

GEOLOGICAL SURVEY OF CANADA

OPEN FILE 2593

**Regional till geochemistry, Manson River and
Fort Fraser area, British Columbia (93K, 93N),
silt plus clay and clay size fractions**

A. Plouffe, S.B. Ballantyne

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Title : Regional Till Geochemistry, Manson River and Fort Fraser area, British
Columbia (93 K and 93 N)
Silt plus clay (< 63µm) and clay (<2 µm) size fractions

Introduction

As part of the Canada British Columbia Mineral Development Agreement, the Geological Survey of Canada has initiated a regional till sampling program in central British Columbia. The objectives of this project are : (1) to test and develop drift prospecting methods in the plateau and mountainous regions of central British Columbia and (2) provide background concentrations in till for selected elements in an area of high potential for porphyry type mineralization.

The mapping of surficial sediments and the interpretation of the Pleistocene stratigraphy are fully integrated with this survey. It includes the reconstruction of the ice flow directions from air photo interpretation and field observations. Geological maps of surficial sediments are being completed and will be published in the near future.

The purpose of this preliminary report is to release in an easily interpretable format all of the till geochemical data available to date; that includes a total of 463 till samples collected during the 1990 and 1991 field seasons. A summary map of ice flow directions related to the last glaciation in the area, is included. It should assist in the interpretation of the geochemical data. Brief introductory notes are followed by geochemical data presented in a series of spreadsheets (Appendixes 1, 2 and 3) and geochemical maps (Appendixes 4, 5 and 6). Histograms were added to geochemical maps as a visual representation of the data range and skewness. These can also be used to define thresholds in order to differentiate background and anomalous samples.

Some of the data are provided as ASCII files on a computer diskette. The following table summarizes content of the four computer files :

2MICP&.TXT	Appendix 1. Geochemical results-clay size fraction (<2 µm) ICP-AES
63MICP&.TXT	Appendix 2. Geochemical results-silt plus clay size fraction (<63 µm) ICP-AES
63MINAA&.TXT	Appendix 3. Geochemical results-silt plus clay size fraction (<63 µm) INAA
LOCAT.TXT	Appendix 7. Sample location (spreadsheet only)

Location and access

The study area is located in central British Columbia and covers two 1 : 250 000 scale NTS map sheets (Fort Fraser and Manson River; 93 K and N respectively; Fig. 1). It extends from latitude 54° to 56° and from longitude 124° to 126°. This area has been selected because of its high potential for porphyry type mineralization (eg. Mount Milligan) and its thick drift cover which puts serious limitations on the use of conventional exploration methods.

Highway 16 crosses the southern part of the area and highway 27 connects Fort St. James with the main service centre of Vanderhoof. The rest of the area is characterized by a network of secondary and forestry roads which provide relatively complete access by truck.

Procedures

Field work

Till samples were collected from the C soil horizon or the transition zone between the B and the C horizons, from optimum sections found along roads and river banks. Where exposures were absent, pits were dug with a mattock and a shovel to a depth of about 1 m. If till exposures were greater than 2 m, samples were collected at different stratigraphic levels to assess depth compositional variability. The distance between road accessible sample sites varies between 2 to 5 km but is much greater (>10 km) in areas where access is limited.

To test the potential of till geochemistry to detect mineralization and to study metal partitioning in different size fractions of till, detailed sampling was completed near a number of known mineral occurrences. Such sampling was completed, south of Tezzeron

Lake in the Pinchi Lake Mine area (mercury mineralization), south of Chuchi Lake, and in the central part of NTS map sheet 93 N (porphyry Cu-Au mineralization).

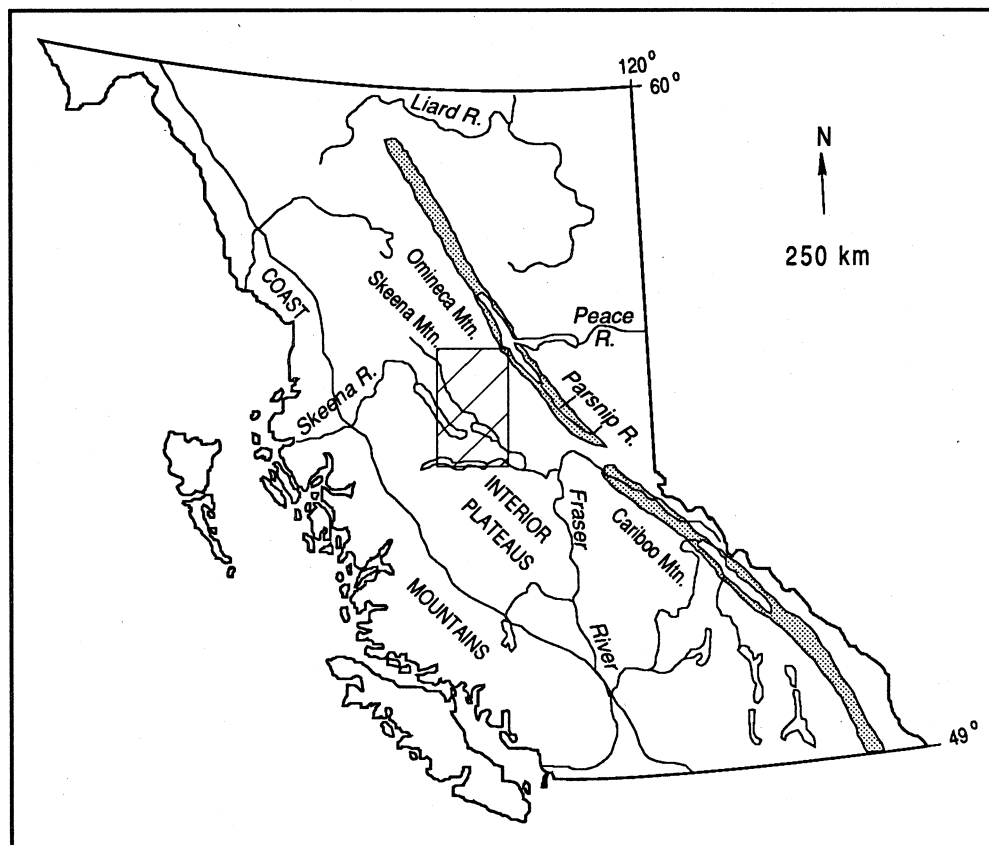


Figure 1. Location of study area (oblique pattern; see also Figure 2) with surrounding physiographic subdivisions. The Rocky Mountain Trench is shaded.

At each sample site, field data were recorded including texture, oxidation level (accumulation of Fe and Mn oxides), color, and clast lithologies of the till. Other information gathered in the field includes logs of stratigraphic sections and measurements of glacial striation orientations.

As depicted on the sample location map in Appendix 7, sampling in 1990 and 1991 has been confined to the southern and eastern sector of the study area. The western and

northern sectors will be sampled in 1992 and 1993. A final open file will include the data for the four field seasons.

Laboratory procedures

Previous studies on metal partitioning in till revealed that most metals are enriched in the fine grain fraction of till (e.g. DiLabio, 1985; 1988; Nikkarinen, et al., 1984; Shilts, 1975; 1984). Consequently, to avoid dilution from the coarse size fraction and to enhance the contrast between background and anomalous sites, all geochemical analyses for this survey were determined on the silt plus clay (<63 μ m or -250 mesh) and the clay (<2 μ m) size fractions.

Clay separations were completed by centrifuge in the sedimentology laboratory of the Geological Survey of Canada and at Bondar Clegg & Company Ltd. in Ottawa. Silt plus clay size fractions were separated by dry sieving in the same laboratories.

Both size fractions were analyzed by inductively coupled plasma - atomic emission spectrometry (ICP-AES) after an Aqua Regia digestion. Analyses were done at Bondar Clegg & Company Ltd. in Ottawa, for the following elements : Ag, As, Ba, Be, Bi, Cd, Co, Cr, Cu, Fe, Ga, La, Li, Mn, Mo, Nb, Ni, Pb, Sb, Sc, Sn, Sr, Ta, Te, Ti, V, W, Y, Zn and Zr. Some samples were analyzed for Al, Au, Ca, Ce, K, Mg, Na and Rb because of changes from year to year in the element package available at the commercial laboratory. Hg was analyzed by cold vapor - atomic absorption in the same laboratory. Au, Ag, As, Ba, Br, Cd, Ce, Cs, Cr, Co, Eu, Fe, Hf, Ir, La, Lu, Mo, Na, Ni, Rb, Sb, Sc, Se, Sm, Sn, Ta, Te, Th, W, U, Yb, Zn, and Zr levels were also determined in 30 g of silt plus clay by instrumental neutron activation analysis (INAA) at Becquerel Laboratories in Mississauga.

Lithologies in the 4-16 mm size fraction of the till samples are presently being identified for provenance study.

Bedrock geology

Armstrong (1949) mapped the bedrock geology of the study area at a scale of 1:250 000. Since the publication of his map and report, few 1:50 000 scale bedrock map sheets and accompanying reports have been released (Ferri and Melville, 1988; 1989; Nelson et al.,

1991; 1992). A bedrock geology map for the whole area has been compiled from the work of these authors and is included as a transparency in the pocket. For more information about the bedrock geology and mineral occurrences of the area, the lector should consult these publications.

Recent Pleistocene studies

Plouffe (1992) presents an overview of the Pleistocene stratigraphy exposed along Nation River (93-K/1). Kerr (1991) mapped the surficial sediments of the Mt. Milligan area and the interpretation of the Quaternary geology and till geochemistry for the same area is given by Kerr and Bobrowsky (1991) and Kerr and Sibbick (1992). Ryder (1993) completed a terrain analysis in the southern sector of NTS map sheet 93 N-1. These publications contain key information about the surficial sediments and glacial history of the area. Consequently, they are primordial for exploration programs conducted in such a thick drift covered area.

Ice flow pattern history of central British Columbia

The utility of till sampling as a successful exploration tool has been recognized extensively in the geological literature. An extensive list is provided in Coker and DiLabio (1989). Since till consist of debris which was eroded, transported and deposited by glacier ice it is of primary importance to understand the direction of ice flow.

Previous work on ice flow patterns over the central part of the province has been published by Armstrong and Tipper (1948) and Tipper (1971). They recognized that during the last glaciation, the Fraser Glaciation (Late Wisconsinian), ice was flowing from three major accumulation zones located in the Coast, Skeena and Cariboo mountains. At the onset of Fraser Glaciation, valley glaciers from those accumulation zones coalesced to form piedmont glaciers. Following greater snow accumulation, those glaciers evolved to form lobes of ice which interacted over the Interior Plateaus of the province. Plouffe (1991) presented a more detailed interpretation of the ice flow patterns for the study area (Fig. 3). The interaction of the lobe of ice coming from the Skeena Mountains to the NW and the Coast Mountains to the W influenced the patterns of latest ice flow in NTS 93 K and N. The deflection of ice flow to the NE and E in the eastern sector of the study area, resulted from pressure exerted by ice emanating from the Cariboo Mountains to the SE. Cross cutting relationships of glacial erosional marks on

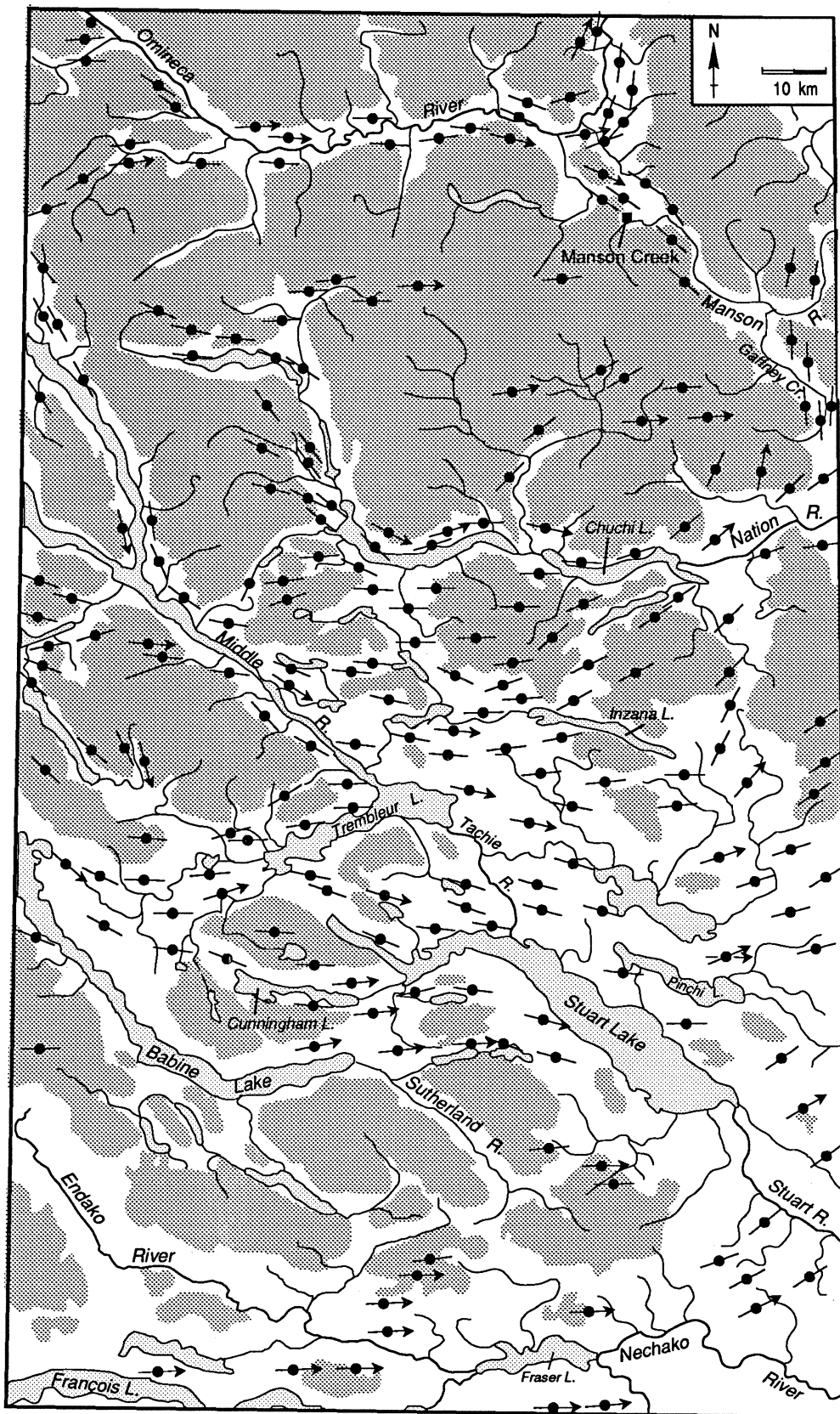


Figure 3. Pattern of ice flow direction as deduced from drumlins, glacial grooves, crag and tails, and striations. An arrow is used where the direction of ice movement is known. Terrain above 1000 m is shaded with dense stipple.

bedrock NE of Pinchi Lake, (Fig. 3) indicate that ice was first flowing to the east and was later deflected to the NE.

The chronology of interactions between Skeena Mountain ice and Coast Mountain ice is still unclear. Till lithologies in the southwestern sector suggest that Skeena Mountain ice was the first to invade the area. At two sites, the lower portion of the till is more enriched in lithologies derived from the NW as opposed to the upper part of the same till unit which contains mostly westerly derived lithologies. This interpretation is preliminary and more field work is needed for verification.

Till Geochemistry

A detailed interpretation of every geochemical map of Appendixes 4, 5 and 6 is beyond the scope of this open file. However, major anomalous geochemical patterns and basic conceptual interpretation is discussed. To facilitate relating till geochemistry to bedrock geology, a transparency geological map, which can be overlain on the geochemical maps is included in pocket (Fig. 2).

For the same analytical method (ICP-AES), some metal concentrations (e.g. As, Nb, and Ga) in the $<2\mu\text{m}$ and $<63\mu\text{m}$ size fractions differ at particular sites. These dissimilarities are likely related to (1) the presence of an element bonded in or on different mineral phases which are in turn present in varying amounts in the two grain size fractions and/or (2) to the relative clay abundance in the $<63\mu\text{m}$ size fraction (as discussed by Shilts, 1971; 1975). Notice that the variations occur only at a few sites, i.e. that they are site specific. With the available results and the present knowledge of mineralized sites in the area, it would be speculative to favor analysis of one size fraction over another for geochemical exploration. Therefore, both size fractions will be analyzed in the future so that they can be tested on different types of mineralization .

As stated above, the $<63\mu\text{m}$ size fraction was analyzed by ICP-AES and INAA. Geochemical maps for Co, Cr, Fe, La, and Ni show similar if not identical patterns for both laboratory procedures. Some differences are observed for As and Ba. These discrepancies are likely related to : (1) the extraction method used prior to analyses for ICP-AES as compared to the non-destructive method of INAA and/or (2) the smaller sample size used for ICP-AES analysis. Analyses by ICP-AES were done after an aqua

regia digestion which might have partially destroyed mineral phases which contain high levels of As or Ba. High concentrations of As and Ba as determined by INAA were not detected using the analytical procedures of ICP-AES. Analyses by INAA used a sample weight of 30 g while ICP-AES used a much smaller weight of 1 g for extraction by aqua regia. By reducing the sample size the chances of obtaining a representative sample are reduced especially in the case where a mineral phase might be distributed heterogeneously. This might be the case for barium which could be present as barite. In the case of gold, this is well known as the nugget effect.

Explorationists will be interested in the anomalous concentrations of Au found in the <63 μm size fraction. This data set should also be used to establish background and threshold gold concentrations for till in various sector of the study area. Till derived from various lithologies would appear to have different concentrations. Only the <63 μm size fraction was analyzed for Au since previous studies on Au partitioning in till indicate that the majority of the gold is present in the till as silt size grains (DiLabio, 1985; 1988). Gold concentrations were measured by INAA but expensive and extensive follow-up field work based on any single anomaly depicted on the Au geochemical map should not be considered until the anomaly has been reproduced. Resampling the till at the same site (see Appendix 7 for sample location) and/or in the close vicinity is recommended. To be comparable, analyses should be performed on the same size fraction (<63 μm) that was used in this survey. The addition of coarser size fractions (analyzing the -80 mesh, as an example) could seriously dilute the Au content or other pathfinder metal concentrations, since the coarser size fraction are mostly composed of silicate minerals (Dreimanis and Bagners, 1971; Shilts, 1975).

As part of the Mineral Development Agreement, follow-up work will be conducted at selected anomalous sites. Heavy mineral concentrates and gold grains will be separated from the original sample analyzed by INAA. Since the INAA method is non-destructive, the size, number, and morphology of the gold grains which contributed to an anomaly can be determined. Heavy mineral assemblages recovered from the anomalous gold samples will be examined and interpreted in order to possibly define the potential genetic type of mineralization which is the source for the gold grains.

The highest Au concentrations reflect known zones of mineralization in the central part of 93 N NTS map sheet and south and north of Chuchi Lake¹. Several anomalies to the north of Chuchi Lake are associated with elevated potassium levels measured by the Geological Survey of Canada airborne gamma ray survey (Shives, et al., 1992; Geological Survey of Canada, 1991). Potassium alteration haloes are commonly found in association with Cu-Au porphyry systems like at Mount Milligan (Ballantyne, et al., 1992; Shives, et al., 1992).

Certain Au anomalies located at the eastern end of Inzana Lake could be derived from known mineral showings (see Nelson et al., 1991). However, some samples with anomalous Au levels are not located on or down-ice from known mineralization. These anomalies could be derived from buried mineralized systems.

Carbonatites have intruded Ingenika Group rocks, approximately 8 km east of the town of Manson Creek (Pell, 1987; Ferri and Melville, 1988). These small bodies contain significant concentrations of rare earth elements, tantalum and niobium (Pell, 1987). Slightly to the east of these carbonatites, Halleran and Russell (1993) reported high rare earth element concentrations in pegmatites within the Wolverine Metamorphic Complex. The anomalous concentration pattern of the rare earth elements, tantalum and niobium in till at the confluence of Manson River and Gaffney Creek may be indicative of concealed carbonatites, pegmatites or other alkaline rocks.

Quality Control

Clay separation

Since the clay fraction is dominated by aluminosilicates, its Al content is much higher than in the silt plus clay fraction. Consequently, a rapid way to verify if the clay separation was well done is to compare the aluminum content of the clay with that of the silt plus clay size fractions (Thorleifson and Kristjansson, 1990). A sample with an anomalously low Al content in the clay fraction was probably not well separated.

Only the 91-PMA's samples have been analyzed for Al. This represents 83 % of all the samples in this survey. Fig. 4, or a glance at the geochemical data themselves in Appendixes 1 and 2 indicates that clay separations are of a respectable quality which leads to reliable geochemical results.

1- Lakes names appear on the geochemical maps or on Fig. 2.

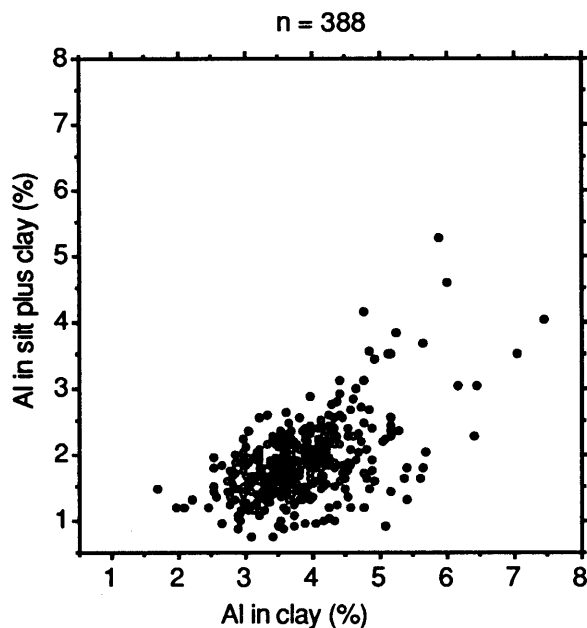


Figure 4. Comparison of the Al content of the $<2 \mu\text{m}$ and $<63 \mu\text{m}$ size fractions for the 91-PMA's samples. Note the much higher Al content in the clay.

Geochemistry

Duplicate and standard samples were incorporated at random within the sample set to verify the precision and accuracy of the analytical methods. Results of the standard samples will be presented in a later publication which will include the geochemical results of the 1992 and 1993 samples. Results of the duplicate analyses are shown in Appendix 8 as correlation plots. According to Thompson and Howarth (1976) and Howarth and Thompson (1976), the precision of an analytical method is reduced closer to the detection limit. This can be observed in the correlation plots for element such as Ag, Mo and Na which have concentration values close to detection limit. For As and Cd, in both size fraction, the precision was found to be much lower than for other elements. This is still unclear, but is probably related to the presence of these metals on or in mineral phases which are heterogeneously distributed.

Two types of duplicate samples were submitted: (1) field duplicates, i.e. two samples with different numbers coming from the same site and prepared independently in the laboratory, and (2) laboratory duplicates, which were prepared from the same sample in the laboratory. In other words, a larger amount of the desired size fraction was sieved (60

g) and then split into two sub-samples. For most elements, there was no major difference between both types of duplicate samples.

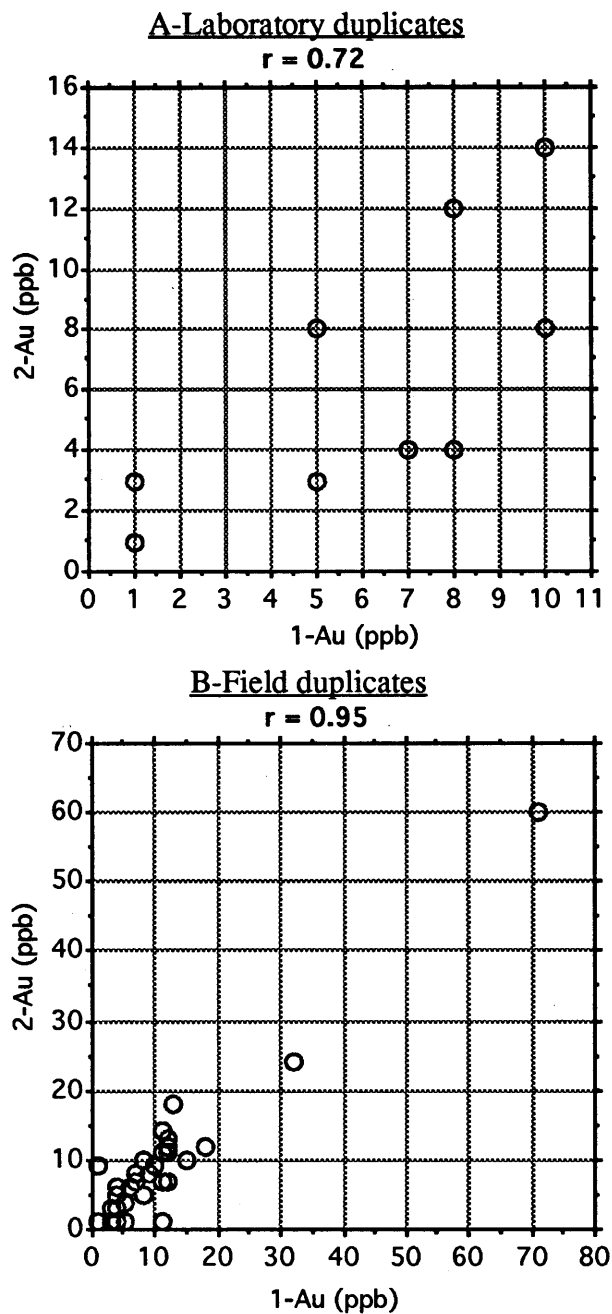


Fig. 5. Correlation plots and coefficient for (a) laboratory and (b) field duplicates analyzed for gold.

In the case of gold, both types of duplicate analyses yield slightly different results (Fig. 5 a and b). Probable explanations are that : (1) as explained by Thompson and Howarth (1976) and Howarth and Thompson (1976), Au concentrations closer to the detection limit in the laboratory duplicates contributed to a lower precision, and / or (2) the handling of the sample during the preparation of the laboratory duplicates concentrated a larger quantity of gold grains in one of the two sub-sample which lead to a sub-sampling of inhomogeneously distributed gold grains and a lower precision. More of both types of duplicate analyses are needed to better test this hypothesis which has implications for reproducibility of Au anomalies in geochemical exploration.

Acknowledgments

As was mentioned in the introduction, this regional survey was financed under the Canada British Columbia Mineral Development Agreement. BP Resources Canada Ltd., Cominco Exploration, Rio Algom Exploration Inc., Takla Star Resources Ltd., and Westmin Mines Limited are all acknowledged for giving access to their property and for sharing valuable information such as stratigraphy observed in drill cores and location of striated bedrock. Field work was conducted with the valuable assistance of Trish McKay and Shannon Pohl. Technical support from the sedimentology laboratory of the Geological Survey of Canada (P. Lindsay and M. Wyergangs) was an important asset to the success of this survey.

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Appendix 1

Geochemical results
clay size fraction ($<2\mu\text{m}$)
ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
90-PMA-009	0.5	nd	2.5	300	0.1	-5	nd	2	48	21	49	64	5.52	13	61	nd	23	28	nd	0.08
90-PMA-020	0.5	nd	5	325	0.1	-5	nd	1	39	18	46	65	5.54	13	72	nd	21	28	nd	0.09
90-PMA-026	0.1	nd	8	231	0.1	-5	nd	1	57	20	34	55	4.9	12	67	nd	27	25	nd	0.11
90-PMA-028-1	0.1	nd	13	264	0.1	-5	nd	0.1	50	23	44	57	5.22	13	64	nd	25	28	nd	0.09
90-PMA-028-2	0.5	nd	12	316	0.1	-5	nd	0.1	52	22	42	65	5.55	14	80	nd	25	28	nd	0.1
90-PMA-035	0.1	nd	38	283	0.1	-5	nd	0.1	92	16	42	108	5.53	17	88	nd	34	29	nd	0.06
90-PMA-036	0.6	nd	2.5	290	0.1	-5	nd	0.1	49	17	41	64	5.22	13	74	nd	24	25	nd	0.08
90-PMA-050	0.9	nd	2.5	292	0.1	-5	nd	1	117	14	25	56	4.18	17	29	nd	57	43	nd	0.1
90-PMA-052	0.1	nd	2.5	258	0.1	-5	nd	0.1	60	17	39	56	5.17	13	59	nd	28	22	nd	0.08
90-PMA-055	0.7	nd	2.5	357	0.1	-5	nd	0.1	95	17	38	48	4.87	15	48	nd	45	19	nd	0.08
90-PMA-057	0.1	nd	14	316	0.1	-5	nd	1	80	15	38	56	4.57	14	69	nd	38	23	nd	0.08
90-PMA-062	0.1	nd	18	331	0.1	-5	nd	1	55	21	48	73	5.79	13	90	nd	29	28	nd	0.08
90-PMA-063	0.5	nd	10	361	0.1	-5	nd	0.1	67	22	48	70	5.73	16	56	nd	35	31	nd	0.1
90-PMA-065	0.1	nd	13	293	0.1	-5	nd	1	59	25	47	62	5.64	14	48	nd	30	30	nd	0.1
90-PMA-068	0.1	nd	11	597	0.1	-5	nd	0.1	57	22	37	59	5.42	14	61	nd	28	29	nd	0.12
90-PMA-073-1	0.5	nd	21	317	0.1	-5	nd	1	42	28	74	92	6.38	12	120	nd	21	31	nd	0.09
90-PMA-077	0.5	nd	14	367	0.1	-5	nd	0.1	57	31	90	70	6.74	16	59	nd	30	23	nd	0.07
90-PMA-078	0.5	nd	2.5	405	0.1	-5	nd	0.1	66	20	37	56	5.11	13	80	nd	31	28	nd	0.11
90-PMA-081	0.6	nd	7	306	0.1	-5	nd	0.1	67	20	35	57	5.53	16	88	nd	31	31	nd	0.12
90-PMA-086	0.1	nd	2.5	258	0.1	-5	nd	0.1	113	12	26	47	4.43	13	96	nd	66	26	nd	0.12
90-PMA-088	0.1	nd	2.5	430	0.1	-5	nd	1	67	17	42	60	4.6	15	27	nd	40	26	nd	0.06
90-PMA-089	0.1	nd	2.5	288	0.1	-5	nd	0.1	66	14	26	52	4.17	12	43	nd	36	22	nd	0.08
90-PMA-095	0.1	nd	22	386	0.1	-5	nd	0.1	67	24	47	68	6.4	14	98	nd	34	28	nd	0.13
90-PMA-097	0.1	nd	14	355	0.1	-5	nd	1	69	19	45	76	6.63	13	210	nd	28	26	nd	0.1
90-PMA-098	0.6	nd	17	268	0.1	-5	nd	0.1	84	17	49	70	5.45	15	98	nd	45	30	nd	0.08
90-PMA-099	0.1	nd	11	272	0.1	-5	nd	0.1	69	25	48	94	5.98	16	90	nd	35	37	nd	0.11
90-PMA-101	0.5	nd	2.5	297	0.1	-5	nd	0.1	81	19	52	49	5.08	16	37	nd	44	27	nd	0.08
90-PMA-103	0.1	nd	38	437	0.1	-5	nd	0.1	36	21	54	86	6.96	13	141	nd	19	33	nd	0.09
90-PMA-105	0.5	nd	26	371	0.1	-5	nd	0.1	48	23	50	83	6.51	14	101	nd	22	30	nd	0.1
90-PMA-107	0.7	nd	9	498	0.1	-5	nd	0.1	61	25	54	89	6.02	16	29	nd	35	28	nd	0.09
90-PMA-115	0.5	nd	12	276	0.1	-5	nd	0.1	60	19	46	54	5.44	14	53	nd	32	23	nd	0.07
90-PMA-117	0.1	nd	11	409	0.1	-5	nd	0.1	63	18	49	58	5.63	13	101	nd	26	20	nd	0.07

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
90-PMA-118	0.1	nd	18	349	0.1	-5	nd	0.1	41	22	59	85	6.96	12	114	nd	21	28	nd	0.1
90-PMA-122	0.1	nd	7	349	0.1	-5	nd	0.1	60	21	53	68	5.62	16	56	nd	33	28	nd	0.08
90-PMA-123	0.6	nd	18	357	0.1	-5	nd	0.1	56	24	52	79	6.22	18	37	nd	32	35	nd	0.1
90-PMA-125	0.8	nd	2.5	281	0.1	-5	nd	0.1	58	33	43	63	6.35	18	19	nd	29	37	nd	0.15
90-PMA-127	0.1	nd	2.5	217	0.1	-5	nd	0.1	106	20	51	65	5.12	15	49	nd	42	21	nd	0.06
90-PMA-131	0.1	nd	26	436	0.1	-5	nd	1	36	21	53	75	6.46	14	117	nd	17	32	nd	0.1
90-PMA-133	0.5	nd	32	387	0.1	5	nd	0.1	36	24	64	70	6.53	13	97	nd	16	36	nd	0.1
90-PMA-135	0.7	nd	30	418	0.1	-5	nd	1	65	19	46	53	5.11	13	83	nd	29	26	nd	0.08
90-PMA-136	0.1	nd	23	373	0.1	-5	nd	0.1	74	27	67	64	6.32	13	60	nd	33	23	nd	0.09
90-PMA-139	0.1	nd	27	514	0.1	-5	nd	0.1	66	26	69	69	6.26	13	94	nd	30	28	nd	0.09
90-PMA-141	0.1	nd	13	243	0.1	-5	nd	0.1	53	24	50	46	5.73	11	80	nd	27	26	nd	0.16
90-PMA-142	0.1	nd	15	420	0.1	6	nd	0.1	51	21	48	52	5.73	15	69	nd	24	29	nd	0.11
90-PMA-144	0.1	nd	2.5	350	0.1	-5	nd	0.1	69	16	39	37	4.22	12	43	nd	32	24	nd	0.08
90-PMA-146-2	0.1	nd	14	355	0.1	-5	nd	0.1	59	23	55	62	5.94	15	77	nd	29	25	nd	0.07
90-PMA-150	0.7	nd	10	373	0.1	-5	nd	0.1	70	17	40	48	5.17	14	89	nd	32	23	nd	0.07
90-PMA-153	0.1	nd	8	492	0.1	-5	nd	0.1	61	21	57	53	5.66	15	54	nd	31	26	nd	0.08
90-PMA-159	0.5	nd	18	435	0.1	-5	nd	0.1	72	24	59	59	5.73	17	57	nd	34	33	nd	0.09
90-PMA-160	0.5	nd	19	401	0.1	-5	nd	0.1	68	20	46	50	5.39	13	80	nd	33	24	nd	0.09
90-PMA-161	0.5	nd	5	342	0.1	-5	nd	0.1	59	24	63	67	5.96	17	40	nd	30	33	nd	0.1
90-PMA-165	0.1	nd	16	446	0.1	-5	nd	0.1	42	20	46	63	6.01	13	134	nd	18	27	nd	0.08
90-PMA-169	0.1	nd	10	279	0.1	-5	nd	0.1	64	28	51	61	5.4	18	29	nd	31	37	nd	0.15
90-PMA-171	0.1	nd	10	360	0.1	-5	nd	0.1	47	17	55	128	5.99	14	49	nd	24	31	nd	0.1
90-PMA-172	0.5	nd	11	353	0.1	-5	nd	0.1	41	18	50	99	5.69	16	43	nd	26	30	nd	0.08
90-PMA-175	0.1	nd	25	388	0.1	-5	nd	1	36	18	69	69	5.91	15	97	nd	17	21	nd	0.05
90-PMA-176	0.1	nd	12	385	0.1	-5	nd	0.1	36	27	64	69	6.18	13	89	nd	16	33	nd	0.1
90-PMA-178	0.1	nd	16	452	0.1	-5	nd	1	44	27	54	68	6.3	14	149	nd	19	30	nd	0.14
90-PMA-182-1	0.5	nd	6	372	0.1	-5	nd	0.1	84	26	46	53	5.95	14	51	nd	42	24	nd	0.1
90-PMA-182-2	0.1	nd	5	319	0.1	-5	nd	0.1	70	22	53	54	5.78	14	74	nd	36	21	nd	0.08
90-PMA-186	0.1	nd	8	421	0.1	-5	nd	1	67	25	81	87	5.46	13	77	nd	32	23	nd	0.11
90-PMA-188	0.1	nd	24	361	0.1	-5	nd	0.1	48	24	88	89	5.98	13	86	nd	24	28	nd	0.09
90-PMA-189	0.1	nd	37	429	0.1	-5	nd	1	47	24	121	118	6.29	14	132	nd	24	28	nd	0.07
90-PMA-195	0.6	nd	9	563	0.1	-5	nd	1	45	39	181	107	6.16	13	83	nd	22	32	nd	0.12

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
90-PMA-198	0.1	nd	46	328	0.1	-5	nd	0.1	273	29	94	140	5.95	15	89	nd	18	23	nd	0.15
90-PMA-204	0.5	nd	25	450	0.1	-5	nd	0.1	53	27	78	117	6.7	14	100	nd	24	29	nd	0.12
90-PMA-206	0.5	nd	15	492	0.1	-5	nd	0.1	46	26	99	81	5.53	15	126	nd	22	31	nd	0.1
90-PMA-210	0.5	nd	12	486	0.1	-5	nd	0.1	40	40	126	91	6.64	13	258	nd	18	31	nd	0.12
90-PMA-215	0.5	nd	9	350	0.1	-5	nd	1	36	31	187	86	5.21	12	590	nd	18	29	nd	0.09
90-PMA-218	0.1	nd	13	390	0.1	-5	nd	0.1	38	32	106	90	6.07	13	160	nd	18	32	nd	0.11
90-PMA-220	0.1	nd	2.5	382	0.1	-5	nd	0.1	35	26	111	73	5.22	14	177	nd	18	30	nd	0.1
90-PMA-223	0.1	nd	11	406	0.1	-5	nd	0.1	38	24	87	81	5.86	14	134	nd	18	31	nd	0.1
90-PMA-224	0.5	nd	2.5	442	0.1	-5	nd	2	37	24	90	86	6.02	13	126	nd	19	31	nd	0.11
90-PMA-226	0.5	nd	18	472	0.1	-5	nd	1	41	25	90	80	5.93	14	157	nd	21	30	nd	0.1
90-PMA-229	0.4	3.02	25	484	-1	-5	0.81	0.5	nd	27	129	124	5.97	16	350	0.36	11	21	1.94	0.1
91-PMA-003	0.4	3.34	2.5	541	-1	-5	0.63	0.8	nd	24	126	133	5.95	17	224	0.32	14	21	1.9	0.1
91-PMA-007	0.3	3.73	56	358	-1	-5	0.36	0.1	nd	34	287	122	6.81	16	210	0.26	10	23	3.09	0.1
91-PMA-009	0.5	3.55	51	385	-1	-5	0.43	0.1	nd	28	172	110	6.2	17	164	0.29	12	23	2.37	0.1
91-PMA-016	0.4	3.79	2.5	446	-1	-5	0.57	0.1	nd	20	78	83	5.92	17	98	0.32	17	23	1.42	0.08
91-PMA-017	0.4	3.53	44	269	-1	-5	0.37	0.1	nd	21	94	88	6.01	15	118	0.31	11	21	1.46	0.09
91-PMA-019	0.5	5.07	2.5	408	-1	-5	0.56	0.1	nd	20	70	76	5.79	18	115	0.32	34	17	1.04	0.15
91-PMA-023	0.6	3.52	50	335	-1	-5	0.62	0.1	nd	19	47	82	6.54	17	181	0.27	20	21	1.04	0.11
91-PMA-026	0.3	3.56	2.5	303	-1	-5	0.69	0.1	nd	20	43	60	5.67	16	69	0.34	33	18	1.15	0.12
91-PMA-027	0.1	3.37	2.5	276	-1	-5	0.66	0.3	nd	20	44	60	5.64	16	60	0.31	33	18	1.13	0.14
91-PMA-028	0.3	4.5	11	241	-1	-5	0.68	0.1	nd	18	56	58	5.92	20	40	0.3	38	19	1.2	0.09
91-PMA-031	0.3	3.49	7	272	-1	-5	0.69	0.5	nd	18	43	60	4.77	18	46	0.36	31	19	1.13	0.13
91-PMA-038	0.3	3.48	7	255	-1	-5	0.44	0.7	nd	22	58	67	5.56	17	77	0.35	14	23	1.54	0.1
91-PMA-040	0.3	3.24	24	208	-1	-5	0.51	0.1	nd	26	50	78	6.63	18	81	0.28	16	24	1.55	0.12
91-PMA-041	0.4	3.2	25	217	-1	-5	0.45	0.1	nd	26	55	84	6.68	17	119	0.3	16	25	1.6	0.11
91-PMA-042	0.3	2.89	11	277	-1	-5	0.95	0.1	nd	19	29	50	4.7	17	35	0.32	32	20	1.48	0.07
91-PMA-046	0.5	2.8	11	245	-1	-5	0.45	0.1	nd	30	74	73	5.7	16	92	0.21	9	28	1.85	0.09
91-PMA-049	0.2	2.92	8	193	-1	-5	0.55	0.1	nd	35	86	81	6.18	17	86	0.23	10	29	2.17	0.11
91-PMA-053	0.1	3.06	16	178	-1	-5	0.49	0.1	nd	23	39	75	6.38	15	106	0.22	18	24	1.23	0.13
91-PMA-054	0.6	3.69	2.5	316	-1	-5	0.48	1.4	nd	21	45	176	6.36	17	192	0.21	16	23	1.1	0.13
91-PMA-058	0.4	3.82	2.5	415	-1	-5	0.87	0.1	nd	25	62	99	6.47	21	98	0.55	12	27	1.79	0.12
91-PMA-059	0.6	3.68	2.5	375	-1	-5	0.7	0.1	nd	25	62	96	6.41	19	100	0.53	12	26	1.74	0.13

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-060	0.3	4.41	2.5	423	-1	-5	0.66	0.1	nd	25	65	115	6.93	21	112	0.56	10	29	1.72	0.13
91-PMA-063	0.4	3.5	2.5	420	-1	-5	1.88	0.1	nd	21	57	84	6.27	23	109	0.49	11	29	1.75	0.1
91-PMA-064	0.3	3.97	10	392	-1	-5	0.68	0.1	nd	26	65	103	6.52	20	77	0.64	11	26	1.88	0.12
91-PMA-065	0.5	3.09	2.5	370	-1	-5	0.65	0.1	nd	23	50	106	5.91	16	118	0.31	10	24	1.33	0.11
91-PMA-068	0.7	3.46	2.5	381	-1	-5	0.63	0.1	nd	22	55	90	6.39	18	106	0.27	9	27	1.42	0.11
91-PMA-069-1	0.4	3.26	2.5	341	-1	-5	0.69	0.1	nd	23	55	78	6.13	17	118	0.27	10	26	1.42	0.12
91-PMA-069-2	0.6	3.47	43	271	-1	-5	0.4	0.1	nd	19	62	99	6.44	15	144	0.28	8	24	1.2	0.09
91-PMA-070	0.6	3.07	2.5	415	-1	-5	0.69	0.1	nd	25	61	76	5.89	18	95	0.31	10	26	1.73	0.11
91-PMA-071	0.4	4.17	2.5	560	-1	-5	0.8	0.1	nd	25	75	145	7.36	20	184	0.59	10	27	1.9	0.1
91-PMA-073-1	0.5	3.43	2.5	405	-1	-5	1.16	0.2	nd	23	63	78	6.55	22	106	0.41	11	26	1.64	0.09
91-PMA-073-2	0.3	3.63	2.5	365	-1	-5	1.42	0.1	nd	22	64	76	6.39	22	106	0.42	11	27	1.64	0.09
91-PMA-073-3	0.4	3.7	2.5	413	-1	-5	1.06	0.1	nd	21	65	78	6.64	20	103	0.38	12	27	1.65	0.1
91-PMA-073-4	0.2	3.68	20	374	-1	-5	0.67	0.1	nd	21	66	78	6.6	18	118	0.35	11	26	1.55	0.09
91-PMA-074	0.2	3.51	2.5	364	-1	-5	0.92	0.1	nd	25	62	80	6.64	19	118	0.36	11	26	1.62	0.11
91-PMA-075	0.4	3.53	2.5	292	-1	-5	1.54	1.4	nd	20	47	77	6.42	21	172	0.34	11	25	1.41	0.1
91-PMA-079	0.3	3.28	2.5	335	-1	-5	0.81	0.5	nd	20	49	74	6.14	19	123	0.28	9	25	1.3	0.1
91-PMA-080	0.4	4.21	2.5	477	-1	-5	0.61	0.1	nd	35	120	189	6.95	20	89	0.93	11	31	3.04	0.12
91-PMA-081	0.1	3.14	2.5	287	-1	-5	0.8	0.1	nd	26	62	91	6.07	18	92	0.36	15	23	1.83	0.13
91-PMA-082-1	0.4	3.15	2.5	310	-1	-5	1.48	0.1	nd	31	71	79	5.1	21	60	0.41	20	25	2.47	0.1
91-PMA-082-2	0.5	3.32	2.5	327	-1	-5	0.82	0.1	nd	29	77	123	5.94	19	98	0.4	19	23	2.2	0.12
91-PMA-083-1	0.2	3.95	41	349	-1	-5	2.02	1.5	nd	23	65	103	6.55	25	92	0.47	12	32	1.83	0.11
91-PMA-083-2	0.4	3.95	31	353	-1	-5	1.14	0.1	nd	34	63	139	7.88	22	129	0.43	10	31	1.62	0.15
91-PMA-085-1	0.4	4.09	7	363	-1	-5	2.66	1.5	nd	24	104	111	6.46	26	86	0.58	11	33	2.33	0.13
91-PMA-085-2	0.3	4.22	17	281	-1	-5	2.76	1.1	nd	25	102	129	6.87	26	72	0.57	11	34	2.35	0.12
91-PMA-086	1.5	3.98	2.5	448	-1	-5	0.6	0.1	nd	20	64	132	6.67	17	149	0.31	8	24	1.29	0.11
91-PMA-089	0.4	3.18	18	588	-1	-5	0.83	0.1	nd	18	40	56	5.58	17	123	0.22	13	25	1.36	0.09
91-PMA-090	0.5	3.22	27	286	-1	-5	0.59	0.1	nd	26	44	62	5.91	15	118	0.28	10	24	1.11	0.13
91-PMA-092	0.4	2.95	26	481	-1	-5	0.61	0.1	nd	25	57	69	6.42	16	89	0.16	8	28	1.64	0.1
91-PMA-093	0.3	2.83	18	351	-1	-5	0.67	0.1	nd	27	58	69	6.19	16	86	0.21	9	27	1.64	0.11
91-PMA-094-1	0.3	2.53	21	157	-1	-5	0.5	0.1	nd	28	59	70	5.5	14	95	0.19	10	24	1.55	0.1
91-PMA-096	0.3	2.99	18	247	-1	-5	0.68	0.1	nd	26	72	77	6.28	16	92	0.16	8	27	1.72	0.1
91-PMA-097	0.7	3.61	30	294	-1	-5	0.36	0.1	nd	37	179	121	7.14	16	97	0.48	15	27	2.89	0.11

NOTE : nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-098	0.1	2.08	12	469	-1	-5	2.75	0.1	nd	37	117	89	5.41	17	2000	0.2	7	21	2.94	0.1
91-PMA-103-1	0.2	3.43	2.5	261	-1	-5	2.39	0.1	nd	39	267	87	5.6	25	89	0.25	10	26	4.58	0.09
91-PMA-103-2	0.5	3.52	16	215	-1	-5	0.5	0.2	nd	38	325	92	5.96	18	83	0.22	7	26	5.09	0.09
91-PMA-104	0.6	3.59	2.5	208	-1	-5	0.43	0.8	nd	38	338	94	5.99	18	92	0.23	8	26	4.96	0.09
91-PMA-105	0.6	3.87	2.5	409	-1	-5	0.63	0.1	nd	40	184	126	6.67	19	132	0.48	14	28	3.48	0.14
91-PMA-106	0.7	3.42	2.5	362	-1	-5	0.67	0.1	nd	23	96	97	6.45	17	175	0.25	11	23	1.62	0.11
91-PMA-107	0.4	3.47	10	365	-1	-5	0.47	0.1	nd	25	74	95	5.91	15	227	0.3	12	25	1.51	0.11
91-PMA-108	0.5	3.51	2.5	585	-1	-5	1.18	0.8	nd	25	94	92	5.97	19	175	0.29	10	25	1.84	0.11
91-PMA-110	0.4	3.31	2.5	469	-1	-5	0.6	0.1	nd	29	108	95	5.94	17	227	0.29	11	23	2.17	0.12
91-PMA-112	0.4	3.01	2.5	506	-1	-5	0.75	0.1	nd	36	104	70	5.62	18	207	0.26	9	26	2.6	0.11
91-PMA-115	0.3	3.3	2.5	365	-1	-5	1.48	1.9	nd	30	110	75	5.57	23	187	0.29	10	29	2.3	0.11
91-PMA-117	0.2	2.85	31	343	-1	-5	6.36	0.4	nd	26	119	85	5.26	24	620	0.21	8	26	2.59	0.09
91-PMA-118	0.1	3.24	2.5	338	-1	-5	2.54	1.3	nd	29	96	81	5.61	24	390	0.25	11	28	2.26	0.11
91-PMA-119	0.2	2.96	28	195	-1	-5	0.53	0.1	nd	35	148	92	6.92	17	823	0.18	7	25	3.07	0.11
91-PMA-121	0.3	2.69	12	215	-1	-5	1.63	0.1	nd	42	188	71	6.22	19	210	0.16	6	26	5.31	0.09
91-PMA-123	0.3	2.84	18	338	-1	-5	0.48	0.1	nd	27	68	127	6.61	15	248	0.19	9	24	1.55	0.11
91-PMA-125	0.1	2.51	11	242	-1	-5	3.69	4.2	nd	41	165	74	5.77	19	230	0.17	8	26	4.44	0.1
91-PMA-126	0.5	2.82	17	215	-1	-5	1.35	0.1	nd	37	105	85	6.34	18	823	0.18	8	26	2.28	0.12
91-PMA-128	0.3	2.94	16	201	-1	-5	0.74	0.1	nd	28	82	69	6.23	18	143	0.15	7	28	1.95	0.1
91-PMA-129	0.3	3.03	23	206	-1	-5	1.94	0.1	nd	35	123	84	6.21	20	441	0.17	8	33	2.81	0.11
91-PMA-131	0.4	3.13	2.5	220	-1	-5	1.73	0.7	nd	26	92	76	5.64	23	276	0.24	9	29	2.23	0.1
91-PMA-132	0.4	3.2	2.5	332	-1	-5	4.4	0.1	nd	29	136	83	5.57	26	435	0.25	9	27	3.04	0.09
91-PMA-133	0.3	3.18	2.5	197	-1	-5	0.47	0.4	nd	20	90	74	5.55	15	201	0.19	9	25	1.47	0.09
91-PMA-135	0.3	3	42	199	-1	-5	0.54	0.1	nd	23	104	77	5.65	15	370	0.17	9	24	1.63	0.09
91-PMA-137	0.4	3.15	36	239	-1	-5	0.47	0.1	nd	33	128	78	6.17	16	221	0.2	9	26	2.62	0.11
91-PMA-138	0.5	3.17	2.5	289	-1	-5	0.52	0.1	nd	31	127	79	6.04	17	245	0.21	9	26	2.66	0.1
91-PMA-139	0.4	3.2	2.5	311	-1	-5	0.53	0.1	nd	19	86	84	6.15	17	132	0.2	9	25	1.47	0.08
91-PMA-140	0.3	3.53	2.5	353	-1	-5	0.64	1.4	nd	21	88	84	6.32	18	138	0.25	9	27	1.59	0.09
91-PMA-144	0.3	3.41	2.5	410	-1	-5	0.71	0.1	nd	27	122	84	6.11	19	348	0.25	10	23	1.96	0.11
91-PMA-147	0.6	3.41	30	355	-1	-5	1.49	0.1	nd	26	87	89	6.02	22	255	0.26	11	27	2	0.12
91-PMA-148	0.3	3.43	2.5	354	-1	-5	1.64	1.1	nd	25	86	90	6.02	22	267	0.26	11	27	2.02	0.11
91-PMA-149	0.1	3.4	2.5	369	-1	-5	1.36	0.1	nd	27	82	89	6.19	21	187	0.24	12	27	1.79	0.12

