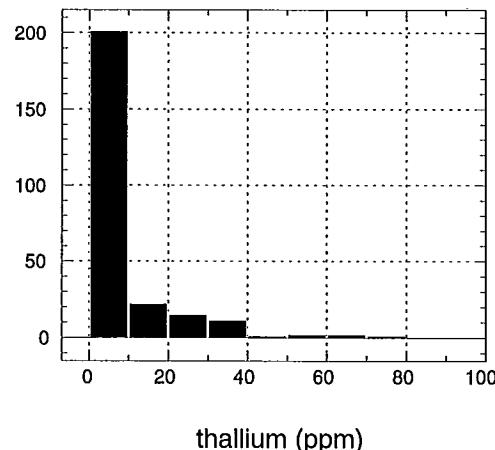
1991 Samples — Thallium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 10 ppm

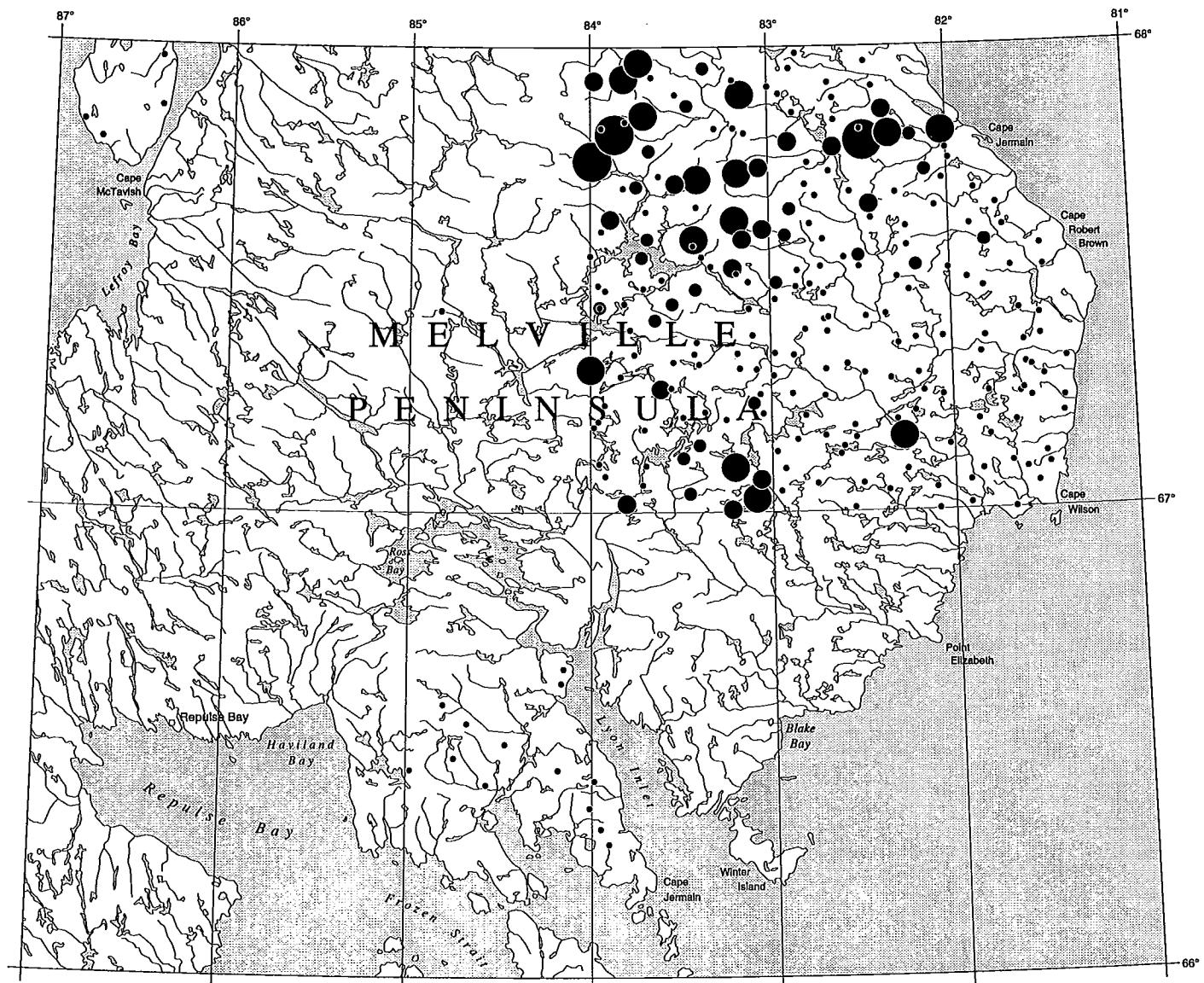
Summary Statistics

no. of observations: 255
mean: 11.3
minimum: 5
maximum: 80
median: 5
mode: 5
standard deviation: 12.5