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-150-1	0.4	2.97	12	210	-1	-5	1.71	0.1	nd	30	83	93	5.58	22	221	0.27	12	25	2.13	0.14
91-PMA-150-2	0.5	2.95	2.5	259	-1	-5	2.08	0.2	nd	30	82	104	5.69	23	235	0.28	13	26	2.15	0.14
91-PMA-150-3	0.3	2.79	37	193	-1	-5	1.37	0.1	nd	29	79	95	5.69	20	264	0.25	10	24	1.82	0.12
91-PMA-150-4	0.5	2.94	19	246	-1	-5	1.17	0.1	nd	31	95	92	5.78	21	226	0.27	10	26	2.2	0.12
91-PMA-150-5	0.3	2.9	2.5	297	-1	-5	2.16	0.7	nd	28	80	96	5.82	23	261	0.24	13	25	1.89	0.14
91-PMA-153	0.7	3.49	37	291	-1	-5	0.52	0.3	nd	22	97	96	6.15	15	249	0.28	11	26	1.56	0.09
91-PMA-154	0.1	3.23	2.5	274	-1	-5	1.62	0.1	nd	31	119	77	6.01	21	446	0.25	9	26	2.71	0.11
91-PMA-156	0.4	3.65	14	374	-1	-5	1.03	0.4	nd	26	85	161	7.14	21	285	0.31	10	27	1.95	0.1
91-PMA-157	0.2	3.29	2.5	404	-1	-5	1.66	0.2	nd	29	80	78	5.88	23	201	0.3	12	27	1.75	0.17
91-PMA-158	0.4	3.34	12	391	-1	-5	1.47	0.8	nd	29	77	84	6.07	22	189	0.29	12	27	1.78	0.14
91-PMA-159	0.5	3.22	2.5	369	-1	-5	1.93	0.6	nd	20	96	88	5.72	22	382	0.32	11	24	1.63	0.1
91-PMA-160	0.2	3.07	17	286	-1	-5	4.08	1.6	nd	26	79	97	5.57	24	370	0.32	11	24	1.98	0.12
91-PMA-161	0.4	3.59	10	342	-1	-5	0.5	0.1	nd	24	88	100	6.44	18	277	0.25	9	26	1.59	0.12
91-PMA-162	0.1	3	16	242	-1	-5	2.15	0.1	nd	25	71	88	5.28	23	261	0.28	9	23	1.88	0.12
91-PMA-164	0.4	3.86	6	322	-1	-5	0.61	0.1	nd	22	82	135	6.27	19	334	0.24	9	22	1.49	0.14
91-PMA-165	0.4	3.57	10	225	-1	-5	0.6	0.1	nd	27	82	142	6.55	19	302	0.26	10	25	1.75	0.13
91-PMA-166	0.6	3.9	6	368	-1	-5	1.03	0.3	nd	28	88	162	7.08	22	329	0.3	10	27	1.93	0.13
91-PMA-167	0.3	3.71	2.5	421	-1	-5	2.33	0.3	nd	31	84	145	6.81	25	305	0.36	11	26	1.96	0.14
91-PMA-172	0.3	3.86	42	334	-1	-5	1.73	0.1	nd	34	81	153	7.22	24	318	0.33	11	27	2.17	0.15
91-PMA-173	0.5	3.74	2.5	434	-1	-5	0.94	0.1	nd	25	98	144	7.12	19	326	0.22	9	26	1.66	0.12
91-PMA-174-1	0.1	3.43	2.5	306	-1	-5	1.98	1.6	nd	33	79	134	5.9	24	225	0.35	12	26	2.12	0.15
91-PMA-174-2	0.4	3.86	32	367	-1	-5	1.37	0.1	nd	28	92	173	6.91	22	273	0.26	10	28	2.01	0.13
91-PMA-175	0.4	3.4	16	298	-1	-5	2.02	0.1	nd	33	79	135	5.94	24	241	0.33	12	27	2.11	0.15
91-PMA-176	0.1	3.35	31	343	-1	-5	2.29	0.1	nd	24	72	127	5.91	23	273	0.29	11	25	1.9	0.12
91-PMA-178	0.4	3.81	2.5	368	-1	-5	1.01	0.1	nd	21	100	137	6.39	21	245	0.26	10	26	1.87	0.1
91-PMA-179	0.4	3.59	20	317	-1	-5	1.1	0.1	nd	27	93	158	6.42	22	189	0.37	10	26	2.34	0.11
91-PMA-180	0.4	3.61	13	322	-1	-5	1.12	0.1	nd	26	93	154	6.47	23	189	0.37	10	27	2.35	0.12
91-PMA-181	0.1	3.67	2.5	343	-1	-5	0.96	0.1	nd	24	93	151	6.7	21	253	0.24	10	26	1.91	0.11
91-PMA-182	0.4	3.45	16	316	-1	-5	1.62	0.5	nd	30	83	134	6.16	23	201	0.32	11	27	2.11	0.14
91-PMA-183	0.3	3.52	45	404	-1	-5	0.82	0.1	nd	24	98	117	6.72	20	370	0.26	12	25	1.84	0.11
91-PMA-185	0.5	3.69	30	175	-1	-5	0.66	0.1	nd	30	74	212	7.78	18	313	0.23	8	28	2	0.13
91-PMA-186	0.8	3.65	32	180	-1	-5	0.66	0.1	nd	33	70	208	7.84	17	338	0.22	8	27	1.93	0.15

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-188	0.8	4.22	44	225	-1	-5	0.61	0.1	nd	54	103	371	9.72	17	882	0.17	10	28	1.95	0.26
91-PMA-189	0.5	3.67	23	163	-1	-5	0.75	0.5	nd	39	79	560	8	18	294	0.21	8	25	2.2	0.17
91-PMA-190	0.5	3.66	41	242	-1	-5	0.64	0.1	nd	36	87	302	8.33	17	448	0.23	10	26	1.9	0.16
91-PMA-191	0.7	4.1	112	147	-1	-5	0.47	0.1	nd	49	81	279	8.1	19	544	0.2	6	27	1.99	0.19
91-PMA-192	0.2	3.95	11	267	-1	-5	1.53	0.1	nd	27	83	176	6.9	24	201	0.3	9	27	2.17	0.13
91-PMA-194	0.4	3.47	2.5	400	-1	-5	0.87	0.1	nd	26	92	122	6.5	18	348	0.21	13	25	1.74	0.12
91-PMA-195	0.4	3.42	13	326	-1	-5	1.62	0.1	nd	26	82	110	6.2	23	233	0.28	10	26	1.8	0.12
91-PMA-196	0.6	3.4	26	327	-1	-5	1.29	0.1	nd	25	80	109	6.14	21	241	0.29	11	26	1.79	0.12
91-PMA-197	0.6	3.89	32	307	-1	-5	0.67	0.1	nd	32	91	185	7.27	17	350	0.26	11	25	1.75	0.16
91-PMA-198	0.3	3.56	2.5	324	-1	-5	1.73	0.9	nd	31	80	137	6.36	22	253	0.3	12	27	2.03	0.14
91-PMA-199	0.4	4.07	56	244	-1	-5	0.86	0.1	nd	24	75	190	6.51	21	149	0.46	8	26	2.07	0.11
91-PMA-200	0.5	4.45	22	246	-1	-5	0.83	0.1	nd	37	97	247	7.99	21	140	0.39	8	30	2.48	0.14
91-PMA-201	0.7	3.93	24	283	-1	-5	0.58	0.1	nd	37	112	212	7.95	18	248	0.29	10	29	2.17	0.16
91-PMA-202	0.6	4.53	36	311	-1	-5	0.73	0.1	nd	38	100	268	8.73	20	313	0.36	10	30	2.27	0.14
91-PMA-205-1	0.5	3.37	27	291	-1	-5	1.36	0.1	nd	36	91	153	7.13	19	246	0.23	10	28	2.09	0.14
91-PMA-205-2	0.7	3.65	29	350	-1	-5	1.26	0.1	nd	35	102	165	7.73	20	297	0.24	10	30	2.27	0.14
91-PMA-205-3	0.3	3.57	26	323	-1	-5	1.51	0.1	nd	36	91	166	7.51	20	267	0.23	9	29	2.17	0.14
91-PMA-206	0.3	3.53	7	282	-1	-5	2.3	0.6	nd	27	76	151	5.95	25	185	0.32	11	26	2.19	0.14
91-PMA-207	0.5	3.99	29	290	-1	-5	1.67	0.2	nd	30	82	190	7.01	24	273	0.31	9	26	2.24	0.14
91-PMA-208	0.5	3.78	8	192	-1	-5	1.11	0.1	nd	29	81	181	6.87	21	241	0.28	9	26	2.16	0.13
91-PMA-209	0.1	4.15	40	281	-1	-5	1.22	0.1	nd	28	98	146	7.08	23	185	0.26	11	29	2.46	0.12
91-PMA-210-1	0.4	3.59	15	230	-1	-5	1.1	0.1	nd	23	75	126	6.04	23	245	0.24	11	26	2.06	0.11
91-PMA-210-2	0.2	3.7	26	255	-1	-5	1.26	0.1	nd	21	69	135	6.02	23	265	0.26	11	24	1.87	0.11
91-PMA-210-3	0.5	4.55	23	191	-1	-5	0.78	0.1	nd	22	76	154	6.34	22	261	0.24	9	23	1.67	0.12
91-PMA-212	0.1	3.16	23	253	-1	-5	1.89	0.1	nd	28	65	110	5.38	25	76	0.26	11	23	2.1	0.14
91-PMA-214	0.3	6.4	18	373	-1	-5	0.58	0.1	nd	59	83	287	6.99	22	310	0.31	12	25	1.83	0.33
91-PMA-215	0.5	5.4	2.5	362	-1	-5	0.9	0.1	nd	30	90	269	7.51	22	310	0.3	12	21	1.68	0.14
91-PMA-217	0.2	4.34	69	330	-1	-5	0.99	0.1	nd	32	85	280	7.18	21	533	0.31	13	22	1.91	0.16
91-PMA-218	0.6	4.31	2.5	287	-1	-5	0.99	0.1	nd	30	69	226	6.46	20	316	0.34	13	22	1.78	0.16
91-PMA-224	0.4	4.32	2.5	291	-1	-5	0.88	0.5	nd	28	92	179	7.29	23	225	0.36	15	33	2.18	0.13
91-PMA-228	0.4	4	7	285	-1	-5	1.32	0.1	nd	31	71	138	6.57	24	84	0.52	18	41	2.62	0.15
91-PMA-229	0.3	3.91	2.5	287	-1	-5	1.31	0.1	nd	30	70	139	6.57	24	88	0.5	18	40	2.56	0.14

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-230	0.4	5.15	25	230	-1	-5	1.35	0.1	nd	37	134	234	8.19	27	125	0.2	7	28	3.34	0.14
91-PMA-231	0.1	3.84	35	269	-1	-5	2.52	0.1	nd	29	69	239	6.24	27	366	0.33	11	29	2.63	0.13
91-PMA-232	0.2	3.83	2.5	311	-1	-5	1.54	0.1	nd	21	46	190	5.82	24	306	0.28	11	21	1.81	0.1
91-PMA-233	0.6	4.92	17	232	-1	-5	0.84	0.1	nd	38	71	381	6.77	21	86	0.25	9	24	2.17	0.21
91-PMA-235	0.5	5.35	18	246	-1	-5	1.38	0.1	nd	39	49	299	8.04	23	122	0.21	10	31	2.71	0.2
91-PMA-238	0.1	7.44	2.5	147	-1	-5	1.4	0.1	nd	36	30	274	6.16	29	111	0.21	8	24	2.22	0.24
91-PMA-239-1	0.1	4.15	12	434	-1	-5	1.4	0.1	nd	35	56	285	7.1	23	162	0.38	11	33	2.48	0.14
91-PMA-239-2	0.4	4	19	507	-1	-5	1.22	0.1	nd	32	66	231	7.22	22	149	0.34	10	30	2.41	0.12
91-PMA-239-3	0.5	3.66	13	296	-1	-5	1	0.1	nd	36	76	188	7.31	19	262	0.27	11	37	2.47	0.13
91-PMA-239-4	0.5	4.09	7	329	-1	-5	0.78	0.1	nd	30	95	213	7.5	19	324	0.27	12	31	2.25	0.12
91-PMA-240	0.7	3.64	11	315	-1	-5	1.06	0.1	nd	35	75	183	7.31	20	230	0.27	11	37	2.53	0.14
91-PMA-241	0.5	4.1	13	366	-1	-5	1.07	0.1	nd	33	75	219	7.53	20	327	0.28	13	31	2.3	0.15
91-PMA-242	0.7	4.51	2.5	188	-1	-5	1.08	0.1	nd	46	90	220	8.37	22	108	0.3	14	36	2.96	0.16
91-PMA-245	0.8	3.56	2.5	280	-1	-5	1.24	0.1	nd	30	52	258	6.27	20	135	0.33	13	23	2.03	0.13
91-PMA-249	0.9	4.69	8	277	-1	-5	0.85	0.1	nd	31	67	316	7.74	19	173	0.33	20	32	1.8	0.15
91-PMA-250	1.1	4.19	2.5	240	-1	-5	0.95	0.1	nd	40	118	381	8.62	21	164	0.43	18	28	1.95	0.09
91-PMA-252	0.4	4.04	19	263	-1	-5	1.2	0.1	nd	24	62	411	6.19	23	157	0.38	11	25	2.05	0.1
91-PMA-253	0.4	4.19	8	277	-1	-5	1.23	0.2	nd	24	64	422	6.42	25	205	0.4	11	26	2.12	0.1
91-PMA-256	0.4	4.02	2.5	292	-1	-5	1.38	0.1	nd	28	62	373	6.75	24	161	0.43	11	25	2.22	0.13
91-PMA-259	0.5	3.8	2.5	239	-1	-5	0.73	0.9	nd	30	89	235	6.49	21	281	0.29	11	27	2.08	0.13
91-PMA-260	0.3	3.57	33	201	-1	-5	0.52	0.1	nd	22	101	138	5.99	19	148	0.27	11	29	1.91	0.08
91-PMA-261	0.4	3.04	2.5	196	-1	-5	0.85	0.1	nd	23	76	108	4.85	21	133	0.35	13	22	1.81	0.09
91-PMA-262	0.1	3.67	2.5	212	-1	-5	0.58	0.1	nd	29	106	195	6.2	20	257	0.27	13	25	2.08	0.15
91-PMA-264-1	0.1	2.88	2.5	155	-1	-5	3.94	0.1	nd	24	40	165	5.35	26	273	0.37	9	24	2.13	0.14
91-PMA-264-2	0.1	2.88	2.5	190	-1	-5	4.2	0.1	nd	27	40	146	5.33	25	306	0.37	9	23	2.12	0.14
91-PMA-264-3	0.2	2.81	2.5	155	-1	-5	4.77	0.1	nd	20	30	92	4.75	27	165	0.38	7	23	2.12	0.13
91-PMA-265-1	0.4	3.19	2.5	354	-1	-5	1.47	0.8	nd	40	88	148	6.03	23	241	0.33	12	29	2.54	0.18
91-PMA-265-2	0.1	2.88	2.5	272	-1	-5	2.64	0.7	nd	28	53	122	4.75	25	161	0.34	14	23	2.07	0.13
91-PMA-266-1	0.2	2.83	2.5	392	-1	-5	3.23	0.4	nd	35	91	138	5.54	24	289	0.29	12	24	2.37	0.17
91-PMA-266-2	0.3	2.7	2.5	499	-1	-5	3.09	0.3	nd	30	88	106	4.98	25	229	0.27	13	25	2.54	0.16
91-PMA-266-3	0.5	2.9	2.5	239	-1	-5	3.25	1.4	nd	37	82	160	6.01	25	390	0.28	13	25	2.47	0.17
91-PMA-266-4	0.6	2.9	54	376	-1	-5	2.49	0.1	nd	33	88	153	6.15	25	345	0.27	12	24	2.28	0.16

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-266-5	0.2	3.27	28	300	-1	-5	0.87	0.1	nd	39	93	191	7.09	19	653	0.26	14	23	2.26	0.21
91-PMA-269	0.5	4.74	2.5	291	-1	-5	1.28	0.1	nd	30	83	243	7.07	25	358	0.3	10	25	2.31	0.13
91-PMA-270	0.5	4.3	2.5	291	-1	-5	1.26	0.1	nd	42	89	204	7.64	25	97	0.28	13	35	2.53	0.14
91-PMA-271	0.6	4.01	10	220	-1	-5	0.78	0.2	nd	44	80	177	7.46	21	116	0.27	11	33	2.44	0.13
91-PMA-272	0.4	4.49	8	194	-1	-5	1	0.1	nd	35	73	303	7.48	21	356	0.46	11	30	2.59	0.17
91-PMA-273	0.4	3.33	7	164	-1	-5	0.84	0.1	nd	23	78	154	6.32	20	328	0.3	13	26	1.92	0.1
91-PMA-274	0.2	3.25	21	183	-1	-5	0.9	0.1	nd	24	77	147	6.16	19	333	0.29	14	25	1.88	0.1
91-PMA-275	0.4	4.21	35	297	-1	-5	0.68	0.1	nd	27	107	140	6.98	20	236	0.22	10	30	1.94	0.12
91-PMA-276-1	0.4	3.99	7	237	-1	-5	1.85	0.1	nd	36	78	172	6.77	25	166	0.39	11	31	2.87	0.16
91-PMA-276-2	0.4	4.07	31	279	-1	-5	1.83	0.1	nd	37	80	194	6.88	25	153	0.42	10	32	3.02	0.16
91-PMA-277-1	2.8	2.5	21	145	-1	-5	0.16	0.1	nd	18	56	261	8	13	1000	0.35	12	24	1.22	0.05
91-PMA-277-3	1.4	1.65	24	217	-1	-5	0.08	0.1	nd	5	32	209	4.11	13	1764	0.26	17	12	0.47	0.01
91-PMA-278	3.3	2.52	20	103	-1	-5	0.2	0.1	nd	18	29	244	7.04	12	1176	0.27	11	23	1.02	0.05
91-PMA-280-1	0.7	3.04	2.5	318	-1	-5	2.44	0.1	nd	37	114	116	5.85	20	186	0.28	15	30	2.83	0.16
91-PMA-280-2	0.6	3.35	22	290	-1	-5	2.19	0.1	nd	34	115	192	7.19	19	297	0.32	15	29	2.57	0.14
91-PMA-281	1	3.95	7	356	-1	-5	1.41	0.1	nd	45	102	158	7.81	22	121	0.58	22	47	3.09	0.16
91-PMA-295	0.6	3.95	34	223	-1	-5	0.89	0.1	nd	26	81	161	6.76	22	250	0.34	12	31	2.18	0.11
91-PMA-296	0.2	4.09	8	190	-1	-5	1.85	0.1	nd	34	97	152	7.31	26	222	0.27	11	30	2.54	0.13
91-PMA-297	0.4	4.23	5	202	-1	-5	2.1	0.1	nd	35	100	157	7.51	27	208	0.29	11	31	2.65	0.13
91-PMA-298-1	1.3	3.96	54	278	-1	-5	0.62	0.1	nd	46	79	192	7.16	19	236	0.37	22	35	1.93	0.1
91-PMA-298-2	0.4	4.17	2.5	202	-1	-5	0.95	0.1	nd	29	90	153	7.24	22	153	0.32	12	29	2.17	0.13
91-PMA-299	0.5	3.19	12	202	-1	-5	2.76	0.1	nd	25	52	145	5.62	24	176	0.33	12	26	1.88	0.12
91-PMA-306-3	0.8	3.1	13	252	-1	-5	0.89	0.1	nd	33	95	119	8.36	16	68	0.21	11	27	1.89	0.14
91-PMA-307	1.2	5.05	2.5	272	-1	-5	0.88	0.1	nd	56	76	559	8.42	21	78	0.37	14	42	2.38	0.14
91-PMA-308	1.1	4.81	2.5	233	-1	-5	0.71	0.1	nd	52	71	537	7.84	17	111	0.34	15	40	2.03	0.13
91-PMA-309	0.7	4.61	2.5	223	-1	-5	0.79	0.1	nd	37	46	272	8.73	19	59	0.31	11	38	2.39	0.15
91-PMA-310	1	4.39	29	262	-1	-5	0.61	0.1	nd	35	60	543	7.67	16	202	0.44	11	23	1.78	0.21
91-PMA-311	1.2	4.62	27	226	-1	-5	0.54	0.3	nd	37	59	587	8.13	15	213	0.46	12	24	1.88	0.26
91-PMA-312	0.6	3.45	18	298	-1	-5	0.62	0.1	nd	35	113	187	7.16	16	184	0.29	15	29	2.27	0.14
91-PMA-314-1	0.4	3.37	27	257	-1	-5	1.05	0.1	nd	42	96	167	6.8	21	300	0.34	11	31	2.67	0.15
91-PMA-314-2	0.6	3.19	11	272	-1	-5	1.22	0.1	nd	41	91	154	6.32	23	213	0.34	11	29	2.61	0.17
91-PMA-314-3	0.4	3.2	2.5	321	-1	-5	1.09	1.3	nd	41	96	158	6.5	21	213	0.33	13	29	2.54	0.17

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-315	0.1	2.98	7	275	-1	-5	0.79	0.1	nd	23	71	152	5.17	15	259	0.35	13	23	2.06	0.09
91-PMA-316	0.5	4.2	5	215	-1	-5	0.86	0.5	nd	28	93	236	7.18	20	152	0.54	15	34	2.53	0.13
91-PMA-319	0.6	5.64	8	76	-1	-5	0.55	0.1	nd	67	126	492	9.27	21	102	0.22	8	44	3.98	0.23
91-PMA-320	1.5	7.04	14	85	-1	-5	0.58	0.1	nd	92	168	667	10	21	68	0.25	12	53	4.36	0.27
91-PMA-321	1.1	4.77	2.5	268	-1	-5	0.86	0.1	nd	46	111	208	8.14	21	46	0.78	22	49	3.15	0.19
91-PMA-322	1.3	4.44	2.5	173	-1	-5	0.85	0.1	nd	44	107	238	8.62	20	143	0.33	16	38	2.57	0.19
91-PMA-323-1	1.3	3.44	23	310	-1	-5	1.89	0.3	nd	41	105	155	7.3	19	192	0.31	18	33	2.2	0.16
91-PMA-323-2	1.4	3.78	27	310	-1	-5	0.75	0.1	nd	40	121	180	8.23	16	227	0.31	18	31	2.06	0.16
91-PMA-324	1	4.55	24	319	-1	-5	0.9	0.1	nd	40	104	203	8.55	19	167	0.43	18	38	2.33	0.16
91-PMA-325	0.4	3.24	9	219	-1	-5	3.42	0.1	nd	23	61	113	5.43	25	74	0.37	15	29	2.12	0.13
91-PMA-326	0.4	3.12	5	206	-1	-5	3.46	0.1	nd	23	58	109	5.27	25	79	0.34	15	28	2.06	0.12
91-PMA-327	0.9	3.53	7	212	-1	-5	0.83	0.1	nd	30	62	186	7.06	19	217	0.27	13	25	1.96	0.16
91-PMA-328-1	0.2	2.93	15	220	-1	-5	2.08	0.1	nd	32	47	175	5.15	23	116	0.39	14	26	2.04	0.14
91-PMA-328-2	0.2	2.74	9	170	-1	-5	1.81	0.1	nd	30	44	152	4.87	22	148	0.37	13	24	1.97	0.13
91-PMA-328-3	0.2	2.73	11	183	-1	-5	2.31	0.2	nd	29	44	167	4.77	24	166	0.39	13	24	2.01	0.12
91-PMA-328-4	0.4	2.73	2.5	218	-1	-5	2.41	0.1	nd	31	45	157	4.81	24	180	0.36	12	23	2.01	0.14
91-PMA-329-1	0.6	3.85	2.5	325	-1	-5	1.38	0.1	nd	39	70	176	5.98	21	46	0.86	21	49	2.7	0.17
91-PMA-329-2	0.7	3.74	2.5	303	-1	-5	1.22	0.1	nd	40	70	184	5.99	20	62	0.83	20	47	2.73	0.17
91-PMA-329-3	0.8	3.87	2.5	319	-1	-5	1.17	0.1	nd	42	74	179	6.24	21	76	0.82	21	50	2.77	0.18
91-PMA-330-1	0.6	4.03	2.5	385	-1	-5	1.52	0.1	nd	44	75	175	6.49	23	281	0.89	22	53	2.99	0.19
91-PMA-330-2	0.9	4.13	8	231	-1	-5	0.6	0.1	nd	28	107	181	6.06	17	181	0.27	15	19	2.09	0.17
91-PMA-331-1	0.5	3.56	7	320	-1	-5	1.66	0.1	nd	31	83	152	6.54	24	143	0.4	16	35	2.38	0.13
91-PMA-331-2	0.4	3.55	2.5	216	-1	-5	0.77	0.2	nd	34	79	150	6.55	20	148	0.37	16	34	2.28	0.15
91-PMA-332	0.6	3.52	27	309	-1	-5	1.61	0.1	nd	31	76	148	6.5	24	180	0.41	17	35	2.38	0.13
91-PMA-333-1	0.5	3.77	41	226	-1	-5	1.13	0.1	nd	31	82	158	6.85	22	152	0.44	16	36	2.32	0.13
91-PMA-333-2	0.5	3.72	24	182	-1	-5	0.69	0.1	nd	31	78	166	6.85	19	176	0.39	17	34	2.18	0.14
91-PMA-338	0.4	2.76	33	224	-1	-5	2.58	0.1	nd	30	110	135	6.18	20	370	0.3	12	32	2.09	0.09
91-PMA-339	0.4	2.63	35	221	-1	-5	2.44	2.6	nd	29	106	133	6.03	21	370	0.28	11	31	2.03	0.09
91-PMA-340	1.2	3.33	34	336	-1	-5	0.36	0.9	nd	49	149	140	8.59	16	314	0.52	17	41	1.92	0.15
91-PMA-341	0.5	3.55	23	318	-1	-5	0.57	0.1	nd	43	115	149	8.37	18	244	0.52	21	49	2.24	0.19
91-PMA-342	0.4	3.59	2.5	530	-1	-5	0.72	0.1	nd	49	145	171	8.58	17	393	0.19	7	26	3.05	0.15
91-PMA-344-1	0.2	3.4	2.5	186	-1	-5	2.96	0.1	nd	69	300	131	6.68	23	111	0.12	5	23	6.93	0.13

NOTE : nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-344-2	0.3	3.68	14	231	-1	-5	1.55	0.1	nd	77	313	158	7.63	19	120	0.13	5	25	7.02	0.14
91-PMA-344-3	0.2	3.4	34	193	-1	-5	0.84	0.1	nd	78	352	149	7.25	15	116	0.09	4	22	7.99	0.15
91-PMA-345	0.1	3.51	24	201	-1	-5	0.77	0.1	nd	80	357	158	7.51	17	125	0.1	6	23	7.76	0.15
91-PMA-346-1	0.5	2.97	2.5	231	-1	-5	1.87	0.1	nd	34	118	110	6.6	23	231	0.3	14	32	2.65	0.12
91-PMA-346-2	0.3	3.63	11	316	-1	-5	0.98	0.1	nd	45	160	148	8.02	21	180	0.24	11	34	3.51	0.14
91-PMA-347	0.3	2.96	19	245	-1	-5	1.88	0.1	nd	34	117	107	6.51	22	231	0.3	15	33	2.62	0.12
91-PMA-348-1	0.1	3.59	8	471	-1	-5	3.37	0.6	nd	33	108	106	7.07	25	152	0.68	23	52	2.47	0.13
91-PMA-348-2	0.4	3.36	11	382	-1	-5	1.99	0.1	nd	40	102	116	7.42	23	152	0.58	21	49	2.35	0.15
91-PMA-348-3	0.4	3.93	11	406	-1	-5	2.82	0.1	nd	42	128	113	7.42	27	116	0.77	24	58	2.97	0.15
91-PMA-348-4	0.4	3.53	46	360	-1	-5	2.13	0.1	nd	36	104	92	6.89	24	120	0.75	24	56	2.47	0.14
91-PMA-348-5	0.3	3.46	37	373	-1	-5	2.19	0.1	nd	43	102	108	7.2	23	152	0.65	24	53	2.43	0.14
91-PMA-348-6	0.6	3.53	24	320	-1	-5	1.96	0.1	nd	46	98	146	8.86	24	162	0.72	23	55	2.32	0.18
91-PMA-349-1	0.8	2.51	30	142	-1	-5	2.17	1.9	nd	29	114	89	4.85	21	356	0.33	15	32	2.33	0.09
91-PMA-349-2	0.9	1.94	37	140	-1	-5	1.38	0.4	nd	33	81	83	4	16	305	0.29	12	25	1.66	0.07
91-PMA-349-3	0.4	2.42	24	245	-1	-5	0.54	0.8	nd	46	109	199	8.19	14	245	0.27	14	21	1.66	0.16
91-PMA-352	0.9	4.13	2.5	236	-1	-5	0.22	0.1	nd	43	92	117	9.09	15	49	1.25	33	64	1.83	0.14
91-PMA-353	0.9	4.1	2.5	216	-1	-5	0.22	0.1	nd	41	87	111	8.97	15	43	1.27	33	64	1.84	0.13
91-PMA-354	0.7	4.01	17	356	-1	-5	0.76	0.1	nd	38	127	138	8.48	18	184	0.54	20	40	2.13	0.13
91-PMA-355	0.7	3.89	19	330	-1	-5	0.76	0.1	nd	39	127	130	8.34	17	176	0.52	20	40	2.1	0.14
91-PMA-356-01	1	4.09	20	252	-1	-5	0.73	0.1	nd	43	109	227	7.92	18	170	0.35	14	31	2.14	0.21
91-PMA-356-02	1	4.3	40	218	-1	-5	1.22	0.1	nd	90	127	419	9.34	19	135	0.51	8	41	2.63	0.19
91-PMA-356-03	1	4.46	22	258	-1	-5	0.77	0.1	nd	37	122	289	8.43	18	246	0.37	12	32	2.08	0.13
91-PMA-356-04	1.1	3.95	27	224	-1	-5	1.08	0.1	nd	90	115	280	8.29	19	252	0.42	9	29	2.22	0.17
91-PMA-356-05	0.9	4.06	2.5	226	-1	-5	1.11	0.1	nd	61	104	477	8.81	21	131	0.57	6	28	2.47	0.17
91-PMA-356-06	0.7	3.9	16	202	-1	-5	1.21	0.1	nd	73	97	236	7.45	22	291	0.51	8	32	2.71	0.16
91-PMA-356-07	0.7	4.29	34	205	-1	-5	0.75	0.1	nd	66	111	318	9.27	20	157	0.8	4	37	2.99	0.21
91-PMA-356-08	0.4	3.58	7	199	-1	-5	1.16	0.1	nd	74	97	216	6.94	20	296	0.39	8	25	2.38	0.16
91-PMA-356-09	0.7	4.3	11	224	-1	-5	0.86	0.1	nd	40	123	355	8.98	21	203	0.5	8	33	2.7	0.14
91-PMA-356-10	0.4	4.21	2.5	291	-1	-5	1.2	0.1	nd	112	145	335	8.85	23	171	0.68	6	39	3.08	0.26
91-PMA-356-11	0.6	4.05	2.5	197	-1	-5	0.68	0.1	nd	37	127	295	7.82	20	143	0.4	7	31	2.59	0.14
91-PMA-356-12	0.9	4.08	44	215	-1	-5	0.84	0.1	nd	124	128	581	8.43	21	222	0.58	5	31	2.81	0.19
91-PMA-356-13	0.9	4.31	72	231	-1	-5	0.93	0.1	nd	78	141	570	8.6	22	171	0.54	6	32	2.86	0.26
91-PMA-356-14	0.8	4.54	32	216	-1	-5	0.8	0.1	nd	78	140	519	8.64	20	208	0.69	5	33	3.05	0.26

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-356-15	1.8	4.72	34	222	-1	-5	0.93	0.1	nd	111	138	478	9.9	19	227	0.63	10	34	2.47	0.2
91-PMA-356-16	0.9	5.41	96	178	-1	-5	1	0.1	nd	72	134	674	8.81	19	78	0.4	12	34	2.16	0.25
91-PMA-356-17	0.7	6.44	155	209	-1	-5	0.73	0.1	nd	101	106	859	9.37	17	38	0.39	8	24	1.73	0.18
91-PMA-356-18	1	6.15	102	196	-1	-5	1.05	0.1	nd	63	105	938	9.56	19	57	0.4	8	26	1.88	0.16
91-PMA-356-19	1.2	4.41	49	205	-1	-5	0.96	0.1	nd	127	105	937	8.17	20	165	0.4	11	31	2.07	0.15
91-PMA-356-20	1.1	4.24	49	277	-1	-5	1.04	0.1	nd	92	99	663	7.94	19	173	0.35	11	30	2.02	0.15
91-PMA-358	0.8	3.68	14	137	-1	-5	0.65	0.1	nd	50	110	145	9.89	16	170	0.47	21	37	1.88	0.17
91-PMA-359	1.2	3.8	2.5	135	-1	-5	0.7	0.1	nd	50	117	141	9.92	16	154	0.5	22	39	1.95	0.16
91-PMA-362	0.7	3.56	6	233	-1	-5	2.69	0.1	nd	41	152	165	7.47	20	275	0.2	12	35	2.88	0.12
91-PMA-363	0.7	3.36	2.5	215	-1	-5	2.91	0.1	nd	36	132	129	6.75	19	216	0.19	13	34	2.64	0.12
91-PMA-364	0.6	3.28	26	225	-1	-5	2.75	0.1	nd	44	148	111	6.6	18	173	0.27	17	30	2.61	0.14
91-PMA-365	0.2	2.87	20	169	-1	-5	6.76	0.1	nd	47	176	94	5.87	12	281	0.23	15	26	2.57	0.11
91-PMA-366	0.3	2.61	11	141	-1	-5	6.97	0.1	nd	44	162	85	5.42	11	257	0.2	14	24	2.4	0.1
91-PMA-367-1	0.9	3.91	2.5	420	-1	-5	2.79	0.1	nd	39	101	84	6.9	21	62	0.99	21	54	2.14	0.13
91-PMA-367-2	0.7	3.92	2.5	387	-1	-5	2.39	0.1	nd	39	107	91	7.06	21	81	1.02	20	52	2.09	0.13
91-PMA-368	0.7	3.88	2.5	378	-1	-5	2.83	0.1	nd	39	103	80	6.83	22	54	0.99	20	54	2.18	0.12
91-PMA-370-1	0.6	3.06	2.5	673	-1	-5	3.27	2.4	nd	30	79	95	6.15	24	365	0.55	18	37	1.71	0.11
91-PMA-370-2	0.5	3.08	2.5	449	-1	-5	2.97	1.7	nd	29	80	92	6.04	24	152	0.61	18	39	1.82	0.11
91-PMA-370-3	0.6	2.77	2.5	332	-1	-5	3.41	0.7	nd	32	83	88	5.71	24	161	0.53	18	35	1.8	0.12
91-PMA-371	0.5	3.41	25	508	-1	-5	2.45	0.4	nd	36	106	137	6.92	23	296	0.32	12	29	2.14	0.13
91-PMA-372	0.5	5.17	2.5	330	-1	-5	0.8	0.1	nd	40	90	243	7.46	22	291	0.24	10	24	1.75	0.14
91-PMA-373	0.5	5.64	2.5	329	-1	-5	0.73	0.1	nd	25	80	237	6.38	22	393	0.25	8	22	1.63	0.12
91-PMA-374	0.5	4.89	2.5	250	-1	-5	0.81	0.1	nd	38	69	229	6.66	23	152	0.28	9	24	2.04	0.18
91-PMA-375-1	0.9	3.4	28	456	-1	-5	2.06	0.2	nd	45	110	143	6.71	25	245	0.24	9	28	3.17	0.14
91-PMA-375-2	0.7	3.61	2.5	234	-1	-5	2.65	1.3	nd	41	122	194	7.81	24	369	0.23	7	27	3.09	0.14
91-PMA-376	0.4	3.45	40	222	-1	-5	2.6	0.1	nd	40	117	164	7.36	23	300	0.23	7	27	2.94	0.13
91-PMA-377	1.4	2.18	48	164	-1	-5	0.94	0.1	nd	55	58	190	6.45	15	860	0.24	5	25	1.61	0.13
91-PMA-378	1	2.95	9	383	-1	-5	0.71	1.8	nd	28	83	131	6.54	17	268	0.31	13	24	1.58	0.13
91-PMA-383	0.4	4.86	7	516	-1	-5	0.54	0.1	nd	33	116	109	7.81	26	111	1.54	21	51	2.71	0.12
91-PMA-384	0.5	5.16	10	540	-1	-5	0.56	0.1	nd	34	123	123	8.13	27	106	1.6	21	54	2.81	0.12
91-PMA-392	0.6	4	18	299	-1	-5	0.35	0.1	nd	39	133	76	6.76	16	111	0.47	19	54	1.81	0.15
91-PMA-393	0.6	3.85	18	272	-1	-5	0.35	0.1	nd	39	125	72	6.57	16	111	0.47	20	52	1.75	0.15

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-394	0.6	3.66	10	307	-1	-5	2.52	0.1	nd	30	106	84	6.91	19	62	0.7	21	53	1.78	0.11
91-PMA-395-1	0.3	3.04	2.5	252	-1	-5	2.87	0.1	nd	24	57	51	5.23	18	43	0.74	17	60	1.34	0.09
91-PMA-395-2	0.7	3.59	9	298	-1	-5	0.55	0.1	nd	29	101	72	6.44	16	86	0.66	18	54	1.58	0.11
91-PMA-398	0.7	5.27	2.5	222	-1	-5	0.12	0.1	nd	34	90	128	9.55	16	22	1.93	30	87	2.22	0.08
91-PMA-399	0.8	5.66	2.5	302	-1	-5	2.07	0.2	nd	41	104	110	9.45	25	27	2.27	34	139	2.5	0.09
91-PMA-400	0.3	4.15	5	544	-1	-5	3.48	0.1	nd	31	89	85	6.74	27	55	0.95	16	68	2.28	0.12
91-PMA-401	0.1	4.32	12	605	-1	-5	3.79	0.1	nd	29	92	85	6.91	27	60	1	18	71	2.35	0.12
91-PMA-402	0.5	4.79	11	275	-1	-5	0.23	0.1	nd	34	85	101	8.58	20	37	1.56	26	85	2.37	0.1
91-PMA-403	0.9	4.37	9	358	-1	-5	0.58	0.1	nd	37	121	115	8.22	22	162	0.96	21	63	2.4	0.13
91-PMA-404	0.4	4.76	6	204	-1	-5	0.08	0.1	nd	29	78	62	6.7	18	23	1.78	29	103	2.32	0.08
91-PMA-405-1	0.6	4.36	10	196	-1	-5	0.89	0.1	nd	39	115	263	8	23	129	0.88	6	30	2.85	0.17
91-PMA-405-2	0.7	4.2	28	188	-1	-5	0.64	0.1	nd	32	97	384	7.78	20	337	0.72	5	26	2.27	0.14
91-PMA-406-1	0.6	4.9	7	300	-1	-5	0.8	0.1	nd	37	106	412	8.7	23	236	1.03	4	32	2.92	0.15
91-PMA-406-2	0.7	4.41	12	312	-1	-5	1.22	0.1	nd	33	103	376	7.62	24	282	0.73	6	34	2.66	0.13
91-PMA-406-3	0.8	4.24	10	312	-1	-5	1.13	0.1	nd	33	97	391	7.47	23	300	0.61	6	33	2.51	0.13
91-PMA-407	0.7	5.25	28	381	-1	-5	1.38	0.1	nd	51	157	473	9.96	24	134	0.56	2	33	2.79	0.16
91-PMA-408-1	0.5	5.14	16	242	-1	-5	1.28	0.1	nd	36	104	231	9.52	26	240	1.31	2	41	3.65	0.16
91-PMA-408-2	0.4	5.13	2.5	218	-1	-5	1.45	0.1	nd	33	109	155	8.88	27	139	1.13	4	41	3.49	0.15
91-PMA-408-3	0.4	6.01	2.5	225	-1	-5	1.57	0.1	nd	31	130	180	10	29	97	2.04	-1	49	4.44	0.14
91-PMA-408-4	0.7	5.87	2.5	316	-1	-5	1.34	0.1	nd	29	129	247	10	27	254	1.87	-1	45	4.02	0.19
91-PMA-409	1.5	4.84	2.5	292	-1	-5	0.95	0.1	nd	58	206	490	9.1	23	174	1.04	1	28	4.11	0.26
91-PMA-410-1	0.4	4.3	8	298	-1	-5	0.86	0.1	nd	37	149	262	7.11	22	239	0.72	9	33	2.99	0.13
91-PMA-410-2	0.2	4.18	2.5	322	-1	-5	1.28	0.1	nd	35	118	235	7.06	23	294	0.63	10	35	2.61	0.14
91-PMA-410-3	0.5	3.46	10	244	-1	-5	1.05	0.1	nd	25	78	186	6.09	22	155	0.43	12	25	2.13	0.13
91-PMA-411-1	0.5	3.77	19	321	-1	-5	1	0.1	nd	30	83	185	6.76	21	261	0.35	11	27	2.28	0.14
91-PMA-411-2	0.4	3.95	2.5	329	-1	-5	1.01	0.1	nd	29	87	213	7.17	22	283	0.33	10	28	2.23	0.13
91-PMA-411-3	0.6	4.01	34	221	-1	-5	0.79	0.1	nd	28	88	207	7.09	21	289	0.36	10	29	2.28	0.12
91-PMA-411-4	0.4	4.12	2.5	336	-1	-5	0.97	0.1	nd	27	92	212	7.05	21	278	0.3	9	27	2.19	0.12
91-PMA-411-5	0.5	4.09	2.5	222	-1	-5	0.75	0.1	nd	26	91	206	6.83	21	250	0.34	10	27	2.14	0.11
91-PMA-411-6	0.4	4.05	2.5	251	-1	-5	1.12	0.1	nd	31	86	208	7.05	22	289	0.42	9	30	2.37	0.14
91-PMA-411-7	0.6	4.74	2.5	241	-1	-5	0.9	0.1	nd	46	85	297	8.53	23	222	0.74	5	34	3.04	0.23
91-PMA-411-8	0.6	4.12	2.5	255	-1	-5	0.87	0.1	nd	31	91	246	7.05	21	294	0.35	9	30	2.24	0.13

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-412-1	0.4	5.59	2.5	176	-1	-5	0.57	0.1	nd	35	94	238	6.87	21	66	0.34	5	25	2.29	0.14
91-PMA-412-2	0.3	4.56	2.5	329	-1	-5	0.79	0.1	nd	28	102	222	7.19	22	383	0.4	6	25	2.34	0.14
91-PMA-417-1	0.5	5.15	7	294	-1	-5	0.89	0.1	nd	48	108	495	7.89	24	121	1.09	3	30	3.84	0.19
91-PMA-417-2	0.3	4.86	2.5	267	-1	-5	0.92	0.1	nd	47	108	437	7.57	22	94	0.91	4	30	3.6	0.2
91-PMA-417-3	0.2	5.06	2.5	316	-1	-5	1.33	0.1	nd	53	117	358	8	26	72	1.4	4	34	4.41	0.18
91-PMA-418-1	0.6	3.79	28	229	-1	-5	2.65	0.1	nd	40	72	332	6.15	24	133	0.93	7	26	3.22	0.16
91-PMA-418-2	0.6	4.68	12	295	-1	-5	1.24	0.1	nd	44	105	278	7.59	25	161	0.6	10	37	3.32	0.14
91-PMA-418-4	0.3	3.74	15	104	-1	-5	2.2	0.1	nd	56	86	284	8.48	23	72	0.59	2	30	2.97	0.25
91-PMA-419	0.7	5.15	5	180	-1	-5	0.75	0.1	nd	51	132	330	9.01	22	139	0.57	7	43	3.64	0.18
91-PMA-420-1	0.9	4.53	8	346	-1	-5	1.16	0.1	nd	52	115	728	7.83	23	194	0.75	8	30	3.79	0.28
91-PMA-420-2	0.6	3.81	9	140	-1	-5	0.98	0.1	nd	41	95	631	6.22	21	111	0.73	8	26	3.6	0.18
91-PMA-420-3	0.7	4.82	5	297	-1	-5	1.01	0.1	nd	56	143	379	7.31	24	67	1.24	3	32	4.7	0.18
91-PMA-420-4	0.4	4.76	11	280	-1	-5	0.92	0.1	nd	52	139	382	7.3	24	105	1.29	3	32	4.55	0.16
91-PMA-420-5	0.6	4.72	11	263	-1	-5	0.91	0.1	nd	51	133	426	7.38	24	111	1.29	5	31	4.43	0.18
91-PMA-420-6	1.1	4.44	9	360	-1	-5	0.68	0.1	nd	49	97	564	8.14	20	150	0.72	5	28	3.49	0.23
91-PMA-421	0.4	4.51	6	230	-1	-5	0.96	0.1	nd	47	115	254	7.65	22	89	0.6	6	35	3.51	0.2
91-PMA-422-1	0.6	3.31	12	117	-1	-5	0.85	0.1	nd	36	51	378	7.75	20	144	0.5	4	17	1.94	0.16
91-PMA-422-2	0.8	3.94	15	264	-1	-5	1.99	0.1	nd	41	71	612	7.27	25	111	0.7	4	31	3.18	0.12
91-PMA-422-3	1	3.76	20	246	-1	-5	1.04	0.1	nd	58	69	690	8.84	22	239	0.57	4	25	2.84	0.25
91-PMA-422-4	1.3	4.58	43	163	-1	-5	1.38	0.1	nd	52	65	437	9.84	21	228	0.77	6	31	2.81	0.25
91-PMA-423	0.9	4.62	2.5	297	-1	-5	0.92	0.1	nd	41	96	441	8.43	22	161	0.61	3	33	3.04	0.16
91-PMA-424	0.7	4.82	2.5	190	-1	-5	0.59	0.1	nd	43	73	393	7.12	19	227	0.56	12	26	2.14	0.21
91-PMA-425-1	1.1	3.88	2.5	156	-1	-5	0.61	0.1	nd	32	39	410	6.3	18	216	0.65	14	21	1.56	0.18
91-PMA-425-2	0.9	4.15	2.5	173	-1	-5	0.6	0.1	nd	31	44	493	6.77	19	219	0.71	12	21	1.69	0.2
91-PMA-425-3	0.9	3.71	2.5	154	-1	-5	0.53	0.1	nd	31	42	420	6.44	16	208	0.55	12	17	1.4	0.2
91-PMA-425-4	0.4	4.24	2.5	153	-1	-5	0.47	0.1	nd	37	45	450	6.67	17	194	0.54	11	20	1.64	0.26
91-PMA-426-1	0.9	3.78	2.5	211	-1	-5	0.63	0.1	nd	25	39	428	6.92	18	194	0.64	12	22	1.69	0.17
91-PMA-426-2	0.8	3.88	2.5	243	-1	-5	0.55	0.1	nd	24	47	356	6.47	18	203	0.65	11	20	1.6	0.14
91-PMA-426-3	0.9	4.39	2.5	158	-1	-5	0.61	0.1	nd	25	40	464	7.54	18	135	0.43	9	30	2.05	0.21
91-PMA-427-1	0.7	3.05	2.5	329	-1	-5	0.89	0.1	nd	38	88	178	6.46	16	248	0.32	12	28	1.72	0.13
91-PMA-429-1	0.7	3.67	2.5	204	-1	-5	3.97	0.1	nd	44	81	369	7.78	18	70	0.62	7	29	2.28	0.15
91-PMA-429-2	0.1	3.12	2.5	185	-1	-5	4.83	0.1	nd	33	41	274	5.72	25	39	0.73	5	22	2.39	0.14

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn
91-PMA-429-3	0.2	3.17	2.5	156	-1	-5	3.65	0.1	nd	33	41	295	5.9	25	39	0.74	5	22	2.43	0.14
91-PMA-429-4	0.9	3.91	2.5	186	-1	-5	0.54	0.1	nd	42	60	618	7.41	19	111	0.7	4	24	2.93	0.2
91-PMA-429-5	0.1	3.34	2.5	219	-1	-5	4.98	0.1	nd	36	46	290	5.84	26	44	0.78	5	25	2.79	0.16
91-PMA-429-6	0.5	3.62	11	209	-1	-5	0.72	0.1	nd	38	48	355	6.96	20	61	0.74	5	25	2.71	0.15
91-PMA-430-1	0.3	4.16	7	262	-1	-5	1.62	0.1	nd	45	84	327	7.05	25	100	0.94	8	29	3.35	0.19
91-PMA-430-2	0.4	3.87	9	171	-1	-5	1.31	0.1	nd	38	75	312	7.16	22	100	0.6	6	31	2.9	0.14
91-PMA-430-3	0.4	4.2	8	165	-1	-5	1.38	0.1	nd	41	92	252	7.45	22	117	0.54	4	32	3.11	0.15
91-PMA-430-4	0.1	3.68	19	155	-1	-5	3.02	0.1	nd	40	70	288	6.72	26	72	0.69	5	30	2.94	0.15
91-PMA-431-1	0.7	4.05	9	139	-1	-5	0.66	0.1	nd	46	92	323	7.51	20	144	0.54	5	30	3.11	0.2
91-PMA-431-2	0.5	4.19	9	232	-1	-5	0.92	0.1	nd	43	68	308	6.85	22	128	0.86	8	29	3.01	0.17
91-PMA-431-3	0.4	4.25	5	174	-1	-5	2.35	0.3	nd	37	89	197	7.23	25	100	0.45	4	32	2.96	0.15
91-PMA-431-4	0.2	4.14	11	204	-1	-5	2.47	0.1	nd	39	87	235	7.15	26	94	0.52	5	33	3	0.15
91-PMA-431-5	0.6	4.71	10	229	-1	-5	0.57	0.1	nd	41	94	259	8.24	19	133	0.41	5	37	2.83	0.16
91-PMA-431-6	0.3	2.89	2.5	142	-1	-5	7.76	0.1	nd	28	58	254	6.04	20	61	0.61	7	21	2.21	0.1

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
90-PMA-009	3	nd	5	47	19	10	5	14	-20	77	-1	-10	-1	99	-10	16	144	17
90-PMA-020	3	nd	4	49	17	10	2.5	13	-20	82	-1	-10	-1	100	-10	16	126	16
90-PMA-026	2	nd	5	38	16	10	2.5	11	-20	90	-1	-10	-1	87	-10	16	122	20
90-PMA-028-1	1	nd	5	48	13	10	2.5	12	-20	87	-1	-10	-1	97	-10	17	137	22
90-PMA-028-2	2	nd	5	45	15	10	2.5	15	-20	89	-1	-10	-1	99	-10	17	138	20
90-PMA-035	2	nd	5	44	17	40	2.5	18	-20	91	-10	-10	-1	97	-10	18	105	14
90-PMA-036	2	nd	5	41	12	10	2.5	14	-20	93	-1	-10	-1	96	-10	17	113	20
90-PMA-050	26	nd	7	26	14	55	2.5	12	-20	107	-1	-10	-1	71	-10	28	137	27
90-PMA-052	0.5	nd	5	38	11	10	2.5	14	-20	100	-1	-10	-1	93	-10	18	108	10
90-PMA-055	1	nd	7	36	11	10	2.5	16	-20	206	-1	-10	-1	88	-10	28	87	10
90-PMA-057	2	nd	5	36	11	10	2.5	16	-20	137	-1	-10	-1	84	-10	22	92	19
90-PMA-062	2	nd	4	49	16	43	2.5	16	-20	85	-1	-10	-1	109	-10	18	135	21
90-PMA-063	2	nd	6	41	16	25	2.5	17	-20	119	-1	-10	-1	115	-10	18	137	14
90-PMA-065	2	nd	5	51	18	43	2.5	14	-20	87	-10	-10	-1	108	-10	19	146	9
90-PMA-068	1	nd	4	40	16	10	2.5	13	-20	109	-1	-10	-1	97	-10	18	136	20
90-PMA-073-1	2	nd	5	102	15	20	2.5	14	-20	72	-10	-10	-1	115	-10	17	162	15
90-PMA-077	2	nd	7	120	15	10	2.5	17	-20	81	-1	-10	-1	101	-10	21	131	10
90-PMA-078	2	nd	5	39	16	10	2.5	12	-20	105	-1	-10	-1	92	-10	20	156	19
90-PMA-081	4	nd	7	37	20	41	2.5	15	-20	123	-10	-10	-1	95	-10	19	155	16
90-PMA-086	3	nd	3	24	18	10	2.5	14	-20	46	-10	-10	-1	69	-10	19	123	9
90-PMA-088	2	nd	6	30	14	65	2.5	15	-20	214	-1	-10	-1	95	-10	21	99	22
90-PMA-089	4	nd	4	21	14	37	2.5	12	-20	77	-1	-10	-1	84	-10	17	104	18
90-PMA-095	2	nd	5	51	16	10	2.5	17	-20	99	-10	-10	-1	114	-10	21	149	10
90-PMA-097	1	nd	5	49	22	28	2.5	22	-20	91	-1	-10	-1	103	-10	20	152	12
90-PMA-098	2	nd	5	48	19	10	2.5	17	-20	65	-1	-10	-1	97	-10	23	130	13
90-PMA-099	1	nd	6	54	59	10	2.5	13	-20	92	-1	-10	-1	93	-10	21	219	8
90-PMA-101	2	nd	5	44	10	10	2.5	13	-20	132	-1	-10	-1	86	-10	27	137	11
90-PMA-103	0.5	nd	4	55	14	10	2.5	18	-20	81	-1	-10	-1	120	-10	16	155	12
90-PMA-105	2	nd	5	52	13	10	2.5	17	-20	72	-1	-10	-1	113	-10	17	144	12
90-PMA-107	3	nd	6	54	16	10	2.5	20	-20	96	-1	-10	-1	121	-10	21	129	16
90-PMA-115	2	nd	5	44	9	10	2.5	19	-20	103	-1	-10	-1	97	-10	26	105	12
90-PMA-117	0.5	nd	4	45	14	45	2.5	21	-20	113	-1	-10	-1	100	-10	18	113	16

NOTE: nd : no data.

<2 μm - ICP-AES

Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
90-PMA-118	1	nd	5	55	15	10	2.5	20	-20	67	-1	-10	-1	119	-10	17	153	8
90-PMA-122	2	nd	5	44	11	10	2.5	20	-20	139	-10	-10	-1	108	-10	20	125	9
90-PMA-123	0.5	nd	6	41	16	10	2.5	17	-20	105	-1	-10	-1	132	-10	21	162	9
90-PMA-125	1	nd	8	39	17	25	2.5	15	-20	100	-10	-10	-1	145	-10	19	165	15
90-PMA-127	3	nd	5	40	11	10	2.5	18	-20	103	-1	-10	-1	90	-10	21	103	15
90-PMA-131	2	nd	5	55	16	39	2.5	19	-20	75	-1	-10	-1	111	-10	17	169	15
90-PMA-133	3	nd	5	64	17	10	2.5	15	-20	74	-1	-10	-1	114	-10	16	169	16
90-PMA-135	1	nd	5	45	13	10	2.5	13	-20	155	-1	-10	-1	106	-10	20	124	12
90-PMA-136	2	nd	6	80	11	10	2.5	20	-20	115	-1	-10	-1	118	-10	21	131	18
90-PMA-139	1	nd	5	77	11	10	2.5	19	-20	113	-1	-10	-1	121	-10	22	153	13
90-PMA-141	3	nd	5	45	19	45	2.5	15	-20	55	-1	-10	-1	106	-10	18	154	22
90-PMA-142	3	nd	6	44	15	10	2.5	14	-20	92	-1	-10	-1	108	-10	18	147	24
90-PMA-144	1	nd	5	32	10	10	2.5	11	-20	141	-1	-10	-1	80	-10	28	90	20
90-PMA-146-2	0.5	nd	5	51	11	10	2.5	19	-20	103	-1	-10	-1	117	-10	19	128	13
90-PMA-150	2	nd	6	36	13	10	2.5	15	-20	214	-1	-10	-1	104	-10	21	156	14
90-PMA-153	0.5	nd	6	52	12	10	2.5	18	-20	119	-1	-10	-1	108	-10	21	130	24
90-PMA-159	1	nd	6	55	12	10	2.5	17	-20	138	-1	-10	-1	111	-10	21	128	21
90-PMA-160	0.5	nd	6	43	10	10	2.5	15	-20	104	-10	-10	-1	106	-10	22	130	15
90-PMA-161	0.5	nd	7	48	12	10	2.5	16	-20	102	-1	-10	-1	126	-10	21	140	23
90-PMA-165	2	nd	5	49	15	10	6	19	-20	87	-1	-10	-1	105	-10	15	144	13
90-PMA-169	1	nd	7	42	15	10	2.5	12	-20	138	-10	-10	-1	115	-10	20	136	25
90-PMA-171	6	nd	5	39	17	10	2.5	16	-20	85	-1	-10	-1	121	-10	17	229	16
90-PMA-172	2	nd	5	36	13	10	2.5	17	-20	83	-1	-10	-1	123	-10	19	138	22
90-PMA-175	2	nd	4	53	11	27	2.5	21	-20	82	-1	-10	-1	115	-10	15	115	14
90-PMA-176	3	nd	5	69	14	39	2.5	14	-20	76	-10	-10	-1	105	-10	15	158	16
90-PMA-178	1	nd	5	61	12	10	2.5	16	-20	90	-1	-10	-1	113	-10	17	144	15
90-PMA-182-1	3	nd	7	63	12	75	2.5	18	-20	145	-1	-10	-1	102	-10	28	110	25
90-PMA-182-2	1	nd	6	58	10	42	2.5	21	-20	96	-1	-10	-1	97	-10	24	100	21
90-PMA-186	2	nd	6	115	12	53	2.5	17	-20	89	-1	-10	-1	97	-10	18	145	21
90-PMA-188	2	nd	5	100	15	10	2.5	15	-20	70	-1	-10	-1	121	-10	16	147	24
90-PMA-189	2	nd	5	161	14	27	2.5	17	-20	66	-1	-10	-1	119	-10	16	165	24
90-PMA-195	3	nd	6	257	13	37	2.5	14	-20	71	-1	-10	-1	136	-10	15	170	12

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
90-PMA-198	4	nd	6	118	24	10	2.5	15	-20	49	-1	-10	-1	118	-10	12	86	8
90-PMA-204	5	nd	6	80	17	10	2.5	18	-20	74	-1	-10	-1	135	-10	18	174	12
90-PMA-206	3	nd	8	121	13	10	2.5	13	-20	104	-1	-10	-1	105	-10	20	149	9
90-PMA-210	0.5	nd	7	268	17	10	2.5	14	-20	70	-1	-10	-1	114	-10	15	166	8
90-PMA-215	2	nd	7	241	12	47	2.5	12	-20	82	-1	-10	-1	110	-10	14	177	15
90-PMA-218	2	nd	5	154	16	10	7	14	-20	67	-10	-10	-1	115	-10	15	162	14
90-PMA-220	3	nd	7	139	15	10	2.5	12	-20	105	-10	-10	-1	105	-10	15	143	14
90-PMA-223	2	nd	6	91	16	28	2.5	14	-20	77	-10	-10	-1	117	-10	16	150	15
90-PMA-224	0.5	nd	5	95	14	10	2.5	15	-20	72	-1	-10	-1	122	-10	16	156	14
90-PMA-226	2	nd	6	150	10	10	2.5	14	-20	68	-1	-10	-1	111	-10	16	149	15
90-PMA-229	7	0.95	4	231	35	nd	15	11	-20	44	-10	-10	0.1	77	-20	11	235	19
91-PMA-003	6	0.18	4	207	30	nd	2.5	13	-20	69	-10	-10	0.1	84	-20	13	188	23
91-PMA-007	4	1.01	3	546	32	nd	21	15	-20	40	-10	-10	0.11	103	-20	12	168	18
91-PMA-009	3	0.78	4	281	32	nd	12	12	-20	49	-10	-10	0.12	94	-20	12	166	19
91-PMA-016	0.5	0.91	4	97	29	nd	2.5	14	-20	75	-10	-10	0.14	97	-20	14	151	34
91-PMA-017	3	1.05	3	120	25	nd	2.5	12	-20	44	-10	-10	0.13	96	-20	9	165	25
91-PMA-019	5	0.96	8	73	34	nd	2.5	20	-20	85	-10	-10	0.23	90	-20	24	106	41
91-PMA-023	5	0.79	6	53	43	nd	6	14	-20	78	-10	-10	0.15	97	-20	18	164	34
91-PMA-026	9	1.2	6	48	35	nd	2.5	13	-20	81	-10	-10	0.21	78	-20	18	140	33
91-PMA-027	0.5	1.11	6	50	35	nd	2.5	13	-20	73	-10	-10	0.19	78	-20	17	139	29
91-PMA-028	6	1.33	7	48	24	nd	2.5	17	-20	79	-10	-10	0.29	85	-20	21	124	31
91-PMA-031	2	1.22	6	54	32	nd	2.5	11	-20	77	-10	-10	0.18	78	-20	22	124	30
91-PMA-038	4	1.23	4	67	30	nd	2.5	11	-20	50	-10	-10	0.11	94	-20	11	172	20
91-PMA-040	0.5	1.37	5	65	36	nd	15	12	-20	54	-10	-10	0.07	93	-20	13	196	6
91-PMA-041	0.5	1.62	5	81	35	nd	13	13	-20	43	-10	-10	0.08	95	-20	12	194	3
91-PMA-042	0.5	1.48	6	40	29	nd	15	10	-20	110	-10	-10	0.16	68	-20	17	127	4
91-PMA-046	2	1.46	4	121	33	nd	14	8	-20	47	-10	-10	0.05	85	-20	10	194	3
91-PMA-049	0.5	0.75	4	140	36	nd	13	8	-20	45	-10	-10	0.08	90	-20	11	200	12
91-PMA-053	2	1.44	5	48	30	nd	12	12	-20	46	-10	-10	0.09	90	-20	15	176	12
91-PMA-054	9	0.73	5	64	31	nd	2.5	15	-20	58	-10	-10	0.11	102	-20	18	268	17
91-PMA-058	5	0.55	4	61	31	nd	2.5	13	-20	72	-10	-10	0.21	125	-20	13	210	24
91-PMA-059	2	0.83	4	66	27	nd	6	13	-20	61	-10	-10	0.19	124	-20	13	200	21

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-060	7	0.79	4	70	27	nd	6	15	-20	63	-10	-10	0.25	141	-20	12	200	18
91-PMA-063	9	0.43	4	57	27	nd	9	11	-20	78	-10	-10	0.18	114	-20	12	195	20
91-PMA-064	0.5	0.74	3	68	32	nd	2.5	14	-20	70	-10	-10	0.24	133	-20	12	209	23
91-PMA-065	2	0.52	4	88	24	nd	2.5	9	-20	68	-10	-10	0.09	82	-20	10	246	17
91-PMA-068	2	0.64	4	59	29	nd	2.5	12	-20	65	-10	-10	0.09	101	-20	13	184	16
91-PMA-069-1	4	0.63	4	56	30	nd	2.5	10	-20	64	-10	-10	0.11	98	-20	12	191	17
91-PMA-069-2	6	1.09	3	65	24	nd	2.5	12	-20	44	-10	-10	0.09	102	-20	12	183	15
91-PMA-070	6	0.46	4	77	29	nd	5	9	-20	73	-10	-10	0.12	96	-20	12	213	14
91-PMA-071	3	0.51	3	65	22	nd	2.5	17	-20	69	-10	-10	0.23	141	-20	16	148	12
91-PMA-073-1	8	0.24	5	58	25	nd	11	12	-20	106	-10	-10	0.13	109	-20	13	177	25
91-PMA-073-2	8	0.83	5	56	28	nd	2.5	12	-20	85	-10	-10	0.16	113	-20	12	170	24
91-PMA-073-3	3	0.29	4	57	23	nd	2.5	13	-20	95	-10	-10	0.14	115	-20	14	176	21
91-PMA-073-4	5	0.88	4	57	25	nd	2.5	13	-20	77	-10	-10	0.13	112	-20	14	171	16
91-PMA-074	6	0.2	4	59	28	nd	2.5	13	-20	76	-10	-10	0.11	108	-20	14	180	19
91-PMA-075	7	0.85	5	49	30	nd	2.5	13	-20	87	-10	-10	0.12	99	-20	13	181	27
91-PMA-079	1	0.26	4	49	30	nd	2.5	12	-20	60	-10	-10	0.07	91	-20	12	171	18
91-PMA-080	0.5	0.78	3	217	30	nd	2.5	12	-20	61	-10	-10	0.31	154	-20	12	151	10
91-PMA-081	2	0.75	4	68	27	nd	2.5	13	-20	76	-10	-10	0.13	107	-20	13	169	30
91-PMA-082-1	2	0.72	5	97	30	nd	16	10	-20	108	-10	-10	0.15	104	-20	13	158	34
91-PMA-082-2	0.5	0.92	4	89	34	nd	17	14	-20	90	-10	-10	0.14	106	-20	15	179	32
91-PMA-083-1	8	0.61	5	57	41	nd	11	12	-20	94	-10	-10	0.15	120	-20	13	298	25
91-PMA-083-2	9	0.86	4	73	44	nd	2.5	15	-20	72	-10	-10	0.1	125	-20	14	398	21
91-PMA-085-1	4	0.63	5	67	42	nd	12	13	-20	137	-10	-10	0.17	131	-20	12	324	26
91-PMA-085-2	12	0.51	5	66	43	nd	18	14	-20	128	-10	-10	0.16	132	-20	13	352	27
91-PMA-086	2	0.37	3	52	36	nd	2.5	16	-20	69	-10	-10	0.07	94	-20	14	253	9
91-PMA-089	2	0.34	4	42	26	nd	2.5	11	-20	120	-10	-10	0.06	83	-20	13	170	26
91-PMA-090	3	0.68	4	46	42	nd	2.5	10	-20	68	-10	-10	0.11	84	-20	13	165	24
91-PMA-092	0.5	0.67	4	75	30	nd	12	9	-20	75	-10	-10	0.05	89	-20	11	189	9
91-PMA-093	0.5	1.05	4	80	32	nd	13	8	-20	62	-10	-10	0.05	85	-20	9	188	7
91-PMA-094-1	0.5	1.8	4	90	32	nd	12	8	-20	45	-10	-10	0.05	77	-20	10	174	2
91-PMA-096	1	1.01	4	104	31	nd	15	9	-20	43	-10	-10	0.05	89	-20	10	186	9
91-PMA-097	2	1.15	5	439	30	nd	15	12	-20	33	-10	-10	0.13	108	-20	16	176	5

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-098	1	0.65	4	253	28	nd	21	7	-20	67	-10	-10	0.08	69	-20	8	150	14
91-PMA-103-1	13	0.22	4	420	36	nd	23	10	-20	66	-10	-10	0.13	98	-20	11	146	20
91-PMA-103-2	0.5	0.18	3	527	33	nd	27	11	-20	36	-10	-10	0.1	97	-20	10	163	17
91-PMA-104	1	0.75	3	517	30	nd	27	10	-20	31	-10	-10	0.1	99	-20	10	155	15
91-PMA-105	4	0.19	4	447	34	nd	19	13	-20	51	-10	-10	0.13	107	-20	18	189	10
91-PMA-106	5	0.23	4	189	33	nd	2.5	13	-20	68	-10	-10	0.09	95	-20	14	163	16
91-PMA-107	6	1.18	3	108	31	nd	2.5	11	-20	39	-10	-10	0.09	90	-20	16	190	12
91-PMA-108	6	0.93	4	143	30	nd	9	11	-20	46	-10	-10	0.09	93	-20	13	189	16
91-PMA-110	5	0.66	4	212	34	nd	8	12	-20	49	-10	-10	0.11	89	-20	13	205	19
91-PMA-112	3	0.52	4	200	33	nd	15	8	-20	52	-10	-10	0.11	86	-20	11	171	17
91-PMA-115	11	0.49	4	140	32	nd	14	10	-20	79	-10	-10	0.14	103	-20	12	249	18
91-PMA-117	10	0.51	4	188	30	nd	19	9	-20	113	-10	-10	0.13	100	-20	10	226	17
91-PMA-118	7	0.39	5	170	35	nd	18	11	-20	86	-10	-10	0.15	107	-20	13	263	22
91-PMA-119	3	1.13	4	363	32	nd	17	11	-20	37	-10	-10	0.06	101	-20	10	255	7
91-PMA-121	3	0.87	5	629	34	nd	19	9	-20	55	-10	-10	0.05	88	-20	9	281	11
91-PMA-123	2	0.84	4	127	31	nd	13	10	-20	36	-10	-10	0.06	80	-20	11	252	11
91-PMA-125	6	0.79	5	481	32	nd	26	9	-20	104	-10	-10	0.07	91	-20	11	403	14
91-PMA-126	2	0.97	5	214	33	nd	18	9	-20	49	-10	-10	0.07	93	-20	10	216	10
91-PMA-128	0.5	0.86	4	150	31	nd	13	9	-20	47	-10	-10	0.07	93	-20	10	182	10
91-PMA-129	2	0.8	5	244	36	nd	22	9	-20	73	-10	-10	0.08	105	-20	10	295	12
91-PMA-131	6	0.92	4	133	31	nd	16	10	-20	67	-10	-10	0.1	97	-20	11	211	17
91-PMA-132	8	0.24	5	297	32	nd	22	11	-20	103	-10	-10	0.13	111	-20	11	245	16
91-PMA-133	0.5	1.2	3	123	27	nd	2.5	11	-20	48	-10	-10	0.09	98	-20	13	183	11
91-PMA-135	5	0.91	3	164	25	nd	2.5	12	-20	45	-10	-10	0.1	97	-20	12	222	10
91-PMA-137	2	0.8	3	260	28	nd	12	11	-20	45	-10	-10	0.09	98	-20	12	226	11
91-PMA-138	0.5	0.65	3	260	27	nd	11	11	-20	50	-10	-10	0.09	94	-20	13	207	11
91-PMA-139	4	0.66	3	105	22	nd	2.5	12	-20	45	-10	-10	0.08	96	-20	14	173	8
91-PMA-140	2	0.51	4	109	24	nd	2.5	13	-20	54	-10	-10	0.09	102	-20	14	176	12
91-PMA-144	5	0.44	4	196	27	nd	11	13	-20	63	-10	-10	0.13	110	-20	13	224	18
91-PMA-147	4	0.28	5	96	34	nd	8	12	-20	77	-10	-10	0.14	112	-20	13	177	19
91-PMA-148	6	0.27	4	92	35	nd	12	12	-20	79	-10	-10	0.14	113	-20	13	183	18
91-PMA-149	2	0.25	4	92	31	nd	2.5	12	-20	70	-10	-10	0.12	108	-20	14	187	17

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-150-1	4	0.27	5	106	28	nd	13	10	-20	81	-10	-10	0.14	103	-20	13	184	17
91-PMA-150-2	5	0.21	5	101	33	nd	13	10	-20	92	-10	-10	0.15	110	-20	13	183	18
91-PMA-150-3	3	0.85	4	91	26	nd	9	10	-20	65	-10	-10	0.13	105	-20	11	181	16
91-PMA-150-4	5	0.74	4	104	30	nd	11	9	-20	69	-10	-10	0.13	111	-20	11	186	16
91-PMA-150-5	9	0.58	5	88	28	nd	10	10	-20	77	-10	-10	0.13	108	-20	13	189	16
91-PMA-153	4	0.92	3	93	29	nd	2.5	13	-20	54	-10	-10	0.13	118	-20	14	200	15
91-PMA-154	10	0.79	4	150	31	nd	12	12	-20	70	-10	-10	0.12	100	-20	12	176	16
91-PMA-156	8	0.8	4	108	36	nd	15	15	-20	87	-10	-10	0.14	140	-20	13	262	17
91-PMA-157	6	0.57	5	97	39	nd	12	11	-20	82	-10	-10	0.15	106	-20	14	195	22
91-PMA-158	6	0.62	5	101	34	nd	6	12	-20	76	-10	-10	0.14	109	-20	14	204	21
91-PMA-159	8	1.02	5	119	31	nd	16	12	-20	87	-10	-10	0.12	115	-20	13	267	14
91-PMA-160	10	0.75	5	105	34	nd	16	12	-20	136	-10	-10	0.12	112	-20	13	274	20
91-PMA-161	7	0.83	4	109	32	nd	2.5	14	-20	50	-10	-10	0.11	111	-20	14	195	12
91-PMA-162	7	0.7	5	90	28	nd	13	10	-20	79	-10	-10	0.17	109	-20	12	165	19
91-PMA-164	5	0.83	4	81	29	nd	7	15	-20	61	-10	-10	0.14	127	-20	12	198	14
91-PMA-165	2	1.02	4	93	31	nd	5	14	-20	55	-10	-10	0.15	130	-20	13	201	18
91-PMA-166	4	0.27	4	101	32	nd	8	16	-20	77	-10	-10	0.15	140	-20	14	219	19
91-PMA-167	9	0.59	5	99	36	nd	14	15	-20	93	-10	-10	0.17	131	-20	14	238	23
91-PMA-172	9	0.33	4	89	40	nd	11	15	-20	106	-10	-10	0.19	156	-20	14	236	21
91-PMA-173	5	0.24	4	118	28	nd	6	19	-20	70	-10	-10	0.1	126	-20	15	227	12
91-PMA-174-1	7	0.43	5	83	32	nd	12	11	-20	96	-10	-10	0.2	126	-20	13	185	22
91-PMA-174-2	8	0.3	4	92	27	nd	2.5	15	-20	80	-10	-10	0.16	139	-20	14	200	13
91-PMA-175	6	0.39	5	84	30	nd	8	11	-20	96	-10	-10	0.2	127	-20	13	187	20
91-PMA-176	11	0.38	4	83	27	nd	6	12	-20	99	-10	-10	0.17	126	-20	13	185	20
91-PMA-178	8	0.23	4	86	25	nd	2.5	15	-20	84	-10	-10	0.17	136	-20	14	180	15
91-PMA-179	9	0.25	4	88	33	nd	7	13	-20	80	-10	-10	0.19	143	-20	13	184	18
91-PMA-180	5	0.21	4	85	31	nd	14	13	-20	81	-10	-10	0.19	143	-20	13	182	18
91-PMA-181	10	0.21	4	97	26	nd	2.5	15	-20	78	-10	-10	0.14	135	-20	14	183	16
91-PMA-182	4	0.45	4	79	34	nd	8	11	-20	87	-10	-10	0.19	131	-20	13	182	19
91-PMA-183	7	0.35	4	121	23	nd	7	15	-20	60	-10	-10	0.12	118	-20	15	211	12
91-PMA-185	3	1.06	4	90	33	nd	17	14	-20	68	-10	-10	0.14	137	-20	12	241	12
91-PMA-186	3	1.05	4	94	32	nd	15	13	-20	63	-10	-10	0.13	132	-20	12	246	11

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-188	3	1.22	5	122	44	nd	17	22	-20	59	-10	-10	0.12	174	-20	16	285	6
91-PMA-189	2	1.08	4	96	29	nd	18	16	-20	68	-10	-10	0.16	152	-20	11	199	13
91-PMA-190	1	0.91	4	106	33	nd	13	17	-20	56	-10	-10	0.14	143	-20	13	239	13
91-PMA-191	0.5	0.93	5	83	46	nd	17	14	-20	51	-10	-10	0.12	156	-20	11	213	7
91-PMA-192	9	0.75	4	80	31	nd	2.5	13	-20	91	-10	-10	0.19	153	-20	13	187	21
91-PMA-194	3	0.49	4	101	28	nd	7	15	-20	65	-10	-10	0.13	118	-20	17	183	9
91-PMA-195	3	0.64	4	93	30	nd	2.5	12	-20	70	-10	-10	0.13	115	-20	13	192	17
91-PMA-196	8	0.61	4	93	30	nd	7	12	-20	68	-10	-10	0.13	114	-20	13	197	18
91-PMA-197	5	0.67	3	104	28	nd	6	17	-20	61	-10	-10	0.15	139	-20	16	219	16
91-PMA-198	12	0.54	4	92	31	nd	6	12	-20	81	-10	-10	0.18	130	-20	13	182	19
91-PMA-199	5	0.89	3	72	27	nd	8	14	-20	72	-10	-10	0.23	156	-20	11	151	23
91-PMA-200	2	0.6	4	78	40	nd	15	15	-20	78	-10	-10	0.23	174	-20	10	191	13
91-PMA-201	2	0.74	5	116	36	nd	15	17	-20	53	-10	-10	0.16	153	-20	11	174	5
91-PMA-202	1	0.97	4	117	38	nd	16	18	-20	53	-10	-10	0.16	166	-20	13	205	12
91-PMA-205-1	1	0.57	5	109	34	nd	17	12	-20	65	-10	-10	0.13	129	-20	13	211	13
91-PMA-205-2	2	0.66	5	118	36	nd	19	13	-20	65	-10	-10	0.13	137	-20	13	234	13
91-PMA-205-3	2	0.57	5	110	36	nd	19	13	-20	69	-10	-10	0.13	134	-20	12	224	13
91-PMA-206	6	0.43	4	69	29	nd	10	11	-20	98	-10	-10	0.22	138	-20	13	148	20
91-PMA-207	9	0.44	4	85	30	nd	7	14	-20	92	-10	-10	0.2	152	-20	13	189	22
91-PMA-208	6	1	3	83	29	nd	2.5	13	-20	69	-10	-10	0.16	144	-20	12	183	19
91-PMA-209	9	0.44	4	91	30	nd	13	13	-20	109	-10	-10	0.21	161	-20	13	165	21
91-PMA-210-1	6	0.55	5	65	27	nd	2.5	12	-20	84	-10	-10	0.24	139	-20	12	133	21
91-PMA-210-2	7	0.43	5	62	29	nd	2.5	13	-20	94	-10	-10	0.25	141	-20	13	130	23
91-PMA-210-3	2	0.96	4	67	26	nd	2.5	15	-20	72	-10	-10	0.21	148	-20	11	130	24
91-PMA-212	6	0.26	5	62	31	nd	2.5	10	-20	99	-10	-10	0.26	132	-20	13	120	21
91-PMA-214	9	0.76	6	89	31	nd	2.5	18	-20	52	-10	-10	0.2	156	-20	15	127	13
91-PMA-215	7	0.6	4	73	28	nd	2.5	23	-20	95	-10	-10	0.23	172	-20	18	125	20
91-PMA-217	5	0.53	4	98	33	nd	2.5	21	-20	92	-10	-10	0.2	148	-20	15	157	21
91-PMA-218	5	0.79	4	72	33	nd	6	19	-20	89	-10	-10	0.23	140	-20	14	135	16
91-PMA-224	0.5	0.83	4	75	23	nd	9	18	-20	74	-10	-10	0.23	159	-20	13	159	18
91-PMA-228	3	0.4	4	50	27	nd	11	12	-20	98	-10	-10	0.31	162	-20	12	158	17
91-PMA-229	8	0.26	4	51	27	nd	8	12	-20	95	-10	-10	0.28	157	-20	12	155	17

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-230	8	0.41	4	126	24	nd	12	19	-20	114	-10	-10	0.27	180	-20	14	152	20
91-PMA-231	8	0.3	5	85	33	nd	16	11	-20	117	-10	-10	0.23	128	-20	12	159	22
91-PMA-232	4	0.45	4	41	34	nd	2.5	15	-20	111	-10	-10	0.24	128	-20	13	170	23
91-PMA-233	0.5	0.69	5	63	40	nd	16	13	-20	63	-10	-10	0.21	146	-20	10	147	11
91-PMA-235	0.5	0.84	5	54	40	nd	17	16	-20	142	-10	-10	0.15	152	-20	15	186	10
91-PMA-238	0.5	0.8	5	28	42	nd	17	17	-20	132	-10	-10	0.13	133	-20	13	147	10
91-PMA-239-1	0.5	0.59	5	58	39	nd	19	13	-20	90	-10	-10	0.22	137	-20	12	177	18
91-PMA-239-2	0.5	0.58	5	53	51	nd	18	13	-20	92	-10	-10	0.22	155	-20	11	238	17
91-PMA-239-3	0.5	0.96	3	57	48	nd	12	13	-20	115	-10	-10	0.25	150	-20	11	202	22
91-PMA-239-4	0.5	1.09	3	84	49	nd	9	16	-20	79	-10	-10	0.18	151	-20	11	211	14
91-PMA-240	0.5	0.87	4	58	49	nd	10	13	-20	115	-10	-10	0.25	152	-20	11	207	22
91-PMA-241	0.5	0.77	4	73	46	nd	10	15	-20	83	-10	-10	0.19	148	-20	12	192	13
91-PMA-242	0.5	0.9	4	69	49	nd	10	14	-20	78	-10	-10	0.25	190	-20	12	199	15
91-PMA-245	0.5	0.5	4	42	45	nd	11	12	-20	99	-10	-10	0.22	131	-20	11	189	17
91-PMA-249	0.5	0.75	5	53	57	nd	9	16	-20	56	-10	-10	0.23	139	-20	18	196	14
91-PMA-250	3	0.87	5	64	49	nd	10	16	-20	81	-10	-10	0.29	229	-20	16	145	21
91-PMA-252	8	0.22	5	49	24	nd	6	14	-20	118	-10	-10	0.24	128	-20	11	121	17
91-PMA-253	10	0.2	5	50	25	nd	2.5	15	-20	120	-10	-10	0.25	131	-20	12	128	18
91-PMA-256	6	0.21	4	56	46	nd	12	14	-20	129	-10	-10	0.25	151	-20	12	251	17
91-PMA-259	9	1.03	4	83	28	nd	9	15	-20	80	-10	-10	0.17	132	-20	13	145	12
91-PMA-260	4	1.22	4	90	30	nd	6	12	-20	46	-10	-10	0.13	115	-20	10	156	16
91-PMA-261	5	0.87	4	75	25	nd	2.5	10	-20	72	-10	-10	0.18	109	-20	10	124	16
91-PMA-262	8	1.2	4	111	23	nd	6	14	-20	55	-10	-10	0.15	118	-20	13	145	9
91-PMA-264-1	9	0.54	5	40	29	nd	2.5	11	-20	130	-10	-10	0.14	115	-20	11	138	16
91-PMA-264-2	10	0.59	5	44	23	nd	7	11	-20	137	-10	-10	0.12	111	-20	11	134	16
91-PMA-264-3	0.5	0.64	4	32	20	nd	13	10	-20	131	-10	-10	0.1	107	-20	10	104	15
91-PMA-265-1	4	0.64	4	138	30	nd	20	10	-20	71	-10	-10	0.16	112	-20	11	175	15
91-PMA-265-2	5	0.68	5	71	25	nd	7	9	-20	104	-10	-10	0.16	100	-20	10	125	14
91-PMA-266-1	3	0.44	5	117	28	nd	10	10	-20	89	-10	-10	0.15	105	-20	12	152	16
91-PMA-266-2	6	0.23	5	109	26	nd	15	9	-20	98	-10	-10	0.16	100	-20	12	139	14
91-PMA-266-3	4	0.22	5	108	29	nd	14	11	-20	89	-10	-10	0.16	112	-20	12	175	17
91-PMA-266-4	6	0.38	5	118	33	nd	18	11	-20	79	-10	-10	0.15	109	-20	12	164	16

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-266-5	9	0.25	4	138	31	nd	10	16	-20	61	-10	-10	0.16	127	-20	15	202	15
91-PMA-269	7	0.3	4	67	29	nd	17	22	-20	98	-10	-10	0.26	166	-20	14	127	21
91-PMA-270	4	0.32	5	86	36	nd	8	14	-20	68	-10	-10	0.17	160	-20	15	193	14
91-PMA-271	3	0.82	6	86	38	nd	6	13	-20	52	-10	-10	0.17	151	-20	12	204	12
91-PMA-272	5	1	4	57	33	nd	9	19	-20	70	-10	-10	0.27	167	-20	12	154	20
91-PMA-273	3	0.89	5	70	25	nd	2.5	14	-20	63	-10	-10	0.2	134	-20	11	146	17
91-PMA-274	5	0.77	5	69	30	nd	2.5	14	-20	67	-10	-10	0.21	133	-20	12	146	17
91-PMA-275	3	1.09	4	79	30	nd	2.5	18	-20	52	-10	-10	0.2	153	-20	11	147	11
91-PMA-276-1	6	0.69	5	65	32	nd	8	15	-20	81	-10	-10	0.23	158	-20	13	160	20
91-PMA-276-2	11	0.62	5	72	32	nd	8	15	-20	91	-10	-10	0.24	153	-20	12	166	19
91-PMA-277-1	8	0.89	3	17	173	nd	2.5	9	-20	74	-10	-10	0	122	-20	4	265	2
91-PMA-277-3	7	0.89	3	7	145	nd	2.5	9	-20	80	-10	-10	0.02	78	-20	3	127	35
91-PMA-278	7	0.91	2	13	129	nd	2.5	9	-20	40	-10	-10	0	113	-20	5	252	1
91-PMA-280-1	2	0.43	5	145	43	nd	17	9	-20	81	-10	-10	0.15	112	-20	11	169	15
91-PMA-280-2	2	0.62	5	133	45	nd	15	12	-20	73	-10	-10	0.14	128	-20	12	198	17
91-PMA-281	0.5	0.56	5	107	51	nd	14	11	-20	75	-10	-10	0.25	157	-20	12	207	16
91-PMA-295	6	1.06	5	66	32	nd	2.5	15	-20	67	-10	-10	0.23	152	-20	12	156	17
91-PMA-296	13	0.62	6	78	28	nd	2.5	18	-20	77	-10	-10	0.25	176	-20	13	165	26
91-PMA-297	7	0.54	6	80	32	nd	2.5	18	-20	84	-10	-10	0.27	181	-20	13	173	27
91-PMA-298-1	4	0.86	7	126	45	nd	2.5	16	-20	40	-10	-10	0.12	114	-20	18	309	8
91-PMA-298-2	3	0.83	5	62	30	nd	2.5	19	-20	82	-10	-10	0.23	167	-20	12	156	24
91-PMA-299	14	0.43	6	80	30	nd	11	10	-20	76	-10	-10	0.23	116	-20	13	227	21
91-PMA-306-3	0.5	0.63	4	156	46	nd	8	11	-20	55	-10	-10	0.1	110	-20	13	245	14
91-PMA-307	2	0.81	4	61	53	nd	10	13	-20	98	-10	-10	0.27	169	-20	10	174	17
91-PMA-308	3	0.87	2	59	45	nd	5	13	-20	85	-10	-10	0.23	155	-20	10	156	15
91-PMA-309	0.5	0.72	3	39	47	nd	9	12	-20	107	-10	-10	0.18	155	-20	10	196	17
91-PMA-310	0.5	0.73	3	35	68	nd	10	16	-20	64	-10	-10	0.17	134	-20	11	610	17
91-PMA-311	0.5	0.86	3	37	70	nd	8	16	-20	60	-10	-10	0.18	142	-20	11	648	18
91-PMA-312	0.5	0.56	3	133	44	nd	9	13	-20	49	-10	-10	0.13	120	-20	13	195	14
91-PMA-314-1	5	0.69	5	141	35	nd	5	11	-20	58	-10	-10	0.17	127	-20	11	188	14
91-PMA-314-2	9	0.63	6	130	34	nd	11	10	-20	64	-10	-10	0.18	121	-20	11	173	15
91-PMA-314-3	9	0.52	6	135	35	nd	12	10	-20	61	-10	-10	0.16	118	-20	13	183	13

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-315	7	0.69	3	78	25	nd	2.5	11	-20	64	-10	-10	0.17	107	30	11	135	13
91-PMA-316	4	0.65	4	57	30	nd	7	15	-20	81	-10	-10	0.28	166	-20	10	163	11
91-PMA-319	8	0.54	5	162	41	nd	9	11	-20	40	-10	-10	0.39	168	-20	10	257	6
91-PMA-320	6	0.6	4	219	66	nd	9	14	-20	43	-10	-10	0.47	204	-20	11	326	5
91-PMA-321	0.5	0.68	4	88	48	nd	8	12	-20	53	-10	-10	0.37	182	-20	13	216	15
91-PMA-322	0.5	0.93	4	81	48	nd	10	16	-20	50	-10	-10	0.27	179	-20	15	227	14
91-PMA-323-1	3	0.63	5	146	49	nd	13	12	-20	72	-10	-10	0.17	131	-20	12	277	18
91-PMA-323-2	4	0.81	4	171	54	nd	10	16	-20	50	-10	-10	0.17	144	-20	14	307	13
91-PMA-324	0.5	0.63	4	122	52	nd	11	16	-20	60	-10	-10	0.23	158	-20	13	269	16
91-PMA-325	4	0.35	6	55	28	nd	9	9	-20	84	-10	-10	0.27	118	-20	12	149	16
91-PMA-326	9	0.3	6	55	27	nd	2.5	9	-20	82	-10	-10	0.27	116	-20	12	143	16
91-PMA-327	7	0.52	5	82	28	nd	2.5	16	-20	52	-10	-10	0.16	127	-20	15	254	14
91-PMA-328-1	4	0.54	6	58	29	nd	2.5	10	-20	94	-10	-10	0.18	112	-20	11	132	9
91-PMA-328-2	9	0.56	6	56	29	nd	7	9	-20	90	-10	-10	0.19	108	-20	10	126	12
91-PMA-328-3	5	0.54	6	55	27	nd	8	9	-20	98	-10	-10	0.18	105	-20	10	128	12
91-PMA-328-4	6	0.58	6	64	29	nd	15	9	-20	98	-10	-10	0.17	103	-20	10	130	12
91-PMA-329-1	0.5	0.65	4	48	41	nd	12	11	-20	101	-10	-10	0.27	151	-20	10	156	12
91-PMA-329-2	0.5	0.63	4	49	43	nd	12	11	-20	95	-10	-10	0.27	155	-20	10	154	12
91-PMA-329-3	0.5	0.63	4	52	45	nd	11	11	-20	94	-10	-10	0.28	156	-20	10	162	13
91-PMA-330-1	0.5	0.5	4	50	46	nd	11	12	-20	107	-10	-10	0.31	166	-20	11	170	12
91-PMA-330-2	0.5	1.59	4	149	52	nd	11	17	-20	37	-10	12	0.11	89	-20	13	143	2
91-PMA-331-1	4	0.23	6	82	29	nd	9	12	-20	70	-10	-10	0.21	132	-20	12	200	14
91-PMA-331-2	5	0.84	5	87	33	nd	5	12	-20	51	-10	-10	0.2	131	-20	12	196	13
91-PMA-332	8	0.25	6	80	32	nd	2.5	12	-20	69	-10	-10	0.21	132	-20	12	203	15
91-PMA-333-1	5	0.92	5	85	30	nd	6	13	-20	58	-10	-10	0.21	139	-20	12	202	17
91-PMA-333-2	2	1.02	5	87	34	nd	2.5	14	-20	49	-10	-10	0.19	136	-20	13	197	15
91-PMA-338	17	0.61	6	183	37	nd	8	11	-20	44	-10	-10	0.07	81	-20	9	381	19
91-PMA-339	13	0.59	6	179	34	nd	15	10	-20	42	-10	-10	0.06	77	-20	9	377	18
91-PMA-340	12	0.64	5	462	45	nd	2.5	16	-20	31	-10	-10	0.14	110	-20	16	426	7
91-PMA-341	11	0.6	6	213	45	nd	9	21	-20	37	-10	-10	0.2	123	-20	21	265	7
91-PMA-342	5	0.61	4	174	33	nd	9	30	-20	27	-10	-10	0.11	147	-20	17	171	6
91-PMA-344-1	4	0.54	6	663	33	nd	7	17	-20	47	-10	-10	0.1	128	-20	8	136	7

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-344-2	5	0.61	5	757	35	nd	12	20	-20	38	-10	-10	0.11	140	-20	8	154	7
91-PMA-344-3	8	0.26	3	844	31	nd	2.5	20	-20	27	-10	-10	0.1	135	-20	9	134	6
91-PMA-345	6	0.48	4	850	33	nd	13	20	-20	26	-10	-10	0.1	138	-20	10	140	6
91-PMA-346-1	8	0.48	6	183	36	nd	12	12	-20	64	-10	-10	0.14	109	-20	12	188	12
91-PMA-346-2	4	0.41	6	241	33	nd	12	17	-20	44	-10	-10	0.18	146	-20	14	183	10
91-PMA-347	7	0.37	6	184	38	nd	8	12	-20	66	-10	-10	0.15	108	-20	12	186	13
91-PMA-348-1	7	0.37	7	168	41	nd	9	13	-20	83	-10	-10	0.21	113	-20	14	241	15
91-PMA-348-2	10	0.42	7	171	42	nd	2.5	13	-20	71	-10	-10	0.2	108	-20	13	224	12
91-PMA-348-3	5	0.26	7	187	54	nd	14	12	-20	94	-10	-10	0.21	115	-20	15	224	13
91-PMA-348-4	9	0.31	7	151	40	nd	8	10	-20	79	-10	-10	0.2	100	-20	13	209	10
91-PMA-348-5	5	0.32	8	162	44	nd	12	12	-20	76	-10	-10	0.2	103	-20	14	213	10
91-PMA-348-6	5	0.59	8	163	51	nd	7	12	-20	71	-10	-10	0.19	100	-20	13	264	9
91-PMA-349-1	12	0.16	6	185	33	nd	12	8	-20	66	-10	-10	0.08	74	-20	9	294	16
91-PMA-349-2	12	0.49	6	153	29	nd	6	6	-20	45	-10	-10	0.04	61	-20	8	298	15
91-PMA-349-3	14	0.77	5	239	43	nd	7	16	-20	29	-10	-10	0.06	88	-20	12	452	15
91-PMA-352	0.5	0.64	5	121	80	nd	6	12	-20	16	-10	-10	0.23	94	-20	14	209	7
91-PMA-353	0.5	0.66	4	120	74	nd	6	11	-20	15	-10	-10	0.23	91	-20	13	214	7
91-PMA-354	2	0.85	4	173	66	nd	11	17	-20	36	-10	-10	0.21	130	-20	14	292	14
91-PMA-355	2	0.84	4	169	66	nd	10	16	-20	36	-10	-10	0.21	128	-20	14	280	14
91-PMA-356-01	0.5	0.8	4	131	56	nd	12	16	-20	55	-10	-10	0.16	160	-20	12	219	14
91-PMA-356-02	0.5	0.54	4	122	53	nd	9	19	-20	78	-10	-10	0.21	184	-20	8	202	18
91-PMA-356-03	0.5	0.84	4	120	58	nd	10	21	-20	57	-10	-10	0.17	173	-20	12	195	10
91-PMA-356-04	1	0.66	4	145	49	nd	11	18	-20	72	-10	-10	0.16	156	-20	9	178	17
91-PMA-356-05	8	0.55	5	92	31	nd	6	21	-20	66	-10	-10	0.22	174	-20	9	161	13
91-PMA-356-06	10	1.11	5	123	29	nd	2.5	15	-20	66	-10	-10	0.19	152	-20	9	172	17
91-PMA-356-07	4	1.34	3	90	28	nd	6	19	-20	52	-10	-10	0.25	195	-20	8	170	14
91-PMA-356-08	4	0.5	5	128	27	nd	6	17	-20	76	-10	-10	0.16	141	-20	9	168	16
91-PMA-356-09	13	0.99	4	97	28	nd	2.5	23	-20	63	-10	-10	0.23	196	-20	11	172	10
91-PMA-356-10	7	0.51	5	130	32	nd	6	18	-20	75	-10	-10	0.23	199	-20	9	167	17
91-PMA-356-11	6	1.12	5	94	33	nd	2.5	18	-20	54	-10	-10	0.2	172	-20	10	160	10
91-PMA-356-12	4	1.03	5	159	32	nd	8	18	-20	65	-10	-10	0.19	170	-20	9	174	16
91-PMA-356-13	11	0.88	4	124	30	nd	10	21	-20	66	-10	-10	0.2	183	-20	10	184	12
91-PMA-356-14	10	1.14	3	111	29	nd	2.5	18	-20	61	-10	-10	0.23	192	-20	10	165	12

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-356-15	1	0.86	4	134	57	nd	9	21	-20	61	-10	-10	0.21	210	-20	10	193	17
91-PMA-356-16	1	0.75	4	113	54	nd	8	16	-20	74	-10	-10	0.19	183	-20	10	152	6
91-PMA-356-17	0.5	0.71	5	115	58	nd	7	11	-20	68	-10	-10	0.14	162	-20	6	133	4
91-PMA-356-18	0.5	0.72	4	110	57	nd	8	16	-20	92	-10	-10	0.15	169	-20	7	147	7
91-PMA-356-19	1	0.84	4	112	52	nd	11	16	-20	74	-10	-10	0.21	160	-20	10	172	13
91-PMA-356-20	1	0.71	4	105	50	nd	10	15	-20	74	-10	-10	0.21	161	-20	10	165	14
91-PMA-358	1	0.81	5	179	67	nd	8	15	-20	32	-10	-10	0.15	109	-20	14	207	12
91-PMA-359	0.5	0.77	5	186	71	nd	10	16	-20	34	-10	-10	0.16	112	-20	15	209	11
91-PMA-362	0.5	0.58	5	219	56	nd	17	14	-20	77	-10	-10	0.19	146	-20	11	164	16
91-PMA-363	0.5	0.51	5	185	52	nd	19	12	-20	81	-10	-10	0.19	135	-20	11	151	16
91-PMA-364	0.5	0.56	5	362	52	nd	16	12	-20	98	-10	-10	0.16	116	-20	11	152	15
91-PMA-365	4	0.56	3	656	50	nd	36	9	-20	166	-10	-10	0.13	98	-20	17	170	19
91-PMA-366	5	0.57	3	598	48	nd	33	8	-20	168	-10	-10	0.12	89	-20	16	156	17
91-PMA-367-1	0.5	0.43	5	109	63	nd	18	10	-20	73	-10	-10	0.27	104	-20	10	216	14
91-PMA-367-2	2	0.45	5	119	63	nd	18	11	-20	65	-10	-10	0.27	109	-20	10	240	15
91-PMA-368	1	0.47	5	106	64	nd	17	10	-20	73	-10	-10	0.28	104	-20	10	215	15
91-PMA-370-1	12	0.28	7	130	35	nd	2.5	11	-20	74	-10	-10	0.13	92	-20	12	327	15
91-PMA-370-2	13	0.39	7	114	39	nd	9	11	-20	75	-10	-10	0.14	92	-20	12	298	16
91-PMA-370-3	3	0.18	7	115	37	nd	2.5	10	-20	89	-10	-10	0.13	88	-20	12	282	15
91-PMA-371	16	0.21	6	141	36	nd	6	17	-20	69	-10	-10	0.15	122	-20	14	292	18
91-PMA-372	10	0.72	6	80	28	nd	2.5	21	-20	68	-10	-10	0.22	181	-20	16	127	4
91-PMA-373	4	0.69	5	75	29	nd	2.5	19	-20	67	-10	-10	0.24	148	-20	13	121	13
91-PMA-374	3	0.63	6	63	33	nd	2.5	15	-20	64	-10	-10	0.24	161	-20	11	139	7
91-PMA-375-1	13	0.63	6	145	34	nd	14	13	-20	91	-10	-10	0.19	127	-20	10	248	21
91-PMA-375-2	17	0.69	6	150	31	nd	15	18	-20	85	-10	-10	0.18	135	-20	11	293	20
91-PMA-376	13	0.75	6	140	30	nd	11	16	-20	79	-10	-10	0.18	128	-20	10	294	20
91-PMA-377	27	0.91	5	188	42	nd	9	-5	-20	21	-10	-10	0.03	62	-20	7	745	7
91-PMA-378	7	0.52	5	119	32	nd	5	14	-20	49	-10	-10	0.16	106	-20	11	341	17
91-PMA-383	8	0.59	6	107	40	nd	2.5	16	-20	41	-10	-10	0.42	129	-20	13	232	8
91-PMA-384	7	0.64	7	112	37	nd	2.5	18	-20	43	-10	-10	0.44	136	-20	15	241	9
91-PMA-392	0.5	0.44	5	122	76	nd	9	11	-20	20	-10	-10	0.18	104	-20	7	191	3
91-PMA-393	0.5	0.45	5	118	79	nd	8	11	-20	19	-10	-10	0.18	100	-20	7	188	3

NOTE: nd : no data.