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

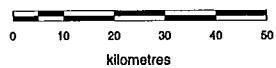


T1

1990 Samples
Thallium (ppm)

<0.002mm fraction

N = 280



NOT ANALYZED

1991 Samples
Thallium (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|--|------|------|-------|-------|
| | 5 | 10 | 201 | 78.8 |
| | 10 | 20 | 22 | 87.5 |
| | 20 | 30 | 15 | 93.3 |
| | 30 | 60 | 14 | 98.8 |
| | 60 | 80 | 3 | 100 |



Till Geochemistry of the South Melville Peninsula, N.W.T.

V

1990 Samples — Vanadium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 99.3
minimum: 25
maximum: 444
median: 105
mode: 114
standard deviation: 42.1

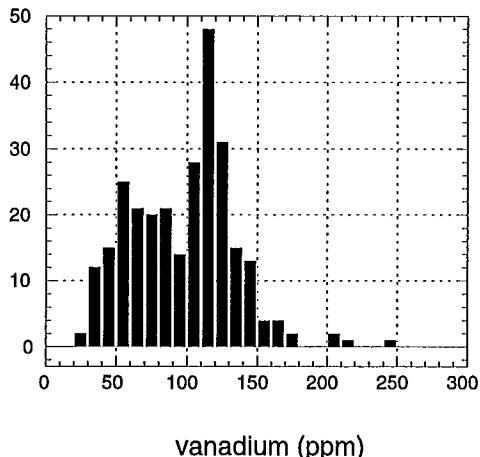
1991 Samples — Vanadium

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

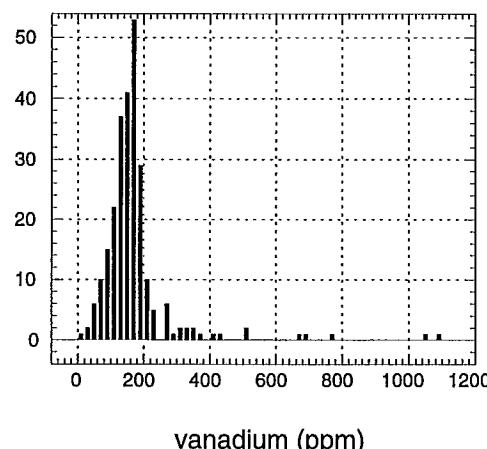
Summary Statistics

no. of observations: 255
mean: 176
minimum: 0.5
maximum: 1219
median: 153
mode: 164
standard deviation: 136.9

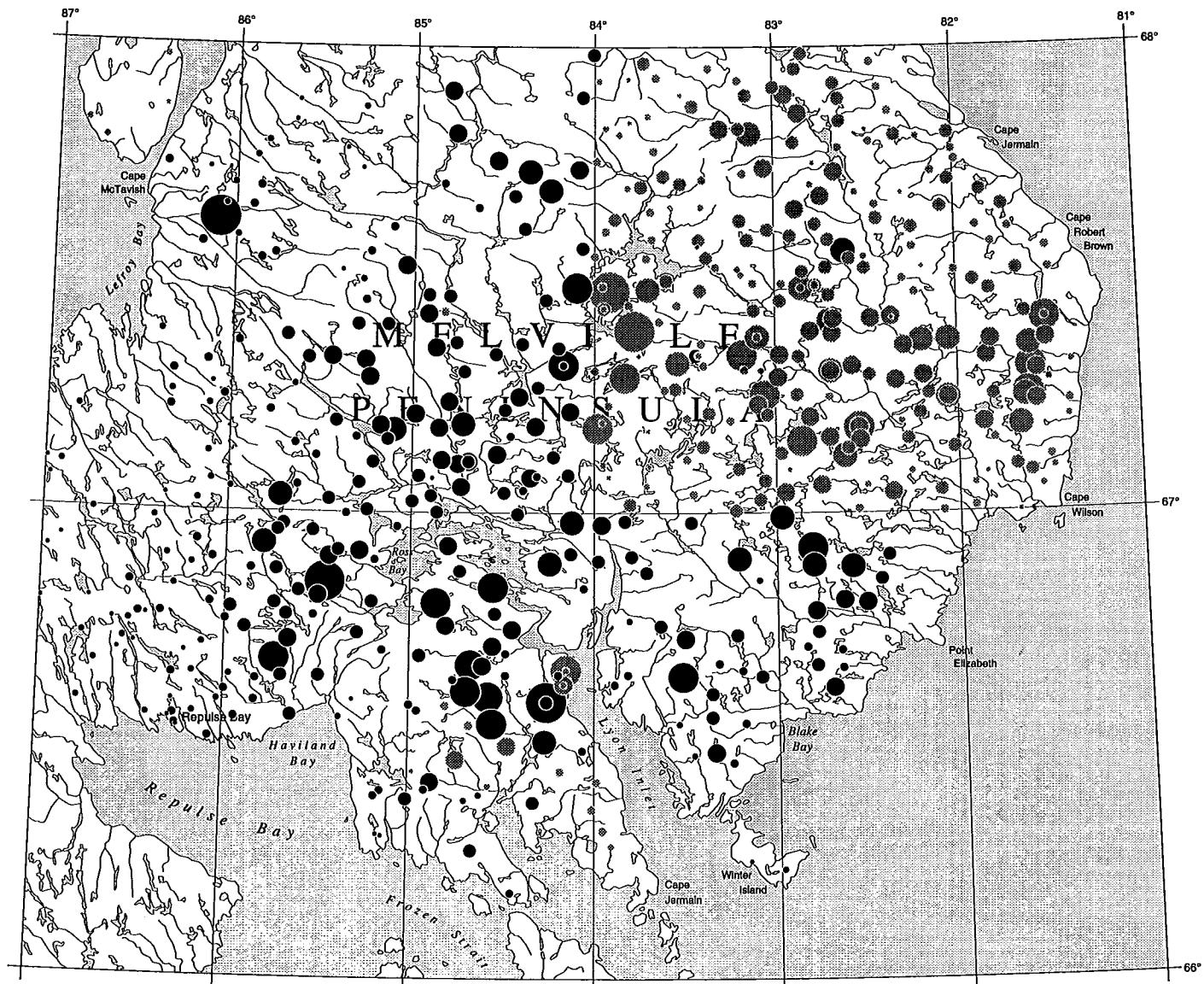
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



V

1990 Samples
Vanadium (ppm)

<0.002mm fraction

N = 280



| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| . | 25 | 49 | 29 | 10.4 |
| . | 49 | 68 | 42 | 25.4 |
| . | 68 | 105 | 69 | 50 |
| . | 105 | 121 | 72 | 75.7 |
| . | 121 | 140 | 40 | 90 |
| . | 140 | 152 | 14 | 95 |
| . | 152 | 212 | 11 | 98.9 |
| . | 212 | 444 | 3 | 100 |

1991 Samples
Vanadium (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| . | 0.5 | 85 | 21 | 8.2 |
| . | 85 | 120 | 35 | 22 |
| * | 120 | 152 | 67 | 48.2 |
| * | 152 | 181 | 68 | 74.9 |
| * | 181 | 233 | 38 | 89.8 |
| * | 233 | 346 | 14 | 95.3 |
| * | 346 | 1077 | 10 | 99.2 |
| * | 1077 | 1219 | 2 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