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Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-394	0.5	0.66	5	128	70	nd	17	10	-20	61	-10	-10	0.16	95	-20	11	210	14
91-PMA-395-1	0.5	0.45	5	61	57	nd	16	6	-20	64	-10	-10	0.13	63	-20	9	174	15
91-PMA-395-2	0.5	0.53	4	129	69	nd	8	10	-20	27	-10	-10	0.16	94	-20	10	220	12
91-PMA-398	0.5	0.63	4	109	69	nd	2.5	9	-20	16	-10	-10	0.3	87	-20	9	219	6
91-PMA-399	0.5	0.57	7	116	75	nd	11	11	-20	84	-10	-10	0.32	108	-20	14	237	10
91-PMA-400	5	0.52	7	92	33	nd	2.5	12	-20	97	-10	-10	0.29	103	-20	11	271	11
91-PMA-401	9	0.29	7	100	34	nd	2.5	12	-20	112	-10	-10	0.3	107	-20	11	168	13
91-PMA-402	5	0.49	6	102	45	nd	2.5	10	-20	26	-10	-10	0.27	88	-20	12	207	6
91-PMA-403	0.5	0.29	7	140	42	nd	2.5	17	-20	34	-10	-10	0.24	116	-20	15	286	9
91-PMA-404	0.5	0.48	5	74	31	nd	2.5	9	-20	15	-10	-10	0.27	79	-20	9	168	4
91-PMA-405-1	4	0.6	5	69	31	nd	2.5	18	-20	55	-10	-10	0.3	244	-20	11	216	4
91-PMA-405-2	2	1.11	4	80	29	nd	2.5	21	-20	53	-10	-10	0.21	204	-20	11	195	10
91-PMA-406-1	5	1.05	4	82	31	nd	2.5	18	-20	58	-10	-10	0.28	229	-20	11	188	6
91-PMA-406-2	0.5	0.44	5	86	33	nd	2.5	17	-20	75	-10	-10	0.25	196	-20	13	183	8
91-PMA-406-3	6	0.53	5	88	28	nd	2.5	18	-20	80	-10	-10	0.24	184	-20	12	190	13
91-PMA-407	3	0.29	5	109	25	nd	2.5	20	-20	94	-10	-10	0.36	218	-20	10	122	7
91-PMA-408-1	6	0.44	4	72	70	nd	2.5	18	-20	76	-10	-10	0.27	223	-20	9	253	12
91-PMA-408-2	7	0.28	4	65	33	nd	2.5	15	-20	71	-10	-10	0.3	212	-20	13	129	4
91-PMA-408-3	12	1	3	71	29	nd	2.5	12	-20	78	-10	-10	0.33	256	-20	8	130	10
91-PMA-408-4	5	0.22	4	78	27	nd	2.5	28	-20	63	-10	-10	0.33	295	-20	12	137	5
91-PMA-409	5	1.03	3	102	26	nd	14	35	-20	56	-10	-10	0.27	270	-20	8	133	10
91-PMA-410-1	4	0.99	4	114	31	nd	5	16	-20	71	-10	-10	0.24	158	-20	16	144	9
91-PMA-410-2	4	0.25	5	126	31	nd	2.5	17	-20	74	-10	-10	0.21	154	-20	15	140	8
91-PMA-410-3	7	0.69	5	78	28	nd	2.5	15	-20	70	-10	-10	0.24	140	-20	16	147	9
91-PMA-411-1	8	0.69	5	80	30	nd	2.5	14	-20	84	-10	-10	0.22	146	-20	12	168	17
91-PMA-411-2	4	0.56	5	85	29	nd	2.5	15	-20	80	-10	-10	0.21	149	-20	12	171	16
91-PMA-411-3	6	1.17	5	91	31	nd	2.5	15	-20	70	-10	-10	0.21	152	-20	12	174	15
91-PMA-411-4	10	0.52	5	87	26	nd	2.5	17	-20	80	-10	-10	0.21	151	-20	13	151	10
91-PMA-411-5	0.5	1.13	5	91	28	nd	2.5	16	-20	68	-10	-10	0.21	150	-20	13	159	12
91-PMA-411-6	7	0.55	5	78	31	nd	2.5	16	-20	92	-10	-10	0.22	149	-20	12	171	15
91-PMA-411-7	14	0.99	4	78	32	nd	2.5	19	-20	89	-10	-10	0.26	198	-20	11	200	12
91-PMA-411-8	2	0.84	5	93	27	nd	2.5	16	-20	76	-10	-10	0.22	154	-20	13	160	13

NOTE: nd : no data.

<2 µm - ICP-AES

Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-412-1	2	0.8	5	84	33	nd	2.5	11	-20	51	-10	-10	0.22	151	-20	8	117	4
91-PMA-412-2	7	0.74	5	88	27	nd	2.5	20	-20	86	-10	-10	0.22	168	-20	12	147	11
91-PMA-417-1	9	0.52	4	58	34	nd	6	19	-20	84	-10	-10	0.28	220	-20	8	207	10
91-PMA-417-2	2	0.31	5	58	32	nd	2.5	17	-20	82	-10	-10	0.28	204	-20	8	156	6
91-PMA-417-3	8	0.26	5	58	33	nd	2.5	17	-20	105	-10	-10	0.33	246	-20	10	230	11
91-PMA-418-1	4	0.49	6	43	32	nd	7	12	-20	132	-10	-10	0.26	175	-20	10	147	9
91-PMA-418-2	8	0.25	6	60	34	nd	2.5	16	-20	85	-10	-10	0.2	192	-20	14	504	8
91-PMA-418-4	18	1.34	5	43	27	nd	10	27	-20	68	-10	-10	0.12	144	-20	12	131	5
91-PMA-419	11	0.86	4	70	34	nd	2.5	22	-20	57	-10	-10	0.22	219	-20	15	160	6
91-PMA-420-1	12	0.25	4	55	54	nd	10	27	-20	99	-10	-10	0.25	186	-20	32	129	1
91-PMA-420-2	6	0.82	4	48	31	nd	7	14	-20	88	-10	-10	0.29	176	-20	13	124	7
91-PMA-420-3	4	0.78	3	70	24	nd	2.5	17	-20	94	-10	-10	0.34	222	-20	10	146	5
91-PMA-420-4	3	0.89	3	72	26	nd	7	17	-20	86	-10	-10	0.31	223	-20	9	145	7
91-PMA-420-5	6	0.78	4	66	32	nd	7	18	-20	89	-10	-10	0.33	223	-20	13	144	7
91-PMA-420-6	4	0.68	4	53	31	nd	2.5	24	-20	67	-10	-10	0.22	166	-20	17	162	4
91-PMA-421	8	0.55	5	60	32	nd	7	17	-20	94	-10	-10	0.22	200	-20	12	159	8
91-PMA-422-1	9	0.86	5	28	23	nd	2.5	33	-20	65	-10	-10	0.06	191	-20	15	132	3
91-PMA-422-2	8	0.63	5	44	26	nd	6	17	-20	93	-10	-10	0.15	172	-20	9	129	7
91-PMA-422-3	10	0.41	4	42	29	nd	13	36	-20	86	-10	-10	0.13	175	-20	19	135	2
91-PMA-422-4	11	0.5	5	49	26	nd	2.5	11	21	100	-10	-10	0.18	279	-20	30	132	-1
91-PMA-423	12	0.39	4	45	26	nd	2.5	24	-20	86	-10	-10	0.17	193	-20	13	149	4
91-PMA-424	2	0.59	4	55	55	nd	-10	15	-20	60	-10	-10	0.24	154	-20	9	143	3
91-PMA-425-1	1	0.73	3	34	57	nd	8	13	-20	70	-10	-10	0.16	132	-20	15	160	12
91-PMA-425-2	2	0.78	4	38	62	nd	10	13	-20	73	-10	-10	0.17	141	-20	12	173	13
91-PMA-425-3	3	0.65	3	35	58	nd	9	12	-20	62	-10	-10	0.15	120	-20	11	154	12
91-PMA-425-4	3	0.65	4	36	62	nd	9	15	-20	64	-10	-10	0.17	127	-20	12	147	5
91-PMA-426-1	1	0.69	3	28	56	nd	9	12	-20	74	-10	-10	0.14	122	-20	13	177	12
91-PMA-426-2	0.5	0.68	3	34	55	nd	9	12	-20	69	-10	-10	0.14	123	-20	10	175	12
91-PMA-426-3	4	0.82	4	32	50	nd	10	13	-20	57	-10	-10	0.04	122	-20	13	176	5
91-PMA-427-1	2	0.42	4	99	50	nd	10	9	-20	52	-10	-10	0.09	102	-20	11	186	12
91-PMA-429-1	1	0.66	4	46	50	nd	20	14	-20	86	-10	-10	0.12	146	-20	8	153	10
91-PMA-429-2	9	0.43	5	24	24	nd	13	11	-20	109	-10	-10	0.11	126	-20	8	139	7

NOTE: nd : no data.

<2 μm - ICP-AES

Sample ID	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-429-3	12	0.5	5	22	22	nd	8	11	-20	93	-10	-10	0.12	129	-20	9	144	7
91-PMA-429-4	4	0.58	3	32	27	nd	9	20	-20	56	-10	-10	0.14	160	-20	14	158	-1
91-PMA-429-5	9	0.37	5	24	26	nd	2.5	11	-20	121	-10	-10	0.14	138	-20	9	149	7
91-PMA-429-6	3	0.46	4	31	27	nd	14	14	-20	62	-10	-10	0.13	144	-20	10	245	6
91-PMA-430-1	7	0.62	5	48	31	nd	2.5	14	-20	86	-10	-10	0.26	188	-20	11	158	10
91-PMA-430-2	9	0.74	4	46	30	nd	2.5	15	-20	61	-10	-10	0.16	156	-20	10	160	10
91-PMA-430-3	11	0.68	5	54	29	nd	5	15	-20	63	-10	-10	0.16	161	-20	9	161	8
91-PMA-430-4	11	0.56	5	42	29	nd	8	13	-20	90	-10	-10	0.16	153	-20	9	153	9
91-PMA-431-1	2	0.86	4	52	28	nd	6	17	-20	54	-10	-10	0.18	167	-20	13	147	6
91-PMA-431-2	3	0.76	5	47	33	nd	8	14	-20	74	-10	-10	0.22	171	-20	11	166	11
91-PMA-431-3	7	0.51	5	51	31	nd	14	15	-20	68	-10	-10	0.16	157	-20	10	153	9
91-PMA-431-4	6	0.43	5	52	27	nd	9	15	-20	90	-10	-10	0.16	158	-20	11	247	8
91-PMA-431-5	0.5	0.71	4	60	33	nd	2.5	20	-20	49	-10	-10	0.15	167	-20	16	169	6
91-PMA-431-6	8	0.83	4	34	23	nd	2.5	12	-20	98	-10	-10	0.12	119	-20	10	113	9

NOTE: nd : no data.

<2 µm - ICP-AES

Appendix 2

Geochemical results
silt plus clay size fraction (<63 μm)
ICP-AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
90-PMA-009	0.1	nd	8	2	235	-1	-5	nd	0.1	49	14	38	41	4	10	nd	28	16	nd	0	3	nd	5	28	11	10	3	11
90-PMA-020	0.1	nd	10	1	266	-1	-5	nd	0.1	44	15	38	39	4	7	nd	25	14	nd	0	2	nd	3	27	11	10	3	10
90-PMA-026	0.1	nd	6	2	159	-1	-5	nd	0.1	52	9	31	21	3	7	nd	26	8	nd	0	2	nd	4	16	8	83	3	6
90-PMA-028-1	0.1	nd	11	1	256	-1	-5	nd	1	51	17	40	41	4	10	nd	27	16	nd	0	2	nd	5	32	11	10	3	11
90-PMA-028-2	0.1	nd	6	1	211	-1	-5	nd	0.1	47	11	30	28	3	7	nd	24	11	nd	0	2	nd	4	22	11	78	3	8
90-PMA-035	0.1	nd	17	1	163	-1	-5	nd	0.1	50	8	29	34	3	6	nd	27	9	nd	0	1	nd	3	17	8	10	3	7
90-PMA-036	0.1	nd	8	1	248	-1	-5	nd	0.1	49	13	34	36	4	8	nd	27	13	nd	0	1	nd	4	25	10	10	3	9
90-PMA-050	0.1	nd	9	1	144	-1	-5	nd	0.1	75	7	26	26	3	9	nd	39	14	nd	0	19	nd	5	12	11	24	3	6
90-PMA-052	0.1	nd	2.5	1	245	-1	-5	nd	0.1	50	10	31	23	3	7	nd	27	9	nd	0	1	nd	4	17	11	81	3	7
90-PMA-055	0.1	nd	2.5	1	212	-1	-5	nd	0.1	53	10	35	18	3	6	nd	28	6	nd	0	1	nd	4	17	3	10	3	6
90-PMA-057	0.1	nd	6	4	196	-1	-5	nd	0.1	55	11	39	22	3	7	nd	29	8	nd	0	2	nd	4	20	9	72	3	7
90-PMA-062	0.1	nd	17	1	222	-1	-5	nd	0.1	50	16	41	38	4	9	nd	27	13	nd	0	2	nd	4	32	9	70	3	10
90-PMA-063	0.1	nd	6	1	199	-1	-5	nd	1	58	13	40	27	4	8	nd	31	11	nd	0	2	nd	4	23	13	25	3	8
90-PMA-065	0.1	nd	2.5	3	288	-1	-5	nd	0.1	56	18	43	43	4	12	nd	30	17	nd	0	2	nd	6	35	12	50	3	11
90-PMA-068	0.1	nd	5	1	227	-1	-5	nd	0.1	51	11	28	24	3	8	nd	25	10	nd	0	3	nd	5	19	7	93	3	7
90-PMA-073-1	0.1	nd	15	2	230	-1	-5	nd	0.1	42	19	61	55	4	9	nd	22	17	nd	0	2	nd	5	65	8	28	3	10
90-PMA-077	0.1	nd	20	1	278	-1	-5	nd	1	52	27	81	44	5	13	nd	27	12	nd	0	2	nd	6	92	10	34	3	11
90-PMA-078	0.5	nd	2.5	1	183	-1	-5	nd	0.1	53	11	29	23	3	9	nd	25	10	nd	0	3	nd	4	19	11	10	3	7
90-PMA-081	0.1	nd	8	2	150	-1	-5	nd	0.1	53	9	25	20	3	9	nd	26	9	nd	0	2	nd	6	17	11	47	3	7
90-PMA-086	0.1	nd	2.5	1	119	-1	-5	nd	0.1	55	6	21	12	2	5	nd	44	8	nd	0	2	nd	3	9	7	10	3	5
90-PMA-088	0.1	nd	8	11	235	-1	-5	nd	0.1	62	10	32	27	3	10	nd	36	11	nd	0	2	nd	5	17	10	25	3	8
90-PMA-089	0.1	nd	5	1	143	-1	-5	nd	0.1	50	7	25	19	3	5	nd	27	6	nd	0	2	nd	3	10	8	10	3	5
90-PMA-095	0.1	nd	10	1	229	-1	-5	nd	0.1	47	12	36	24	3	8	nd	24	9	nd	0	1	nd	5	23	8	10	3	7
90-PMA-097	0.1	nd	8	4	188	-1	-5	nd	0.1	41	9	33	19	3	5	nd	22	6	nd	0	1	nd	3	16	9	30	3	6
90-PMA-098	0.1	nd	2.5	16	186	-1	-5	nd	0.1	58	9	34	35	3	8	nd	33	11	nd	0	2	nd	4	21	11	81	3	8
90-PMA-099	0.1	nd	2.5	2	132	-1	-5	nd	0.1	51	8	35	22	3	7	nd	25	8	nd	0	2	nd	4	15	23	10	3	5
90-PMA-101	0.5	nd	11	5	253	-1	-5	nd	0.1	76	14	44	27	4	10	nd	40	13	nd	0	1	nd	5	25	10	10	3	9
90-PMA-103	0.1	nd	9	3	276	-1	-5	nd	1	39	17	41	45	4	9	nd	21	17	nd	0	2	nd	4	37	12	47	3	11
90-PMA-105	0.6	nd	20	1	263	-1	-5	nd	0.1	51	19	40	45	4	10	nd	24	15	nd	0	2	nd	5	38	12	29	3	10
90-PMA-107	0.1	nd	16	2	343	-1	-5	nd	0.1	60	20	47	45	4	11	nd	32	13	nd	0	4	nd	6	41	7	10	3	12
90-PMA-115	0.1	nd	7	1	258	-1	-5	nd	0.1	57	15	47	29	4	9	nd	30	11	nd	0	2	nd	5	29	8	53	3	11
90-PMA-117	0.1	nd	2.5	2	327	-1	-5	nd	0.1	49	13	45	29	4	8	nd	26	9	nd	0	2	nd	4	25	10	96	3	11

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
90-PMA-118	0.1	nd	8	1	231	-1	-5	nd	1	41	11	37	28	3	8	nd	21	10	nd	0	2	nd	4	23	9	48	3	8
90-PMA-122	0.1	nd	2.5	1	238	-1	-5	nd	0.1	59	14	38	30	4	9	nd	32	11	nd	0	2	nd	4	25	10	29	3	10
90-PMA-123	0.1	nd	2.5	1	206	-1	-5	nd	0.1	47	14	36	36	4	10	nd	26	13	nd	0	1	nd	5	21	6	40	3	10
90-PMA-125	0.1	nd	2.5	4	159	-1	-5	nd	0.1	46	15	36	30	4	10	nd	24	13	nd	0	1	nd	5	19	10	65	3	9
90-PMA-127	0.1	nd	8	1	150	-1	-5	nd	0.1	81	14	45	34	4	10	nd	36	10	nd	0	3	nd	5	25	12	10	3	11
90-PMA-131	0.1	nd	21	1	311	-1	-5	nd	0.1	41	18	38	40	4	9	nd	17	15	nd	0	2	nd	5	37	9	10	3	12
90-PMA-133	0.1	nd	30	1	322	-1	-5	nd	0.1	39	22	42	50	4	11	nd	15	20	nd	0	3	nd	5	46	13	42	3	13
90-PMA-135	0.7	nd	21	1	285	-1	-5	nd	0.1	53	17	43	35	4	10	nd	22	12	nd	0	3	nd	5	35	10	67	3	11
90-PMA-136	0.1	nd	11	2	261	-1	-5	nd	1	63	20	52	36	4	9	nd	27	11	nd	0	1	nd	5	52	6	10	3	11
90-PMA-139	0.1	nd	23	2	300	-1	-5	nd	0.1	51	20	57	41	4	9	nd	22	12	nd	0	1	nd	5	58	8	81	3	12
90-PMA-141	0.1	nd	29	1	167	-1	-5	nd	0.1	46	16	42	29	4	8	nd	23	13	nd	0	3	nd	5	27	11	10	3	12
90-PMA-142	0.1	nd	21	7	317	-1	-5	nd	0.1	44	16	40	33	4	11	nd	19	14	nd	0	2	nd	5	30	8	10	3	11
90-PMA-144	0.1	nd	14	1	211	-1	-5	nd	0.1	53	13	36	24	3	9	nd	23	11	nd	0	2	nd	5	23	9	34	3	8
90-PMA-146-2	0.1	nd	8	1	232	-1	-5	nd	0.1	55	16	43	31	4	9	nd	24	10	nd	0	2	nd	5	30	6	63	3	10
90-PMA-150	0.1	nd	13	1	271	-1	-5	nd	0.1	56	13	36	26	4	9	nd	24	9	nd	0	4	nd	5	24	8	10	3	9
90-PMA-153	0.1	nd	26	1	333	-1	-5	nd	0.1	59	19	56	34	4	10	nd	26	14	nd	0	2	nd	5	41	8	10	3	12
90-PMA-159	0.5	nd	10	1	235	-1	-5	nd	0.1	62	17	50	34	4	11	nd	27	15	nd	0	2	nd	6	38	8	97	3	11
90-PMA-160	0.1	nd	14	2	261	-1	-5	nd	0.1	53	16	46	29	4	8	nd	22	11	nd	0	1	nd	5	31	9	10	3	10
90-PMA-161	0.1	nd	26	1	201	-1	-5	nd	0.1	50	15	49	38	4	11	nd	24	15	nd	0	1	nd	6	29	6	10	3	12
90-PMA-165	0.5	nd	21	1	289	-1	-5	nd	0.1	44	13	31	30	3	9	nd	17	9	nd	0	1	nd	5	26	8	75	3	9
90-PMA-169	0.6	nd	20	2	165	-1	-5	nd	0.1	52	17	41	41	4	13	nd	23	18	nd	0	2	nd	6	25	7	10	3	10
90-PMA-171	0.1	nd	18	4	247	-1	-5	nd	0.1	51	15	42	71	4	10	nd	27	16	nd	0	6	nd	5	25	16	10	3	11
90-PMA-172	0.1	nd	15	3	224	-1	-5	nd	0.1	47	15	36	46	4	10	nd	23	14	nd	0	1	nd	5	22	9	25	3	11
90-PMA-175	0.1	nd	17	1	320	-1	-5	nd	0.1	38	13	51	44	4	10	nd	22	11	nd	0	2	nd	4	34	8	10	3	14
90-PMA-176	0.5	nd	8	2	328	-1	-5	nd	0.1	41	16	37	42	4	10	nd	18	17	nd	0	2	nd	5	38	7	10	3	11
90-PMA-178	0.1	nd	21	2	346	-1	-5	nd	0.1	41	17	36	41	4	11	nd	18	16	nd	0	3	nd	5	36	10	10	3	12
90-PMA-182-1	0.1	nd	6	1	273	-1	-5	nd	0.1	68	23	56	41	5	11	nd	31	13	nd	0	2	nd	6	51	8	10	3	13
90-PMA-182-2	0.1	nd	14	1	293	-1	-5	nd	0.1	65	19	58	38	5	10	nd	32	12	nd	0	1	nd	6	44	9	71	3	14
90-PMA-186	0.1	nd	7	4	227	-1	-5	nd	0.1	52	16	63	38	3	9	nd	21	9	nd	0	1	nd	5	61	8	87	3	8
90-PMA-188	0.1	nd	8	4	213	-1	-5	nd	0.1	42	13	57	37	3	7	nd	18	11	nd	0	1	nd	4	54	12	109	3	8
90-PMA-189	0.1	nd	11	6	264	-1	-5	nd	0.1	44	15	74	52	4	9	nd	20	13	nd	0	1	nd	4	83	7	20	3	9
90-PMA-195	0.1	nd	13	4	278	-1	-5	nd	1	37	20	99	54	4	8	nd	17	13	nd	0	1	nd	5	138	10	10	3	8

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
90-PMA-198	0.1	nd	10	1	153	-1	-5	nd	0.1	46	7	41	23	2	4	nd	11	4	nd	0	1	nd	2	25	6	10	3	4
90-PMA-204	0.1	nd	9	2	202	-1	-5	nd	0.1	41	13	44	37	3	6	nd	17	9	nd	0	2	nd	4	34	12	10	3	7
90-PMA-206	0.1	nd	20	3	407	-1	-5	nd	0.1	39	21	78	61	4	12	nd	19	19	nd	0	2	nd	6	100	10	106	3	11
90-PMA-210	0.1	nd	19	5	290	-1	-5	nd	0.1	36	22	89	45	4	8	nd	17	13	nd	0	2	nd	5	164	7	10	3	9
90-PMA-215	0.1	nd	21	3	357	-1	-5	nd	0.1	35	23	143	57	3	10	nd	16	14	nd	0	2	nd	7	172	7	61	3	9
90-PMA-218	0.1	nd	28	3	323	-1	-5	nd	0.1	36	23	77	63	4	10	nd	17	19	nd	0	2	nd	5	121	10	54	3	12
90-PMA-220	0.1	nd	9	5	292	-1	-5	nd	0.1	37	17	81	47	4	10	nd	17	16	nd	0	2	nd	6	93	10	35	3	10
90-PMA-223	0.1	nd	23	4	259	-1	-5	nd	0.1	38	17	63	50	4	11	nd	17	16	nd	0	1	nd	6	62	13	42	3	11
90-PMA-224	0.1	nd	7	3	265	-1	-5	nd	0.1	37	16	61	50	4	9	nd	17	16	nd	0	2	nd	3	57	9	10	3	10
90-PMA-226	0.1	nd	8	3	291	-1	-5	nd	0.1	37	15	62	42	3	9	nd	17	14	nd	0	1	nd	4	87	9	23	3	9
90-PMA-229	0.1	1.1	2.5	nd	710	-1	-5	1.3	0.9	-1	18	65	65	3	18	0	9	9	1	0	8	0	6	110	24	nd	3	3
91-PMA-003	0.1	1.5	2.5	nd	265	-1	-5	0.5	2	-1	18	71	78	4	16	0	13	10	1	0	4	0	5	125	21	nd	3	6
91-PMA-007	0.1	1.7	22	nd	249	-1	-5	0.5	0.8	-1	26	129	69	4	17	0	10	11	2	0	1	0	5	335	21	nd	15	7
91-PMA-009	0.1	1.7	14	nd	236	-1	-5	0.4	2	-1	19	84	59	4	17	0	12	12	1	0	1	0	6	146	19	nd	3	6
91-PMA-016	0.1	1.4	8	nd	244	-1	-5	0.6	1.2	-1	11	43	37	3	17	0	15	10	1	0	2	0	5	46	16	nd	3	5
91-PMA-017	0.1	1.4	2.5	nd	218	-1	-5	0.5	1.1	-1	13	52	40	3	17	0	13	9	1	0	2	0	6	61	12	nd	3	5
91-PMA-019	0.1	0.9	2.5	nd	143	-1	-5	0.5	0.2	-1	8	37	19	3	14	0	16	5	0	0	1	0	6	25	10	nd	3	3
91-PMA-023	0.1	1.3	2.5	nd	179	-1	-5	0.7	0.1	-1	11	31	34	4	16	0	17	9	0	0	3	0	6	29	13	nd	3	5
91-PMA-026	0.1	0.9	2.5	nd	157	-1	-5	0.6	0.7	-1	10	29	19	3	16	0	16	6	0	0	2	0	7	21	11	nd	3	3
91-PMA-027	0.1	0.7	7	nd	144	-1	-5	0.5	0.7	-1	9	28	16	3	15	0	15	5	0	0	4	0	7	20	10	nd	3	3
91-PMA-028	0.1	1.3	2.5	nd	253	-1	-5	0.7	0.1	-1	12	36	23	3	18	0	23	7	0	0	3	0	7	23	11	nd	3	6
91-PMA-031	0.1	1	22	nd	143	-1	-5	0.5	0.1	-1	9	34	21	3	15	0	16	6	0	0	1	0	6	22	10	nd	3	3
91-PMA-038	0.1	1.6	2.5	nd	239	-1	-5	0.7	0.3	-1	17	46	37	3	18	0	13	12	1	0	4	0	6	57	16	nd	3	5
91-PMA-040	0.1	1.4	2.5	nd	184	-1	-5	0.7	1.2	-1	13	30	32	3	17	0	14	11	1	0	1	0	6	34	17	nd	3	5
91-PMA-041	0.1	1.1	2.5	nd	156	-1	-5	0.6	0.5	-1	12	32	31	3	16	0	13	9	1	0	1	0	5	39	14	nd	3	3
91-PMA-042	0.1	1.1	2.5	nd	178	-1	-5	0.7	0.1	-1	10	25	21	3	16	0	19	7	0	0	2	0	6	21	13	nd	3	3
91-PMA-046	0.1	1.8	2.5	nd	437	-1	-5	1.4	0.7	-1	18	48	53	4	22	0	9	16	1	0	2	0	6	77	24	nd	3	6
91-PMA-049	0.1	1.9	23	nd	300	-1	-5	1.4	0.8	-1	19	60	54	4	22	0	10	16	1	0	5	0	7	89	24	nd	3	6
91-PMA-053	0.1	0.8	12	nd	101	-1	-5	0.5	0.6	-1	7	22	17	2	14	0	12	6	0	0	1	0	6	16	10	nd	3	3
91-PMA-054	0.1	1.3	2.5	nd	156	-1	-5	0.5	0.6	-1	10	26	71	3	15	0	15	10	0	0	4	0	6	33	16	nd	3	5
91-PMA-058	0.1	1.4	40	nd	188	-1	-5	0.7	1.1	-1	15	32	43	3	17	0	11	11	1	0	5	0	6	34	15	nd	3	5
91-PMA-059	0.1	1.5	9	nd	185	-1	-5	0.7	1.2	-1	13	32	42	3	17	0	11	11	1	0	3	0	6	33	12	nd	3	5

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-060	0.1	1.6	2.5	nd	189	-1	-5	0.6	0.6	-1	13	34	46	3	16	0	11	11	1	0	2	0	5	32	13	nd	3	6
91-PMA-063	0.1	1.6	2.5	nd	203	-1	-5	1.8	0.3	-1	14	29	43	3	21	0	10	13	1	0	3	0	7	33	13	nd	3	5
91-PMA-064	0.1	1.3	9	nd	173	-1	-5	0.6	0.7	-1	12	30	42	3	16	0	11	9	1	0	1	0	5	30	13	nd	3	5
91-PMA-065	0.1	1.2	11	nd	171	-1	-5	0.9	1.2	-1	17	27	69	3	18	0	9	10	1	0	8	0	6	53	15	nd	3	3
91-PMA-068	0.1	1.6	5	nd	223	-1	-5	0.7	1.5	-1	15	33	45	4	18	0	10	13	1	0	2	0	6	38	14	nd	3	6
91-PMA-069-1	0.1	1.6	2.5	nd	207	-1	-5	0.9	1.7	-1	14	33	42	3	17	0	9	12	1	0	2	0	6	37	15	nd	3	5
91-PMA-069-2	0.1	1.6	2.5	nd	212	-1	-5	0.6	0.8	-1	13	39	48	4	17	0	11	11	1	0	1	0	5	37	15	nd	3	6
91-PMA-070	0.1	1.7	2.5	nd	197	-1	-5	0.8	1.2	-1	16	35	47	4	19	0	10	14	1	0	3	0	6	52	19	nd	3	6
91-PMA-071	0.1	1.5	2.5	nd	232	-1	-5	0.7	0.8	-1	11	34	54	3	18	0	12	11	1	0	2	0	6	29	13	nd	3	6
91-PMA-073-1	0.1	1.6	19	nd	251	-1	-5	1.2	0.1	-1	14	33	38	4	20	0	11	12	1	0	4	0	6	31	13	nd	3	6
91-PMA-073-2	0.1	1.6	2.5	nd	213	-1	-5	1.8	0.5	-1	14	31	38	3	24	0	10	12	1	0	3	0	8	31	20	nd	3	6
91-PMA-073-3	0.1	1.7	15	nd	217	-1	-5	0.9	0.3	-1	15	34	38	4	20	0	10	12	1	0	1	0	7	33	14	nd	3	6
91-PMA-073-4	0.1	1.7	11	nd	227	-1	-5	0.9	0.1	-1	15	35	40	4	20	0	11	12	1	0	6	0	7	34	17	nd	3	6
91-PMA-074	0.1	1.6	21	nd	198	-1	-5	0.7	0.1	-1	15	32	37	4	19	0	10	11	1	0	1	0	7	35	14	nd	3	6
91-PMA-075	0.1	1.2	19	nd	182	-1	-5	1.4	0.3	-1	10	25	28	3	21	0	9	9	0	0	1	0	8	21	16	nd	3	3
91-PMA-079	0.1	1.7	2.5	nd	215	-1	-5	0.7	0.8	-1	18	32	41	4	19	0	10	12	1	0	1	0	6	36	19	nd	3	6
91-PMA-080	0.1	1.8	7	nd	262	-1	-5	0.8	0.1	-1	19	78	84	4	21	0	12	13	1	0	1	0	7	121	19	nd	3	5
91-PMA-081	0.1	1.4	2.5	nd	257	-1	-5	0.9	0.1	-1	15	41	38	3	19	0	14	10	1	0	3	0	7	37	16	nd	3	5
91-PMA-082-1	0.1	1.2	18	nd	203	-1	-5	1.8	0.4	-1	15	43	36	3	20	0	17	10	1	0	1	0	7	50	15	nd	3	3
91-PMA-082-2	0.1	1.3	18	nd	196	-1	-5	0.9	0.8	-1	17	50	49	4	19	0	16	9	1	0	1	0	7	50	17	nd	3	3
91-PMA-083-1	0.1	2	33	nd	219	-1	-5	2.1	1.7	-1	17	36	55	4	24	0	9	19	1	0	6	0	7	33	17	nd	3	7
91-PMA-083-2	0.1	1.3	19	nd	120	-1	-5	1.6	0.3	-1	12	28	39	3	21	0	8	11	1	0	1	0	7	29	19	nd	3	5
91-PMA-085-1	0.1	1.9	73	nd	173	-1	-5	2.8	3.7	-1	17	54	59	4	26	0	9	15	1	0	2	0	7	35	22	nd	3	7
91-PMA-085-2	0.1	1.9	23	nd	144	-1	-5	2.8	1.3	-1	13	61	63	4	26	0	9	16	1	0	12	0	8	35	23	nd	3	7
91-PMA-086	0.7	2	2.5	nd	242	-1	-5	0.7	1.1	-1	18	49	70	4	21	0	11	13	1	0	3	0	7	36	24	nd	3	8
91-PMA-089	0.1	2	2.5	nd	584	-1	-5	1.3	1	-1	19	27	42	4	22	0	13	15	1	0	4	0	7	42	19	nd	3	7
91-PMA-090	0.1	1.4	9	nd	174	-1	-5	1.1	0.4	-1	13	23	31	3	20	0	10	11	0	0	1	0	7	25	19	nd	3	5
91-PMA-092	0.1	1.9	32	nd	310	-1	-5	1.3	0.1	-1	17	38	48	4	19	0	10	15	1	0	4	0	5	55	17	nd	3	7
91-PMA-093	0.1	2	2.5	nd	232	-1	-5	1.3	0.3	-1	19	42	48	4	20	0	12	16	1	0	2	0	6	60	18	nd	3	7
91-PMA-094-1	0.1	1.3	2.5	nd	188	-1	-5	1.2	0.4	-1	13	38	37	3	19	0	11	11	1	0	1	0	6	50	19	nd	3	3
91-PMA-096	0.1	1.3	2.5	nd	217	-1	-5	1.9	0.1	-1	11	40	34	3	20	0	9	10	1	0	3	0	6	54	15	nd	3	3
91-PMA-097	0.1	1.3	2.5	nd	184	-1	-5	0.5	0.3	-1	14	76	37	3	17	0	11	10	1	0	1	0	6	154	17	nd	3	3

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-098	0.1	1.2	21	nd	474	-1	-5	3.7	0.6	-1	23	70	58	3	25	0	9	11	2	0	3	0	7	154	22	nd	10	6
91-PMA-103-1	0.1	1.7	2.5	nd	144	-1	-5	1.6	1	-1	28	160	58	4	22	0	8	13	3	0	1	0	6	287	19	nd	21	5
91-PMA-103-2	0.1	1.9	2.5	nd	130	-1	-5	0.5	0.2	-1	35	198	65	4	18	0	9	14	3	0	1	0	5	354	25	nd	21	6
91-PMA-104	0.1	1.9	2.5	nd	126	-1	-5	0.7	1	-1	32	181	63	4	20	0	8	15	3	0	1	0	6	322	20	nd	20	6
91-PMA-105	0.1	2	2.5	nd	221	-1	-5	0.5	0.4	-1	33	119	79	4	19	0	13	14	2	0	3	0	6	333	23	nd	16	7
91-PMA-106	0.1	1.4	2.5	nd	170	-1	-5	0.5	0.1	-1	14	49	48	3	18	0	11	11	1	0	3	0	6	97	16	nd	3	6
91-PMA-107	0.1	1.8	19	nd	430	-1	-5	1.2	0.1	-1	21	47	60	4	21	0	11	13	1	0	3	0	7	81	16	nd	3	6
91-PMA-108	0.1	1.4	2.5	nd	359	-1	-5	1.9	0.9	-1	14	51	38	3	23	0	9	11	1	0	1	0	8	72	15	nd	3	3
91-PMA-110	0.1	1.5	23	nd	281	-1	-5	0.8	1.3	-1	18	67	51	3	19	0	10	11	1	0	1	0	7	123	20	nd	3	5
91-PMA-112	0.2	1.5	2.5	nd	283	-1	-5	1.5	0.9	-1	19	68	40	3	10	0	9	10	1	0	1	0	6	127	24	nd	3	5
91-PMA-115	0.1	2.1	2.5	nd	263	-1	-5	2.1	1.7	-1	23	76	58	4	19	0	10	17	1	0	5	0	6	115	25	nd	19	7
91-PMA-117	0.1	1.5	15	nd	241	-1	-5	4.9	2.8	-1	21	81	53	3	19	0	8	13	2	0	3	0	6	132	25	nd	19	6
91-PMA-118	0.1	1.7	2.5	nd	199	-1	-5	2.6	1.3	-1	20	64	48	3	18	0	10	14	1	0	5	0	6	114	27	nd	17	6
91-PMA-119	0.3	1.5	17	nd	193	-1	-5	1.2	0.3	-1	26	96	49	4	15	0	9	12	2	0	3	0	5	214	23	nd	18	6
91-PMA-121	0.1	1.6	26	nd	267	-1	-5	2.8	2.1	-1	43	171	51	4	19	0	7	15	4	0	7	0	5	502	23	nd	47	7
91-PMA-123	0.1	1.5	7	nd	393	-1	-5	1.2	1.8	-1	17	52	66	4	14	0	9	11	1	0	5	0	5	84	22	nd	8	5
91-PMA-125	0.1	1.5	2.5	nd	337	-1	-5	3.7	3.4	-1	34	133	48	4	19	0	9	14	3	0	7	0	5	349	25	nd	42	6
91-PMA-126	0.4	1.9	2.5	nd	254	-1	-5	2.4	2.3	-1	22	78	52	4	18	0	10	15	2	0	1	0	5	144	23	nd	20	7
91-PMA-128	0.1	2.2	2.5	nd	285	-1	-5	1.8	1.5	-1	21	68	52	4	16	0	10	17	1	0	1	0	5	120	22	nd	20	8
91-PMA-129	0.3	2.3	2.5	nd	269	-1	-5	3.1	3.6	-1	30	98	66	4	21	0	10	20	2	0	4	0	5	187	27	nd	23	8
91-PMA-131	0.1	1.9	9	nd	244	-1	-5	2.5	1.2	-1	21	63	52	4	18	0	9	16	1	0	1	0	5	99	21	nd	14	7
91-PMA-132	0.2	1.7	2.5	nd	217	-1	-5	4.8	2.1	-1	27	98	53	4	19	0	8	15	2	0	2	0	5	211	19	nd	21	6
91-PMA-133	0.2	2.5	2.5	nd	275	-1	-5	0.8	1.6	-1	24	83	67	5	14	0	12	19	1	0	1	0	4	120	25	nd	15	9
91-PMA-135	0.1	2.1	2.5	nd	230	-1	-5	0.9	2.3	-1	24	81	54	4	13	0	12	16	1	0	6	0	4	148	25	nd	19	8
91-PMA-137	0.1	2	2.5	nd	241	-1	-5	0.8	2.4	-1	26	97	56	4	12	0	10	15	2	0	1	0	4	207	21	nd	19	8
91-PMA-138	0.1	2	2.5	nd	241	-1	-5	0.7	0.8	-1	26	100	57	4	13	0	10	15	2	0	1	0	4	210	26	nd	27	8
91-PMA-139	0.3	2.1	7	nd	240	-1	-5	0.7	2.4	-1	20	60	54	4	12	0	11	15	1	0	1	0	4	87	17	nd	3	8
91-PMA-140	0.4	2.1	2.5	nd	240	-1	-5	0.7	1.6	-1	20	59	53	4	11	0	11	15	1	0	3	0	4	85	19	nd	3	8
91-PMA-144	0.1	1.8	2.5	nd	249	-1	-5	0.6	3.3	-1	21	79	49	4	11	0	10	12	1	0	1	0	4	133	16	nd	8	7
91-PMA-147	0.3	2.2	14	nd	260	-1	-5	2.1	2.3	-1	23	61	67	4	17	0	11	16	1	0	2	0	4	75	18	nd	12	9
91-PMA-148	0.3	2.1	10	nd	246	-1	-5	2.2	2.6	-1	22	58	66	4	16	0	11	16	1	0	2	0	4	75	18	nd	3	8
91-PMA-149	0.3	1.7	2.5	nd	199	-1	-5	1.4	0.1	-1	16	45	45	3	14	0	10	13	1	0	4	0	4	55	16	nd	3	6

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-150-1	0.1	1.7	2.5	nd	156	-1	-5	1.9	1.2	-1	18	52	54	3	15	0	10	13	1	0	5	0	4	64	17	nd	12	6
91-PMA-150-2	0.5	1.8	2.5	nd	204	-1	-5	2.3	1.2	-1	20	57	68	4	17	0	11	15	1	0	1	0	5	67	17	nd	13	7
91-PMA-150-3	0.2	1.7	2.1	nd	203	-1	-5	2.1	3.9	-1	17	47	58	4	16	0	10	13	1	0	1	0	4	54	16	nd	8	7
91-PMA-150-4	0.2	1.7	2.5	nd	194	-1	-5	2.1	0.7	-1	19	53	63	4	15	0	10	14	1	0	1	0	4	62	17	nd	12	7
91-PMA-150-5	0.3	1.9	2.2	nd	232	-1	-5	2.4	1.6	-1	19	54	67	4	17	0	11	15	1	0	1	0	5	64	19	nd	13	7
91-PMA-153	0.3	2.2	2.5	nd	243	-1	-5	0.8	1.9	-1	22	64	69	5	13	0	12	16	1	0	3	0	4	81	16	nd	8	9
91-PMA-154	0.5	1.7	4.2	nd	215	-1	-5	2.4	0.8	-1	23	78	51	4	17	0	9	14	1	0	6	0	5	99	14	nd	13	8
91-PMA-156	0.3	1.9	2.5	nd	231	-1	-5	1.8	2.1	-1	21	49	87	4	15	0	10	14	1	0	5	0	4	66	17	nd	9	8
91-PMA-157	0.1	1.5	2.5	nd	204	-1	-5	1.7	2.6	-1	16	43	42	3	14	0	9	12	1	0	4	0	4	60	15	nd	3	6
91-PMA-158	0.3	1.8	1.0	nd	233	-1	-5	1.8	0.9	-1	18	48	48	4	16	0	10	14	1	0	3	0	5	57	17	nd	3	7
91-PMA-159	0.2	1.8	1.2	nd	326	-1	-5	2.6	2.3	-1	17	59	55	4	15	0	11	13	1	0	5	0	5	80	16	nd	3	8
91-PMA-160	0.3	1.7	2.5	nd	218	-1	-5	3.5	1.6	-1	19	52	61	4	17	0	10	13	1	0	8	0	5	72	19	nd	9	8
91-PMA-161	0.4	2.2	2.5	nd	272	-1	-5	0.7	1.5	-1	21	58	62	4	11	0	11	15	1	0	1	0	3	79	17	nd	6	9
91-PMA-162	0.1	1.8	2.5	nd	216	-1	-5	2.3	0.3	-1	19	51	60	4	16	0	9	13	1	0	4	0	4	70	16	nd	3	7
91-PMA-164	0.3	2.3	2.5	nd	234	-1	-5	0.8	2.7	-1	20	55	85	4	12	0	10	13	1	0	1	0	3	56	16	nd	3	9
91-PMA-165	0.3	2	2.5	nd	209	-1	-5	0.9	1.1	-1	22	51	80	4	13	0	10	13	1	0	3	0	4	63	16	nd	3	8
91-PMA-166	0.4	1.9	2.5	nd	205	-1	-5	0.8	1.8	-1	21	50	78	4	12	0	10	13	1	0	3	0	4	58	14	nd	3	7
91-PMA-167	0.1	1.2	2.1	nd	144	-1	-5	2.2	2	-1	14	38	47	3	16	0	7	9	1	0	1	0	5	41	9	nd	3	3
91-PMA-172	0.3	2.2	9	nd	205	-1	-5	2.1	0.9	-1	26	50	89	5	18	0	11	15	1	0	3	0	5	61	15	nd	13	9
91-PMA-173	0.4	2.1	12	nd	256	-1	-5	0.9	0.3	-1	24	68	96	5	14	0	11	15	1	0	3	0	4	82	12	nd	8	11
91-PMA-174-1	0.1	1.9	2.5	nd	178	-1	-5	2.1	2.3	-1	19	51	83	4	17	0	9	14	1	0	1	0	5	54	16	nd	11	7
91-PMA-174-2	0.3	2.1	2.5	nd	219	-1	-5	1.9	1.3	-1	21	56	92	4	17	0	10	15	1	0	7	0	5	58	18	nd	3	8
91-PMA-175	0.3	1.8	6	nd	169	-1	-5	2.1	2.4	-1	19	49	77	4	17	0	9	13	1	0	2	0	5	57	17	nd	6	7
91-PMA-176	0.1	1.9	2.5	nd	211	-1	-5	2.2	1.2	-1	20	47	71	4	16	0	10	13	1	0	3	0	5	55	15	nd	3	7
91-PMA-178	0.1	2.3	7	nd	238	-1	-5	0.9	0.7	-1	19	63	87	4	13	0	10	15	1	0	1	0	4	62	16	nd	8	9
91-PMA-179	0.3	2.1	15	nd	204	-1	-5	0.9	0.3	-1	21	64	93	4	14	0	10	14	1	0	1	0	4	58	15	nd	8	8
91-PMA-180	0.3	2.2	2.5	nd	206	-1	-5	1	0.6	-1	22	67	100	4	14	0	10	16	1	0	1	0	4	63	15	nd	11	8
91-PMA-181	0.4	2.3	2.5	nd	235	-1	-5	0.9	1	-1	21	63	91	5	13	0	11	16	1	0	1	0	3	65	15	nd	11	9
91-PMA-182	0.3	2.1	2.5	nd	206	-1	-5	1.8	1.6	-1	22	57	88	4	15	0	10	15	1	0	5	0	4	59	14	nd	7	8
91-PMA-183	0.3	1.8	11	nd	223	-1	-5	0.7	0.6	-1	19	59	59	4	12	0	11	12	1	0	3	0	4	75	14	nd	3	7
91-PMA-185	0.3	1.9	2.5	nd	147	-1	-5	0.9	0.5	-1	25	42	108	4	13	0	7	13	1	0	4	0	4	59	13	nd	3	7
91-PMA-186	0.3	1.6	14	nd	132	-1	-5	0.8	1.7	-1	21	39	87	4	13	0	7	12	1	0	4	0	4	57	13	nd	3	6