W

1990 Samples — Tungsten

NOT
ANALYZED

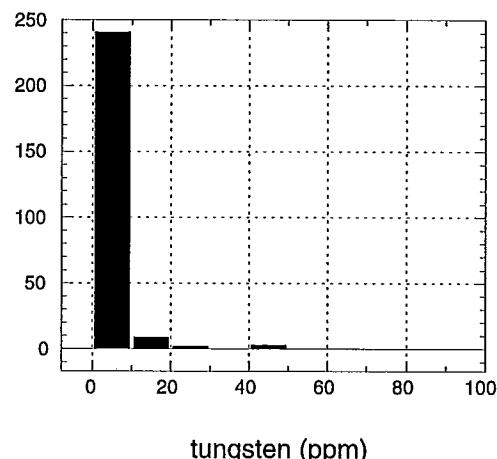
1991 Samples — Tungsten

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 10 ppm

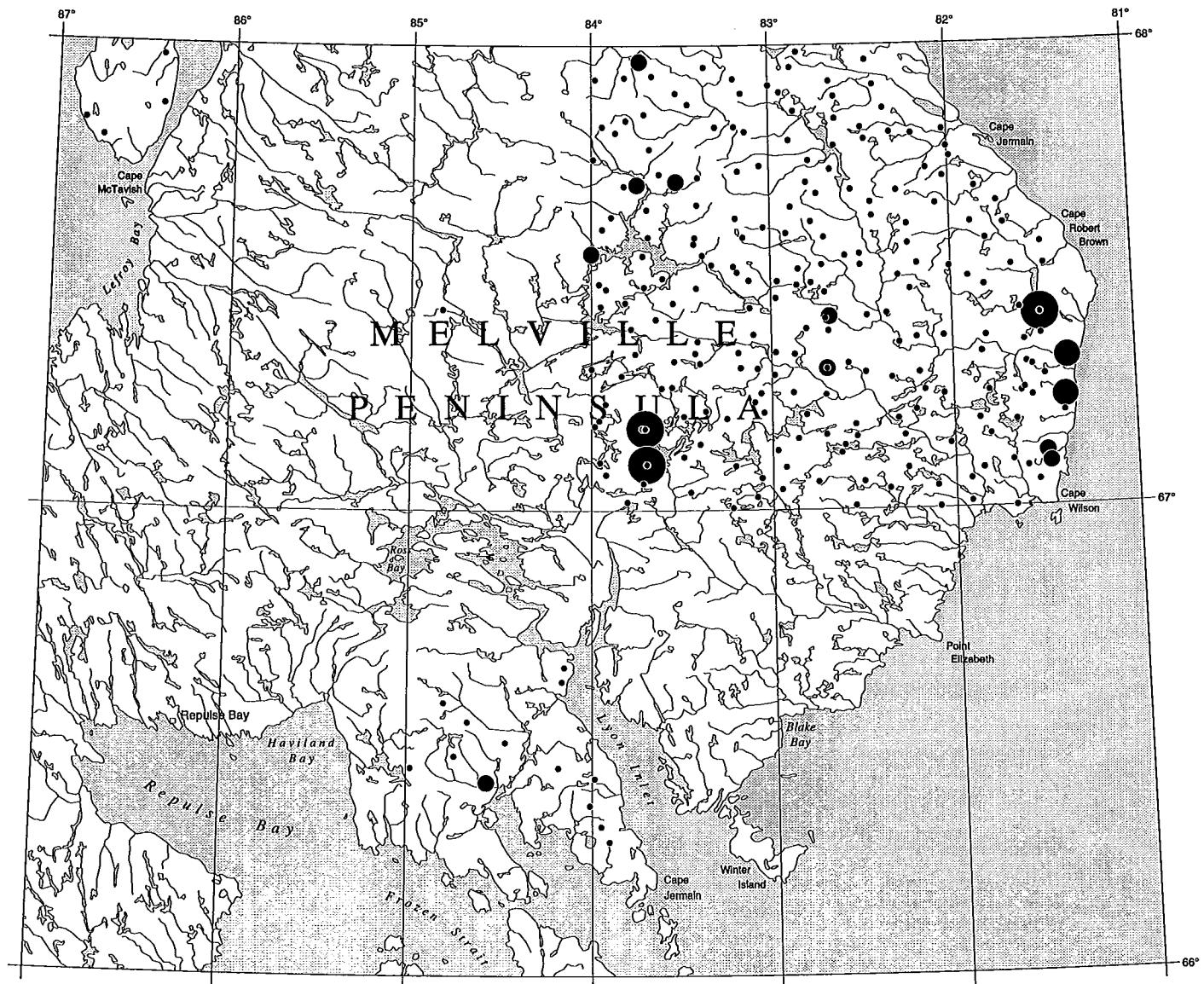
Summary Statistics

no. of observations: 255
mean: 7
minimum: 5
maximum: 50
median: 5
mode: 5
standard deviation: 6

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

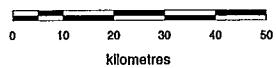


W

1990 Samples
Tungsten (ppm)

<0.002mm fraction

N = 280



NOT PLOTTED

1991 Samples
Tungsten (ppm)

<0.002mm fraction

N = 255

| MIN. | MAX. | #SAMP | %TILE |
|------|------|-------|-------|
| 5 | 10 | 241 | 94.5 |
| 10 | 20 | 9 | 98 |
| 20 | 42 | 2 | 98.8 |
| 42 | 50 | 3 | 100 |



Till Geochemistry of the South Melville Peninsula, N.W.T.