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-188	0.1	1.2	2.5	nd	103	-1	-5	0.7	2	-1	15	38	79	3	12	0	8	8	1	0	3	0	4	38	12	nd	3	5
91-PMA-189	0.1	1.7	26	nd	128	-1	-5	1	1.3	-1	25	45	224	4	14	0	9	11	1	0	4	0	5	48	17	nd	3	8
91-PMA-190	0.1	1.6	2.5	nd	160	-1	-5	0.9	3.3	-1	19	46	111	4	12	0	10	11	1	0	2	0	4	49	14	nd	3	7
91-PMA-191	0.1	2.2	2.5	nd	171	-1	-5	0.8	0.5	-1	32	47	135	4	14	0	12	14	1	0	1	0	4	46	20	nd	5	8
91-PMA-192	0.3	2.4	2.5	nd	199	-1	-5	2.1	0.8	-1	23	55	109	5	19	0	10	16	1	0	7	0	5	58	14	nd	10	9
91-PMA-194	0.2	1.5	20	nd	186	-1	-5	0.8	1.4	-1	15	50	51	3	12	0	12	11	1	0	1	0	4	52	13	nd	3	6
91-PMA-195	0.4	1.9	16	nd	207	-1	-5	2.2	1.4	-1	20	51	65	4	17	0	10	14	1	0	2	0	5	60	13	nd	3	7
91-PMA-196	0.1	1.8	30	nd	201	-1	-5	1.9	1.5	-1	20	48	63	4	15	0	10	14	1	0	4	0	4	62	14	nd	3	7
91-PMA-197	0.3	2	2.5	nd	176	-1	-5	0.8	1.3	-1	23	55	92	4	12	0	11	13	1	0	1	0	4	60	15	nd	3	9
91-PMA-198	0.4	2	30	nd	190	-1	-5	2.1	1	-1	21	55	80	4	15	0	10	15	1	0	4	0	4	63	13	nd	3	8
91-PMA-199	0.2	2.1	2.5	nd	158	-1	-5	1	0.4	-1	17	48	96	4	14	0	7	13	1	0	1	0	4	45	11	nd	3	8
91-PMA-200	0.1	2.5	2.5	nd	166	-1	-5	1	2.6	-1	32	66	131	5	15	0	10	16	1	0	4	0	4	51	15	nd	9	10
91-PMA-201	0.1	1.9	2.5	nd	161	-1	-5	0.8	1.6	-1	18	60	81	4	14	0	12	13	1	0	5	0	5	51	16	nd	3	8
91-PMA-202	0.1	1.9	2.5	nd	162	-1	-5	0.9	0.8	-1	21	57	87	4	13	0	9	12	1	0	4	0	5	55	14	nd	3	7
91-PMA-205-1	0.2	2.2	37	nd	213	-1	-5	2.1	0.9	-1	26	65	88	4	19	0	10	16	1	0	1	0	5	75	16	nd	14	8
91-PMA-205-2	0.2	2	2.5	nd	192	-1	-5	2	1.5	-1	25	58	84	4	18	0	9	15	1	0	4	0	5	71	20	nd	9	8
91-PMA-205-3	0.2	1.9	2.5	nd	190	-1	-5	2.1	0.1	-1	23	56	82	4	18	0	9	14	1	0	3	0	5	74	19	nd	3	7
91-PMA-206	0.3	2	10	nd	169	-1	-5	2.2	0.7	-1	21	52	95	4	18	0	9	14	1	0	1	0	5	53	12	nd	12	7
91-PMA-207	0.2	1.6	8	nd	123	-1	-5	1.8	1.1	-1	14	42	66	3	16	0	8	10	1	0	2	0	5	35	13	nd	3	6
91-PMA-208	0.1	1.7	2.5	nd	132	-1	-5	1.9	1.4	-1	16	45	71	3	16	0	8	11	1	0	1	0	5	41	10	nd	3	6
91-PMA-209	0.4	1.6	2.5	nd	122	-1	-5	1.1	1.1	-1	14	44	49	3	14	0	10	10	1	0	1	0	4	34	12	nd	3	6
91-PMA-210-1	0.1	1.2	14	nd	90	-1	-5	1	0.3	-1	10	34	35	2	12	0	8	8	0	0	1	0	5	26	8	nd	3	3
91-PMA-210-2	0.1	1.1	2.5	nd	79	-1	-5	1	0.8	-1	10	35	35	2	12	0	9	7	0	0	1	0	5	24	7	nd	3	3
91-PMA-210-3	0.1	1.2	7	nd	87	-1	-5	0.9	0.7	-1	10	36	39	3	11	0	9	7	0	0	1	0	4	24	6	nd	3	3
91-PMA-212	0.1	1.3	36	nd	111	-1	-5	1.7	0.3	-1	10	37	42	3	14	0	9	8	1	0	2	0	5	28	10	nd	3	3
91-PMA-214	0.3	2.3	10	nd	222	-1	-5	0.8	0.1	-1	25	51	106	4	13	0	11	12	1	0	2	0	5	42	10	nd	3	7
91-PMA-215	0.2	1.3	2.5	nd	100	-1	-5	0.8	1.6	-1	12	45	60	3	11	0	8	6	0	0	1	0	4	28	6	nd	3	6
91-PMA-217	0.3	1.2	7	nd	108	-1	-5	0.8	1.5	-1	13	49	68	4	11	0	8	7	1	0	1	0	4	36	7	nd	3	6
91-PMA-218	0.1	1	17	nd	89	-1	-5	0.8	1.1	-1	13	44	49	3	10	0	8	5	0	0	1	0	4	25	5	nd	3	3
91-PMA-224	0.3	1.5	2.5	nd	126	-1	-5	0.9	1.8	-1	16	51	57	4	13	0	12	11	1	0	5	0	4	36	9	nd	3	6
91-PMA-228	0.3	2.4	2.5	nd	118	-1	-5	1.2	1	-1	24	81	105	5	18	0	7	13	1	0	1	0	5	60	11	nd	10	9
91-PMA-229	0.4	2.2	15	nd	174	-1	-5	1.1	1.1	-1	23	47	85	4	17	0	16	20	1	0	2	0	5	33	16	nd	3	8

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-230	0.3	2.4	2.5	nd	189	-1	-5	1.2	1.9	-1	24	51	91	5	18	0	18	22	1	0	5	0	5	32	13	nd	9	8
91-PMA-231	0.1	1.3	2.5	nd	99	-1	-5	2.4	1.3	-1	11	41	65	3	16	0	10	9	1	0	3	0	6	30	11	nd	3	3
91-PMA-232	0.1	1.4	2.5	nd	122	-1	-5	1.3	1.2	-1	10	37	60	4	14	0	9	7	0	0	2	0	5	23	12	nd	3	6
91-PMA-233	0.1	1.6	8	nd	130	-1	-5	1	1.8	-1	13	50	108	4	13	0	9	8	1	0	3	0	5	23	10	nd	3	6
91-PMA-235	0.3	1.6	2.5	nd	86	-1	-5	1.5	1.9	-1	13	32	63	4	15	0	8	8	1	0	3	0	5	20	8	nd	3	5
91-PMA-238	0.1	4	2.5	nd	67	-1	-5	2.3	1.1	-1	20	23	115	4	23	0	8	12	1	0	2	0	5	19	12	nd	6	9
91-PMA-239-1	0.2	2.1	2.5	nd	228	-1	-5	1.3	2.9	-1	20	42	120	4	15	0	10	15	1	0	2	0	4	34	10	nd	8	7
91-PMA-239-2	0.1	2.1	2.5	nd	298	-1	-5	1.1	2.1	-1	22	47	118	5	13	0	9	13	1	0	1	0	4	34	25	nd	3	7
91-PMA-239-3	0.1	2.1	2.5	nd	254	-1	-5	1.2	1.6	-1	26	49	110	5	13	0	8	18	1	0	3	0	3	46	16	nd	3	9
91-PMA-239-4	0.3	2.4	2.5	nd	295	-1	-5	1.2	1.5	-1	25	65	115	5	16	0	11	17	1	0	4	0	5	56	20	nd	3	10
91-PMA-240	0.6	2.5	13	nd	289	-1	-5	1.4	0.6	-1	26	58	118	5	18	0	9	21	1	0	1	0	4	49	23	nd	13	10
91-PMA-241	0.1	1.9	2.5	nd	218	-1	-5	1.2	0.3	-1	20	51	101	5	15	0	10	13	1	0	5	0	5	37	14	nd	3	8
91-PMA-242	0.4	2.4	2.5	nd	138	-1	-5	1.6	2	-1	26	57	108	5	18	0	10	17	1	0	1	0	5	41	13	nd	9	9
91-PMA-245	0.3	1.9	5	nd	179	-1	-5	1.2	0.1	-1	18	42	135	5	14	0	11	11	1	0	4	0	5	30	14	nd	3	7
91-PMA-249	0.2	2.3	5	nd	161	-1	-5	1	0.7	-1	23	48	154	5	13	0	15	16	1	0	3	0	5	36	13	nd	3	8
91-PMA-250	0.1	2	21	nd	133	-1	-5	1	0.2	-1	19	62	192	5	14	0	13	13	1	0	1	0	5	32	14	nd	3	8
91-PMA-252	0.1	2.1	2.5	nd	141	-1	-5	1	0.2	-1	15	48	208	4	14	0	12	12	1	0	1	0	5	28	11	nd	9	7
91-PMA-253	0.3	2.1	35	nd	141	-1	-5	1	1.2	-1	17	49	208	5	14	0	12	12	1	0	3	0	4	30	13	nd	3	8
91-PMA-256	0.2	2.1	14	nd	170	-1	-5	1.3	0.1	-1	20	45	166	5	14	0	12	12	1	0	1	0	4	33	24	nd	3	7
91-PMA-259	0.3	2.6	24	nd	249	-1	-5	1.2	1	-1	26	72	165	5	16	0	13	17	1	0	6	0	4	69	9	nd	11	10
91-PMA-260	0.1	2.6	2.5	nd	246	-1	-5	1	1.4	-1	26	74	104	5	15	0	14	22	1	0	2	0	4	81	14	nd	12	9
91-PMA-261	0.2	2	9	nd	214	-1	-5	0.9	0.9	-1	21	57	74	4	12	0	12	13	1	0	1	0	4	65	15	nd	5	7
91-PMA-262	0.3	1.7	5	nd	181	-1	-5	0.8	0.1	-1	17	66	83	4	12	0	15	11	1	0	2	0	4	61	8	nd	3	7
91-PMA-264-1	0.2	0.9	2.5	nd	70	-1	-5	3.1	1.6	-1	13	36	53	4	15	0	8	6	1	0	1	0	6	22	10	nd	3	3
91-PMA-264-2	0.5	1	2.5	nd	117	-1	-5	3.3	3	-1	17	36	65	4	15	0	8	7	1	0	4	0	5	27	10	nd	3	5
91-PMA-264-3	0.1	1.7	8	nd	162	-1	-5	5.1	1.2	-1	20	34	81	4	19	0	7	12	1	0	4	0	5	27	10	nd	16	8
91-PMA-265-1	0.1	1.1	2.5	nd	157	-1	-5	1.6	0.7	-1	14	46	49	3	13	0	11	9	1	0	1	0	5	51	10	nd	3	3
91-PMA-265-2	0.3	1.5	10	nd	270	-1	-5	2.3	1.2	-1	16	37	68	4	16	0	13	10	1	0	4	0	5	40	11	nd	3	5
91-PMA-266-1	0.1	1.3	2.5	nd	197	-1	-5	2.8	2.1	-1	16	54	58	3	17	0	10	10	1	0	5	0	5	57	13	nd	5	5
91-PMA-266-2	0.2	1.4	6	nd	210	-1	-5	2.8	1.5	-1	16	57	58	3	18	0	9	12	1	0	5	0	5	64	13	nd	13	5
91-PMA-266-3	0.2	1	2.5	nd	157	-1	-5	2.5	2.1	-1	14	46	46	3	16	0	9	8	1	0	3	0	5	42	11	nd	3	3
91-PMA-266-4	0.1	1.1	41	nd	153	-1	-5	2.3	1.1	-1	14	48	49	3	16	0	9	9	1	0	3	0	5	49	9	nd	3	3

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-266-5	0.3	1.2	24	nd	127	-1	-5	0.7	0.5	-1	20	54	73	4	11	0	9	9	1	0	5	0	4	59	13	nd	3	5
91-PMA-269	0.4	1.7	2.5	nd	108	-1	-5	1.1	1.1	-1	15	50	85	4	13	0	9	9	1	0	1	0	4	31	9	nd	3	8
91-PMA-270	0.4	1.8	2.5	nd	169	-1	-5	1.4	0.1	-1	17	47	69	4	14	0	10	14	1	0	1	0	5	39	9	nd	3	6
91-PMA-271	0.4	1.9	7	nd	167	-1	-5	1.5	0.1	-1	15	48	70	4	11	0	13	15	1	0	1	0	5	38	16	nd	3	7
91-PMA-272	0.5	1.5	8	nd	89	-1	-5	1.1	0.1	-1	15	38	74	4	10	0	11	9	1	0	5	0	5	22	13	nd	3	6
91-PMA-273	0.4	1.3	6	nd	95	-1	-5	1	0.4	-1	12	48	45	3	11	0	13	10	1	0	11	0	5	33	11	nd	3	5
91-PMA-274	0.3	1.3	10	nd	94	-1	-5	1	0.1	-1	10	47	44	3	10	0	13	10	1	0	5	0	5	32	11	nd	3	5
91-PMA-275	0.3	2.1	8	nd	188	-1	-5	1	0.1	-1	14	59	60	4	12	0	13	14	1	0	2	0	5	46	15	nd	3	8
91-PMA-276-1	0.1	1.9	2.5	nd	177	-1	-5	1.9	0.1	-1	14	52	71	4	15	0	9	13	1	0	8	0	5	33	16	nd	3	7
91-PMA-276-2	0.1	1.9	32	nd	210	-1	-5	2	0.1	-1	15	54	76	4	16	0	10	14	1	0	7	0	5	37	17	nd	3	7
91-PMA-277-1	1.8	2	7	nd	101	-1	-5	0.3	0.1	-1	12	19	164	7	8	0	8	18	1	0	17	0	3	12	81	nd	3	7
91-PMA-277-3	1.4	1.5	21	nd	142	-1	-5	0.1	0.1	-1	4	37	160	6	7	0	12	9	0	0	18	0	4	19	69	nd	3	10
91-PMA-278	0.6	1.8	5	nd	64	-1	-5	0.4	0.5	-1	14	10	156	5	11	0	4	20	1	0	9	0	5	8	60	nd	5	6
91-PMA-280-1	0.2	1.9	2.5	nd	229	-1	-5	2.3	0.1	-1	17	71	64	4	17	0	11	15	1	0	7	0	6	82	27	nd	8	6
91-PMA-280-2	0.4	1.5	5	nd	151	-1	-5	2.1	0.1	-1	12	59	59	3	14	0	11	11	1	0	13	0	6	52	15	nd	3	5
91-PMA-281	0.5	2.3	2.5	nd	294	-1	-5	1.8	0.1	-1	20	62	82	4	17	0	19	22	1	0	5	0	6	59	20	nd	14	8
91-PMA-295	0.2	1.7	7	nd	128	-1	-5	1.1	0.1	-1	13	50	59	4	14	0	12	13	1	0	6	0	6	31	13	nd	3	7
91-PMA-296	0.3	2.5	2.5	nd	146	-1	-5	2.2	0.1	-1	21	70	80	5	18	0	12	17	1	0	9	0	6	47	19	nd	3	10
91-PMA-297	0.3	2.4	9	nd	135	-1	-5	2.3	0.1	-1	20	70	79	5	19	0	12	17	1	0	8	0	6	50	21	nd	3	10
91-PMA-298-1	0.4	1.6	24	nd	120	-1	-5	0.9	0.1	-1	22	45	65	3	10	0	21	19	1	0	1	0	5	59	15	nd	3	5
91-PMA-298-2	0.4	1.8	9	nd	116	-1	-5	1	1.1	-1	14	51	58	4	12	0	13	12	1	0	4	0	4	30	13	nd	3	8
91-PMA-299	0.4	1.4	7	nd	104	-1	-5	3.6	0.1	-1	13	31	63	3	16	0	11	11	1	0	4	0	5	41	14	nd	3	3
91-PMA-306-3	0.1	1.2	2.5	nd	123	-1	-5	1.4	0.1	-1	11	45	34	3	11	0	8	8	1	0	5	0	4	56	14	nd	3	3
91-PMA-307	0.6	2.2	2.5	nd	170	-1	-5	0.9	0.1	-1	21	43	240	4	12	0	10	18	1	0	10	0	5	31	17	nd	3	6
91-PMA-308	0.1	1.6	2.5	nd	131	-1	-5	0.7	0.3	-1	19	35	193	4	11	0	7	16	1	0	2	0	6	23	5	nd	3	3
91-PMA-309	0.4	2.3	2.5	nd	145	-1	-5	1.1	0.1	-1	23	30	129	5	13	0	9	17	1	0	1	0	4	25	18	nd	3	7
91-PMA-310	0.8	2.1	6	nd	189	-1	-5	0.9	0.1	-1	28	45	295	6	12	0	10	11	1	0	6	0	4	23	32	nd	3	9
91-PMA-311	0.3	1.9	59	nd	185	-1	-5	0.8	0.3	-1	23	40	289	5	12	0	8	11	1	0	4	0	6	19	26	nd	3	8
91-PMA-312	0.5	1.6	2.5	nd	172	-1	-5	0.7	0.1	-1	19	51	87	4	11	0	11	12	1	0	4	0	4	56	18	nd	3	6
91-PMA-314-1	0.1	1.4	2.5	nd	141	-1	-5	1.4	0.9	-1	14	53	57	3	12	0	10	12	1	0	5	0	4	53	14	nd	3	3
91-PMA-314-2	0.2	1.6	2.5	nd	169	-1	-5	1.6	0.6	-1	16	56	68	4	13	0	11	13	1	0	5	0	5	58	18	nd	3	5
91-PMA-314-3	0.3	1.8	2.5	nd	194	-1	-5	1.5	0.2	-1	18	62	68	4	13	0	12	15	1	0	4	0	5	67	15	nd	3	6

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-315	0.3	1.3	2.5	nd	143	-1	-5	0.8	0.1	-1	11	47	56	3	10	0	10	9	1	0	2	0	4	41	10	nd	3	3
91-PMA-316	0.1	1.8	2.5	nd	111	-1	-5	0.9	0.1	-1	15	55	78	4	12	0	15	13	1	0	4	0	4	27	16	nd	3	5
91-PMA-319	0.7	3.7	2.5	nd	84	-1	-5	0.7	0.1	-1	45	87	285	7	13	0	12	30	2	0	8	0	4	96	31	nd	21	8
91-PMA-320	0.7	3.5	16	nd	85	-1	-5	0.7	0.2	-1	44	78	274	7	13	0	11	28	2	0	10	0	4	88	29	nd	17	7
91-PMA-321	0.2	1.2	2.5	nd	103	-1	-5	0.8	0.1	-1	8	29	49	2	9	0	17	10	1	0	1	0	4	23	10	nd	3	3
91-PMA-322	0.5	1.8	16	nd	111	-1	-5	1	0.2	-1	21	48	84	4	12	0	12	15	1	0	2	0	4	34	14	nd	3	7
91-PMA-323-1	0.6	2	29	nd	234	-1	-5	2.4	1.1	-1	21	60	79	4	16	0	14	16	1	0	9	0	5	88	22	nd	3	7
91-PMA-323-2	0.8	2.1	11	nd	234	-1	-5	0.9	0.3	-1	23	66	80	4	14	0	15	16	1	0	6	0	5	85	23	nd	3	8
91-PMA-324	0.6	2.1	7	nd	167	-1	-5	0.9	0.4	-1	23	53	79	4	13	0	16	16	1	0	9	0	5	59	20	nd	3	7
91-PMA-325	0.3	1.7	2.5	nd	121	-1	-5	3.6	1.7	-1	11	35	51	3	19	0	13	14	1	0	8	0	6	28	15	nd	3	3
91-PMA-326	0.3	1.7	6	nd	125	-1	-5	3.6	0.1	-1	12	35	49	3	18	0	13	14	1	0	3	0	6	29	15	nd	3	3
91-PMA-327	0.2	1.6	5	nd	122	-1	-5	0.9	0.1	-1	17	39	74	4	12	0	14	12	1	0	3	0	5	41	14	nd	3	7
91-PMA-328-1	0.4	1.4	16	nd	141	-1	-5	1.7	0.1	-1	14	33	74	3	13	0	11	11	1	0	7	0	5	30	15	nd	3	3
91-PMA-328-2	0.4	1.4	25	nd	136	-1	-5	1.7	0.1	-1	15	33	71	3	13	0	11	10	1	0	2	0	5	30	15	nd	3	3
91-PMA-328-3	0.3	1.4	2.5	nd	146	-1	-5	1.9	0.1	-1	14	35	74	3	14	0	12	10	1	0	5	0	5	32	14	nd	3	3
91-PMA-328-4	0.4	1.2	7	nd	167	-1	-5	1.8	0.1	-1	12	32	64	3	14	0	10	9	1	0	7	0	5	31	12	nd	3	3
91-PMA-329-1	0.4	1.5	8	nd	170	-1	-5	1.3	0.1	-1	13	37	61	3	13	0	14	15	1	0	8	0	5	23	14	nd	3	3
91-PMA-329-2	0.5	1.6	2.5	nd	185	-1	-5	1.3	0.1	-1	14	40	74	3	14	0	16	16	1	0	2	0	5	25	16	nd	3	5
91-PMA-329-3	0.2	1.5	9	nd	175	-1	-5	1.2	0.1	-1	13	35	60	3	14	0	15	15	1	0	1	0	5	23	15	nd	3	3
91-PMA-329-4	0.3	1.5	2.5	nd	175	-1	-5	1.3	1.4	-1	14	37	62	3	13	0	15	17	1	0	9	0	5	21	15	nd	3	5
91-PMA-330-1	0.2	1	17	nd	114	-1	-5	0.6	0.1	-1	9	40	37	2	8	0	7	6	1	0	1	0	3	46	11	nd	3	3
91-PMA-330-2	0.2	1.5	2.5	nd	148	-1	-5	1.7	1.1	-1	15	48	135	3	14	0	10	11	1	0	3	0	5	51	17	nd	3	6
91-PMA-331-1	0.5	2.3	27	nd	216	-1	-5	2.3	0.1	-1	19	53	84	4	18	0	17	21	1	0	9	0	6	53	20	nd	3	8
91-PMA-331-2	0.4	2.2	39	nd	197	-1	-5	1.6	0.1	-1	19	52	81	4	16	0	16	20	1	0	9	0	5	55	21	nd	3	7
91-PMA-332	0.5	2.4	2.5	nd	222	-1	-5	2.1	0.6	-1	20	52	86	4	18	0	18	22	1	0	7	0	6	55	20	nd	3	8
91-PMA-333-1	0.6	2.1	13	nd	174	-1	-5	2.4	0.1	-1	18	49	70	4	17	0	18	19	1	0	10	0	6	46	18	nd	3	7
91-PMA-333-2	0.5	2.2	2.5	nd	166	-1	-5	1	0.5	-1	20	52	80	4	13	0	19	19	1	0	11	0	5	54	19	nd	3	7
91-PMA-338	0.7	1.8	2.5	nd	229	-1	-5	3.7	2.2	-1	23	79	82	4	17	0	17	18	1	0	11	0	5	113	25	nd	3	7
91-PMA-339	0.8	1.8	2.5	nd	214	-1	-5	3.2	1.5	-1	27	77	107	5	16	0	18	22	1	0	14	0	6	124	27	nd	8	7
91-PMA-340	0.6	1.6	5	nd	191	-1	-5	0.8	0.1	-1	23	88	55	4	11	0	22	18	1	0	7	0	5	188	23	nd	3	6
91-PMA-341	0.4	1.5	2.5	nd	163	-1	-5	0.8	0.1	-1	20	62	53	4	11	0	26	19	1	0	2	0	6	93	19	nd	3	7
91-PMA-342	0.5	2.3	2.5	nd	394	-1	-5	1	0.1	-1	37	95	101	6	12	0	14	16	2	0	4	0	4	112	21	nd	12	15

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-344-1	0.1	2.2	2.5	nd	173	-1	-5	3.3	0.1	-1	57	280	92	5	17	0	7	14	6	0	9	0	4	533	27	nd	36	12
91-PMA-344-2	0.4	2.2	2.5	nd	187	-1	-5	2.4	0.1	-1	56	272	93	5	16	0	8	14	5	0	3	0	5	540	27	nd	38	12
91-PMA-344-3	0.4	2.2	51	nd	191	-1	-5	1	0.1	-1	75	392	111	6	11	0	8	14	7	0	4	0	3	791	25	nd	22	14
91-PMA-345	0.4	2.1	47	nd	171	-1	-5	0.9	0.1	-1	76	374	102	5	9	0	7	13	8	0	4	0	2	846	24	nd	22	13
91-PMA-346-1	0.4	2.1	54	nd	203	-1	-5	2.4	0.1	-1	26	97	67	5	17	0	17	22	2	0	10	0	5	142	21	nd	9	9
91-PMA-346-2	0.5	2.3	2.5	nd	251	-1	-5	1.1	0.1	-1	34	111	84	5	13	0	14	21	2	0	2	0	4	161	22	nd	10	10
91-PMA-347	0.5	2	12	nd	196	-1	-5	2.4	0.1	-1	27	89	67	4	16	0	18	22	2	0	7	0	5	133	23	nd	15	8
91-PMA-348-1	0.6	1.5	14	nd	189	-1	-5	2.7	0.1	-1	15	55	39	3	14	0	22	17	1	0	5	0	6	73	17	nd	3	5
91-PMA-348-2	0.1	1.3	2.5	nd	146	-1	-5	2.1	0.6	-1	15	47	35	3	22	0	19	19	1	0	2	0	9	61	7	nd	3	3
91-PMA-348-3	0.1	2	7	nd	215	-1	-5	2.8	0.4	-1	21	72	54	4	23	0	20	28	2	0	9	0	9	100	20	nd	5	6
91-PMA-348-4	0.1	1.8	15	nd	209	-1	-5	2.3	0.1	-1	21	60	50	4	22	0	22	28	1	0	11	0	8	87	20	nd	5	6
91-PMA-348-5	0.1	1.6	2.5	nd	177	-1	-5	2.2	0.1	-1	19	52	45	4	20	0	22	24	1	0	3	0	8	69	14	nd	3	5
91-PMA-348-6	0.1	1.7	2.5	nd	213	-1	-5	3.1	0.1	-1	23	47	60	4	22	0	26	28	1	0	7	0	9	75	24	nd	3	5
91-PMA-349-1	0.3	1.4	24	nd	199	-1	-5	2.8	0.3	-1	22	72	63	4	22	0	11	18	2	0	15	0	7	124	23	nd	6	5
91-PMA-349-2	0.5	1.2	24	nd	305	-1	-5	3	1.3	-1	25	55	75	3	22	0	10	15	2	0	13	0	7	116	22	nd	6	5
91-PMA-349-3	0.1	1.2	31	nd	172	-1	-5	1.4	1.3	-1	29	64	99	5	16	0	16	11	1	0	6	0	7	125	19	nd	3	8
91-PMA-352	0.1	1.7	30	nd	129	-1	-5	0.3	0.1	-1	20	37	46	4	14	0	27	26	1	0	4	0	7	55	18	nd	3	3
91-PMA-353	0.1	1.5	28	nd	107	-1	-5	0.3	0.1	-1	19	32	42	4	8	0	23	24	1	0	5	0	6	47	13	nd	3	3
91-PMA-354	0.1	1.6	11	nd	380	-1	-5	0.8	0.2	-1	18	55	47	4	16	0	22	16	1	0	8	0	7	68	10	nd	3	6
91-PMA-355	0.1	1.4	8	nd	180	-1	-5	0.8	0.1	-1	16	47	43	3	11	0	16	15	1	0	6	0	6	60	10	nd	3	5
91-PMA-356-01	0.1	1.7	2.5	nd	138	-1	-5	0.8	0.1	-1	17	59	92	4	17	0	10	12	1	0	2	0	6	58	10	nd	3	7
91-PMA-356-02	0.1	2.3	20	nd	117	-1	-5	1.3	0.1	-1	43	84	257	6	20	0	3	29	2	0	8	0	5	55	14	nd	7	7
91-PMA-356-03	0.1	1.6	23	nd	124	-1	-5	0.8	0.1	-1	18	62	101	4	15	0	8	12	1	0	5	0	6	55	6	nd	3	7
91-PMA-356-04	0.1	1.8	11	nd	109	-1	-5	1.1	0.1	-1	33	69	154	5	18	0	5	16	1	0	1	0	5	54	11	nd	3	6
91-PMA-356-05	0.5	2.4	27	nd	133	-1	-5	1.1	0.1	-1	37	72	254	6	19	1	3	19	2	0	10	0	5	47	13	nd	6	7
91-PMA-356-06	0.1	1.5	36	nd	94	-1	-5	1.6	0.1	-1	23	60	102	4	19	0	6	14	1	0	2	0	7	41	7	nd	3	3
91-PMA-356-07	0.3	2.7	2.5	nd	151	-1	-5	1.3	0.1	-1	47	87	186	6	22	1	2	30	3	0	9	0	5	47	18	nd	7	7
91-PMA-356-08	0.1	1.5	60	nd	92	-1	-5	1	0.1	-1	31	70	101	4	17	0	6	12	1	0	4	0	6	53	9	nd	3	7
91-PMA-356-09	0.1	2.4	2.5	nd	145	-1	-5	1.1	0.8	-1	26	84	185	6	20	0	5	23	2	0	4	0	6	50	13	nd	6	9
91-PMA-356-10	0.3	2.3	2.5	nd	159	-1	-5	1.2	0.1	-1	48	117	190	6	20	1	4	26	2	0	1	0	6	60	11	nd	6	7
91-PMA-356-11	0.1	2.2	2.5	nd	126	-1	-5	1.1	0.1	-1	22	90	158	5	19	0	6	21	2	0	2	0	6	51	13	nd	5	8
91-PMA-356-12	0.1	2.2	35	nd	120	-1	-5	1.1	0.1	-1	64	101	292	5	21	0	4	20	2	0	8	0	5	72	14	nd	5	7

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-356-13	0.4	2.5	2.5	nd	150	-1	-5	1.2	0.1	-1	54	113	368	6	21	0	4	22	2	0	8	0	5	71	19	nd	6	9
91-PMA-356-14	0.1	2.7	14	nd	140	-1	-5	1.3	0.1	-1	37	101	241	5	22	1	5	22	2	0	10	0	5	55	11	nd	6	7
91-PMA-356-15	0.3	2.2	14	nd	121	-1	-5	1.1	0.1	-1	33	82	192	5	20	0	5	18	2	0	4	0	5	53	13	nd	6	8
91-PMA-356-16	0.1	1.8	11	nd	79	-1	-5	1	0.1	-1	19	58	189	4	16	0	7	13	1	0	9	0	6	40	7	nd	3	6
91-PMA-356-17	0.1	3	143	nd	140	-1	-5	1	0.1	-1	68	64	443	6	18	0	3	15	1	0	3	0	6	60	11	nd	5	6
91-PMA-356-18	0.1	3	49	nd	130	-1	-5	1.3	0.1	-1	44	64	457	6	20	0	5	17	1	0	10	0	6	65	16	nd	3	8
91-PMA-356-19	0.1	2.6	2.5	nd	124	-1	-5	1.3	0.3	-1	52	86	362	5	21	0	7	19	1	0	8	0	6	52	11	nd	3	7
91-PMA-356-20	0.4	2.2	37	nd	170	-1	-5	1.1	0.1	-1	51	62	323	5	18	0	6	15	1	0	5	0	6	55	13	nd	3	8
91-PMA-358	0.1	1.4	2.5	nd	74	-1	-5	2	0.1	-1	20	51	44	4	20	0	20	16	1	0	8	0	8	69	8	nd	3	5
91-PMA-362	0.1	1.6	2.5	nd	132	-1	-5	3.1	0.3	-1	20	76	57	3	21	0	10	16	2	0	11	0	7	98	10	nd	5	6
91-PMA-363	0.1	1.7	5	nd	143	-1	-5	3.1	0.1	-1	20	77	61	4	19	0	8	18	2	0	6	0	7	104	10	nd	22	7
91-PMA-364	0.1	1.5	2.5	nd	136	-1	-5	3.7	0.1	-1	19	81	51	3	22	0	13	13	2	0	1	0	7	158	12	nd	6	7
91-PMA-365	0.1	1.1	2.5	nd	80	-1	-5	9.3	0.1	-1	14	80	32	3	12	0	12	10	2	0	6	0	4	218	12	nd	6	3
91-PMA-366	0.1	0.9	11	nd	70	-1	-5	9.2	0.2	-1	15	68	29	2	12	0	10	9	2	0	2	0	6	208	5	nd	18	3
91-PMA-367-1	0.1	2.1	2.5	nd	290	-1	-5	3.6	0.1	-1	15	51	40	4	23	0	22	26	1	0	9	0	8	59	14	nd	6	6
91-PMA-367-2	0.1	2.1	24	nd	252	-1	-5	2.9	0.1	-1	17	56	47	4	22	0	22	26	1	0	4	0	8	64	17	nd	3	6
91-PMA-368	0.1	1.9	6	nd	234	-1	-5	3.4	0.3	-1	14	44	40	3	19	0	16	25	1	0	14	0	8	53	12	nd	10	5
91-PMA-370-1	0.1	1.6	2.5	nd	395	-1	-5	3.1	1.6	-1	16	48	51	3	22	0	20	18	1	0	10	0	8	75	16	nd	3	6
91-PMA-370-2	0.1	1.6	9	nd	408	-1	-5	3.1	1.3	-1	14	50	50	3	22	0	20	20	1	0	12	0	7	65	14	nd	3	6
91-PMA-370-3	0.1	1.5	11	nd	394	-1	-5	3.3	0.2	-1	15	53	50	3	22	0	20	18	1	0	12	0	7	70	13	nd	3	6
91-PMA-371	0.1	1.9	2.5	nd	273	-1	-5	3	0.3	-1	23	66	74	4	22	0	15	16	1	0	9	0	7	82	9	nd	3	9
91-PMA-372	0.1	1.4	10	nd	113	-1	-5	0.8	0.1	-1	12	47	64	3	15	0	8	8	1	0	6	0	6	29	-2	nd	3	6
91-PMA-373	0.1	1.8	2.5	nd	140	-1	-5	0.7	0.1	-1	9	45	74	3	14	0	9	9	1	0	5	0	5	31	-2	nd	3	7
91-PMA-374	0.1	1.9	2.5	nd	121	-1	-5	0.8	0.1	-1	16	42	81	4	16	0	9	11	1	0	4	0	6	29	2	nd	3	6
91-PMA-375-1	0.1	2.3	8	nd	215	-1	-5	3.9	1.6	-1	26	74	100	4	23	0	9	17	2	0	15	0	7	93	18	nd	7	10
91-PMA-375-2	0.1	2.2	2.5	nd	162	-1	-5	4.1	0.1	-1	23	77	106	4	24	0	9	15	2	0	7	0	6	80	14	nd	6	12
91-PMA-376	0.1	2.2	2.5	nd	184	-1	-5	3.9	0.6	-1	22	80	93	5	24	0	10	16	2	0	10	0	7	86	18	nd	6	11
91-PMA-377	0.3	1.3	2.5	nd	150	-1	-5	7.9	0.1	-1	23	36	105	4	17	0	13	16	1	0	22	0	6	94	21	nd	5	3
91-PMA-378	0.2	1.3	26	nd	186	-1	-5	0.9	0.1	-1	13	48	59	3	14	0	17	10	1	0	8	0	6	59	6	nd	3	6
91-PMA-383	0.1	2.4	7	nd	277	-1	-5	0.9	0.1	-1	17	61	50	4	19	1	30	24	1	0	7	0	7	56	14	nd	3	7
91-PMA-384	0.1	2.6	2.5	nd	292	-1	-5	0.9	0.1	-1	19	66	55	4	22	1	30	27	1	0	1	0	8	57	15	nd	5	8
91-PMA-392	0.1	2.1	2.5	nd	200	-1	-5	0.4	0.1	-1	21	68	38	4	16	0	29	28	1	0	7	0	7	65	33	nd	3	6

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-393	0.1	1.9	2.5	nd	175	-1	-5	0.4	0.6	-1	18	61	31	3	16	0	30	27	1	0	1	0	7	56	19	nd	3	5
91-PMA-394	0.1	1.8	2.5	nd	329	-1	-5	2.5	0.1	-1	13	50	34	3	21	0	22	28	1	0	3	0	8	59	15	nd	3	3
91-PMA-395-1	0.1	1.6	2.5	nd	165	-1	-5	3.7	0.1	-1	10	29	25	3	21	0	21	29	1	0	12	0	8	36	13	nd	3	3
91-PMA-395-2	0.1	2.2	2.5	nd	201	-1	-5	0.6	0.1	-1	21	59	41	4	16	0	24	35	1	0	2	0	6	75	28	nd	3	6
91-PMA-398	0.1	2.3	2.5	nd	133	-1	-5	0.3	0.1	-1	16	41	49	4	16	1	38	39	1	0	1	0	7	50	18	nd	3	3
91-PMA-399	0.1	2	2.5	nd	108	-1	-5	2.6	0.1	-1	15	39	35	4	21	1	35	46	1	0	8	0	8	43	11	nd	3	3
91-PMA-400	0.1	2.2	2.5	nd	324	-1	-5	4.2	0.1	-1	16	48	41	4	23	0	19	34	1	0	9	0	7	53	12	nd	3	6
91-PMA-401	0.1	2.1	19	nd	320	-1	-5	4.2	0.1	-1	18	49	40	4	25	0	19	34	1	0	4	0	7	51	11	nd	3	6
91-PMA-402	0.1	2.1	2.5	nd	120	-1	-5	0.4	0.1	-1	17	39	35	4	16	1	32	37	1	0	3	0	7	46	17	nd	3	3
91-PMA-403	0.1	2.3	2.5	nd	186	-1	-5	0.6	0.1	-1	22	66	52	4	16	0	28	32	1	0	2	0	7	73	19	nd	3	8
91-PMA-404	0.2	3.1	47	nd	185	-1	-5	0.2	0.1	-1	19	51	39	5	17	1	35	65	1	0	1	0	7	48	19	nd	3	6
91-PMA-405-1	0.3	2.8	2.5	nd	124	-1	-5	1.1	0.1	-1	29	84	148	6	21	1	5	20	2	0	2	0	5	44	16	nd	6	8
91-PMA-405-2	0.2	2.3	12	nd	167	-1	-5	0.9	0.1	-1	27	69	217	5	19	1	6	15	1	0	5	0	5	48	14	nd	5	11
91-PMA-406-1	0.1	3.4	2.5	nd	293	-1	-5	1.3	0.1	-1	34	81	236	7	24	1	3	23	2	0	9	0	5	48	17	nd	6	9
91-PMA-406-2	0.1	2.9	22	nd	242	-1	-5	1.3	0.1	-1	28	84	200	5	22	1	6	23	2	0	4	0	5	56	26	nd	6	7
91-PMA-406-3	0.4	2.6	50	nd	260	-1	-5	1.1	0.1	-1	29	76	214	5	23	1	6	21	2	0	6	0	7	56	30	nd	5	8
91-PMA-407	0.4	3.8	13	nd	347	-1	-5	1.4	0.1	-1	43	159	283	7	26	1	1	34	3	0	2	0	6	73	27	nd	7	6
91-PMA-408-1	0.1	3.5	14	nd	176	-1	-5	1.2	0.1	-1	28	78	126	7	25	1	-1	29	3	0	2	0	5	43	85	nd	7	10
91-PMA-408-2	0.1	3.5	2.5	nd	145	-1	-5	1.4	0.1	-1	22	78	75	6	26	1	2	29	3	0	7	0	6	39	26	nd	7	7
91-PMA-408-3	0.3	4.6	2.5	nd	135	-1	-5	1.6	0.1	-1	23	116	86	8	31	2	-1	41	4	0	3	0	5	43	26	nd	8	6
91-PMA-408-4	0.3	5.3	33	nd	271	-1	-5	1.6	0.1	-1	27	117	137	10	30	2	-1	45	4	0	5	0	5	52	29	nd	8	21
91-PMA-409	0.4	3.6	2.5	nd	170	-1	-5	1.1	0.1	-1	39	191	409	8	25	1	-1	27	4	0	7	0	5	70	25	nd	7	27
91-PMA-410-1	0.1	1.9	2.5	nd	178	-1	-5	1	0.1	-1	24	99	118	4	17	0	7	14	1	0	3	0	6	59	23	nd	5	7
91-PMA-410-2	0.1	2.3	2.5	nd	196	-1	-5	1.1	0.6	-1	29	96	125	5	20	0	7	19	2	0	11	0	6	68	18	nd	5	9
91-PMA-410-3	0.1	0.9	2.5	nd	90	-1	-5	0.8	0.1	-1	10	36	46	2	13	0	8	7	0	0	4	0	5	28	-2	nd	3	3
91-PMA-411-1	0.1	1.8	2.5	nd	176	-1	-5	0.9	0.1	-1	19	50	89	4	18	0	8	12	1	0	6	0	6	45	9	nd	3	7
91-PMA-411-2	0.1	1.8	2.5	nd	173	-1	-5	0.9	0.1	-1	17	51	96	4	17	0	8	12	1	0	7	0	6	45	9	nd	3	7
91-PMA-411-3	0.1	1.8	16	nd	173	-1	-5	0.9	0.1	-1	17	51	94	4	17	0	9	13	1	0	2	0	6	49	10	nd	3	7
91-PMA-411-4	0.1	1.8	13	nd	169	-1	-5	0.8	0.3	-1	17	55	104	4	17	0	9	12	1	0	1	0	6	44	11	nd	3	7
91-PMA-411-5	0.1	1.9	26	nd	179	-1	-5	0.9	0.1	-1	15	56	99	4	16	0	9	12	1	0	6	0	6	46	8	nd	3	8
91-PMA-411-6	0.1	1.9	2.5	nd	126	-1	-5	0.9	0.1	-1	17	49	94	4	17	0	8	14	1	0	3	0	6	43	8	nd	3	7
91-PMA-411-7	0.1	4.1	54	nd	189	-1	-5	1.4	0.1	-1	35	61	196	8	25	1	3	29	3	0	10	0	6	46	27	nd	7	16

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-411-8	0.1	1.9	19	nd	148	-1	-5	0.9	0.1	-1	16	54	108	4	17	0	8	13	1	0	2	0	6	47	10	nd	3	7
91-PMA-412-1	0.1	1.6	2.5	nd	91	-1	-5	0.5	0.5	-1	12	47	67	3	14	0	6	9	1	0	1	0	6	30	5	nd	3	3
91-PMA-412-2	0.1	1.8	2.5	nd	148	-1	-5	0.7	0.1	-1	15	59	88	4	17	0	8	11	1	0	4	0	6	41	6	nd	3	9
91-PMA-417-1	0.1	2.3	2.5	nd	152	-1	-5	0.9	0.1	-1	28	70	195	5	19	1	5	14	2	0	4	0	6	33	14	nd	6	8
91-PMA-417-2	0.1	1.8	2.5	nd	103	-1	-5	0.9	0.1	-1	23	64	135	4	17	0	5	12	1	0	4	0	5	23	9	nd	3	5
91-PMA-417-3	0.1	2.2	2.5	nd	152	-1	-5	1.1	0.1	-1	24	69	150	5	20	1	4	16	2	0	1	0	6	28	15	nd	6	7
91-PMA-418-1	0.1	1.7	2.5	nd	123	-1	-5	2	0.7	-1	18	41	147	4	21	0	5	11	1	0	6	0	6	21	9	nd	5	5
91-PMA-418-2	0.1	2	12	nd	136	-1	-5	1	0.1	-1	21	52	104	4	19	0	7	17	1	0	4	0	6	28	12	nd	3	7
91-PMA-418-4	0.1	1.9	2.5	nd	77	-1	-5	6.1	0.1	-1	45	52	151	6	22	0	3	18	2	0	12	0	6	33	10	nd	6	17
91-PMA-419	0.4	2.3	38	nd	93	-1	-5	0.9	0.1	-1	26	67	130	5	20	0	4	21	2	0	2	0	6	34	13	nd	6	8
91-PMA-420-1	0.5	1.7	2.5	nd	131	-1	-5	1	0.1	-1	24	65	309	5	17	0	8	12	1	0	1	0	6	23	24	nd	6	9
91-PMA-420-2	0.2	1.8	2.5	nd	138	-1	-5	1	0.1	-1	20	58	329	4	19	0	7	14	2	0	8	0	6	25	12	nd	6	7
91-PMA-420-3	0.1	2.7	2.5	nd	188	-1	-5	1.4	0.1	-1	33	99	175	5	23	1	3	18	3	0	3	0	6	37	18	nd	7	8
91-PMA-420-4	0.1	2.5	2.5	nd	175	-1	-5	1.3	0.1	-1	32	109	165	5	22	1	3	17	3	0	6	0	6	40	16	nd	7	8
91-PMA-420-5	0.2	2.2	2.5	nd	153	-1	-5	1.2	0.1	-1	29	95	171	5	23	1	4	15	2	0	2	0	6	36	17	nd	6	8
91-PMA-420-6	0.3	1.7	2.5	nd	194	-1	-5	0.8	0.1	-1	27	50	326	6	19	0	7	11	1	0	5	0	6	24	14	nd	3	12
91-PMA-421	0.1	2.3	2.5	nd	124	-1	-5	0.9	0.1	-1	26	69	117	5	20	0	4	18	2	0	3	0	5	36	15	nd	6	8
91-PMA-422-1	0.1	2.6	2.5	nd	112	-1	-5	1.3	0.1	-1	53	41	391	9	24	1	11	16	2	0	8	0	7	31	15	nd	7	28
91-PMA-422-2	1.1	2.9	2.5	nd	203	-1	-5	3.3	0.1	-1	40	47	459	7	27	0	6	24	2	0	17	0	7	28	21	nd	7	13
91-PMA-422-3	0.3	2.2	2.5	nd	186	-1	-5	1.1	0.1	-1	63	47	586	9	20	0	6	15	2	0	10	0	6	28	16	nd	6	22
91-PMA-422-4	0.3	2.8	2.5	nd	200	-1	-5	1	0.1	-1	35	67	215	6	22	0	3	23	2	0	11	0	6	27	19	nd	6	13
91-PMA-423	0.1	3	2.5	nd	70	-1	-5	1.5	0.1	-1	34	26	142	6	22	1	4	25	3	0	7	0	6	26	17	nd	7	5
91-PMA-424	0.1	1.5	2.5	nd	113	-1	-5	0.7	0.1	-1	12	29	92	3	16	0	11	10	1	0	3	0	6	20	9	nd	3	3
91-PMA-425-1	0.1	1	2.5	nd	70	-1	-5	0.6	0.1	-1	11	18	93	3	14	0	9	5	0	0	4	0	6	13	5	nd	3	3
91-PMA-425-2	0.1	1	6	nd	69	-1	-5	0.6	0.1	-1	10	17	108	3	14	0	8	5	0	0	1	0	6	12	6	nd	3	3
91-PMA-425-3	0.1	0.9	2.5	nd	73	-1	-5	0.6	0.8	-1	10	18	86	3	14	0	8	5	0	0	6	0	6	12	2	nd	3	3
91-PMA-425-4	0.1	1	15	nd	70	-1	-5	0.6	0.1	-1	12	18	91	3	14	0	9	5	0	0	5	0	6	11	5	nd	3	3
91-PMA-426-1	0.1	1.3	10	nd	107	-1	-5	0.7	0.1	-1	12	19	168	3	16	0	10	8	1	0	1	0	6	14	13	nd	3	3
91-PMA-426-2	0.1	1.4	2.5	nd	126	-1	-5	0.6	0.1	-1	12	23	114	3	15	0	9	7	1	0	4	0	6	16	9	nd	3	3
91-PMA-426-3	0.1	3.1	2.5	nd	143	-1	-5	1	0.1	-1	29	18	298	6	23	0	11	23	2	0	11	0	6	20	26	nd	6	9
91-PMA-427-1	0.1	1.4	2.5	nd	202	-1	-5	1.1	0.1	-1	15	45	74	3	17	0	9	12	1	0	3	0	6	47	11	nd	3	3
91-PMA-429-1	0.2	1.9	2.5	nd	139	-1	-5	5.5	0.1	-1	30	41	198	5	25	0	5	15	1	0	7	0	7	27	10	nd	3	8

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	Ga	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	Pb	Rb	Sb	Sc
91-PMA-429-2	0.3	1.9	1.9	nd	142	-1	-5	4.8	0.1	-1	24	34	193	5	24	0	6	13	1	0	8	0	7	17	10	nd	5	7
91-PMA-429-3	0.1	1.9	2.5	nd	121	-1	-5	4.2	0.1	-1	25	34	208	5	23	0	6	13	1	0	6	0	7	19	10	nd	5	7
91-PMA-429-4	0.3	2.3	1.8	nd	131	-1	-5	1	0.1	-1	34	52	362	6	22	0	6	15	2	0	6	0	6	20	17	nd	7	10
91-PMA-429-5	0.1	1.9	2.5	nd	148	-1	-5	5.4	0.1	-1	25	36	190	5	24	0	6	14	2	0	6	0	7	20	11	nd	6	7
91-PMA-429-6	0.4	2.3	2.5	nd	154	-1	-5	1.1	0.1	-1	33	36	255	6	21	0	7	15	2	0	7	0	6	20	14	nd	7	9
91-PMA-430-1	0.2	2.1	2.5	nd	165	-1	-5	1.8	0.1	-1	27	57	162	5	22	0	7	15	2	0	8	0	6	27	15	nd	3	7
91-PMA-430-2	0.4	2.4	2.5	nd	160	-1	-5	2	0.1	-1	29	53	203	5	23	0	7	19	2	0	6	0	6	32	13	nd	6	9
91-PMA-430-3	0.1	1.9	2.5	nd	178	-1	-5	1.3	0.1	-1	20	43	140	4	19	0	8	14	1	0	10	0	6	25	9	nd	3	7
91-PMA-430-4	0.2	2.2	2.5	nd	143	-1	-5	3.3	0.1	-1	27	48	162	5	24	0	5	18	2	0	8	0	7	31	15	nd	6	8
91-PMA-431-1	0.3	2.1	2.5	nd	124	-1	-5	1	0.1	-1	28	63	146	5	19	0	5	16	2	0	2	0	6	32	14	nd	6	9
91-PMA-431-2	0.1	2.1	2.5	nd	130	-1	-5	2.7	0.1	-1	25	57	116	5	22	0	4	15	1	0	8	0	6	29	12	nd	6	7
91-PMA-431-3	0.1	2.4	2.5	nd	125	-1	-5	2.9	0.1	-1	25	58	111	5	24	0	4	19	2	0	5	0	7	36	15	nd	6	8
91-PMA-431-4	0.1	2.3	2.5	nd	126	-1	-5	2.9	0.1	-1	24	57	126	5	24	0	5	18	2	0	3	0	6	32	13	nd	6	8
91-PMA-431-5	0.1	2.7	2.5	nd	172	-1	-5	0.8	0.1	-1	30	61	135	6	19	0	4	21	2	0	8	0	6	41	15	nd	6	11
91-PMA-431-6	0.1	1.2	2.5	nd	98	-1	-5	10	0.1	-1	20	27	131	5	13	0	6	9	1	0	7	0	4	16	4	nd	3	6

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
90-PMA-009	-20	87	-1	-10	nd	90	-10	16	86	21
90-PMA-020	-20	78	-1	-10	nd	87	-10	16	66	16
90-PMA-026	-20	86	-1	-10	nd	77	-10	14	53	17
90-PMA-028-1	-20	96	-1	-10	nd	89	-10	16	91	21
90-PMA-028-2	-20	86	-1	-10	nd	74	-10	14	60	19
90-PMA-035	-20	75	-10	-10	nd	74	-10	14	37	30
90-PMA-036	-20	99	-10	-10	nd	83	-10	17	66	18
90-PMA-050	-20	82	-1	-10	nd	65	-10	18	54	17
90-PMA-052	-20	92	-1	-10	nd	81	-10	15	48	23
90-PMA-055	-20	103	-10	-10	nd	89	-10	15	38	28
90-PMA-057	-20	89	-1	-10	nd	91	-10	15	43	24
90-PMA-062	-20	78	-1	-10	nd	90	-10	15	72	19
90-PMA-063	-20	85	-1	-10	nd	94	-10	15	59	17
90-PMA-065	-20	98	-1	-10	nd	101	-10	17	93	27
90-PMA-068	-20	94	-10	-10	nd	78	-10	15	63	17
90-PMA-073-1	-20	73	-1	-10	nd	86	-10	14	98	15
90-PMA-077	-20	77	-1	-10	nd	91	-10	17	85	40
90-PMA-078	-20	85	-1	-10	nd	75	-10	15	67	12
90-PMA-081	-20	98	-1	-10	nd	69	-10	15	55	12
90-PMA-086	-20	45	-1	-10	nd	59	-10	15	38	12
90-PMA-088	-20	142	-1	-10	nd	92	-10	18	49	31
90-PMA-089	-20	58	-1	-10	nd	72	-10	12	34	14
90-PMA-095	-20	85	-10	-10	nd	84	-10	14	61	16
90-PMA-097	-20	77	-1	-10	nd	80	-10	14	50	16
90-PMA-098	-20	69	-10	-10	nd	74	-10	19	65	13
90-PMA-099	-20	86	-1	-10	nd	68	-10	14	63	16
90-PMA-101	-20	112	-1	-10	nd	81	-10	23	75	29
90-PMA-103	-20	78	-1	-10	nd	84	-10	14	90	15
90-PMA-105	-20	73	-1	-10	nd	86	-10	15	78	29
90-PMA-107	-20	88	-1	-10	nd	108	-10	18	70	42
90-PMA-115	-20	84	-1	-10	nd	96	-10	22	62	32
90-PMA-117	-20	104	-10	-10	nd	95	-10	17	70	20

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
90-PMA-118	-20	84	-10	-10	nd	80	-10	13	59	16
90-PMA-122	-20	120	-1	-10	nd	93	-10	17	65	23
90-PMA-123	-20	83	-1	-10	nd	98	-10	16	64	17
90-PMA-125	-20	76	-10	-10	nd	109	-10	15	66	17
90-PMA-127	-20	87	-10	-10	nd	94	-10	22	67	29
90-PMA-131	-20	72	-1	-10	nd	84	-10	15	92	15
90-PMA-133	-20	72	-10	-10	nd	86	-10	14	108	13
90-PMA-135	-20	128	-1	-10	nd	90	-10	16	79	30
90-PMA-136	-20	91	-1	-10	nd	101	-10	17	78	44
90-PMA-139	-20	83	-1	-10	nd	96	-10	16	88	35
90-PMA-141	-20	51	-1	-10	nd	87	-10	16	94	25
90-PMA-142	-20	79	-1	-10	nd	87	-10	14	83	23
90-PMA-144	-20	97	-1	-10	nd	76	-10	19	61	33
90-PMA-146-2	-20	98	-1	-10	nd	98	-10	15	69	23
90-PMA-150	-20	139	-10	-10	nd	100	-10	16	90	34
90-PMA-153	-20	98	-1	-10	nd	107	-10	19	84	30
90-PMA-159	-20	101	-10	-10	nd	99	-10	16	82	28
90-PMA-160	-20	77	-1	-10	nd	95	-10	15	75	28
90-PMA-161	-20	84	-1	-10	nd	102	-10	17	77	23
90-PMA-165	-20	87	-10	-10	nd	82	-10	14	67	18
90-PMA-169	-20	105	-10	-10	nd	97	-10	17	74	18
90-PMA-171	-20	80	-1	-10	nd	94	-10	21	139	17
90-PMA-172	-20	71	-10	-10	nd	96	-10	17	73	17
90-PMA-175	-20	89	-10	-10	nd	96	-10	18	79	18
90-PMA-176	-20	95	-10	-10	nd	82	-10	15	88	12
90-PMA-178	-20	96	-1	-10	nd	85	-10	15	86	13
90-PMA-182-1	-20	108	-1	-10	nd	107	-10	21	86	30
90-PMA-182-2	-20	103	-10	-10	nd	105	-10	22	80	44
90-PMA-186	-20	63	-1	-10	nd	84	-10	13	73	22
90-PMA-188	-20	60	-1	-10	nd	81	-10	13	65	16
90-PMA-189	-20	60	-10	-10	nd	84	-10	15	82	20
90-PMA-195	-20	51	-10	-10	nd	79	-10	11	80	13

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
90-PMA-198	-20	35	-1	-10	nd	73	-10	7	29	9
90-PMA-204	-20	60	-1	-10	nd	78	-10	12	62	14
90-PMA-206	-20	86	-1	-10	nd	82	-10	14	104	10
90-PMA-210	-20	70	-10	-10	nd	71	-10	12	78	9
90-PMA-215	-20	103	-10	-10	nd	77	-10	13	108	12
90-PMA-218	-20	76	-1	-10	nd	86	-10	13	106	11
90-PMA-220	-20	92	-10	-10	nd	79	-10	13	94	12
90-PMA-223	-20	78	-1	-10	nd	85	-10	13	90	13
90-PMA-224	-20	74	-1	-10	nd	83	-10	13	93	13
90-PMA-226	-20	64	-1	-10	nd	73	-10	12	79	13
90-PMA-229	-20	48	-10	-10	0	42	-20	7	128	12
91-PMA-003	-20	38	-10	-10	0	58	-20	11	112	15
91-PMA-007	-20	33	-10	-10	0	65	-20	9	96	12
91-PMA-009	-20	34	-10	-10	0	63	-20	9	99	10
91-PMA-016	-20	51	-10	-10	0	65	-20	10	78	20
91-PMA-017	-20	46	-10	-10	0	62	-20	10	87	15
91-PMA-019	-20	42	-10	-10	0	66	-20	9	48	19
91-PMA-023	-20	58	-10	-10	0	68	-20	12	91	20
91-PMA-026	-20	42	-10	-10	0	62	-20	9	60	28
91-PMA-027	-20	38	-10	-10	0	59	-20	9	57	25
91-PMA-028	-20	76	-10	-10	0	81	-20	12	71	43
91-PMA-031	-20	41	-10	-10	0	67	-20	11	61	18
91-PMA-038	-20	55	-10	-10	0	68	-20	9	101	22
91-PMA-040	-20	58	-10	-10	0	64	-20	10	88	20
91-PMA-041	-20	37	-10	-10	0	59	-20	8	78	17
91-PMA-042	-20	62	-10	-10	0	69	-20	10	68	38
91-PMA-046	-20	62	-10	-10	0	60	-20	9	123	13
91-PMA-049	-20	55	-10	-10	0	62	-20	9	123	14
91-PMA-053	-20	31	-10	-10	0	55	-20	8	56	11
91-PMA-054	-20	43	-10	-10	0	66	-20	15	129	13
91-PMA-058	-20	37	-10	-10	0	70	-20	9	97	12
91-PMA-059	-20	37	-10	-10	0	69	-20	8	92	12

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-060	-20	35	-10	-10	0	79	-20	10	88	10
91-PMA-063	-20	55	-10	-10	0	66	-20	8	102	12
91-PMA-064	-20	38	-10	-10	0	66	-20	9	88	12
91-PMA-065	-20	47	-10	-10	0	47	-20	7	137	11
91-PMA-068	-20	48	-10	-10	0	64	-20	9	100	12
91-PMA-069-1	-20	50	-10	-10	0	60	-20	8	106	12
91-PMA-069-2	-20	44	-10	-10	0	64	-20	10	96	11
91-PMA-070	-20	52	-10	-10	0	62	-20	8	129	12
91-PMA-071	-20	42	-10	-10	0	74	-20	11	71	10
91-PMA-073-1	-20	68	-10	-10	0	67	-20	9	94	16
91-PMA-073-2	-20	68	-10	-10	0	65	-20	9	89	16
91-PMA-073-3	-20	57	-10	-10	0	68	-20	9	91	15
91-PMA-073-4	-20	61	-10	-10	0	70	-20	10	90	13
91-PMA-074	-20	47	-10	-10	0	65	-20	9	95	14
91-PMA-075	-20	56	-10	-10	0	56	-20	8	78	15
91-PMA-079	-20	45	-10	-10	0	63	-20	10	101	13
91-PMA-080	-20	50	-10	-10	0	83	-20	9	71	7
91-PMA-081	-20	61	-10	-10	0	72	-20	9	82	19
91-PMA-082-1	-20	75	-10	-10	0	73	-20	9	79	18
91-PMA-082-2	-20	58	-10	-10	0	78	-20	10	84	18
91-PMA-083-1	-20	62	-10	-10	0	89	-20	9	168	11
91-PMA-083-2	-20	53	-10	-10	0	59	-20	8	136	11
91-PMA-085-1	-20	94	-10	-10	0	77	-20	9	178	12
91-PMA-085-2	-20	91	-10	-10	0	81	-20	9	186	12
91-PMA-086	-20	49	-10	-10	0	70	-20	11	159	9
91-PMA-089	-20	105	-10	-10	0	62	-20	11	122	22
91-PMA-090	-20	61	-10	-10	0	52	-20	9	90	13
91-PMA-092	-20	71	-10	-10	0	61	-20	9	116	11
91-PMA-093	-20	72	-10	-10	0	65	-20	10	122	14
91-PMA-094-1	-20	57	-10	-10	0	53	-20	9	91	11
91-PMA-096	-20	47	-10	-10	0	46	-20	7	74	9
91-PMA-097	-20	27	-10	-10	0	55	-20	8	64	4

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-098	-20	70	-10	-10	0	51	-20	8	89	11
91-PMA-103-1	-20	44	-10	-10	0	64	-20	7	88	12
91-PMA-103-2	-20	28	-10	-10	0	68	-20	8	101	12
91-PMA-104	-20	27	-10	-10	0	68	-20	7	95	12
91-PMA-105	-20	31	-10	-10	0	69	-20	11	115	9
91-PMA-106	-20	42	-10	-10	0	53	-20	10	87	11
91-PMA-107	-20	32	-10	-10	0	59	-20	11	125	11
91-PMA-108	-20	38	-10	-10	0	51	-20	8	88	10
91-PMA-110	-20	36	-10	-10	0	57	-20	9	104	11
91-PMA-112	-20	47	-10	-10	0	54	-20	8	91	13
91-PMA-115	-20	79	-10	-10	0	74	-20	10	165	17
91-PMA-117	-20	96	-10	-10	0	61	-20	8	135	13
91-PMA-118	-20	76	-10	-10	0	66	-20	9	161	15
91-PMA-119	-20	51	-10	-10	0	65	21	9	125	8
91-PMA-121	-20	97	-10	-10	0	65	-20	9	185	9
91-PMA-123	-20	38	-10	-10	0	52	-20	9	126	13
91-PMA-125	-20	121	-10	-10	0	66	-20	10	238	11
91-PMA-126	-20	70	-10	-10	0	65	-20	10	128	12
91-PMA-128	-20	62	-10	-10	0	72	-20	10	121	15
91-PMA-129	-20	108	-10	-10	0	80	-20	10	211	18
91-PMA-131	-20	81	-10	-10	0	66	-20	9	131	15
91-PMA-132	-20	111	-10	-10	0	71	-20	9	147	9
91-PMA-133	-20	58	-10	-10	0	90	-20	13	161	15
91-PMA-135	-20	58	-10	-10	0	78	-20	11	164	13
91-PMA-137	-20	50	-10	-10	0	70	-20	11	138	12
91-PMA-138	-20	51	-10	-10	0	70	-20	10	136	12
91-PMA-139	-20	45	-10	-10	0	70	-20	12	114	12
91-PMA-140	-20	45	-10	-10	0	70	-20	11	111	13
91-PMA-144	-20	43	-10	-10	0	70	-20	10	133	13
91-PMA-147	-20	68	-10	-10	0	82	-20	11	128	15
91-PMA-148	-20	67	-10	-10	0	79	-20	10	123	14
91-PMA-149	-20	53	-10	-10	0	63	-20	9	96	11

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-150-1	-20	73	-10	-10	0	66	-20	9	106	12
91-PMA-150-2	-20	84	-10	-10	0	78	-20	10	123	13
91-PMA-150-3	-20	73	-10	-10	0	69	-20	9	107	13
91-PMA-150-4	-20	78	-10	-10	0	74	-20	9	117	13
91-PMA-150-5	-20	77	-10	-10	0	77	-20	10	123	14
91-PMA-153	-20	51	-10	-10	0	84	-20	12	146	13
91-PMA-154	-20	85	-10	-10	0	68	-20	10	113	12
91-PMA-156	-20	83	-10	-10	0	85	-20	10	138	12
91-PMA-157	-20	59	-10	-10	0	60	-20	9	100	12
91-PMA-158	-20	67	-10	-10	0	69	-20	10	117	14
91-PMA-159	-20	89	-10	-10	0	77	-20	11	160	13
91-PMA-160	-20	117	-10	-10	0	77	-20	10	162	14
91-PMA-161	-20	50	-10	-10	0	75	-20	12	117	11
91-PMA-162	-20	77	-10	-10	0	81	-20	10	105	14
91-PMA-164	-20	65	-10	-10	0	94	-20	12	118	12
91-PMA-165	-20	54	-10	-10	0	86	-20	11	115	13
91-PMA-166	-20	52	-10	-10	0	82	-20	10	110	13
91-PMA-167	-20	66	-10	-10	0	66	-20	8	85	11
91-PMA-172	-20	85	-10	-10	0	99	-20	11	138	15
91-PMA-173	-20	55	-10	-10	0	93	-20	14	149	11
91-PMA-174-1	-20	75	-10	-10	0	84	-20	10	115	14
91-PMA-174-2	-20	67	-10	-10	0	90	-20	10	115	12
91-PMA-175	-20	74	-10	-10	0	80	-20	9	107	13
91-PMA-176	-20	77	-10	-10	0	84	-20	9	104	14
91-PMA-178	-20	62	-10	-10	0	97	-20	11	117	14
91-PMA-179	-20	57	-10	-10	0	94	-20	10	107	13
91-PMA-180	-20	58	-10	-10	0	100	-20	10	111	14
91-PMA-181	-20	62	-10	-10	0	96	-20	11	116	14
91-PMA-182	-20	69	-10	-10	0	89	-20	10	116	14
91-PMA-183	-20	44	-10	-10	0	71	-20	10	110	12
91-PMA-185	-20	56	-10	-10	0	82	-20	10	115	12
91-PMA-186	-20	50	-10	-10	0	73	-20	10	107	10

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-188	-20	47	-10	-10	0	63	-20	8	74	9
91-PMA-189	-20	62	-10	-10	0	88	-20	10	81	12
91-PMA-190	-20	54	-10	-10	0	78	-20	10	90	12
91-PMA-191	-20	64	-10	-10	0	93	-20	12	105	10
91-PMA-192	-20	87	-10	-10	0	102	-20	11	116	17
91-PMA-194	-20	47	-10	-10	0	65	-20	10	83	10
91-PMA-195	-20	66	-10	-10	0	74	-20	10	115	12
91-PMA-196	-20	65	-10	-10	0	72	-20	10	110	13
91-PMA-197	-20	49	-10	-10	0	84	-20	11	125	13
91-PMA-198	-20	69	-10	-10	0	85	-20	10	106	13
91-PMA-199	-20	59	-10	-10	0	106	-20	9	82	14
91-PMA-200	-20	70	-10	-10	0	121	-20	10	101	12
91-PMA-201	-20	50	-10	-10	0	92	-20	10	73	8
91-PMA-202	-20	51	-10	-10	0	98	-20	9	76	11
91-PMA-205-1	-20	71	-10	-10	0	91	-20	11	121	14
91-PMA-205-2	-20	66	-10	-10	0	84	-20	10	114	13
91-PMA-205-3	-20	67	-10	-10	0	84	-20	10	108	13
91-PMA-206	-20	69	-10	-10	0	95	-20	9	91	14
91-PMA-207	-20	66	-10	-10	0	78	-20	9	71	12
91-PMA-208	-20	70	-10	-10	0	84	-20	9	77	13
91-PMA-209	-20	66	-10	-10	0	81	-20	9	60	15
91-PMA-210-1	-20	49	-10	-10	0	67	-20	8	42	12
91-PMA-210-2	-20	46	-10	-10	0	70	-20	8	39	11
91-PMA-210-3	-20	49	-10	-10	0	76	-20	8	40	12
91-PMA-212	-20	60	-10	-10	0	76	-20	9	49	12
91-PMA-214	-20	51	-10	-10	0	109	-20	10	62	10
91-PMA-215	-20	51	-10	-10	0	98	-20	9	41	10
91-PMA-217	-20	50	-10	-10	0	94	-20	8	50	10
91-PMA-218	-20	42	-10	-10	0	98	-20	7	38	8
91-PMA-224	-20	49	-10	-10	0	95	-20	9	61	10
91-PMA-228	-20	74	-10	-10	0	138	-20	12	77	13
91-PMA-229	-20	55	-10	-10	0	108	-20	10	88	12

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-230	-20	64	-10	-10	0	117	-20	10	95	13
91-PMA-231	-20	75	-10	-10	0	101	-20	9	51	14
91-PMA-232	-20	62	-10	-10	0	122	-20	10	63	13
91-PMA-233	-20	57	-10	-10	0	130	-20	9	44	12
91-PMA-235	-20	97	-10	-10	0	129	-20	10	49	12
91-PMA-238	-20	154	-10	-10	0	120	-20	14	80	30
91-PMA-239-1	-20	67	-10	-10	0	118	-20	11	81	14
91-PMA-239-2	-20	61	-10	-10	0	118	-20	10	110	12
91-PMA-239-3	-20	84	-10	-10	0	115	-20	10	112	20
91-PMA-239-4	-20	82	-10	-10	0	127	-20	12	118	16
91-PMA-240	-20	104	-10	-10	0	133	-20	12	122	22
91-PMA-241	-20	65	-10	-10	0	119	-20	11	86	13
91-PMA-242	-20	77	-10	-10	0	134	-20	11	92	16
91-PMA-245	-20	72	-10	-10	0	118	-20	11	94	11
91-PMA-249	-20	55	-10	-10	0	105	-20	14	105	13
91-PMA-250	-20	58	-10	-10	0	133	-20	14	67	15
91-PMA-252	-20	72	-10	-10	0	110	-20	12	65	12
91-PMA-253	-20	71	-10	-10	0	111	-20	12	67	11
91-PMA-256	-20	93	-10	-10	0	121	-20	11	119	11
91-PMA-259	-20	85	-10	-10	0	118	-20	12	93	11
91-PMA-260	-20	64	-10	-10	0	106	-20	12	116	13
91-PMA-261	-20	60	-10	-10	0	96	-20	10	79	10
91-PMA-262	-20	52	-10	-10	0	85	-20	12	70	8
91-PMA-264-1	-20	89	-10	-10	0	95	-20	9	47	9
91-PMA-264-2	-20	103	-10	-10	0	96	-20	9	54	9
91-PMA-264-3	-20	137	-10	-10	0	111	-20	10	74	12
91-PMA-265-1	-20	59	-10	-10	0	64	-20	8	57	8
91-PMA-265-2	-20	82	-10	-10	0	86	-20	9	65	8
91-PMA-266-1	-20	74	-10	-10	0	75	-20	8	70	10
91-PMA-266-2	-20	75	-10	-10	0	74	-20	8	76	10
91-PMA-266-3	-20	63	-10	-10	0	70	-20	8	62	8
91-PMA-266-4	-20	59	-10	-10	0	66	-20	8	62	8

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-266-5	-20	37	-10	-10	0	76	-20	9	72	8
91-PMA-269	-20	60	-10	-10	0	120	-20	10	53	13
91-PMA-270	-20	59	-10	-10	0	102	-20	9	78	12
91-PMA-271	-20	63	-10	-10	0	110	-20	10	79	13
91-PMA-272	-20	56	-10	-10	0	111	-20	9	50	12
91-PMA-273	-20	58	-10	-10	0	91	-20	9	54	11
91-PMA-274	-20	57	-10	-10	0	90	-20	9	58	11
91-PMA-275	-20	59	-10	-10	0	105	-20	11	68	13
91-PMA-276-1	-20	80	-10	-10	0	114	-20	10	65	14
91-PMA-276-2	-20	91	-10	-10	0	108	-20	10	69	14
91-PMA-277-1	-20	55	-10	-10	0	110	-20	7	203	7
91-PMA-277-3	135	59	-10	-10	0	129	-20	7	101	15
91-PMA-278	-20	24	-10	-10	0	98	-20	8	229	8
91-PMA-280-1	-20	78	-10	-10	0	88	-20	9	106	12
91-PMA-280-2	-20	70	-10	-10	0	82	-20	9	69	11
91-PMA-281	-20	76	-10	-10	0	101	-20	11	101	11
91-PMA-295	-20	58	-10	-10	0	105	-20	10	63	12
91-PMA-296	-20	80	-10	-10	0	133	-20	11	89	24
91-PMA-297	-20	79	-10	-10	0	131	-20	11	89	24
91-PMA-298-1	-20	39	-10	-10	0	60	-20	10	123	8
91-PMA-298-2	-20	70	-10	-10	0	102	-20	10	67	16
91-PMA-299	-20	76	-10	-10	0	70	-20	9	104	15
91-PMA-306-3	-20	52	-10	-10	0	53	-20	8	75	10
91-PMA-307	-20	64	-10	-10	0	97	-20	8	65	11
91-PMA-308	-20	45	-10	-10	0	83	-20	7	59	9
91-PMA-309	-20	89	-10	-10	0	105	-20	10	88	17
91-PMA-310	-20	65	-10	-10	0	130	-20	15	298	14
91-PMA-311	-20	56	-10	-10	0	115	-20	13	299	12
91-PMA-312	-20	46	-10	-10	0	75	-20	9	78	10
91-PMA-314-1	-20	54	-10	-10	0	69	-20	8	67	10
91-PMA-314-2	-20	66	-10	-10	0	79	-20	8	73	11
91-PMA-314-3	-20	61	-10	-10	0	77	-20	9	83	11

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-315	-20	48	-10	-10	0	81	-20	8	54	7
91-PMA-316	-20	65	-10	-10	0	90	-20	8	71	7
91-PMA-319	-20	80	-10	-10	0	125	-20	13	168	7
91-PMA-320	-20	83	-10	-10	0	119	-20	11	159	8
91-PMA-321	-20	34	-10	-10	0	58	-20	8	50	7
91-PMA-322	-20	43	-10	-10	0	89	-20	10	86	10
91-PMA-323-1	-20	85	-10	-10	0	81	-20	10	142	13
91-PMA-323-2	-20	52	-10	-10	0	86	-20	10	143	13
91-PMA-324	-20	49	-10	-10	0	87	-20	10	111	11
91-PMA-325	-20	76	-10	-10	0	71	-20	9	72	12
91-PMA-326	-20	77	-10	-10	0	70	-20	9	70	12
91-PMA-327	-20	46	-10	-10	0	83	-20	11	104	11
91-PMA-328-1	-20	73	-10	-10	0	87	-20	8	56	6
91-PMA-328-2	-20	75	-10	-10	0	88	-20	8	53	7
91-PMA-328-3	-20	78	-10	-10	0	89	-20	8	56	7
91-PMA-328-4	-20	71	-10	-10	0	81	-20	7	51	6
91-PMA-329-1	-20	70	-10	-10	0	84	-20	8	50	6
91-PMA-329-2	-20	72	-10	-10	0	91	-20	8	56	6
91-PMA-329-3	-20	67	-10	-10	0	84	-20	8	51	6
91-PMA-329-4	-20	65	-10	-10	0	90	-20	8	56	6
91-PMA-330-1	-20	30	-10	-10	0	47	-20	7	37	6
91-PMA-330-2	-20	45	-10	-10	0	66	-20	10	55	8
91-PMA-331-1	-20	74	-10	-10	0	91	-20	10	118	12
91-PMA-331-2	-20	62	-10	-10	0	90	-20	10	111	10
91-PMA-332	-20	73	-10	-10	0	94	-20	10	120	13
91-PMA-333-1	-20	72	-10	-10	0	88	-20	10	95	12
91-PMA-333-2	-20	57	-10	-10	0	94	-20	11	103	11
91-PMA-338	-20	87	-10	-10	0	63	-20	10	202	13
91-PMA-339	-20	79	-10	-10	0	62	-20	11	271	14
91-PMA-340	-20	42	-10	-10	0	66	-20	12	168	7
91-PMA-341	-20	38	-10	-10	0	64	-20	14	107	7
91-PMA-342	-20	31	-10	-10	0	109	-20	14	112	8

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-344-1	-20	58	-10	-10	0	95	-20	8	83	7
91-PMA-344-2	-20	50	-10	-10	0	97	-20	7	86	7
91-PMA-344-3	-20	32	-10	-10	0	104	-20	10	85	6
91-PMA-345	-20	26	-10	-10	0	96	-20	9	82	6
91-PMA-346-1	-20	81	-10	-10	0	81	-20	11	117	12
91-PMA-346-2	-20	42	-10	-10	0	97	-20	12	104	9
91-PMA-347	-20	81	-10	-10	0	78	-20	11	114	11
91-PMA-348-1	-20	83	-10	-10	0	56	-20	10	85	8
91-PMA-348-2	-20	76	-10	-10	0	47	-20	9	80	7
91-PMA-348-3	-20	98	-10	-10	0	63	-20	10	114	8
91-PMA-348-4	-20	87	-10	-10	0	57	-20	10	108	8
91-PMA-348-5	-20	80	-10	-10	0	52	-20	9	93	7
91-PMA-348-6	-20	123	-10	-10	0	48	-20	10	117	7
91-PMA-349-1	-20	94	-10	-10	0	49	-20	9	185	11
91-PMA-349-2	-20	101	-10	-10	0	44	-20	10	237	12
91-PMA-349-3	-20	51	-10	-10	0	54	-20	11	238	12
91-PMA-352	-20	16	-10	-10	0	42	-20	11	87	4
91-PMA-353	-20	14	-10	-10	0	37	-20	10	84	3
91-PMA-354	-20	38	-10	-10	0	61	-20	11	106	8
91-PMA-355	-20	34	-10	-10	0	53	-20	9	98	7
91-PMA-356-01	-20	42	-10	-10	0	91	-20	9	83	10
91-PMA-356-02	-20	62	-10	-10	0	127	-20	7	106	8
91-PMA-356-03	-20	43	-10	-10	0	92	-20	8	71	7
91-PMA-356-04	-20	57	-10	-10	0	108	-20	8	77	9
91-PMA-356-05	-20	47	-10	-10	0	140	-20	8	87	7
91-PMA-356-06	-20	57	-10	-10	0	100	-20	7	66	7
91-PMA-356-07	-20	55	-10	-10	0	160	-20	8	86	6
91-PMA-356-08	-20	52	-10	-10	0	99	-20	7	72	9
91-PMA-356-09	-20	54	-10	-10	0	142	-20	9	91	8
91-PMA-356-10	-20	59	-10	-10	0	139	-20	7	85	8
91-PMA-356-11	-20	51	-10	-10	0	120	-20	8	88	8
91-PMA-356-12	-20	58	-10	-10	0	126	-20	7	87	9

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-356-13	-20	59	-10	-10	0	138	-20	8	115	9
91-PMA-356-14	-20	73	-10	-10	0	136	-20	8	86	9
91-PMA-356-15	-20	58	-10	-10	0	127	-20	8	84	8
91-PMA-356-16	-20	61	-10	-10	0	92	-20	7	52	5
91-PMA-356-17	-20	100	-10	-10	0	118	-20	6	71	4
91-PMA-356-18	-20	105	-10	-10	0	121	-20	7	79	6
91-PMA-356-19	-20	74	-10	-10	0	130	-20	9	79	8
91-PMA-356-20	-20	65	-10	-10	0	110	-20	9	77	8
91-PMA-358	-20	71	-10	-10	0	53	-20	9	77	9
91-PMA-362	-20	87	-10	-10	0	74	-20	9	68	11
91-PMA-363	-20	85	-10	-10	0	75	-20	9	76	11
91-PMA-364	-20	132	-10	-10	0	69	-20	10	67	11
91-PMA-365	-20	264	-10	-10	0	51	-20	14	58	11
91-PMA-366	-20	260	-10	-10	0	46	-20	13	57	11
91-PMA-367-1	-20	98	-10	-10	0	57	-20	9	107	9
91-PMA-367-2	-20	81	-10	-10	0	61	-20	9	125	9
91-PMA-368	-20	91	-10	-10	0	52	-20	8	106	8
91-PMA-370-1	-20	80	-10	-10	0	56	-20	10	163	10
91-PMA-370-2	-20	87	-10	-10	0	57	-20	10	155	11
91-PMA-370-3	-20	96	-10	-10	0	57	-20	10	159	11
91-PMA-371	-20	82	-10	-10	0	78	-20	12	159	13
91-PMA-372	-20	44	-10	-10	0	103	-20	8	42	6
91-PMA-373	-20	54	-10	-10	0	94	-20	10	47	9
91-PMA-374	-20	52	-10	-10	0	106	-20	9	53	7
91-PMA-375-1	-20	131	-10	-10	0	96	-20	11	167	19
91-PMA-375-2	-20	125	-10	-10	0	101	-20	11	148	19
91-PMA-376	-20	125	-10	-10	0	100	-20	11	162	19
91-PMA-377	-20	91	-10	-10	0	44	-20	9	399	18
91-PMA-378	-20	42	-10	-10	0	64	-20	10	147	11
91-PMA-383	-20	49	-10	-10	0	71	-20	11	109	6
91-PMA-384	-20	52	-10	-10	0	76	-20	12	117	6
91-PMA-392	-20	19	-10	-10	0	59	-20	9	100	2

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-393	-20	18	-10	-10	0	55	-20	9	87	2
91-PMA-394	-20	65	-10	-10	0	49	-20	9	98	7
91-PMA-395-1	-20	80	-10	-10	0	35	-20	9	87	8
91-PMA-395-2	-20	26	-10	-10	0	57	-20	11	136	7
91-PMA-398	-20	17	-10	-10	0	41	-20	12	103	2
91-PMA-399	-20	111	-10	-10	0	41	-20	11	84	4
91-PMA-400	-20	125	-10	-10	0	61	-20	9	84	8
91-PMA-401	-20	122	-10	-10	0	62	-20	9	84	8
91-PMA-402	-20	21	-10	-10	0	42	-20	10	92	4
91-PMA-403	-20	28	-10	-10	0	68	-20	12	103	7
91-PMA-404	-20	19	-10	-10	0	55	-20	11	108	4
91-PMA-405-1	-20	49	-10	-10	0	191	-20	9	135	4
91-PMA-405-2	-20	60	-10	-10	0	149	-20	9	119	8
91-PMA-406-1	-20	72	-10	-10	0	187	-20	10	135	7
91-PMA-406-2	-20	63	-10	-10	0	152	-20	10	109	7
91-PMA-406-3	-20	65	-10	-10	0	130	-20	9	107	10
91-PMA-407	-20	63	-10	-10	0	203	-20	7	92	7
91-PMA-408-1	-20	77	-10	-10	0	172	-20	8	161	9
91-PMA-408-2	-20	67	-10	-10	0	153	-20	9	85	6
91-PMA-408-3	-20	66	-10	-10	0	208	-20	8	102	6
91-PMA-408-4	-20	60	-10	-10	0	298	-20	11	112	7
91-PMA-409	-20	45	-10	-10	0	242	-20	8	94	8
91-PMA-410-1	-20	61	-10	-10	0	96	-20	9	64	8
91-PMA-410-2	-20	49	-10	-10	0	122	-20	10	78	8
91-PMA-410-3	-20	35	-10	-10	0	65	-20	7	39	6
91-PMA-411-1	-20	50	-10	-10	0	91	-20	8	78	10
91-PMA-411-2	-20	48	-10	-10	0	90	-20	9	74	11
91-PMA-411-3	-20	53	-10	-10	0	90	-20	9	77	11
91-PMA-411-4	-20	47	-10	-10	0	92	-20	9	68	9
91-PMA-411-5	-20	52	-10	-10	0	93	-20	9	73	10
91-PMA-411-6	-20	62	-10	-10	0	94	-20	8	77	10
91-PMA-411-7	-20	134	-10	-10	0	195	-20	9	141	9

NOTE : nd : no data.

<63 µm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-411-8	-20	55	-10	-10	0	95	-20	9	72	10
91-PMA-412-1	-20	37	-10	-10	0	80	-20	5	43	4
91-PMA-412-2	-20	55	-10	-10	0	99	-20	11	60	8
91-PMA-417-1	-20	52	-10	-10	0	137	-20	9	81	6
91-PMA-417-2	-20	46	-10	-10	0	115	-20	7	60	4
91-PMA-417-3	-20	61	-10	-10	0	132	-20	8	78	7
91-PMA-418-1	-20	80	-10	-10	0	104	-20	8	63	6
91-PMA-418-2	-20	49	-10	-10	0	99	-20	8	74	6
91-PMA-418-4	-20	152	-10	-10	0	91	-20	12	74	5
91-PMA-419	-20	41	-10	-10	0	120	-20	8	73	6
91-PMA-420-1	-20	56	-10	-10	0	101	-20	17	53	3
91-PMA-420-2	-20	64	-10	-10	0	103	-20	12	60	5
91-PMA-420-3	-20	74	-10	-10	0	153	-20	8	90	4
91-PMA-420-4	-20	71	-10	-10	0	150	-20	9	79	5
91-PMA-420-5	-20	67	-10	-10	0	139	-20	10	69	5
91-PMA-420-6	-20	43	-10	-10	0	97	-20	17	80	5
91-PMA-421	-20	60	-10	-10	0	118	-20	8	80	7
91-PMA-422-1	-20	61	-10	-10	0	221	-20	25	135	6
91-PMA-422-2	-20	137	-10	-10	0	151	-20	13	93	7
91-PMA-422-3	-20	64	-10	-10	0	151	-20	22	93	4
91-PMA-422-4	-20	59	-10	-10	0	168	-20	11	96	5
91-PMA-423	-20	74	-10	-10	0	205	-20	11	109	3
91-PMA-424	-20	46	-10	-10	0	77	-20	7	49	5
91-PMA-425-1	-20	39	-10	-10	0	62	-20	10	39	5
91-PMA-425-2	-20	40	-10	-10	0	62	-20	9	40	5
91-PMA-425-3	-20	34	-10	-10	0	56	-20	8	37	5
91-PMA-425-4	-20	34	-10	-10	0	61	-20	10	39	4
91-PMA-426-1	-20	44	-10	-10	0	64	-20	11	62	5
91-PMA-426-2	-20	44	-10	-10	0	66	-20	10	61	6
91-PMA-426-3	-20	60	-10	-10	0	108	-20	18	144	6
91-PMA-427-1	-20	41	-10	-10	0	53	-20	7	82	10
91-PMA-429-1	-20	125	-10	-10	0	91	-20	9	73	8

NOTE : nd : no data.

<63 μm - ICP - AES

Sample ID	Sn	Sr	Ta	Te	Ti	V	W	Y	Zn	Zr
91-PMA-429-2	-20	134	-10	-10	0	99	-20	11	88	7
91-PMA-429-3	-20	117	-10	-10	0	100	-20	11	84	7
91-PMA-429-4	-20	53	-10	-10	0	129	-20	16	99	5
91-PMA-429-5	-20	141	-10	-10	0	100	-20	10	87	7
91-PMA-429-6	-20	57	-10	-10	0	116	-20	14	110	6
91-PMA-430-1	59	74	-10	-10	0	116	-20	9	75	8
91-PMA-430-2	-20	72	-10	-10	0	114	-20	10	92	9
91-PMA-430-3	-20	65	-10	-10	0	103	-20	10	71	8
91-PMA-430-4	-20	94	-10	-10	0	104	-20	9	86	8
91-PMA-431-1	-20	59	-10	-10	0	112	-20	10	78	6
91-PMA-431-2	-20	87	-10	-10	0	101	-20	8	73	7
91-PMA-431-3	-20	71	-10	-10	0	105	-20	8	87	8
91-PMA-431-4	-20	91	-10	-10	0	104	-20	9	82	8
91-PMA-431-5	-20	51	-10	-10	0	112	-20	11	100	7
91-PMA-431-6	-20	106	-10	-10	0	75	-20	10	73	7

NOTE : nd : no data.

<63 µm - ICP - AES

Appendix 3

Geochemical results
silt plus clay size fraction (<63 μm)
INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
90-PMA-009	-2	11	-2	1200	0.6	-5	67	20	69	4.7	1	5.4	5	-50	26	0.3	2	2.27	26	74
90-PMA-020	-2	12	-2	1100	1.2	-5	61	12	79	3.6	1	5.2	5	-50	26	0.4	-1	2.62	43	67
90-PMA-026	-2	5.9	-2	1100	-0.5	-5	68	11	82	2.2	-1	3.5	6	-50	26	0.3	1	2.9	21	53
90-PMA-028-2	-2	9.1	2	1100	-0.5	-5	75	13	72	2.6	1	4.2	6	-50	27	0.3	1	2.81	22	61
90-PMA-035	-2	6.7	3	930	1.5	-5	87	11	61	3.1	1	4	8	-50	37	0.4	2	2.73	21	86
90-PMA-036	-2	8.9	-2	1100	0.8	-5	68	13	42	3.3	1	4.2	4	-50	26	0.3	1	2.46	20	59
90-PMA-050	2	6.8	3	1100	-0.5	-5	100	8	52	2.5	1	3.6	10	-50	41	0.4	22	3.01	-10	95
90-PMA-052	-2	6.2	-2	1200	0.8	-5	68	12	70	2.3	2	4	5	-50	27	0.4	-1	2.76	32	73
90-PMA-055	-2	3	-2	1400	-0.5	-5	79	13	92	1.3	3	4.5	7	-50	31	0.4	1	3.01	-10	62
90-PMA-057	-2	4.8	-2	1200	-0.5	-5	79	14	100	1.6	1	4.6	9	-50	32	0.3	-1	2.92	39	58
90-PMA-062	-2	10	2	1100	-0.5	-5	65	17	90	3.1	2	4.7	6	-50	27	0.3	-1	2.33	21	63
90-PMA-063	-2	5.9	6	1200	-0.5	-5	65	13	75	2.3	1	4.5	7	-50	28	0.3	1	2.55	-10	59
90-PMA-065	-2	10	-2	1300	-0.5	-5	73	20	98	5	2	6.1	6	-50	29	0.3	1	2.35	26	74
90-PMA-068	-2	7.5	7	1200	-0.5	-5	66	14	65	2.8	1	4.2	6	-50	27	0.3	1	3	-10	69
90-PMA-073 -1	-2	13	6	1300	0.6	-5	57	23	140	3.6	1	5.4	6	-50	25	0.3	1	2.1	65	54
90-PMA-077	-2	6.9	3	1200	-0.5	-5	66	33	190	2	2	6.8	5	-50	24	0.4	-1	2.27	78	56
90-PMA-078	-2	7.4	2	1100	-0.5	-5	68	10	71	2.9	2	3.7	6	-50	26	0.3	1	2.87	-10	66
90-PMA-081	-2	7.6	-2	1100	-0.5	-5	65	8	48	2.6	1	3.7	5	-50	27	0.5	1	2.87	31	63
90-PMA-086	-2	4.6	-2	960	-0.5	-5	80	6	52	3.6	-1	2.9	8	-50	47	0.4	1	3.05	-10	100
90-PMA-088	-2	3.1	2	1400	-0.5	-5	81	13	56	2.5	-1	4.6	8	-50	38	0.3	1	2.89	21	70
90-PMA-089	-2	5.2	2	860	0.6	-5	54	5	45	1.7	1	2.9	6	-50	24	0.3	1	2.46	-10	68
90-PMA-095	-2	9.3	2	1100	-0.5	-5	62	13	75	1.9	-1	4.2	6	-50	22	0.2	1	2.47	16	48
90-PMA-097	-2	8.9	3	1200	0.5	-5	65	11	100	2.1	1	4.4	7	-50	26	0.3	-1	3.01	24	56
90-PMA-098	-2	14	7	1100	1.4	-5	89	11	67	4.5	3	4.6	5	-50	38	0.4	2	2.62	20	95
90-PMA-099	-2	6.2	4	1200	-0.5	-5	85	9	85	2.2	-1	3.9	6	-50	33	0.4	1	3.15	-10	68
90-PMA-101	-2	5.5	-2	1300	0.9	-5	100	15	87	4.2	1	4.8	7	-50	43	0.6	1	2.87	-10	83
90-PMA-103	-2	16	3	1000	0.6	-5	58	19	91	4.6	1	5.2	4	-50	22	0.4	-1	2.08	37	50
90-PMA-105	-2	13	4	1000	1	-5	59	22	88	3.6	1	5.3	5	-50	24	0.4	1	2.11	37	51
90-PMA-107	-2	5.1	-2	1300	-0.5	-5	77	26	100	2.8	2	5.5	6	-50	32	0.4	-1	2.64	22	60
90-PMA-115	-2	6.8	-2	1200	-0.5	-5	71	17	98	2.6	2	4.7	6	-50	31	0.6	1	2.71	21	78
90-PMA-117	-2	9.4	-2	1300	1.4	-5	65	17	100	2.6	2	4.7	5	-50	27	0.4	-1	2.67	-10	60
90-PMA-118	-2	11	3	1100	-0.5	-5	56	14	87	2.1	1	4.4	4	-50	22	0.4	1	2.79	35	42

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
90-PMA-122	-2	9	19	1300	-0.5	-5	77	15	62	3	2	4.9	7	-50	32	0.4	1	2.55	-10	60
90-PMA-123	-2	7.3	2	1100	0.6	-5	61	16	64	2.6	-1	5	6	-50	25	0.3	-1	2.3	-10	64
90-PMA-125	-2	6.3	5	1300	-0.5	-5	69	21	73	3.3	-1	6.1	9	-50	29	0.4	-1	2.7	24	71
90-PMA-127	-2	7.5	-2	1200	0.7	-5	120	14	76	4.1	-1	5.5	7	-50	45	0.6	2	2.78	41	89
90-PMA-131	-2	18	3	1100	0.8	-5	61	21	92	3.3	1	5	4	-50	22	0.4	1	2.46	42	52
90-PMA-133	-2	19	-2	1100	-0.5	-5	58	24	91	5.3	1	5.6	4	-50	20	0.5	2	2	35	60
90-PMA-135	-2	22	3	1200	-0.5	-5	67	20	93	4.9	1	5	4	-50	28	0.5	2	2.25	34	51
90-PMA-136	-2	11	-2	1400	-0.5	-5	86	22	140	2.8	2	5.8	6	-50	34	0.5	2	2.67	50	53
90-PMA-139	-2	20	-2	1300	-0.5	-5	74	23	160	5.2	1	5.6	5	-50	28	0.5	1	2.19	66	53
90-PMA-141	-2	18	3	1000	1.4	-5	58	17	88	3.8	1	5.4	5	-50	26	0.5	2	2.56	21	52
90-PMA-142	-2	15	3	1300	-0.5	-5	51	19	93	4.1	-1	5.3	4	-50	20	0.4	-1	2.2	52	51
90-PMA-144	-2	7.7	-2	1100	-0.5	-5	78	18	66	2.9	2	4.7	7	-50	28	0.4	-1	2.68	44	110
90-PMA-146-2	-2	8.9	4	1300	-0.5	-5	78	21	100	2.7	1	5.3	6	-50	29	0.4	1	2.82	40	63
90-PMA-150	-2	10	-2	1500	-0.5	-5	76	17	76	1.9	1	4.8	6	-50	29	0.5	1	3.01	22	48
90-PMA-153	-2	11	-2	1400	-0.5	-5	77	23	120	2.2	2	5.6	6	-50	30	0.6	1	2.91	45	54
90-PMA-159	-2	10	3	1400	0.8	-5	84	22	100	4.1	2	5.6	6	-50	32	0.4	1	2.7	43	64
90-PMA-160	-2	11	-2	1300	-0.5	-5	62	20	98	2.6	1	5	5	-50	28	0.5	-1	2.78	39	46
90-PMA-161	-2	9.1	4	1200	1.5	-5	72	20	92	4.5	1	5.7	5	-50	29	0.5	1	2.63	-10	57
90-PMA-165	-2	16	3	1200	-0.5	-5	56	18	110	2.5	2	4.6	5	-50	23	0.3	-1	2.64	31	46
90-PMA-169	-2	6	5	1200	-0.5	-5	74	21	72	4.2	1	5.5	7	-50	29	0.5	1	2.49	-10	80
90-PMA-171	-2	9.4	5	1100	0.8	-5	67	15	78	6.6	1	5.2	5	-50	31	0.5	6	2.18	-10	85
90-PMA-172	-2	7.6	-2	1100	-0.5	-5	66	19	57	4.8	1	5.2	5	-50	26	0.5	1	2.21	-10	74
90-PMA-175	-2	12	-2	1100	2.2	-5	49	14	95	3	2	5.3	3	-50	24	0.4	1	2	34	52
90-PMA-176	-2	13	3	1200	-0.5	-5	55	17	83	3.6	-1	5.1	4	-50	21	0.4	1	2.27	42	61
90-PMA-178	-2	21	3	1200	1.3	-5	60	26	83	7	3	6.2	4	-50	24	0.5	1	2.31	44	60
90-PMA-182-1	-2	7.7	-2	1600	-0.5	-5	100	29	110	3.7	2	7.1	7	-50	40	0.6	1	2.81	51	67
90-PMA-182-2	-2	7.1	-2	1500	1.4	-5	88	22	110	3.7	2	6.3	6	-50	38	0.6	-1	2.65	48	73
90-PMA-186	-2	7.1	4	1400	-0.5	-5	64	20	140	3	1	4.7	5	-50	27	0.5	1	2.45	68	57
90-PMA-188	-2	9.4	4	1200	-0.5	-5	60	15	140	2.5	2	4.2	5	-50	24	0.4	1	2.39	58	52
90-PMA-189	-2	17	7	1900	-0.5	-5	56	19	160	2.6	1	4.9	4	-50	25	0.5	1	2.02	90	52
90-PMA-195	-2	12	7	1500	-0.5	-5	53	23	230	2.9	1	4.9	4	-50	20	0.4	1	1.9	120	54
90-PMA-198	-2	5.8	2	900	0.7	-5	72	11	140	1.1	1	3.9	8	-50	20	0.4	1	2.53	-10	30