Y

1990 Samples — Yttrium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

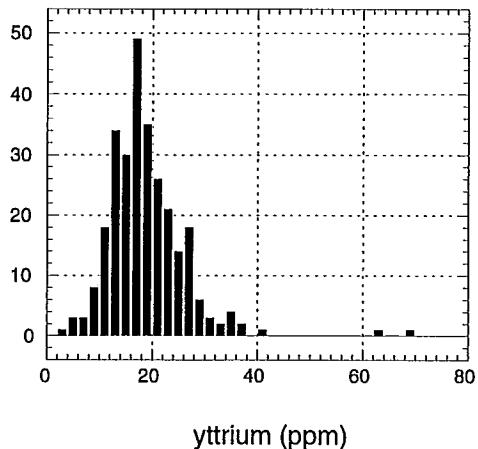
Summary Statistics

no. of observations: 280
mean: 19.4
minimum: 3
maximum: 69
median: 18
mode: 18
standard deviation: 7.4

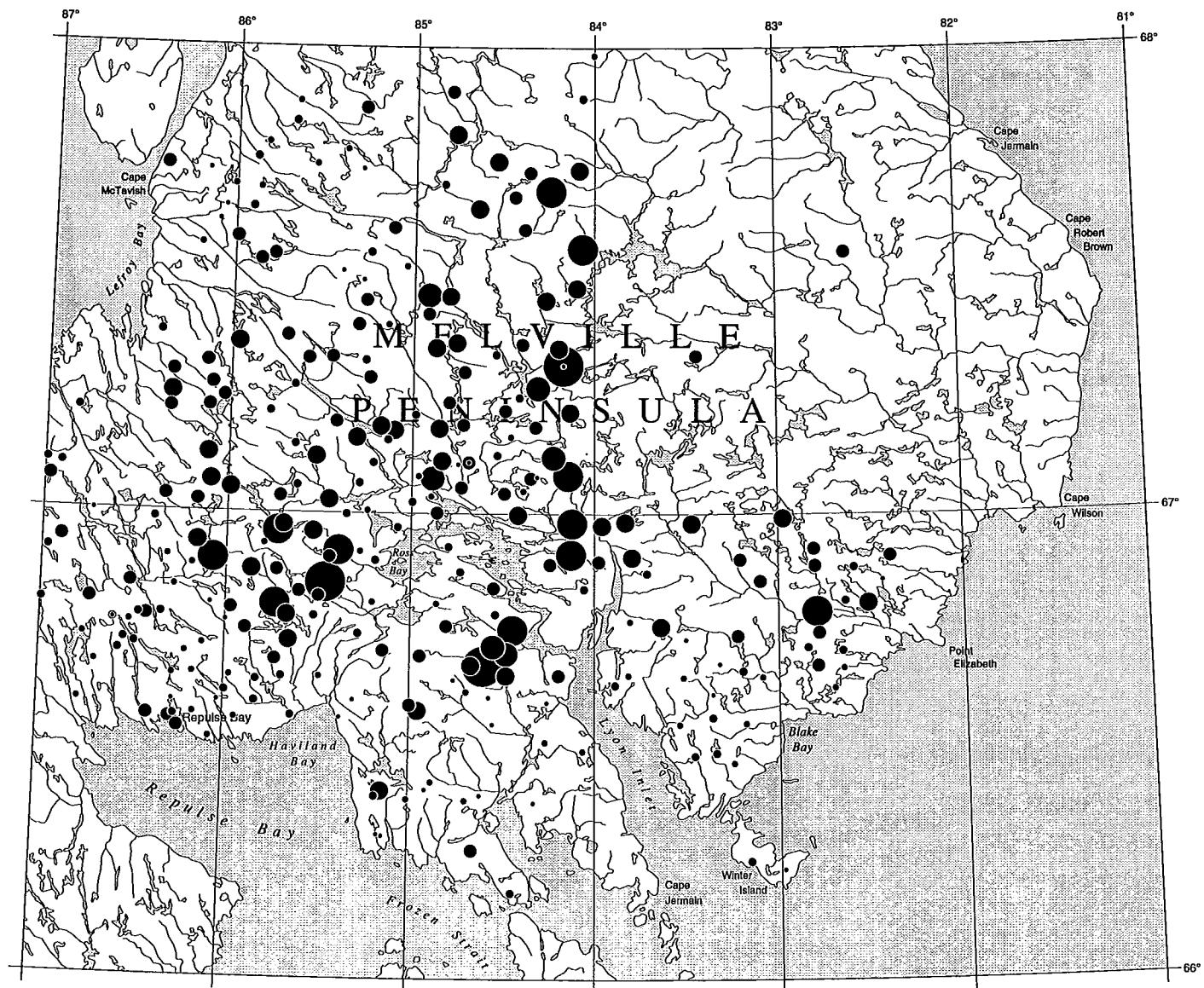
1991 Samples — Yttrium

**NOT
ANALYZED**

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.