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
90-PMA-204	-2	8.4	4	1100	-0.5	-5	51	15	120	2.3	1	4.1	4	-50	21	0.4	1	2.32	-10	42
90-PMA-206	-2	12	3	1300	0.7	-5	49	22	150	3.6	-1	5	3	-50	18	0.4	2	1.5	95	56
90-PMA-210	-2	11	5	1200	-0.5	-5	52	27	270	2.1	1	5.2	3	-50	19	0.3	1	2.05	140	43
90-PMA-215	-2	8.5	5	1500	-0.5	-5	56	27	330	2.4	1	4.8	4	-50	20	0.3	3	1.9	160	41
90-PMA-218	-2	13	3	1200	-0.5	-5	52	28	170	3.6	1	5.3	4	-50	20	0.5	1	1.8	100	62
90-PMA-220	-2	10	6	1100	0.8	-5	50	22	180	3.2	1	4.7	4	-50	19	0.4	1	2	85	53
90-PMA-223	-2	12	4	1100	0.6	-5	48	23	150	3.4	1	5.2	4	-50	21	0.6	-1	2	68	57
90-PMA-224	-2	11	3	1100	0.8	-5	57	21	150	2.9	1	5.2	4	-50	21	0.5	1	2.17	64	56
90-PMA-226	-2	10	3	1100	-0.5	-5	48	21	170	2.4	1	5.1	4	-50	20	0.4	-1	2.27	78	47
90-PMA-229	<2	17	9	2600	<0.5	<5	57	26	230	2.6	2	5	5	<50	24	0.5	3	2.28	140	57
91-PMA-003	<2	19	15	1900	1	<5	47	24	170	3.9	1	5.2	4	<50	23	0.5	2	1.7	130	64
91-PMA-007	<2	59.7	23	1900	1.3	<5	41	32	330	5.7	1	5.5	3	<50	19	0.5	2	1.5	370	52
91-PMA-009	<2	38	20	2400	1.2	<5	45	22	180	4.1	1	4.6	2	<50	21	0.4	1	1.6	130	55
91-PMA-016	<2	10	3	1500	0.8	<5	48	12	110	2.7	1	4.1	4	<50	24	0.5	<1	2.21	56	56
91-PMA-017	<2	12	4	1500	<0.5	<5	51	16	130	2.9	<1	4.2	4	<50	23	0.5	1	2.12	95	58
91-PMA-019	<2	6.6	5	1300	1.1	<5	58	12	150	1.7	1	4.2	7	<50	28	0.4	<1	2.71	25	51
91-PMA-023	<2	12	<2	1100	0.5	<5	58	15	76	2.6	1	4.1	4	<50	26	0.4	1	2.34	<10	48
91-PMA-026	<2	6	11	1400	0.6	<5	60	16	81	1.7	1	3.9	5	<50	26	0.4	1	2.77	24	47
91-PMA-027	<2	6.2	<2	1500	<0.5	<5	64	14	120	1.7	1	4.2	6	<50	29	0.5	1	3.01	22	61
91-PMA-028	<2	3.7	<2	1700	1	<5	80	17	81	1.7	1	5.3	6	<50	35	0.5	1	2.69	40	71
91-PMA-031	<2	5.4	2	1300	1.3	<5	52	12	94	1.7	<1	4.1	6	<50	26	0.4	<1	2.47	21	58
91-PMA-038	<2	13	<2	1600	0.7	<5	75	22	120	4.8	1	5.5	6	<50	29	0.6	2	2.52	59	85
91-PMA-040	<2	12	3	1300	<0.5	<5	62	17	82	3.7	1	4.8	5	<50	26	0.5	1	2.57	44	68
91-PMA-041	<2	12	6	1200	0.7	<5	52	16	110	2.9	1	4.4	5	<50	24	0.4	1	2.4	26	68
91-PMA-042	<2	5.4	<2	1600	<0.5	<5	69	18	69	2	1	4.6	5	<50	33	0.4	<1	2.92	43	71
91-PMA-046	<2	8.7	6	1800	<0.5	<5	46	20	120	4.3	1	4.8	3	<50	21	0.4	3	1.7	99	69
91-PMA-049	<2	9.2	4	1400	<0.5	<5	45	22	130	4.4	<1	4.7	3	<50	20	0.4	1	1.7	120	70
91-PMA-053	<2	9	6	1300	0.5	<5	57	11	110	2.2	1	3.9	6	<50	26	0.5	1	3.15	51	60
91-PMA-054	<2	15	5	1100	0.6	<5	53	12	57	3.9	1	4	4	<50	23	0.5	3	2.33	41	46
91-PMA-058	<2	12	4	970	0.5	<5	44	19	90	3	1	4.5	4	<50	19	0.4	2	2.23	72	53
91-PMA-059	<2	11	3	990	0.6	<5	40	17	95	2.7	<1	4.5	4	<50	20	0.5	2	2.26	23	44
91-PMA-060	<2	12	5	1200	0.8	<5	62	20	110	3.1	1	5.7	6	<50	24	0.7	1	2.92	26	58

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-063	<2	14	5	1100	0.6	<5	49	19	95	3.7	2	5.5	5	<50	23	0.4	2	2.33	46	54
91-PMA-064	<2	12	4	1100	<0.5	<5	54	19	100	3	1	5	4	<50	23	0.6	1	2.65	23	55
91-PMA-065	<2	13	5	1300	0.6	<5	44	21	79	4.2	<1	4.6	4	<50	19	0.4	6	1.6	47	63
91-PMA-068	<2	13	3	1000	1.2	<5	43	16	70	3.4	1	4.3	3	<50	17	0.4	1	1.9	24	58
91-PMA-069-1	<2	16	<2	1100	1.1	<5	53	18	85	3.8	1	4.6	4	<50	20	0.5	1	2.11	61	58
91-PMA-069-2	<2	15	<2	1000	0.9	<5	46	17	92	3.1	1	4.7	4	<50	21	0.5	2	2.09	48	55
91-PMA-070	<2	15	<2	1100	1.4	<5	45	19	73	3.9	1	4.7	3	<50	19	0.5	3	2	64	59
91-PMA-071	<2	12	4	970	1.7	<5	44	18	86	2.9	2	4.8	4	<50	23	0.5	<1	2.34	36	50
91-PMA-073-1	<2	15	<2	1100	<0.5	<5	47	17	82	3.7	1	4.5	4	<50	20	0.4	1	2.16	24	60
91-PMA-073-2	<2	15	<2	1000	0.8	<5	44	18	91	3.9	1	4.6	3	<50	20	0.5	1	2.08	20	56
91-PMA-073-3	<2	15	4	980	1.3	<5	51	16	85	3.3	1	4.8	4	<50	21	0.4	1	2.33	21	56
91-PMA-073-4	<2	13	<2	880	2	<5	48	17	83	3.1	1	4.5	3	<50	20	0.4	1	2	<10	50
91-PMA-074	<2	15	<2	1100	1.4	<5	56	19	120	3.3	1	5.6	5	<50	24	0.5	<1	2.5	42	64
91-PMA-075	<2	15	<2	1000	0.6	<5	45	14	97	1.9	1	4.1	4	<50	21	0.4	<1	2.66	50	40
91-PMA-079	<2	19	<2	1000	<0.5	<5	48	23	89	4.1	1	4.7	3	<50	21	0.5	1	2.09	54	52
91-PMA-080	<2	10	4	1000	1.7	<5	44	30	190	3.4	1	6	4	<50	25	0.5	<1	2.29	140	75
91-PMA-081	<2	13	6	1500	0.9	<5	60	23	110	2.9	2	4.8	4	<50	26	0.5	1	2.66	49	53
91-PMA-082-1	<2	10	<2	1900	<0.5	<5	61	24	120	2.3	1	5.1	3	<50	29	0.4	<1	2.61	43	55
91-PMA-082-2	<2	13	4	1800	0.6	<5	63	24	140	2.2	1	5.5	5	<50	28	0.5	<1	2.63	74	57
91-PMA-083-1	<2	21	10	1100	0.7	<5	39	20	68	5.1	<1	5.1	3	<50	16	0.5	3	2.01	40	93
91-PMA-083-2	<2	18	10	990	<0.5	<5	40	18	81	3.9	1	4.4	3	<50	17	0.4	3	2.31	23	49
91-PMA-085-1	<2	21	3	920	<0.5	<5	38	20	110	3.9	1	4.9	3	<50	17	0.4	3	1.9	56	60
91-PMA-085-2	<2	23	5	860	<0.5	<5	40	18	130	3.8	1	5.7	4	<50	17	0.5	5	2.04	47	54
91-PMA-086	<2	20	19	1200	2.6	<5	49	27	120	6.8	2	7.4	5	<50	25	0.6	1	2.09	44	82
91-PMA-089	<2	18	3	1500	1.6	<5	47	22	69	6.6	1	4.7	3	<50	22	0.4	2	1.6	49	60
91-PMA-090	<2	18	<2	1000	<0.5	<5	50	16	72	3.7	<1	4.3	4	<50	21	0.4	1	2.41	27	58
91-PMA-092	<2	16	<2	1200	1.2	<5	45	20	94	5.2	1	4.9	2	<50	18	0.4	2	1.6	66	73
91-PMA-093	<2	17	5	1300	1	<5	45	21	84	5.5	1	5.1	3	<50	20	0.5	1	1.7	53	82
91-PMA-094-1	<2	11	4	1100	<0.5	<5	49	17	100	3.1	1	3.9	3	<50	21	0.5	1	2.07	45	51
91-PMA-096	<2	12	3	1200	1.2	<5	41	16	120	3.5	1	4	3	<50	17	0.4	1	2.02	110	57
91-PMA-097	<2	11	13	1400	1.8	<5	47	20	210	2.3	1	4.3	4	<50	21	0.4	2	2.09	160	46
91-PMA-098	<2	21	5	2200	0.6	<5	42	30	210	7.7	1	4.4	3	<50	19	0.3	1	1.2	180	54

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-103-1	<2	16	7	1300	1.6	<5	40	33	280	3.3	1	4.9	3	<50	16	0.4	2	1.4	320	51
91-PMA-103-2	<2	16	4	1400	1.6	<5	35	38	350	3.4	<1	5.4	3	<50	16	0.3	1	1.4	430	57
91-PMA-104	<2	16	5	1600	1.5	<5	41	41	370	3.2	1	5.7	4	<50	17	0.3	1	1.5	380	55
91-PMA-105	<2	24	8	1700	3.2	<5	51	40	260	4.2	1	6.5	4	<50	23	0.5	5	1.5	360	64
91-PMA-106	<2	14	5	1200	1	<5	41	15	99	3.2	1	4.3	4	<50	21	0.4	1	2.01	130	41
91-PMA-107	<2	16	6	1700	2.3	<5	54	23	110	4.6	1	4.6	4	<50	23	0.5	2	1.6	93	66
91-PMA-108	<2	11	6	1300	1	<5	40	15	140	2.7	1	3.5	3	<50	19	0.4	<1	1.7	76	54
91-PMA-110	<2	23	9	1400	<0.5	<5	38	22	160	3	<1	4.3	3	<50	19	0.4	1	1.9	130	48
91-PMA-112	<2	11	<2	1400	<0.5	<5	48	23	230	2.9	1	4.4	4	<50	21	0.4	1	2.09	150	52
91-PMA-115	<2	14	2	1300	0.8	<5	38	24	140	4.3	<1	4.6	3	<50	18	0.4	2	1.7	110	60
91-PMA-117	<2	15	7	1300	2.3	<5	38	23	200	2.4	1	4.1	2	<50	17	0.3	2	1.7	160	52
91-PMA-118	<2	12	4	1000	0.8	<5	36	19	140	3	1	3.8	2	<50	17	0.4	2	1.8	130	44
91-PMA-119	<2	14	7	1200	1.3	<5	40	27	280	3.6	1	4.9	3	<50	18	0.4	3	1.8	200	54
91-PMA-121	<2	12	5	1100	1	<5	30	42	580	2.9	<1	5.4	2	<50	14	0.3	3	1.3	430	49
91-PMA-123	<2	16	6	1500	0.8	<5	51	22	160	2.6	1	5	5	<50	21	0.5	2	1.9	88	53
91-PMA-125	<2	12	4	1300	1.1	<5	38	35	330	2.9	<1	4.2	2	<50	16	0.4	6	1.6	340	48
91-PMA-126	<2	16	7	1300	2.3	<5	43	23	160	4.5	1	4.5	4	<50	20	0.4	2	1.8	130	68
91-PMA-128	<2	13	6	1300	0.5	<5	39	21	120	4.7	1	4.7	3	<50	18	0.4	1	1.7	130	65
91-PMA-129	<2	24	6	1300	0.7	<5	36	31	210	5.3	1	5	3	<50	18	0.4	3	1.7	210	65
91-PMA-131	<2	17	3	1300	1.1	<5	47	25	150	4.2	1	4.7	3	<50	20	0.4	2	2	130	60
91-PMA-132	<2	13	5	1200	2.4	<5	34	29	260	3.7	1	4.5	3	<50	17	0.4	3	1.7	210	55
91-PMA-133	<2	13	17	1100	1	<5	36	20	130	5.1	1	4.5	2	<50	17	0.4	2	1.5	110	56
91-PMA-135	<2	14	6	1100	1.3	<5	43	23	190	3.1	1	4.3	2	<50	18	0.4	1	1.9	150	58
91-PMA-137	<2	12	5	1100	0.7	<5	39	22	190	4	1	4.5	2	<50	18	0.3	2	1.6	190	47
91-PMA-138	<2	12	4	1200	0.9	<5	44	24	210	3.8	1	4.8	3	<50	18	0.5	2	1.7	200	64
91-PMA-139	<2	12	3	1100	1.7	<5	44	20	110	3.7	<1	5.1	4	<50	19	0.4	1	1.9	100	56
91-PMA-140	<2	14	3	1300	1.8	<5	50	25	150	3.8	2	5.9	4	<50	21	0.4	1	2.06	86	76
91-PMA-144	<2	15	7	1300	1.8	<5	46	26	230	3.3	1	4.8	4	<50	19	0.4	1	2.16	130	58
91-PMA-147	<2	17	5	1300	1	<5	47	22	120	3.8	1	5.1	2	<50	18	0.4	2	1.8	97	63
91-PMA-148	<2	16	<2	1300	1.3	<5	41	23	97	3.8	1	4.8	3	<50	18	0.4	1	1.8	91	63
91-PMA-149	<2	14	4	1200	0.6	<5	49	18	100	3.2	1	4.2	4	<50	21	0.5	1	2.13	72	70
91-PMA-150-1	2	15	5	1200	<0.5	<5	42	19	120	2.9	1	4	3	<50	19	0.3	2	2.03	64	69

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-150-2	<2	21	6	1200	0.6	<5	44	19	110	3.1	<1	4.3	3	<50	18	0.3	2	1.9	55	55
91-PMA-150-3	<2	22	5	1100	<0.5	<5	43	18	100	2.8	1	4	3	<50	18	0.3	2	1.9	47	58
91-PMA-150-4	<2	22	7	1300	<0.5	<5	39	23	120	2.9	1	4.5	3	<50	18	0.3	3	1.9	74	57
91-PMA-150-5	<2	21	4	1300	0.6	<5	37	20	120	2.8	1	4.5	3	<50	19	0.3	2	2.02	55	60
91-PMA-153	<2	17	5	1100	1	<5	43	23	130	3.9	1	5.1	3	<50	20	0.4	2	1.7	80	64
91-PMA-154	2	16	<2	1100	0.6	<5	43	28	170	4.3	1	5.2	3	<50	18	0.4	1	2	82	63
91-PMA-156	<2	38	14	1400	<0.5	<5	45	23	120	3.7	1	5.5	4	<50	19	0.5	4	2.35	62	56
91-PMA-157	<2	17	<2	1200	<0.5	<5	40	19	100	3.2	1	4.1	3	<50	19	0.4	1	2.09	35	56
91-PMA-158	<2	12	<2	1200	<0.5	<5	43	19	110	3.6	1	4.1	3	<50	19	0.4	1	2.17	25	63
91-PMA-159	<2	26	8	1500	1.4	<5	50	20	150	3.7	1	4.4	3	<50	19	0.4	4	2.26	98	63
91-PMA-160	<2	35	8	1300	1.1	<5	41	21	130	3.2	<1	4.2	3	<50	19	0.4	3	2.11	80	58
91-PMA-161	<2	15	6	1300	2.1	<5	42	21	120	3.8	1	4.8	3	<50	20	0.5	1	1.9	69	58
91-PMA-162	<2	15	8	1300	<0.5	<5	39	22	120	2.2	<1	4.1	3	<50	17	0.4	1	2.12	69	58
91-PMA-164	<2	15	6	1400	1.5	<5	34	18	97	2.9	1	4.5	3	<50	16	0.4	1	2	66	59
91-PMA-165	<2	17	8	1300	<0.5	<5	49	20	100	3.3	1	4.6	3	<50	19	0.4	1	2.06	70	64
91-PMA-166	<2	16	10	1300	0.9	<5	49	21	120	2.8	1	4.4	3	<50	19	0.3	2	2.1	59	54
91-PMA-167	<2	13	8	1200	<0.5	<5	35	15	160	1.4	1	4	3	<50	15	0.3	1	2.25	<10	48
91-PMA-172	<2	21	7	1400	<0.5	<5	57	29	130	3.6	1	6.1	5	<50	23	0.6	3	2.34	60	65
91-PMA-173	<2	35	21	1300	1.7	<5	47	24	130	3.5	1	5.7	3	<50	21	0.5	2	2.16	78	56
91-PMA-174-1	2	17	7	1300	<0.5	<5	42	21	110	2.7	1	4.5	2	<50	19	0.3	1	2.19	45	58
91-PMA-174-2	<2	17	10	1300	1.9	<5	39	21	120	2.8	1	4.7	3	<50	19	0.4	1	2.11	44	60
91-PMA-175	<2	16	8	1300	<0.5	<5	38	20	140	2.8	1	4.3	3	<50	18	0.3	1	2.27	51	58
91-PMA-176	<2	16	8	1300	0.8	<5	41	22	110	2.6	1	4.5	3	<50	18	0.3	1	2.26	80	60
91-PMA-178	<2	17	9	1400	1.3	<5	37	18	110	3.1	1	4.7	3	<50	18	0.4	2	2.06	69	67
91-PMA-179	<2	17	11	1400	<0.5	<5	38	21	130	2.6	<1	4.6	3	<50	18	0.3	2	2.2	72	68
91-PMA-180	<2	17	14	1400	0.6	<5	39	22	110	2.8	1	5	4	<50	18	0.4	2	2.19	56	71
91-PMA-181	<2	16	6	1200	1.4	<5	37	21	110	3.1	1	4.8	2	<50	19	0.4	1	1.9	65	60
91-PMA-182	<2	13	7	1200	0.6	<5	38	23	110	2.4	<1	4.9	3	<50	18	0.4	1	2	60	63
91-PMA-183	2	23	4	1300	1.3	<5	53	19	160	3.6	1	5.5	6	<50	25	0.3	<1	2.33	72	69
91-PMA-185	<2	19	12	1400	0.9	<5	45	28	120	2.4	1	5.3	4	<50	20	0.4	4	2.45	71	62
91-PMA-186	<2	14	13	1200	0.5	<5	41	22	110	1.9	1	4.2	4	<50	18	0.4	3	2.3	52	49
91-PMA-188	2	15	18	1300	0.7	<5	41	19	120	1.8	1	3.8	3	<50	19	0.5	1	2.68	58	51

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-189	<2	14	18	1200	0.7	<5	40	23	110	1.3	1	4.6	3	<50	18	0.4	2	2.61	25	50
91-PMA-190	<2	21	32	1400	0.7	<5	48	21	130	2.2	1	5.2	4	<50	22	0.5	2	2.75	70	62
91-PMA-191	<2	18	18	1400	<0.5	<5	45	32	120	3	1	4.7	3	<50	22	0.3	2	2.22	52	60
91-PMA-192	<2	18	14	1400	<0.5	<5	36	21	89	2.3	<1	4.6	2	<50	17	0.4	2	2.1	73	55
91-PMA-194	<2	14	6	1200	1.5	<5	51	17	130	2.2	2	3.8	4	<50	23	0.4	1	2.16	52	49
91-PMA-195	<2	16	4	1200	1.2	<5	41	20	100	3.2	1	4.1	3	<50	18	0.4	2	1.9	76	62
91-PMA-196	<2	15	6	1200	<0.5	<5	38	18	110	2.9	<1	4.3	3	<50	19	0.5	1	2	44	59
91-PMA-197	<2	17	8	1200	1.1	<5	48	22	130	2.6	1	5.2	4	<50	20	0.4	2	2.11	46	60
91-PMA-198	<2	17	10	1400	<0.5	<5	46	22	130	3.2	2	5.4	4	<50	21	0.5	1	2.32	84	67
91-PMA-199	<2	13	20	1500	0.5	<5	38	16	120	2.6	1	5.4	3	<50	16	0.4	1	2.54	22	71
91-PMA-200	<2	17	13	1500	1.7	<5	44	29	110	2.9	1	6.3	4	<50	21	0.4	3	2.34	73	81
91-PMA-201	<2	13	5	1300	1.7	<5	50	22	120	2.9	1	4.7	4	<50	22	0.5	1	2.32	48	69
91-PMA-202	<2	14	7	1200	1.1	<5	42	21	110	2.9	<1	4.7	4	<50	19	0.4	1	2.24	61	63
91-PMA-205-1	<2	18	6	1300	0.5	<5	44	25	120	3.2	1	4.7	3	<50	19	0.4	3	2.07	78	63
91-PMA-205-2	<2	19	12	1400	<0.5	<5	44	25	120	3.7	1	5	3	<50	20	0.4	2	2.15	100	67
91-PMA-205-3	<2	17	12	1300	<0.5	<5	43	22	110	2.9	1	4.5	3	<50	18	0.4	3	2.07	78	69
91-PMA-206	<2	15	11	1300	0.5	<5	37	20	95	2.5	<1	4.4	2	<50	17	0.4	2	2.12	48	63
91-PMA-207	<2	14	18	1300	<0.5	<5	37	16	130	1.4	<1	3.7	3	<50	17	0.4	1	2.31	35	50
91-PMA-208	<2	13	12	1200	<0.5	<5	40	17	130	1.6	1	4	3	<50	17	0.4	1	2.29	31	46
91-PMA-209	<2	11	6	1400	<0.5	<5	62	16	140	1.7	1	4.9	6	<50	25	0.4	2	3.01	59	61
91-PMA-210-1	<2	7.3	12	1300	<0.5	<5	44	13	89	1.4	1	3.3	4	<50	19	0.3	<1	2.76	24	56
91-PMA-210-2	<2	7.6	12	1300	<0.5	<5	45	11	100	1.3	1	3.1	4	<50	19	0.4	1	2.59	35	57
91-PMA-210-3	<2	8.4	15	1300	<0.5	<5	44	13	110	0.9	1	3.4	5	<50	20	0.4	1	2.7	39	55
91-PMA-212	<2	7.1	10	1400	<0.5	<5	44	11	100	1.5	1	3.4	3	<50	19	0.4	1	2.68	24	54
91-PMA-214	<2	20	10	1300	0.9	<5	47	25	110	1.9	1	4.7	3	<50	18	0.4	1	2.24	34	55
91-PMA-215	<2	11	14	1400	0.8	<5	32	15	120	1.4	<1	4.3	4	<50	17	0.4	<1	2.53	<10	59
91-PMA-217	<2	15	14	1300	<0.5	<5	38	14	130	1.4	1	4.5	4	<50	17	0.4	<1	2.44	44	54
91-PMA-218	<2	13	25	1200	0.6	<5	40	14	150	1	<1	4.3	5	<50	18	0.3	<1	2.35	<10	56
91-PMA-224	<2	11	13	1300	<0.5	<5	45	17	110	2.5	<1	4.5	3	<50	22	0.3	<1	2.49	55	73
91-PMA-228	<2	9.2	7	1200	1.6	<5	39	24	150	2.5	1	5.9	3	<50	17	0.4	1	2.27	81	77
91-PMA-229	<2	11	9	1200	<0.5	<5	56	20	76	3.1	<1	5.5	4	<50	24	0.4	1	2.34	21	80
91-PMA-230	<2	11	8	1400	<0.5	<5	67	26	89	3.5	1	6.6	5	<50	28	0.4	2	2.65	27	86

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-231	<2	12	10	1300	<0.5	<5	38	14	110	1.7	1	4.5	4	<50	18	0.4	<1	2.6	24	73
91-PMA-232	<2	11	8	1300	0.9	<5	34	13	76	1.9	<1	4.7	5	<50	18	0.4	<1	2.64	24	73
91-PMA-233	<2	12	16	1400	1.2	<5	39	17	85	1.6	1	5	5	<50	17	0.5	<1	2.62	35	110
91-PMA-235	<2	8.9	13	1200	1.7	<5	40	18	72	1.9	1	4.9	4	<50	17	0.5	<1	2.61	60	73
91-PMA-238	<2	4.8	5	970	0.8	<5	34	23	36	3.1	1	5.8	3	<50	15	0.5	1	2.08	<10	59
91-PMA-239-1	<2	13	11	1300	0.8	<5	41	21	72	3.4	1	5.3	5	<50	18	0.4	2	2.26	33	81
91-PMA-239-2	<2	19	16	1500	<0.5	<5	40	22	78	3.2	1	5.3	3	<50	17	0.4	1	2.41	24	93
91-PMA-239-3	<2	20	9	1500	<0.5	<5	34	26	76	12	1	5.5	3	<50	16	0.3	<1	2	41	120
91-PMA-239-4	<2	19	10	1400	0.8	<5	34	22	83	4.7	1	5.4	3	<50	18	0.4	<1	2.14	43	97
91-PMA-240	<2	19	8	1300	<0.5	<5	40	27	110	10	<1	5.9	3	<50	16	0.5	<1	2.01	22	100
91-PMA-241	<2	21	12	1400	1.3	<5	47	20	110	2.8	2	6	5	<50	20	0.3	1	2.52	54	92
91-PMA-242	<2	12	15	1200	0.6	<5	45	28	73	3.6	1	6.1	4	<50	22	0.4	1	2.54	61	80
91-PMA-245	<2	13	11	1300	1.2	<5	37	21	70	3.3	1	5.5	4	<50	20	0.4	1	2.42	20	99
91-PMA-249	<2	25	10	1100	1.6	<5	56	23	78	5	1	5.5	7	<50	27	0.6	2	2.21	45	130
91-PMA-250	<2	15	21	1100	0.6	<5	52	22	87	4.3	<1	5.9	7	<50	22	0.6	2	2.57	53	140
91-PMA-252	<2	13	15	1200	1	<5	44	18	66	3.8	1	5.5	5	<50	20	0.4	1	2.47	24	120
91-PMA-253	<2	12	10	1200	1.2	<5	46	18	77	3.8	1	5.5	5	<50	20	0.5	2	2.41	39	120
91-PMA-256	<2	33	18	1300	0.6	<5	40	19	75	3.1	1	5.3	4	<50	19	0.4	1	2.34	40	86
91-PMA-259	<2	16	8	1300	1.6	<5	38	24	87	3.5	1	5.3	3	<50	18	0.4	2	2	75	78
91-PMA-260	<2	17	8	1300	0.8	<5	44	22	110	4.8	<1	5.2	3	<50	21	0.4	<1	1.9	63	80
91-PMA-261	<2	11	8	1300	<0.5	<5	36	20	100	2.6	<1	4.5	4	<50	18	0.4	<1	2.22	54	74
91-PMA-262	<2	10	11	1200	0.8	<5	51	19	150	2.4	1	4.9	4	<50	22	0.5	<1	2.25	60	57
91-PMA-264-1	<2	17	28	1100	<0.5	<5	33	18	120	1.8	1	5.1	5	<50	17	0.4	<1	2.62	22	65
91-PMA-264-2	<2	22	16	1300	0.6	<5	32	21	120	2.5	<1	5.5	4	<50	17	0.4	1	2.55	20	71
91-PMA-264-3	<2	20	13	1200	0.7	<5	29	26	77	6.7	1	5.4	2	<50	14	0.3	2	2.24	21	80
91-PMA-265-1	<2	10	8	1000	<0.5	<5	41	15	110	1.7	1	3.5	4	<50	18	0.3	1	2.1	<10	49
91-PMA-265-2	<2	11	11	1400	<0.5	<5	47	15	81	2.3	1	4	3	<50	21	0.4	1	2.23	76	68
91-PMA-266-1	<2	13	8	1200	<0.5	<5	40	16	110	2.1	1	4	3	<50	18	0.4	1	2.12	48	55
91-PMA-266-2	<2	13	11	1300	0.6	<5	37	18	120	2.5	1	4.2	3	<50	18	0.3	1	2.05	71	61
91-PMA-266-3	<2	17	12	1300	<0.5	<5	41	18	130	2.1	1	4.3	4	<50	20	0.4	1	2.41	35	61
91-PMA-266-4	<2	14	7	1100	<0.5	<5	40	15	120	2.1	<1	3.6	3	<50	17	0.4	1	2.05	55	50
91-PMA-266-5	<2	21	10	1100	0.7	<5	44	23	150	2.3	1	4.7	4	<50	20	0.5	3	2.3	76	61

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-269	<2	23	8	1200	1.1	<5	38	18	110	1.7	1	5.2	4	<50	17	0.5	<1	2.52	21	68
91-PMA-270	<2	10	10	1300	0.6	<5	50	19	120	2.9	1	5.7	6	<50	24	0.4	<1	2.49	20	85
91-PMA-271	<2	8.4	9	1200	0.7	<5	49	20	110	3.1	1	5.2	5	<50	22	0.5	<1	2.36	42	78
91-PMA-272	<2	7.6	9	1400	<0.5	<5	40	20	91	2.1	1	5.2	4	<50	19	0.4	<1	2.87	52	70
91-PMA-273	<2	9	11	1300	<0.5	<5	51	17	100	2	1	4.3	5	<50	23	0.5	<1	2.63	<10	60
91-PMA-274	<2	9.1	7	1300	<0.5	<5	48	16	120	2	1	4.4	5	<50	24	0.5	<1	2.66	41	66
91-PMA-275	<2	12	12	1400	1.3	<5	49	20	110	2.5	1	4.9	4	<50	22	0.4	1	2.38	61	61
91-PMA-276-1	<2	11	7	1400	<0.5	<5	32	16	94	2.7	1	4.7	3	<50	15	0.4	<1	2.29	<10	70
91-PMA-276-2	<2	15	7	1400	<0.5	<5	32	21	110	2.8	1	4.9	3	<50	16	0.3	1	2.36	<10	72
91-PMA-277-3	<2	69.8	39	970	2.5	<5	31	5	40	10	1	7.1	2	<50	14	0.4	19	1.4	<10	150
91-PMA-278	<2	22	41	670	<0.5	<5	17	15	<20	6.4	<1	5.7	2	<50	10	0.3	6	1.7	23	130
91-PMA-280-1	<2	13	7	1300	<0.5	<5	39	22	130	3.5	1	4.5	4	<50	18	0.3	1	1.9	100	71
91-PMA-280-2	<2	13	13	1100	<0.5	<5	49	18	130	2.1	1	4.5	5	<50	19	0.3	2	2.15	51	53
91-PMA-281	<2	16	6	1500	<0.5	<5	63	24	120	4.3	2	6	5	<50	30	0.4	1	2.39	44	95
91-PMA-295	<2	10	11	1400	0.8	<5	48	18	120	2.6	1	5.1	4	<50	21	0.5	<1	2.71	23	76
91-PMA-296	<2	10	7	1300	<0.5	<5	40	21	120	2.6	1	5	3	<50	20	0.4	<1	2.11	63	66
91-PMA-297	<2	10	7	1500	<0.5	<5	45	24	120	2.6	1	5.5	4	<50	21	0.4	1	2.31	62	75
91-PMA-298-1	<2	16	6	1300	1.1	<5	95	22	130	4	2	4.4	9	<50	42	0.7	<1	2.01	50	99
91-PMA-298-2	<2	9	6	1600	<0.5	<5	50	19	120	2.2	1	5.2	4	<50	24	0.4	1	2.71	22	67
91-PMA-299	<2	25	8	1500	<0.5	<5	41	16	84	1.9	1	3.5	3	<50	20	0.5	5	2	57	51
91-PMA-306-3	<2	10	7	970	<0.5	<5	37	13	120	1.5	1	3.5	3	<50	17	0.4	1	2.35	46	45
91-PMA-307	<2	11	32	1300	<0.5	<5	42	23	59	4	1	5.2	4	<50	19	0.4	2	2.26	<10	91
91-PMA-308	<2	10	24	1300	0.6	<5	38	23	70	3.3	<1	5.1	4	<50	19	0.4	2	2.4	24	92
91-PMA-309	<2	15	15	1400	<0.5	<5	41	26	61	2.8	2	6.8	4	<50	21	0.5	<1	2.49	24	82
91-PMA-310	<2	62.7	71	1200	1.3	<5	25	34	86	5.3	1	8.4	4	<50	20	<0.2	<1	2.05	54	100
91-PMA-311	<2	46	60	1400	0.9	<5	21	32	82	4.9	1	7	5	<50	19	<0.2	<1	2.05	51	110
91-PMA-312	<2	19	6	1100	<0.5	<5	31	20	100	3.1	1	4.3	3	<50	18	<0.2	<1	1.9	120	56
91-PMA-314-1	<2	12	9	1100	<0.5	<5	34	24	140	2.9	<1	4.2	3	<50	20	<0.2	<1	2	130	63
91-PMA-314-2	<2	13	7	1200	<0.5	<5	34	23	140	2.6	1	4.4	3	<50	20	<0.2	<1	1.9	120	59
91-PMA-314-3	<2	12	8	1100	<0.5	<5	37	22	140	3.5	1	4.4	3	<50	20	<0.2	<1	1.8	130	55
91-PMA-315	<2	8.5	12	1000	<0.5	<5	28	17	110	2	1	3.8	3	<50	17	<0.2	<1	1.9	87	48
91-PMA-316	<2	7.4	9	1200	<0.5	<5	36	21	87	2.4	<1	4.8	4	<50	23	0.2	<1	2.29	46	59

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-319	<2	19	11	1200	0.6	<5	27	46	110	3.4	1	7.5	2	<50	21	0.2	3	1.6	160	42
91-PMA-320	<2	21	11	1200	<0.5	<5	26	44	92	3	<1	7.1	1	<50	20	<0.2	3	1.6	150	48
91-PMA-321	<2	4.2	5	1400	<0.5	<5	38	12	74	1.7	1	3.1	4	<50	26	<0.2	<1	2.31	42	46
91-PMA-322	<2	7.7	51	1300	0.9	<5	34	21	88	1.7	<1	4.8	5	<50	21	0.3	<1	2.16	70	50
91-PMA-323-1	<2	19	10	1500	<0.5	<5	41	25	170	3.9	<1	5.1	4	<50	25	0.2	1	1.5	150	53
91-PMA-323-2	<2	19	11	1500	0.6	<5	39	25	160	3.4	1	4.9	3	<50	24	0.2	1	1.5	140	48
91-PMA-324	<2	20	9	1400	<0.5	<5	41	27	140	2.9	1	4.9	4	<50	27	<0.2	<1	1.9	110	52
91-PMA-325	<2	7.9	<2	1300	<0.5	<5	33	15	83	1.3	<1	3.6	3	<50	22	<0.2	<1	2.06	70	48
91-PMA-326	<2	8	9	1300	<0.5	<5	32	15	90	1.7	1	3.6	3	<50	22	0.2	<1	2.14	24	45
91-PMA-327	<2	18	10	1300	<0.5	<5	37	23	110	1.8	1	4.7	4	<50	24	0.3	<1	2	51	43
91-PMA-328-1	<2	9.5	14	1300	<0.5	<5	32	19	93	3	1	4.6	3	<50	20	<0.2	<1	2.12	54	50
91-PMA-328-2	<2	10	22	1200	<0.5	<5	33	19	75	2.6	<1	4.4	3	<50	19	<0.2	<1	2.03	52	49
91-PMA-328-3	<2	9.2	15	1200	<0.5	<5	31	20	89	1.7	<1	4.3	3	<50	19	<0.2	<1	2.06	44	38
91-PMA-328-4	<2	9.5	18	1200	<0.5	<5	31	17	91	2.5	<1	4.4	3	<50	20	<0.2	<1	2.04	63	44
91-PMA-329-1	<2	3.2	12	1100	<0.5	<5	36	21	82	2.7	<1	4.9	5	<50	22	<0.2	<1	2.36	48	76
91-PMA-329-2	<2	4.9	20	1400	<0.5	<5	44	24	91	4.1	<1	5.8	6	<50	26	<0.2	<1	2.54	26	82
91-PMA-329-3	<2	5.2	19	1400	<0.5	<5	41	22	79	3.8	1	5.2	5	<50	25	<0.2	<1	2.62	22	87
91-PMA-329-4	<2	5	16	1300	<0.5	<5	40	23	76	3.9	1	5.2	5	<50	24	0.2	<1	2.46	27	89
91-PMA-330-1	<2	6.6	3	1100	<0.5	<5	22	11	130	1.5	1	2.9	2	<50	14	<0.2	<1	1.9	54	44
91-PMA-330-2	<2	10	4	1100	<0.5	<5	28	19	140	5	1	4	3	<50	17	0.2	<1	1.8	44	55
91-PMA-331-1	<2	16	12	1400	<0.5	<5	42	24	94	3.8	1	5.1	3	<50	27	0.3	<1	1.8	39	68
91-PMA-331-2	<2	16	12	1500	<0.5	<5	37	26	100	3.5	1	5.2	3	<50	27	0.3	<1	1.9	41	64
91-PMA-332	<2	15	7	1300	<0.5	<5	36	26	100	3.4	<1	4.9	3	<50	25	0.2	<1	1.7	55	64
91-PMA-333-1	<2	12	8	1400	<0.5	<5	39	20	85	3.3	<1	4.8	3	<50	28	0.2	<1	1.9	42	69
91-PMA-333-2	<2	13	8	1400	<0.5	<5	47	22	96	3.1	1	5.1	4	<50	29	0.3	<1	1.9	62	67
91-PMA-338	<2	25	12	1500	<0.5	<5	57	29	220	4.2	1	5.3	4	<50	32	0.3	4	1.1	95	74
91-PMA-339	<2	26	11	1500	<0.5	<5	52	31	190	4	<1	5.9	5	<50	33	0.2	7	1	120	71
91-PMA-340	<2	25	19	1900	1.3	<5	72	31	330	4.6	2	5.9	7	<50	48	<0.2	1	1.8	170	87
91-PMA-341	<2	18	14	1500	2	<5	81	27	190	3.5	1	5.4	7	<50	51	0.4	<1	1.9	70	71
91-PMA-342	<2	17	7	1600	1.6	<5	39	48	220	4.7	1	7.1	4	<50	26	0.4	<1	1.3	84	61
91-PMA-344-1	<2	16	9	840	<0.5	<5	24	66	410	3.6	<1	5.6	2	<50	15	0.3	<1	0.85	450	26
91-PMA-344-2	<2	19	14	1000	0.9	<5	24	69	430	3.8	1	6.3	3	<50	17	<0.2	<1	0.92	460	35

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-344-3	<2	21	6	810	0.9	<5	24	76	510	3.2	<1	6.3	2	<50	15	0.3	<1	0.83	660	25
91-PMA-345	<2	20	6	790	1.3	<5	20	84	470	3.6	<1	6	2	<50	14	0.3	<1	0.79	640	27
91-PMA-346-1	<2	24	12	1400	<0.5	<5	43	30	180	4.3	1	5.2	3	<50	28	0.3	<1	1.3	100	75
91-PMA-346-2	<2	19	17	1400	1.7	<5	38	39	210	3.2	1	5.8	3	<50	24	0.3	<1	1.4	140	60
91-PMA-347	<2	22	12	1400	<0.5	<5	47	30	170	4.5	1	5.1	4	<50	28	0.3	<1	1.3	130	72
91-PMA-348-1	<2	12	11	1100	<0.5	<5	69	20	170	2.8	<1	4.2	7	<50	41	0.3	<1	1.7	75	70
91-PMA-348-2	<2	11	13	1100	<0.5	<5	81	24	160	3	2	4.5	9	<50	50	0.2	<1	1.7	69	74
91-PMA-348-3	<2	17	6	1400	0.5	<5	69	34	190	6	1	5.9	4	<50	43	0.3	<1	1.5	63	100
91-PMA-348-4	<2	15	22	1300	<0.5	<5	76	29	160	4.9	2	5	5	<50	45	0.3	<1	1.5	93	110
91-PMA-348-5	<2	13	6	1300	0.7	<5	90	29	160	4.6	1	5	7	<50	55	0.4	<1	1.5	66	85
91-PMA-348-6	<2	18	5	1400	<0.5	<5	100	32	140	6.6	2	6.5	7	<50	65	0.4	<1	1.4	62	140
91-PMA-349-1	<2	23	12	1600	<0.5	<5	54	30	230	5.2	1	4.8	4	<50	35	0.2	6	1.1	140	84
91-PMA-349-2	<2	29	15	1900	<0.5	<5	56	34	200	5.6	<1	4.4	5	<50	39	<0.2	8	0.88	110	91
91-PMA-349-3	<2	31	17	1400	<0.5	<5	68	34	200	4	1	5.6	6	<50	41	0.3	3	1	110	61
91-PMA-352	<2	3.9	4	1100	<0.5	<5	72	23	85	6	2	4.6	10	<50	45	0.5	<1	0.84	23	130
91-PMA-353	<2	3.1	<2	930	<0.5	<5	67	20	86	5.8	1	4.1	10	<50	41	0.5	<1	0.82	39	120
91-PMA-354	<2	14	7	1500	<0.5	<5	89	26	170	3.1	2	4.6	8	<50	52	0.5	<1	1.3	41	77
91-PMA-355	<2	13	8	1200	0.7	<5	97	24	190	3.2	3	4.8	10	<50	57	0.4	<1	1.5	44	69
91-PMA-356-1	<2	17	11	1300	<0.5	<5	33	29	160	3.2	1	6.1	4	<50	22	<0.2	<1	1.9	80	60
91-PMA-356-2	<2	41	17	1000	<0.5	<5	21	58	170	3.6	2	8.6	2	<50	13	0.2	<1	2.26	69	42
91-PMA-356-3	<2	19	21	1200	1.3	<5	34	25	150	2.4	1	5.4	3	<50	20	0.3	<1	2	66	55
91-PMA-356-4	<2	30	22	1100	<0.5	<5	19	38	140	3.2	1	6.6	2	<50	15	0.3	<1	2	64	50
91-PMA-356-5	<2	32	19	1100	1.1	<5	13	48	110	7.7	1	8.2	1	<50	13	<0.2	<1	2	38	71
91-PMA-356-6	<2	20	14	1100	<0.5	<5	27	29	150	2.9	<1	5.7	3	<50	18	0.3	<1	2	49	54
91-PMA-356-7	<2	34	18	850	0.6	<5	14	55	120	8.4	<1	8.4	1	<50	11	0.2	<1	2	81	68
91-PMA-356-8	<2	31	16	1100	<0.5	<5	21	37	140	2.9	1	4.9	2	<50	15	0.3	<1	1.8	38	47
91-PMA-356-9	<2	32	22	1100	1.6	<5	20	34	130	5.4	1	7.3	2	<50	14	0.2	<1	2	21	64
91-PMA-356-10	<2	39	20	930	<0.5	<5	19	59	200	5.2	<1	7.6	2	<50	13	<0.2	<1	2	50	50
91-PMA-356-11	<2	26	13	970	1.5	<5	31	29	180	4.7	1	6.7	3	<50	16	<0.2	<1	2	35	48
91-PMA-356-12	<2	38	28	1100	0.6	<5	25	85	210	4.4	1	8.7	2	<50	15	0.2	<1	2.05	46	58
91-PMA-356-13	<2	55.2	34	910	1.2	<5	24	65	200	5.3	1	8.4	2	<50	13	<0.2	1	1.9	73	68
91-PMA-356-14	<2	27	22	970	1	<5	25	47	170	6.4	<1	7	2	<50	15	0.2	<1	1.9	62	66

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-356-15	<2	26	21	970	0.6	<5	20	42	150	5	1	6.8	2	<50	15	0.2	<1	1.9	44	53
91-PMA-356-16	<2	47	29	1200	1.9	<5	29	22	130	2.6	1	4.7	3	<50	17	0.2	<1	2.09	23	45
91-PMA-356-17	<2	140	89	1000	2.4	<5	21	78	110	4.2	1	8.2	2	<50	14	0.2	<1	1.6	65	50
91-PMA-356-18	<2	104	140	920	2.3	<5	17	48	85	4.6	1	7.8	2	<50	14	<0.2	<1	1.5	75	46
91-PMA-356-19	<2	38	73	1700	1.2	<5	23	59	150	5	1	6.3	2	<50	16	<0.2	1	1.7	35	71
91-PMA-356-20	<2	45	1210	1200	0.8	<5	21	56	110	3.2	1	6.3	2	<50	16	0.3	<1	1.8	<10	47
91-PMA-358	<2	11	8	1000	<0.5	<5	90	27	150	3.6	1	4.8	7	<50	49	0.4	<1	1.6	21	96
91-PMA-359	<2	8.4	5	940	<0.5	<5	85	27	160	4.2	1	4.6	8	<50	48	0.3	<1	1.5	54	100
91-PMA-362	<2	11	7	1100	<0.5	<5	33	27	190	2.6	<1	5.3	3	<50	21	<0.2	<1	1.9	74	36
91-PMA-363	<2	12	7	1200	<0.5	<5	30	31	170	3.2	2	5.4	3	<50	21	0.3	<1	1.8	120	45
91-PMA-364	<2	24	16	1100	0.8	<5	43	28	220	2.9	1	4.9	4	<50	27	0.3	<1	1.8	170	55
91-PMA-365	<2	16	3	860	0.9	<5	26	20	200	3.7	<1	3.4	2	<50	21	0.2	1	1.3	200	33
91-PMA-366	<2	16	<2	830	0.8	<5	33	20	210	3.3	1	3.4	2	<50	22	<0.2	2	1.3	180	28
91-PMA-367-1	<2	8.4	4	1200	<0.5	<5	64	24	110	4.2	1	4.5	6	<50	44	<0.2	<1	1.2	48	110
91-PMA-367-2	<2	11	3	1300	<0.5	<5	72	25	130	5.2	<1	4.9	4	<50	44	<0.2	<1	1.2	70	110
91-PMA-368	<2	7.9	<2	1200	<0.5	<5	71	23	110	4.5	1	4.3	6	<50	45	<0.2	<1	1.3	45	100
91-PMA-370-1	<2	14	6	1600	<0.5	<5	58	22	130	4.9	1	4.3	4	<50	38	0.3	<1	1	69	90
91-PMA-370-2	<2	15	7	1700	<0.5	<5	66	20	130	4.7	1	4.3	5	<50	39	0.3	1	1	43	100
91-PMA-370-3	<2	14	5	1600	<0.5	<5	61	20	120	4.1	1	4.1	5	<50	37	0.3	1	0.95	41	79
91-PMA-371	<2	17	8	1400	0.6	<5	48	28	170	4	1	5.5	5	<50	29	0.2	<1	1.1	50	53
91-PMA-372	<2	12	22	1200	1.4	<5	34	20	170	1.8	<1	5.4	5	<50	19	0.3	<1	2.31	<10	46
91-PMA-373	<2	13	20	1400	1.3	<5	24	16	130	1.8	2	4.9	3	<50	18	0.3	<1	2.37	24	38
91-PMA-374	<2	13	14	1400	1.9	<5	29	23	91	2.9	1	4.9	3	<50	17	<0.2	<1	2.31	23	60
91-PMA-375-1	<2	22	17	1200	<0.5	<5	38	34	190	4.5	1	5.5	3	<50	24	0.3	6	1.1	82	50
91-PMA-375-2	<2	21	13	1000	<0.5	<5	38	30	220	3.5	1	5.5	3	<50	24	0.3	2	1.2	81	44
91-PMA-376	<2	25	18	1200	0.5	<5	38	29	210	3.9	1	5.7	3	<50	25	0.3	4	1.2	67	54
91-PMA-377	<2	32	15	1800	<0.5	<5	72	28	140	4.7	2	5.2	5	<50	48	<0.2	12	0.93	87	97
91-PMA-378	<2	21	18	1500	<0.5	<5	51	20	150	2.2	<1	4.1	5	<50	34	0.4	<1	1.4	53	47
91-PMA-383	<2	7.3	4	1500	<0.5	<5	96	22	100	4	1	5	7	<50	61	0.3	<1	1.5	53	130
91-PMA-384	<2	7.7	<2	1400	0.7	<5	90	23	120	4.3	2	4.9	7	<50	58	0.4	<1	1.4	20	120
91-PMA-392	<2	18	3	1300	0.6	<5	75	21	140	7.4	2	4.3	6	<50	42	0.2	<1	1.2	82	130
91-PMA-393	<2	17	<2	1200	0.9	<5	77	21	140	6.8	2	4.3	7	<50	43	<0.2	<1	1.2	61	120