Y

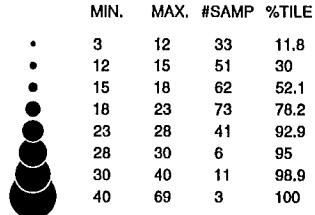
1990 Samples

Yttrium (ppm)

<0.002mm fraction

N = 280

0 10 20 30 40 50
kilometres



1991 Samples

Yttrium (ppm)

<0.002mm fraction

N = 255

NOT ANALYZED

Till Geochemistry of the South Melville Peninsula, N.W.T.

Zn

1990 Samples — Zinc

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

Summary Statistics

no. of observations: 280
mean: 146.5
minimum: 17
maximum: 530
median: 137
mode: 84
standard deviation: 81.1

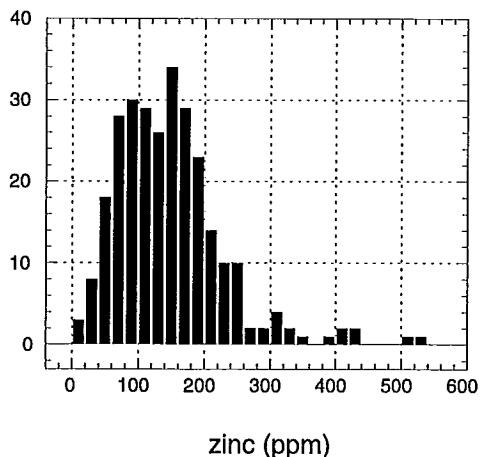
1991 Samples — Zinc

Laboratory: Chemex Labs, Mississauga
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 2 ppm

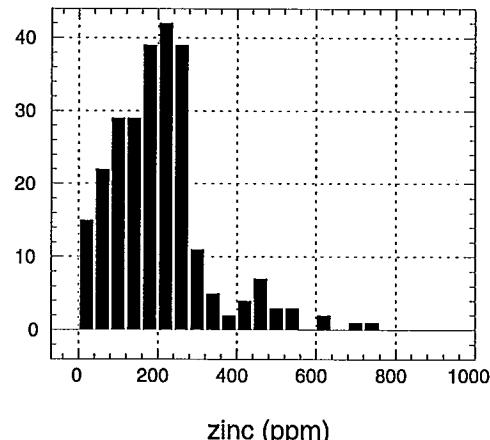
Summary Statistics

no. of observations: 255
mean: 208.2
minimum: 1
maximum: 1958
median: 193
mode: 206
standard deviation: 165.4

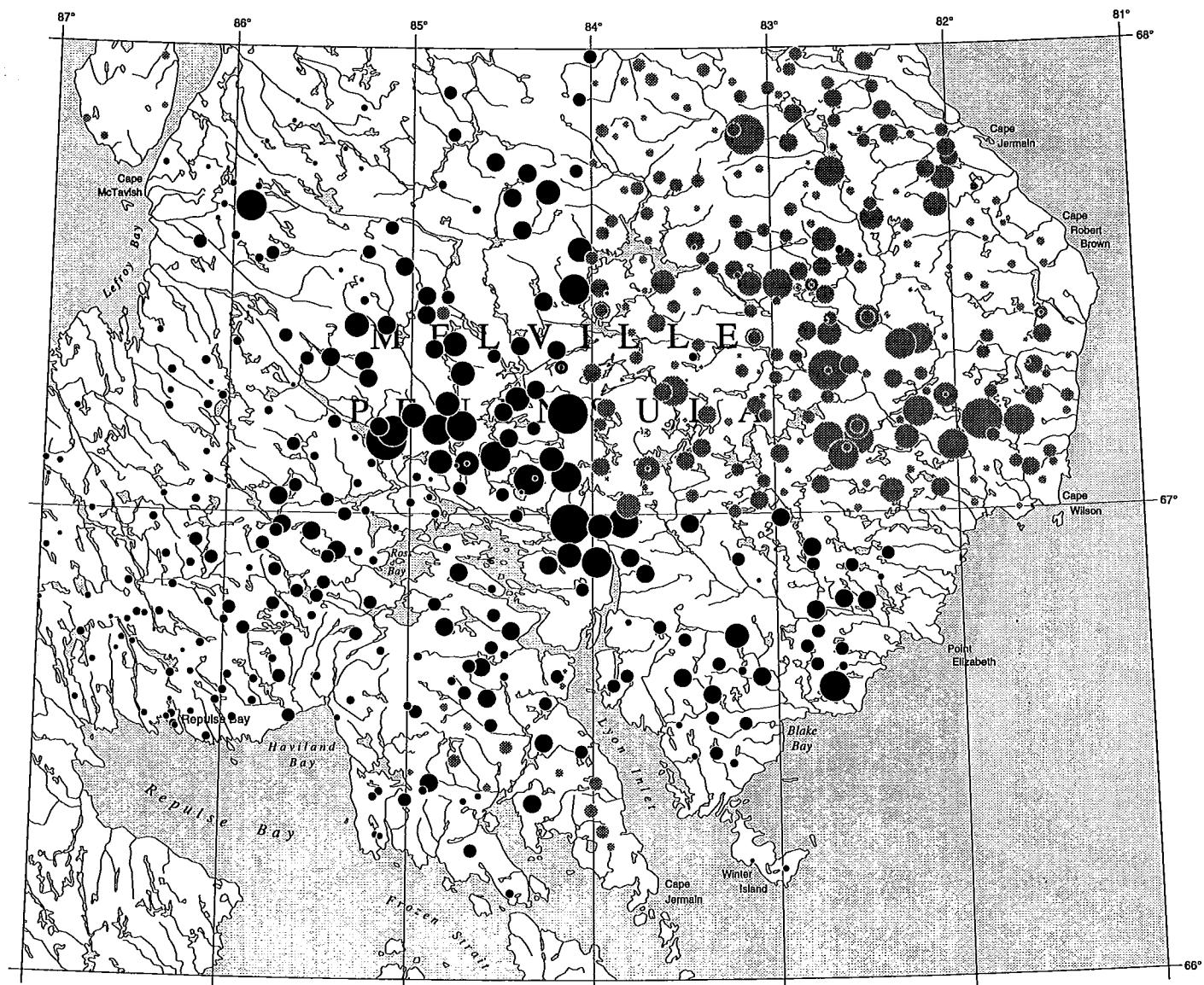
Frequency Histogram



Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

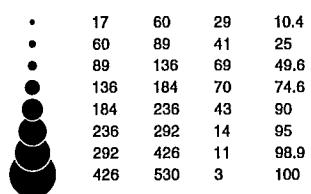
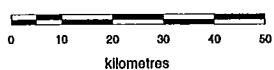


Zn

1990 Samples
Zinc (ppm)

<0.002mm fraction

N = 280



1991 Samples
Zinc (ppm)

<0.002mm fraction

N = 255

| | MIN. | MAX. | #SAMP | %TILE |
|---|------|------|-------|-------|
| * | 1 | 64 | 28 | 11 |
| * | 64 | 114 | 31 | 23.1 |
| * | 114 | 186 | 60 | 46.7 |
| ● | 186 | 250 | 69 | 73.7 |
| ● | 250 | 337 | 39 | 89 |
| ● | 337 | 464 | 14 | 94.5 |
| ● | 464 | 668 | 11 | 98.8 |
| ● | 668 | 1958 | 3 | 100 |

Till Geochemistry of the South Melville Peninsula, N.W.T.

Zr

1990 Samples — Zirconium

Laboratory: Bondar-Clegg, Ottawa
analytical method: ICP-AES
fraction: <0.002mm
detection limits: 1 ppm

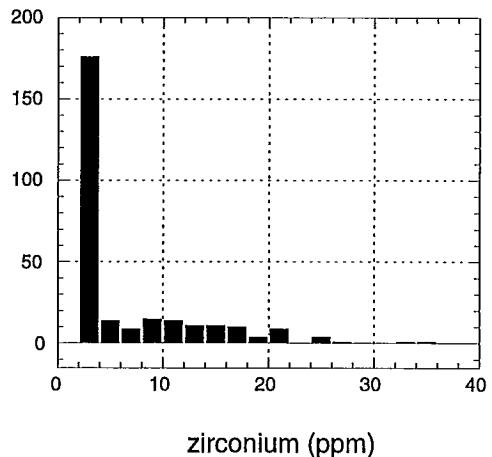
Summary Statistics

no. of observations: 280
mean: 6.6
minimum: 2.5
maximum: 35
median: 2.5
mode: 2.5
standard deviation: 6.6

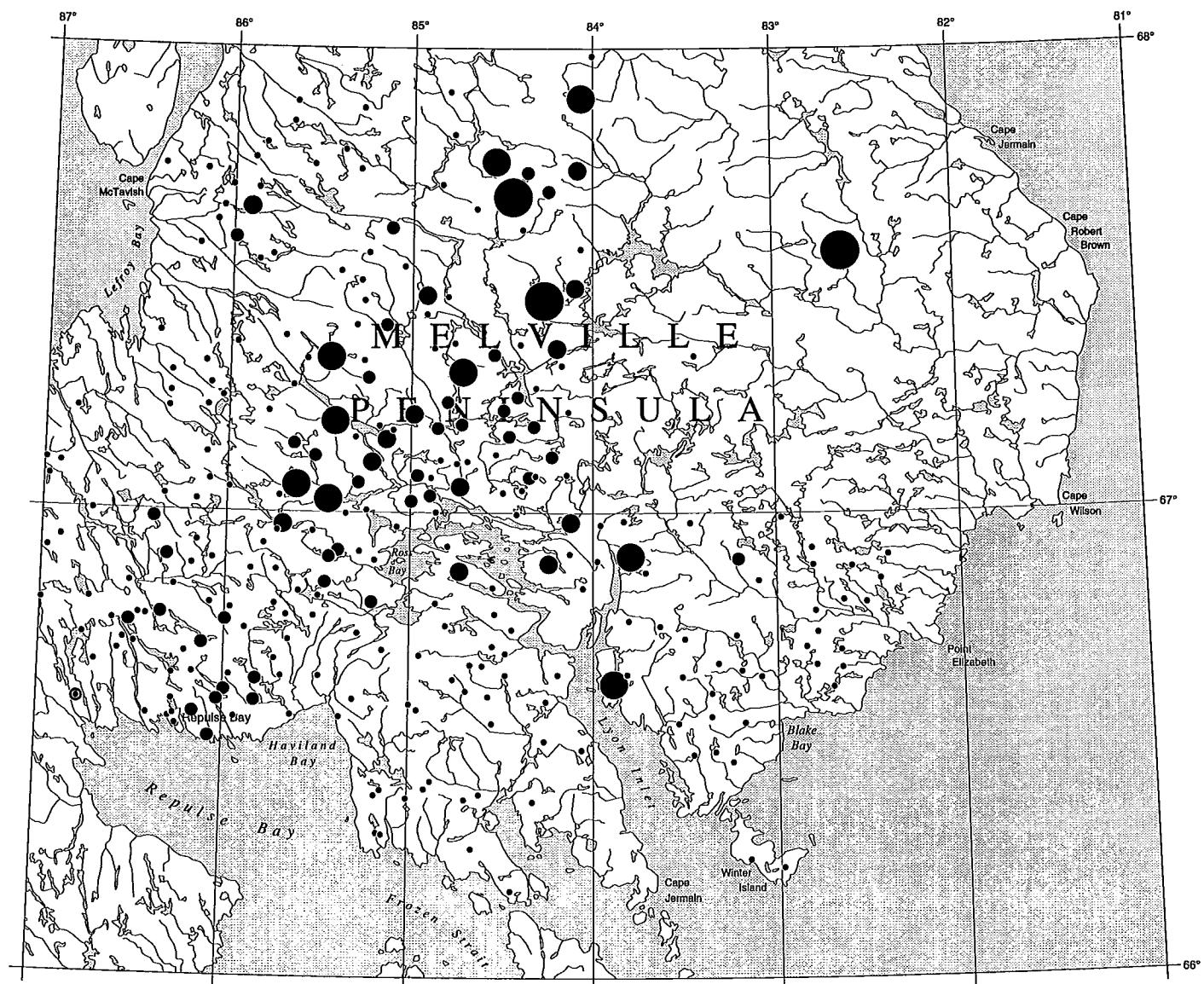
1991 Samples — Zirconium

NOT
ANALYZED

Frequency Histogram



Till Geochemistry of the South Melville Peninsula, N.W.T.

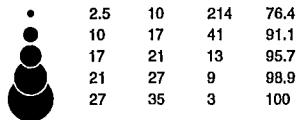


Zr

1990 Samples
Zirconium (ppm)

<0.002mm fraction

N = 280



1991 Samples
Zirconium (ppm)

<0.002mm fraction

N = 255

NOT ANALYZED