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-394	<2	11	5	1400	<0.5	<5	78	22	140	5.4	1	4.6	6	<50	40	0.2	<1	1.2	67	130
91-PMA-395-1	<2	7.9	<2	890	<0.5	<5	60	13	75	5.6	1	3.7	6	<50	41	<0.2	<1	1.4	<10	140
91-PMA-395-2	<2	12	5	1200	<0.5	<5	53	22	120	8.5	1	4.5	4	<50	36	<0.2	<1	1.2	58	160
91-PMA-398	<2	1.9	6	1200	<0.5	<5	89	18	110	8.4	1	5.1	10	<50	58	0.3	<1	0.87	25	160
91-PMA-399	<2	3.3	<2	1000	<0.5	<5	110	19	110	8.4	2	4.4	10	<50	67	0.4	<1	1.3	46	150
91-PMA-400	<2	6.2	3	1400	<0.5	<5	59	24	120	6.1	<1	4.9	5	<50	35	0.4	<1	1.2	23	98
91-PMA-401	<2	6.8	<2	1400	<0.5	<5	56	24	110	6	1	5	5	<50	35	0.3	<1	1.2	50	99
91-PMA-402	<2	2.5	16	1000	<0.5	<5	81	19	81	6	1	4.3	10	<50	48	0.3	<1	1.1	23	140
91-PMA-403	<2	10	3	1300	<0.5	<5	65	26	120	6	2	5.2	5	<50	43	0.3	<1	1.3	59	110
91-PMA-404	<2	1.9	<2	820	<0.5	<5	69	21	86	11	1	4.8	8	<50	44	<0.2	<1	1	22	160
91-PMA-405-1	<2	9.1	37	1100	1.9	<5	20	33	140	5.9	<1	7.3	2	<50	12	<0.2	<1	1.8	<10	84
91-PMA-405-2	<2	18	40	1200	1.2	<5	28	40	160	5.2	<1	7.9	3	<50	17	0.3	<1	2.1	22	82
91-PMA-406-1	<2	14	42	1200	1.8	<5	12	48	110	11	<1	9.2	2	<50	13	<0.2	<1	1.9	61	110
91-PMA-406-2	<2	14	40	1200	1.7	<5	26	38	160	6.4	<1	7.2	2	<50	16	0.3	<1	1.9	69	79
91-PMA-406-3	<2	17	24	1100	1	<5	20	36	140	6.7	1	6.3	2	<50	15	<0.2	<1	1.8	53	61
91-PMA-407	<2	22	19	1200	1.7	<5	7	58	220	6	1	10	1	<50	11	<0.2	<1	1.9	28	70
91-PMA-408-1	<2	20	64	1000	1.2	<5	14	35	110	14	<1	9	1	<50	11	0.2	<1	1.5	55	140
91-PMA-408-2	<2	13	50	1100	2.5	<5	13	28	100	13	1	7.8	1	<50	10	0.2	<1	1.6	23	110
91-PMA-408-3	<2	12	54	820	1.3	<5	6	30	110	23	<1	10	<1	<50	5	<0.2	<1	1.5	40	120
91-PMA-408-4	<2	17	120	800	1.8	<5	<5	31	140	26	1	11	<1	<50	6	<0.2	<1	1	39	160
91-PMA-409	<2	45	140	1000	1.1	<5	12	46	220	11	<1	8.8	1	<50	7	0.3	<1	1.7	49	90
91-PMA-410-1	<2	15	10	1100	1.9	<5	26	29	170	2.5	1	5.3	2	<50	16	<0.2	<1	1.8	46	55
91-PMA-410-2	<2	18	13	1100	2.3	<5	24	38	190	4.1	1	7	3	<50	18	<0.2	<1	1.8	52	87
91-PMA-410-3	<2	14	12	1200	1.2	<5	33	17	130	1.3	2	4.3	4	<50	22	0.2	<1	2.46	44	42
91-PMA-411-1	<2	20	28	1200	0.7	<5	36	25	110	2.5	1	5.5	3	<50	20	0.3	<1	2.09	21	50
91-PMA-411-2	<2	21	15	1200	1	<5	28	28	110	2	1	5.3	3	<50	20	<0.2	<1	2.07	26	46
91-PMA-411-3	<2	19	12	1200	0.6	<5	30	22	110	2.8	1	5.2	3	<50	21	<0.2	<1	2.02	57	49
91-PMA-411-4	<2	20	15	1200	1.3	<5	30	21	110	2.6	1	5.5	2	<50	20	<0.2	<1	2.03	47	37
91-PMA-411-5	<2	21	15	1300	1.1	<5	26	21	120	2.9	1	5.4	2	<50	20	0.3	<1	2.07	41	45
91-PMA-411-6	<2	17	13	1100	0.8	<5	28	23	110	2.8	1	5.2	2	<50	18	0.2	<1	1.9	49	53
91-PMA-411-7	<2	23	16	870	1	<5	21	42	81	9	1	8.5	1	<50	14	<0.2	1	1.2	57	57
91-PMA-411-8	<2	20	13	1200	0.8	<5	26	22	120	3.1	1	5.1	3	<50	19	0.2	<1	2.03	63	55

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-412-1	<2	13	11	1100	1.5	<5	31	14	120	2.3	1	4.5	3	<50	16	<0.2	<1	2.22	33	41
91-PMA-412-2	<2	16	18	1200	0.8	<5	28	21	130	3	1	5.6	3	<50	19	0.4	<1	2.12	32	48
91-PMA-417-1	<2	6	55	950	<0.5	<5	27	44	140	3.3	2	9	4	<50	18	0.2	<1	1.8	27	91
91-PMA-417-2	<2	6	32	930	0.6	<5	32	36	130	2.4	1	8	4	<50	18	<0.2	<1	2	22	72
91-PMA-417-3	<2	5.9	35	990	<0.5	<5	23	40	110	3.9	1	7.7	3	<50	15	0.3	<1	1.8	28	83
91-PMA-418-1	<2	7.1	28	970	<0.5	<5	24	30	72	2.6	<1	6.2	2	<50	15	0.2	<1	2.06	41	69
91-PMA-418-2	<2	6.3	25	1000	<0.5	<5	32	32	91	4.9	1	6	4	<50	21	0.2	<1	2	26	73
91-PMA-418-4	<2	5.4	40	640	<0.5	<5	11	56	120	12	1	8.2	1	<50	10	0.2	6	1.2	60	79
91-PMA-419	<2	8.9	21	800	1.7	<5	23	39	110	5.1	1	6.9	2	<50	17	0.3	3	2	21	69
91-PMA-420-1	<2	5.6	83	930	2.8	<5	19	37	110	5.9	2	7.2	2	<50	18	0.5	<1	1.9	21	63
91-PMA-420-2	<2	4.9	40	1000	0.6	<5	21	34	80	4.9	1	6.2	2	<50	16	0.3	<1	1.9	25	66
91-PMA-420-3	<2	4.9	43	880	2.1	<5	21	51	140	4.7	1	8.3	2	<50	11	0.2	<1	1.5	48	68
91-PMA-420-4	<2	4.7	37	870	1	<5	17	49	150	3.8	1	8	2	<50	12	<0.2	<1	1.6	44	63
91-PMA-420-5	<2	5.1	54	760	0.7	<5	20	45	140	2.7	1	8.3	3	<50	14	0.3	<1	1.6	22	71
91-PMA-420-6	<2	6.5	62	1100	1.1	<5	34	42	110	6.6	2	10	3	<50	19	0.6	2	2.41	23	84
91-PMA-421	<2	9.1	20	960	<0.5	<5	28	39	130	3.9	1	7.6	2	<50	17	0.3	<1	2.11	28	58
91-PMA-422-1	<2	12	217	590	1.3	<5	39	58	30	32	2	11	1	<50	20	0.4	<1	1.1	62	81
91-PMA-422-2	<2	7.8	809	800	<0.5	<5	17	50	52	19	1	8.2	1	<50	14	0.3	<1	1.2	26	81
91-PMA-422-3	<2	10	230	780	2.5	<5	20	67	54	14	2	11	2	<50	16	0.4	8	1.4	29	73
91-PMA-422-4	<2	7.9	32	1000	1.8	<5	25	43	89	7.3	2	8.5	2	<50	14	0.3	<1	2.13	48	71
91-PMA-423	<2	5.8	13	680	4.1	<5	23	49	34	5.5	<1	8.4	2	<50	15	0.3	<1	1.2	24	100
91-PMA-424	<2	5.3	17	1200	0.6	<5	40	24	56	2.3	1	5.5	4	<50	26	0.2	<1	2.1	48	70
91-PMA-425-1	<2	6	39	1100	<0.5	<5	26	15	44	1.7	1	4	5	<50	18	0.2	<1	2.54	<10	83
91-PMA-425-2	<2	5.9	31	1000	<0.5	<5	26	13	39	1.6	1	4.2	4	<50	17	0.2	<1	2.53	<10	82
91-PMA-425-3	<2	6.2	25	990	0.6	<5	28	13	37	1.5	<1	4.4	5	<50	18	<0.2	<1	2.48	<10	66
91-PMA-425-4	<2	6.1	29	1000	0.8	<5	34	16	35	1.6	1	4.8	5	<50	20	0.3	<1	2.59	<10	68
91-PMA-426-1	<2	6.5	74	1100	<0.5	<5	29	18	29	4.6	1	5	3	<50	20	0.2	1	2.61	23	86
91-PMA-426-2	<2	7.1	42	1100	<0.5	<5	22	16	52	2.7	1	4.4	3	<50	18	0.2	<1	2.51	<10	92
91-PMA-426-3	<2	5.4	43	920	1.6	<5	32	35	23	19	1	7.5	2	<50	20	0.4	5	1.6	<10	130
91-PMA-427-1	<2	11	17	1300	<0.5	<5	39	18	91	3.5	<1	4.2	3	<50	22	0.3	<1	1.6	39	61
91-PMA-429-1	<2	13	130	930	<0.5	<5	22	40	71	7.7	1	7.4	2	<50	15	<0.2	1	1.7	37	81
91-PMA-429-2	<2	5.4	150	910	<0.5	<5	25	38	48	7	1	7.1	2	<50	13	0.3	<1	1.7	<10	100

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Ag	As	Au	Ba	Br	Cd	Ce	Co	Cr	Cs	Eu	Fe	Hf	Ir	La	Lu	Mo	Na	Ni	Rb
91-PMA-429-3	<2	5.1	160	800	<0.5	<5	17	35	43	6.2	<1	6.5	1	<50	13	<0.2	<1	1.6	<10	88
91-PMA-429-4	<2	6.2	216	860	0.8	<5	18	43	60	6.3	1	8.2	2	<50	14	0.5	<1	1.7	24	82
91-PMA-429-5	<2	4.8	93	880	<0.5	<5	22	35	41	5.9	1	6.4	1	<50	12	<0.2	<1	1.6	<10	90
91-PMA-429-6	<2	5.6	140	830	<0.5	<5	21	37	27	7.1	1	7.3	1	<50	13	0.3	<1	1.7	22	90
91-PMA-430-1	<2	5.9	46	830	<0.5	<5	22	38	90	3.1	1	6.8	3	<50	16	0.2	<1	1.7	<10	65
91-PMA-430-2	<2	11	82	1100	<0.5	<5	35	46	100	6.5	1	8.4	2	<50	19	0.4	<1	2	26	73
91-PMA-430-3	<2	7.8	38	1100	<0.5	<5	35	32	71	3.2	2	6.7	3	<50	19	<0.2	<1	2.11	25	81
91-PMA-430-4	<2	9	100	1000	<0.5	<5	22	36	83	5.2	1	6.8	2	<50	14	0.4	<1	1.8	25	77
91-PMA-431-1	<2	10	40	1000	0.9	<5	23	40	95	6.2	<1	7.4	2	<50	15	0.3	<1	2.01	38	65
91-PMA-431-2	<2	9.5	57	1000	<0.5	<5	22	35	96	4.6	1	6.7	2	<50	14	0.2	<1	1.9	50	61
91-PMA-431-3	<2	12	29	890	<0.5	<5	20	34	100	5.6	2	6.4	1	<50	12	0.2	<1	1.8	44	50
91-PMA-431-4	<2	11	30	950	<0.5	<5	20	36	97	5.7	<1	6.7	2	<50	13	0.3	<1	1.8	23	56
91-PMA-431-5	<2	14	23	1000	0.6	<5	17	35	91	6.5	1	7	1	<50	12	0.3	<1	1.7	37	55
91-PMA-431-6	<2	4.2	32	570	<0.5	<5	17	25	36	8.6	1	6.3	1	<50	12	<0.2	5	1.1	<10	55

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
90-PMA-009	1.6	18	-5	6.7	-100	0.9	0.9	-10	7.2	2.5	1	28.42	4	150	230
90-PMA-020	1.7	19	-5	6.7	-100	1.1	0.9	-10	6.6	2.2	1	39.59	3	130	350
90-PMA-026	1.2	13	-5	6.1	-100	0.9	0.8	-10	5.7	2.3	-1	41.37	2	150	-200
90-PMA-028-2	1.5	16	-5	6.7	-100	0.8	0.8	-10	6.4	2.3	-1	32.62	3	-100	-200
90-PMA-035	1	15	-5	7.7	-100	1.3	0.9	-10	11	4.3	1	33.99	4	-100	230
90-PMA-036	1.4	16	-5	6.6	-100	0.8	0.9	-10	5.8	2.1	-1	29.53	3	160	-200
90-PMA-050	1.3	11	-5	7.9	-100	1.5	1	-10	11	3.7	1	35.39	3	-100	580
90-PMA-052	1.1	14	-5	6.4	-100	0.8	0.7	-10	6.3	2.2	-1	31.41	3	120	470
90-PMA-055	0.8	15	-5	7.3	-100	1	0.8	-10	6.3	2.3	-1	40.66	3	-100	290
90-PMA-057	1	15	-5	7.1	-100	1.1	0.9	-10	7.8	2.8	-1	41.38	3	100	250
90-PMA-062	1.2	17	-5	6.4	-100	1.1	0.7	-10	6.9	2.5	1	31.11	3	-100	260
90-PMA-063	1	13	-5	6.7	-100	0.9	0.8	-10	7.4	2.6	-1	36.71	2	-100	340
90-PMA-065	1.5	20.1	-5	7.7	-100	0.9	0.9	-10	8	2.6	-1	34.7	3	110	-200
90-PMA-068	1.4	14	-5	6.6	-100	0.9	0.6	-10	6.3	2.9	-1	31.66	3	130	290
90-PMA-073 -1	1.6	21.8	-5	6.4	-100	0.9	0.9	-10	6	2.6	-1	30	3	170	280
90-PMA-077	0.9	20.4	-5	6.7	-100	0.9	0.7	-10	5.2	1.8	-1	33.19	3	160	290
90-PMA-078	1.5	14	-5	6.4	-100	1.2	0.8	-10	6.1	2.4	-1	42.16	3	-100	310
90-PMA-081	1.5	13	-5	6.5	-100	1	0.7	-10	6.1	2.6	-1	38.56	3	-100	-200
90-PMA-086	1.2	10	-5	6	-100	1.9	0.7	-10	21.6	4.2	-1	38.12	3	-100	280
90-PMA-088	0.7	15	-5	7.9	-100	1.2	0.9	-10	9.5	3.3	-1	38.54	3	110	-200
90-PMA-089	0.9	9.4	-5	4.7	-100	1	0.7	-10	8.1	2.4	-1	50.81	2	-100	-200
90-PMA-095	1.5	14	-5	6.1	-100	0.9	0.6	-10	5.5	2.1	-1	43.74	3	-100	240
90-PMA-097	1.9	15	-5	7	-100	0.8	0.8	-10	6.2	2.3	1	41.59	2	-100	310
90-PMA-098	2.9	17	-5	8.6	-100	1.1	0.8	-10	10	3.8	1	33.63	5	-100	-200
90-PMA-099	1.7	14	-5	7.4	-100	1.4	0.9	-10	8.7	3.2	1	36.85	3	-100	280
90-PMA-101	1.1	17	-5	9	-100	1.5	1.1	-10	11	3.4	-1	34.33	5	110	250
90-PMA-103	1.7	21.2	-5	6.3	-100	0.5	0.8	-10	5.5	2	-1	30.1	3	-100	-200
90-PMA-105	1.6	20	-5	6.3	-100	0.8	0.7	-10	5.1	1.9	1	30.09	3	100	-200
90-PMA-107	0.8	20.8	-5	7.5	-100	0.9	0.7	-10	6.6	2	-1	34.87	3	120	300
90-PMA-115	1.1	18	-5	7.2	-100	1	0.7	-10	7.7	2.6	-1	34.85	4	150	290
90-PMA-117	1.7	18	-5	6.9	-100	0.8	0.9	-10	6.5	2.1	-1	31.87	3	-100	-200
90-PMA-118	1.5	16	-5	5.9	-100	0.6	0.8	-10	4.7	1.9	1	30.78	3	-100	-200

NOTE : nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
90-PMA-122	1.3	17	-5	7.6	-100	0.9	0.9	-10	7.4	2.7	-1	33.59	4	120	370
90-PMA-123	1.1	16	-5	6.5	-100	0.8	0.8	-10	7.7	2.5	1	34.92	3	150	360
90-PMA-125	1.1	20.4	-5	7.8	-100	0.9	0.8	-10	8.7	3.2	-1	31.31	3	150	340
90-PMA-127	1.2	19	-5	10	-100	1.1	1.2	-10	11	3.5	-1	37.4	5	-100	340
90-PMA-131	1.8	21.2	-5	6.3	-100	0.7	0.8	-10	4.9	1.8	1	25.26	3	180	-200
90-PMA-133	2	23.8	-5	5.7	-100	0.5	0.8	-10	4.9	1.8	1	25.9	4	140	-200
90-PMA-135	1.8	19	-5	6.8	-100	0.7	0.9	-10	5.7	2	-1	28.63	3	140	-200
90-PMA-136	1.2	21.5	-5	8	-100	1	0.9	-10	6.8	2	1	32.73	3	170	340
90-PMA-139	2.7	20.9	-5	7	-100	0.8	0.8	-10	5.3	1.9	1	32.9	3	180	440
90-PMA-141	2.1	20.3	-5	7	-100	0.6	0.9	-10	5.3	3.2	1	32.93	3	130	-200
90-PMA-142	2.7	18	-5	6	-100	0.6	0.8	-10	5	1.9	-1	33.27	3	150	-200
90-PMA-144	1.4	15	-5	6.8	-100	1.3	1	-10	11	3.4	-1	29.84	4	-100	-200
90-PMA-146-2	1.6	19	-5	7.3	-100	0.8	0.7	-10	6.1	2.3	-1	40.54	3	130	-200
90-PMA-150	1.5	17	-5	7.1	-100	0.9	0.8	-10	5.9	2.2	-1	33.54	3	130	-200
90-PMA-153	1.5	20.8	-5	7.3	-100	0.8	0.9	-10	5.7	2	-1	32.02	3	150	-200
90-PMA-159	1.5	20.1	-5	7.4	-100	0.6	0.9	-10	6.2	2	1	32.8	4	200	-200
90-PMA-160	1.6	18	-5	6.8	-100	0.8	0.8	-10	5.2	2	-1	38.55	4	140	-200
90-PMA-161	1.3	22	-5	7.5	-100	0.8	0.8	-10	7.1	2.5	-1	36.95	3	-100	-200
90-PMA-165	1.7	18	-5	6.2	-100	0.7	0.7	-10	4.6	1.8	-1	34.24	3	110	210
90-PMA-169	1.1	20	-5	6.8	-100	0.8	0.9	-10	10	3.4	-1	29.88	4	140	-200
90-PMA-171	1.6	20	-5	7	-100	1	0.9	-10	12	5.1	3	34.17	4	170	330
90-PMA-172	1.2	18	-5	6.5	-100	0.5	0.8	-10	9.4	3.1	2	32.75	3	-100	270
90-PMA-175	1.2	19	-5	7.3	-100	0.8	0.8	-10	5.4	2.1	-1	35.99	3	100	-200
90-PMA-176	1.9	19	-5	6.4	-100	0.8	0.8	-10	5.3	2.2	1	34.73	3	200	260
90-PMA-178	3.3	25.5	-5	6.8	-100	0.8	0.8	-10	5.1	2	-1	32.94	3	190	280
90-PMA-182-1	1.6	24.2	-5	8.9	-100	1.1	1.1	-10	7.2	2.4	1	29.38	5	120	510
90-PMA-182-2	1.7	22.5	-5	8.4	-100	0.8	0.9	-10	7.2	2.3	-1	37.01	4	-100	-200
90-PMA-186	1.3	18	-5	6.6	-100	0.7	0.8	-10	6.2	2.1	-1	37.94	4	140	-200
90-PMA-188	1.4	17	-5	6.1	-100	0.8	0.7	-10	5.3	2	1	35.04	2	110	-200
90-PMA-189	2.3	19	-5	6.6	-100	1	0.8	-10	6	2.2	1	31.71	3	-100	310
90-PMA-195	1.7	19	-5	5.6	-100	0.8	0.6	-10	5	1.7	-1	34.31	3	130	-200
90-PMA-198	1.1	15	-5	5.3	-100	0.8	0.6	-10	4.9	2.1	-1	47.72	2	100	300

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
90-PMA-204	1.3	17	-5	5.8	-100	0.8	0.8	-10	4.8	1.9	-1	38.54	3	110	380
90-PMA-206	1.4	18	-5	5.1	-100	0.6	0.6	-10	4.9	2.1	-1	23.44	2	170	-200
90-PMA-210	1.5	18	-5	6	-100	0.6	0.7	-10	5.1	2	-1	37.63	3	140	-200
90-PMA-215	1.9	20	-5	5.6	-100	0.8	0.6	-10	4.6	2.2	-1	28.51	2	140	-200
90-PMA-218	1.5	22.7	-5	5.6	-100	0.7	0.6	-10	5.1	2	-1	23.49	3	200	270
90-PMA-220	1.4	19	-5	5.2	-100	0.5	0.7	-10	4.8	2	-1	25.65	3	170	250
90-PMA-223	1.3	21.8	-5	5.6	-100	0.6	0.8	-10	5.2	2	-1	28.29	3	120	-200
90-PMA-224	1.3	21.1	-5	5.6	-100	0.9	0.7	-10	5.1	1.9	-1	28.98	3	200	-200
90-PMA-226	1.2	19	-5	5.5	-100	0.5	0.9	-10	4.7	1.9	-1	35.76	3	130	-200
90-PMA-229	1.9	17	<5	7.2	<100	1	1	<10	6.3	2.5	<1	35.42	3	180	260
91-PMA-003	2.6	18	<5	7.1	<100	0.9	1.2	<10	6.5	2.8	<1	28.35	3	240	<200
91-PMA-007	6.3	19	<5	6.4	<100	0.8	0.8	<10	5.5	2	1	28.57	3	130	<200
91-PMA-009	5.6	16	<5	6.6	<100	1	1	<10	6.1	2.2	<1	32.36	3	140	<200
91-PMA-016	1.4	15	<5	7.4	<100	0.8	0.9	<10	6	2.5	1	32.34	3	150	<200
91-PMA-017	1.7	15	<5	7.2	<100	0.7	0.9	<10	6	2.4	<1	29.28	3	120	<200
91-PMA-019	1.2	14	<5	9	<100	0.9	1	<10	6.6	3	<1	43.74	3	120	230
91-PMA-023	1.7	14	<5	8.6	<100	1	1	<10	5.9	2.7	<1	32.03	2	130	<200
91-PMA-026	1.1	13	<5	7.9	<100	1	0.9	<10	6.2	2.5	1	43.85	2	100	270
91-PMA-027	1.2	14	<5	8.8	<100	1	1.1	<10	6.9	2.9	<1	35.29	3	<100	<200
91-PMA-028	0.7	16	<5	10	<100	1.3	0.8	<10	8	3	1	25.35	3	110	410
91-PMA-031	0.9	12	<5	6.9	<100	1.1	0.7	<10	5.5	2.5	<1	42.64	2	120	<200
91-PMA-038	1.7	19	<5	7.7	<100	0.7	1	<10	7.4	2.7	<1	34.81	3	150	<200
91-PMA-040	1.6	17	<5	7.7	<100	1	1	<10	6.9	2.9	1	28.58	2	140	<200
91-PMA-041	1.5	15	<5	7.6	<100	0.9	0.9	<10	6.5	2.6	1	39.83	2	150	250
91-PMA-042	1	15	<5	9	<100	1.2	1	<10	8.1	2.7	1	33.36	3	150	470
91-PMA-046	1.8	18	<5	6.6	<100	0.9	1	<10	6.3	2.8	1	25.43	3	180	<200
91-PMA-049	1.6	18	<5	6.5	<100	0.8	0.9	<10	6.2	2.7	1	26.52	3	190	<200
91-PMA-053	1.6	15	<5	8.4	<100	1.2	1.2	<10	6.4	2.8	1	31.87	3	150	480
91-PMA-054	2	15	<5	9.2	<100	0.9	1.1	<10	6.2	3.1	1	34.98	3	150	<200
91-PMA-058	1.9	16	<5	7.1	<100	0.8	1	<10	5	2.1	<1	34.94	3	120	280
91-PMA-059	1.8	17	<5	6.8	<100	0.8	1	<10	5	2.2	<1	36.42	2	120	210
91-PMA-060	2.1	21	<5	8	<100	0.8	1.1	<10	5.6	2.4	1	33.15	3	140	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-063	2	19	<5	7.1	<100	0.8	1.1	<10	5.4	2.4	<1	29.22	3	150	<200
91-PMA-064	2.1	19	<5	7.9	<100	0.7	1	<10	5.1	2.3	<1	33.85	3	140	<200
91-PMA-065	2	16	<5	6.6	<100	0.8	0.8	<10	6	2.9	<1	31.72	2	230	240
91-PMA-068	1.6	16	<5	6	<100	0.7	0.7	<10	4.7	2.1	<1	20.88	2	130	240
91-PMA-069-1	1.9	18	<5	7.2	<100	0.7	0.9	<10	5.6	2.4	<1	31.65	2	150	<200
91-PMA-069-2	1.9	18	<5	7.6	<100	0.8	1.1	<10	5.2	2.3	1	29.16	3	130	<200
91-PMA-070	1.9	17	<5	6.8	<100	0.7	0.7	<10	5.2	2.5	<1	26.54	2	200	<200
91-PMA-071	1.8	18	<5	8.5	<100	0.6	0.9	<10	5.5	2.4	<1	36.39	3	<100	<200
91-PMA-073-1	1.9	16	<5	7.2	<100	0.8	0.9	<10	5.6	2.3	<1	33.04	2	<100	<200
91-PMA-073-2	1.8	15	<5	7.1	<100	0.8	0.6	<10	5.5	2.2	<1	31.57	2	<100	<200
91-PMA-073-3	1.8	17	<5	6.8	<100	0.8	0.8	<10	5.7	2.2	<1	21.69	2	<100	400
91-PMA-073-4	1.6	16	<5	5.9	<100	0.7	0.9	<10	4.4	1.9	<1	36.07	2	<100	<200
91-PMA-074	2	19	<5	7.3	<100	1.1	1.1	<10	5.2	2.3	<1	33.94	3	<100	<200
91-PMA-075	1.8	16	<5	6.8	<100	0.8	0.9	<10	4.9	2.1	<1	39.71	2	140	240
91-PMA-079	2.1	18	<5	7.1	<100	0.7	1.1	<10	5.3	2.3	<1	33.21	3	160	<200
91-PMA-080	1.5	22.8	<5	8.5	<100	0.6	1.1	<10	6.2	2.7	<1	30.57	3	140	270
91-PMA-081	1.7	18	<5	8.4	<100	0.7	1	<10	5.4	2.4	1	30.63	3	190	<200
91-PMA-082-1	1.2	18	<5	10	<100	0.8	0.9	<10	5.5	2.2	<1	33.77	3	<100	<200
91-PMA-082-2	1.6	19	<5	9.3	<100	0.8	1	<10	5.8	2	<1	22.89	3	190	310
91-PMA-083-1	2.2	17	<5	6	<100	0.8	0.9	<10	4.7	2.3	2	24.33	2	190	220
91-PMA-083-2	2.3	16	<5	6.4	<100	0.8	0.9	<10	4.3	2	1	34.94	3	140	<200
91-PMA-085-1	2.3	19	<5	5.8	<100	0.5	0.8	<10	4	2.2	2	29.05	3	240	270
91-PMA-085-2	2.4	19	<5	5.7	<100	0.6	0.7	<10	3.8	2	1	28.07	2	280	<200
91-PMA-086	2.9	26.2	<5	8.4	<100	1	1	<10	5.7	2.6	2	28.76	4	320	<200
91-PMA-089	1.8	18	<5	6.3	<100	1	0.8	<10	6.2	2.9	1	14.95	3	140	<200
91-PMA-090	2.2	16	<5	7.3	<100	1.1	1.2	<10	5.3	2.6	<1	28.5	3	170	<200
91-PMA-092	1.6	18	<5	6.1	<100	0.8	0.9	<10	5.4	2.4	<1	24.78	2	170	220
91-PMA-093	1.8	20	<5	6.8	<100	0.8	1	<10	6.3	2.8	<1	27.28	3	190	<200
91-PMA-094-1	1.4	15	<5	6.8	<100	0.8	0.8	<10	5.6	2.5	1	27.8	3	110	<200
91-PMA-096	1.4	15	<5	6	<100	0.9	0.9	<10	5.2	2.3	1	30.91	3	<100	<200
91-PMA-097	1.6	16	<5	7.1	<100	0.9	0.9	<10	5	2.5	1	37.04	3	<100	<200
91-PMA-098	7.4	16	<5	6.3	<100	1.4	0.6	<10	4.6	2.4	6	39.79	2	150	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-103-1	3.7	16	<5	5.4	<100	0.9	0.8	<10	4.9	2	<1	23.59	2	120	<200
91-PMA-103-2	3.4	18	<5	5.3	<100	0.7	0.6	<10	5.2	2	<1	22.43	2	150	<200
91-PMA-104	3	19	<5	5.1	<100	0.7	0.7	<10	4.9	1.9	<1	27.75	2	120	<200
91-PMA-105	2.7	20.7	<5	7.1	<100	0.9	1	<10	5.7	2.5	1	28.11	4	160	390
91-PMA-106	1.8	15	<5	7.2	<100	0.9	0.9	<10	5.2	2.5	1	25	2	110	240
91-PMA-107	1.9	17	<5	7.4	<100	0.9	1	<10	6.7	2.8	1	23.99	3	190	<200
91-PMA-108	1.5	13	<5	6.1	<100	0.9	0.7	<10	5.1	2	<1	26.53	3	<100	250
91-PMA-110	3.3	15	<5	6.7	<100	0.7	0.8	<10	5.4	2.2	<1	29.84	2	140	210
91-PMA-112	1.5	16	<5	6.9	<100	0.8	0.7	<10	5.7	2.6	<1	33.42	3	130	220
91-PMA-115	2.2	17	<5	6	<100	0.8	0.8	<10	5.3	2.3	<1	25.71	2	190	<200
91-PMA-117	2.4	15	<5	5.8	<100	0.7	0.9	<10	4.3	2.2	1	28.87	2	160	260
91-PMA-118	2	14	<5	5.7	<100	0.8	0.7	<10	4.5	2.1	<1	27.44	2	160	<200
91-PMA-119	2.2	17	<5	5.7	<100	0.8	0.6	<10	4.7	2.2	<1	37.79	3	170	<200
91-PMA-121	2.6	16	<5	4.1	<100	<0.5	0.5	<10	3.5	2.2	<1	24.15	2	230	<200
91-PMA-123	1.7	16	<5	6.5	<100	0.6	0.8	<10	5.4	2.4	<1	40.79	3	120	280
91-PMA-125	3.4	15	<5	5	<100	0.6	0.6	<10	4.4	2.5	1	15.1	2	300	<200
91-PMA-126	2.5	17	<5	6.9	<100	0.9	0.8	<10	6.1	2.3	1	26.67	2	180	220
91-PMA-128	1.5	18	<5	6.1	<100	0.9	0.8	<10	5.7	2.5	<1	18.16	2	120	220
91-PMA-129	5.3	18	<5	5.9	<100	0.8	0.8	<10	5.2	2.5	1	18.86	2	270	<200
91-PMA-131	2.9	18	<5	6.5	<100	0.7	0.9	<10	5.7	2.5	<1	28.84	2	200	<200
91-PMA-132	2.2	16	<5	5.7	<100	0.8	0.9	<10	4.8	2.3	1	32	2	210	<200
91-PMA-133	2	16	<5	5.8	<100	<0.5	0.8	<10	4.8	2.2	<1	21.84	2	200	<200
91-PMA-135	2.6	16	<5	6.2	<100	0.9	0.9	<10	5	2.1	1	27.04	2	200	<200
91-PMA-137	1.6	16	<5	5.7	<100	0.9	0.7	<10	5.2	2.2	1	19.74	2	150	<200
91-PMA-138	1.6	18	<5	5.9	<100	0.8	0.7	<10	5.1	2.1	<1	31.22	2	160	<200
91-PMA-139	1.3	19	<5	6.1	<100	0.6	0.9	<10	5.3	2.1	<1	33.35	3	120	<200
91-PMA-140	1.5	20.6	<5	6.9	<100	0.6	0.9	<10	5.6	2.3	<1	28.87	3	120	<200
91-PMA-144	2.1	18	<5	6.4	<100	0.8	0.7	<10	5.3	2.2	<1	28.44	2	250	320
91-PMA-147	2.2	19	<5	6	<100	0.6	0.9	<10	5.4	2.1	1	28.31	2	100	250
91-PMA-148	2.2	19	<5	5.7	<100	0.5	0.8	<10	5.6	2	<1	20.09	3	220	<200
91-PMA-149	2	17	<5	6.6	<100	1	0.8	<10	6	2.2	<1	32.39	2	120	220
91-PMA-150-1	2.4	16	<5	6.1	<100	0.6	1	<10	5.1	2.3	<1	29.85	2	110	290

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-150-2	3	16	<5	5.8	<100	0.7	0.8	<10	5	2.3	1	25.75	3	120	<200
91-PMA-150-3	2.8	15	<5	5.9	<100	0.9	0.8	<10	4.8	2.1	1	30.12	2	120	<200
91-PMA-150-4	3.1	17	<5	6	<100	0.7	0.9	<10	5.2	2.3	1	27.53	2	<100	<200
91-PMA-150-5	3	17	<5	6.1	<100	0.9	0.9	<10	5	2	<1	29.11	2	150	220
91-PMA-153	2.7	18	<5	5.7	<100	0.6	0.8	<10	5.2	1.9	<1	26.01	2	160	320
91-PMA-154	2.8	19	<5	5.9	<100	0.7	0.9	<10	4.9	2.1	<1	28.6	2	190	<200
91-PMA-156	5	20	<5	6.4	<100	0.8	0.9	<10	5.4	2.2	<1	33.81	3	160	<200
91-PMA-157	2.1	16	<5	6.3	<100	0.8	0.8	<10	5.3	2	<1	29	2	110	<200
91-PMA-158	2.3	17	<5	6.6	<100	0.8	0.9	<10	6	2.4	1	32.77	3	160	<200
91-PMA-159	3.8	18	<5	6.6	<100	0.8	0.9	<10	5.6	2.4	1	34.96	2	230	<200
91-PMA-160	4	17	<5	6	<100	0.6	0.9	<10	5.1	2.3	<1	31.41	2	150	220
91-PMA-161	2	19	<5	6.8	<100	0.8	0.9	<10	5.6	2.2	<1	26.13	3	110	<200
91-PMA-162	2.3	16	<5	5.8	<100	0.7	0.9	<10	4.6	2	1	31.18	2	110	<200
91-PMA-164	2.2	17	<5	5.7	<100	0.5	0.7	<10	4.4	2	<1	24.29	3	130	270
91-PMA-165	2.5	17	<5	6.3	<100	0.8	1	<10	5.2	2.2	<1	28.24	2	<100	200
91-PMA-166	2.4	18	<5	6	<100	0.6	0.9	<10	5	2.1	<1	34.36	2	150	<200
91-PMA-167	2	16	<5	4.7	<100	<0.5	0.5	<10	3.5	1.6	<1	46.77	2	110	<200
91-PMA-172	3.8	23	<5	6.8	<100	0.7	1	<10	5.3	2.1	<1	35.56	2	190	<200
91-PMA-173	4.7	22.7	<5	7	<100	0.8	1	<10	4.9	2	1	38.15	4	220	<200
91-PMA-174-1	2.4	18	<5	6.2	<100	0.8	0.9	<10	5.3	2	1	33.56	2	140	<200
91-PMA-174-2	2.3	18	<5	6	<100	<0.5	0.9	<10	5.1	2	<1	31.13	2	120	<200
91-PMA-175	2.3	17	<5	6	<100	0.9	0.8	<10	4.9	2.2	1	32.13	2	160	<200
91-PMA-176	2.4	17	<5	6	<100	0.6	0.8	<10	5	2.1	1	34.9	2	160	230
91-PMA-178	2.4	18	<5	5.9	<100	0.6	0.9	<10	5.3	2.2	1	25.02	2	120	<200
91-PMA-179	2.6	18	<5	5.8	<100	0.7	0.8	<10	5.2	2.2	1	33.87	2	<100	320
91-PMA-180	2.6	18	<5	5.9	<100	0.7	0.8	<10	5.4	2	1	29.94	2	110	260
91-PMA-181	2.2	18	<5	5.7	<100	0.6	0.9	<10	5.2	2	<1	28.32	2	200	220
91-PMA-182	2	17	<5	5.2	<100	0.7	0.9	<10	4.7	1.7	<1	28.53	2	140	320
91-PMA-183	3.3	20	<5	7.4	<100	1	0.9	<10	6.8	2.5	2	34.3	3	160	<200
91-PMA-185	2.7	20.5	<5	6.5	<100	0.8	1.1	<10	4.8	2.1	1	28.81	3	150	<200
91-PMA-186	2.4	17	<5	6.3	<100	0.8	0.9	<10	4.2	2	<1	46.27	2	150	430
91-PMA-188	2.1	18	<5	6.3	<100	0.8	0.9	<10	4.1	2.1	<1	39	3	<100	220

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-189	2.4	19	<5	6.5	<100	0.5	0.8	<10	4.4	2	1	34.36	3	110	<200
91-PMA-190	2.9	20	<5	7.5	<100	0.8	0.9	11	5.9	2.5	1	30.48	3	150	<200
91-PMA-191	2.6	19	<5	6.9	<100	0.6	0.8	<10	4.9	2	1	28.71	2	110	310
91-PMA-192	2.1	17	<5	5.8	<100	0.6	0.8	<10	4.3	1.9	1	28.48	2	130	<200
91-PMA-194	2.1	15	<5	7.4	<100	1.1	0.9	<10	6.3	2.4	<1	33.98	3	<100	230
91-PMA-195	2.2	17	<5	6.2	<100	0.6	0.8	<10	5.3	2.1	<1	31.82	2	160	<200
91-PMA-196	2	16	<5	6	<100	0.7	0.8	<10	5.1	2.1	<1	29.94	2	160	<200
91-PMA-197	2.3	19	<5	6	<100	0.6	0.8	<10	4.9	2.1	1	32.02	3	150	<200
91-PMA-198	2.3	20.5	<5	6.4	<100	0.7	0.9	<10	5.8	2	1	27.92	2	180	290
91-PMA-199	2	19	<5	5.5	<100	0.7	0.7	<10	4.1	2.1	<1	36	2	<100	320
91-PMA-200	2.4	22.8	<5	6.9	<100	1	1	<10	5.9	2.2	1	25.69	3	<100	<200
91-PMA-201	1.9	18	<5	6.9	<100	0.9	0.8	<10	6.8	2.5	<1	38.44	3	120	<200
91-PMA-202	1.9	18	<5	6.2	<100	0.9	0.9	<10	5.6	2.1	1	43.53	2	110	<200
91-PMA-205-1	2.4	18	<5	6.2	<100	0.6	0.9	<10	5.7	2.1	1	29.2	2	200	<200
91-PMA-205-2	2.5	19	<5	6.7	<100	0.8	0.8	<10	5.7	2.1	1	30.23	2	150	<200
91-PMA-205-3	2.3	18	<5	6.2	<100	1	0.7	<10	5.5	2	<1	28.41	2	140	<200
91-PMA-206	2	16	<5	5.7	<100	0.8	0.8	<10	4.9	1.9	1	39.06	2	110	220
91-PMA-207	1.9	17	<5	5.6	<100	0.5	0.8	<10	3.9	1.7	1	43.28	2	<100	<200
91-PMA-208	1.9	17	<5	5.1	<100	0.5	0.7	<10	3.7	1.6	1	39.73	2	<100	<200
91-PMA-209	2.1	20.7	<5	7.3	<100	0.9	0.9	<10	5.5	2.4	<1	44.4	3	160	340
91-PMA-210-1	1.6	16	<5	6.2	<100	0.6	0.7	<10	4.7	2	1	48.66	2	<100	240
91-PMA-210-2	1.5	15	<5	6.1	<100	0.7	0.8	<10	4.6	2.2	1	48.31	2	<100	250
91-PMA-210-3	1.7	16	<5	6.4	<100	<0.5	0.8	<10	4.8	2.2	<1	48.88	3	<100	<200
91-PMA-212	1.8	16	<5	6.2	<100	0.7	0.8	<10	4.4	2.3	1	34.76	3	<100	<200
91-PMA-214	2.1	17	<5	6.4	<100	0.6	0.8	<10	5.3	2.2	1	23.37	2	<100	<200
91-PMA-215	1.9	16	<5	6.1	<100	1	0.8	<10	4.6	2.1	1	46.29	3	<100	230
91-PMA-217	2.1	16	<5	5.8	<100	0.7	0.7	<10	4.7	2.3	<1	26.84	2	100	250
91-PMA-218	1.9	16	<5	5.8	<100	0.8	0.8	<10	4.9	2.3	1	47.98	2	<100	250
91-PMA-224	1.8	18	<5	6.5	<100	0.8	0.8	<10	7.6	2.6	<1	38.85	2	110	<200
91-PMA-228	1.4	20.8	<5	5.7	<100	0.9	0.9	<10	5.2	2	1	35.2	3	<100	<200
91-PMA-229	1.5	20	<5	5.5	<100	0.9	0.7	<10	9.1	2.4	<1	26.8	2	<100	<200
91-PMA-230	1.7	22.4	<5	6.4	<100	0.9	0.8	<10	11	2.8	1	33.46	2	190	400

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-231	1.9	18	<5	5.9	<100	0.7	0.9	<10	4.9	2.1	1	43.03	2	<100	<200
91-PMA-232	2	17	<5	5.9	<100	0.8	0.6	<10	5.3	2.4	<1	42.82	2	<100	240
91-PMA-233	2.1	19	<5	5.7	<100	0.7	0.9	<10	5.4	2.8	<1	43.57	3	<100	210
91-PMA-235	1.5	20	<5	6.2	<100	1	1	<10	4.6	2.3	<1	36.1	3	<100	390
91-PMA-238	0.9	23.8	<5	6.2	<100	0.9	0.9	<10	4	1.7	<1	38.73	3	140	<200
91-PMA-239-1	2	18	<5	5.8	<100	1	0.9	<10	6.8	2.2	<1	31.57	2	<100	320
91-PMA-239-2	2.7	19	<5	5.7	<100	0.9	0.8	<10	6.3	2.1	1	33.31	2	120	210
91-PMA-239-3	3	20.2	<5	5.3	<100	0.9	0.8	<10	5.7	2	1	24.73	2	160	<200
91-PMA-239-4	3	19	<5	5.4	<100	0.7	0.7	<10	6	2	2	24.78	2	120	270
91-PMA-240	2.7	20.6	<5	4.7	<100	0.7	0.6	<10	5.1	1.7	<1	25.17	2	150	<200
91-PMA-241	2.8	20	<5	5.7	<100	0.9	0.7	<10	5.4	2.3	1	32.9	2	140	<200
91-PMA-242	1.9	23.5	<5	6.4	<100	1	0.9	<10	6.8	2.3	1	30.15	2	160	280
91-PMA-245	2.1	18	<5	6	<100	0.9	0.9	<10	7	2.5	1	35.49	3	130	<200
91-PMA-249	2.7	17	<5	7.7	<100	1.8	0.9	<10	11	3.7	1	37.98	3	150	<200
91-PMA-250	2.8	19	<5	6.7	<100	1.6	0.9	<10	12	5.1	2	32.48	3	<100	240
91-PMA-252	3.2	18	<5	6	<100	1.4	0.8	<10	8.5	3.2	1	36.41	3	<100	250
91-PMA-253	3.1	18	<5	6	<100	1.3	0.9	<10	8.9	3.1	1	33.14	3	100	320
91-PMA-256	3.1	18	<5	6	<100	0.8	0.8	<10	6.7	2.5	1	35.31	3	170	<200
91-PMA-259	3.1	19	<5	5.6	<100	0.6	0.5	<10	6.3	2.1	1	17.71	2	<100	<200
91-PMA-260	2.3	19	<5	6.2	<100	0.8	0.6	<10	8	3.2	1	29.28	2	210	<200
91-PMA-261	1.9	16	<5	5.2	<100	0.8	0.7	<10	6.8	1.9	1	34.95	2	110	<200
91-PMA-262	1.6	17	<5	6.5	<100	0.8	1	<10	6	2.2	<1	32.68	2	120	320
91-PMA-264-1	3.1	16	<5	5.3	<100	1	0.6	<10	4	2.2	1	47.63	2	<100	310
91-PMA-264-2	3.4	17	<5	5.7	<100	0.9	0.8	<10	4.4	2.5	1	41.01	2	<100	<200
91-PMA-264-3	4	18	<5	5.2	<100	0.5	0.8	<10	4.4	2.1	2	32.92	2	<100	<200
91-PMA-265-1	1.5	13	<5	5.3	<100	0.7	0.7	<10	5.5	2.2	1	16	2	<100	210
91-PMA-265-2	2.1	14	<5	5.8	<100	1	0.5	<10	6.5	2.7	2	35.85	2	<100	<200
91-PMA-266-1	2.1	15	<5	5.9	<100	0.7	0.7	<10	5.5	2.2	1	39.78	2	<100	310
91-PMA-266-2	2.1	15	<5	5.8	<100	0.9	0.7	<10	5.6	2.3	1	34.33	2	120	<200
91-PMA-266-3	2.1	16	<5	6.1	<100	1	0.9	<10	5.8	2.3	1	23.32	2	<100	<200
91-PMA-266-4	1.9	13	<5	5.5	<100	0.6	0.6	<10	4.8	1.9	2	47.01	2	<100	<200
91-PMA-266-5	2.4	16	<5	6.2	<100	0.8	0.9	<10	6	2.5	<1	35.68	2	120	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-269	10.4	20.3	<5	4.9	<100	0.6	0.6	<10	4.6	2	1	35.43	2	<100	<200
91-PMA-270	2	20.4	<5	6.7	<100	1.1	0.8	<10	7.1	2.9	<1	31	3	120	380
91-PMA-271	1.9	19	<5	6.6	<100	1.1	1	<10	7.1	2.6	1	34.37	2	120	<200
91-PMA-272	1.6	22.2	<5	5.9	<100	1	0.6	<10	5.6	2.3	1	42.55	2	<100	250
91-PMA-273	1.7	18	<5	6.7	<100	0.8	1	<10	7	2.6	2	41.49	2	<100	<200
91-PMA-274	1.7	18	<5	7	<100	1	0.9	<10	7.3	2.5	1	42	3	150	390
91-PMA-275	2.1	19	<5	6.6	<100	0.8	1	<10	6.8	2.3	<1	40.86	2	110	<200
91-PMA-276-1	2.1	18	<5	4.9	<100	0.7	0.8	<10	5	2.2	1	40.12	2	<100	<200
91-PMA-276-2	2.1	19	<5	5.3	<100	0.7	0.7	<10	5.2	2.3	1	31.34	2	100	<200
91-PMA-277-3	5.2	24.5	7	5.1	<100	0.7	0.5	<10	6	2.8	2	26.88	1	140	<200
91-PMA-278	3.9	19	<5	3.6	<100	<0.5	0.6	<10	2.9	1.3	<1	12.66	2	300	<200
91-PMA-280-1	2.2	17	<5	5.5	<100	0.8	0.6	<10	5.8	2.4	1	37.21	2	130	210
91-PMA-280-2	1.9	16	<5	5.3	<100	0.7	0.6	<10	5.2	1.9	1	40.5	2	<100	<200
91-PMA-281	2	21.3	<5	6.6	<100	1.2	0.9	<10	11	3.2	<1	28.09	2	120	280
91-PMA-295	1.9	20	<5	6.1	<100	1	0.6	<10	6.8	2.2	1	30.75	2	<100	310
91-PMA-296	1.8	20.6	<5	5.9	<100	0.7	0.8	<10	5.6	1.9	<1	42.37	2	160	240
91-PMA-297	2	22.3	<5	6.2	<100	0.9	0.8	<10	6.1	2	2	33.69	2	150	<200
91-PMA-298-1	2.3	18	<5	10.7	<100	1.8	1.3	<10	16	4.5	2	33.47	3	190	350
91-PMA-298-2	1.8	21.6	<5	7	<100	0.6	0.9	<10	6.5	2.4	<1	34.08	3	150	<200
91-PMA-299	3.4	16	<5	5.9	<100	0.7	0.8	<10	5.8	2.6	<1	44.44	2	120	<200
91-PMA-306-3	1.2	13	<5	5.9	<100	0.6	0.8	<10	4.3	2.2	<1	41.38	2	<100	<200
91-PMA-307	2.4	17	<5	5.9	<100	1.1	0.8	<10	6.9	2.9	<1	36.73	2	<100	<200
91-PMA-308	2.3	17	<5	5.6	<100	0.6	0.9	<10	6.1	2.9	1	30.69	2	<100	250
91-PMA-309	1.8	23.2	<5	6.1	<100	0.8	1	<10	5.7	2.5	1	27.62	2	110	<200
91-PMA-310	5.3	23.2	<5	5.1	<100	0.7	0.9	<10	6.4	3.6	2	23.92	2	290	240
91-PMA-311	5	20.5	<5	4.9	<100	1	0.9	<10	6.8	3.7	2	28.73	1	320	280
91-PMA-312	2.2	15	<5	4.3	<100	0.7	0.8	<10	6	2.2	<1	24.18	1	<100	<200
91-PMA-314-1	2	15	<5	4.7	<100	0.8	1	<10	6.3	2.6	<1	37.27	1	<100	<200
91-PMA-314-2	2	15	<5	4.6	<100	0.8	0.8	<10	5.9	2.4	1	34.56	1	<100	<200
91-PMA-314-3	2	15	<5	4.7	<100	0.8	0.7	<10	7	2.6	1	28.47	1	120	<200
91-PMA-315	1.7	13	<5	4	<100	0.7	0.6	<10	5.4	2.1	1	44.92	1	<100	<200
91-PMA-316	1.4	19	<5	4.8	<100	1	0.9	<10	8.2	2.8	<1	39.72	1	<100	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-319	1.8	21.2	<5	5.6	<100	0.9	1.2	<10	4.6	2.5	<1	34.29	1	180	<200
91-PMA-320	1.8	20.4	<5	4.9	<100	<0.5	1	<10	4.8	2.6	<1	23.11	1	110	<200
91-PMA-321	0.9	14	<5	4.5	<100	1.1	0.7	<10	8.4	2.9	<1	43.65	1	<100	<200
91-PMA-322	1.4	20	<5	4.2	<100	0.8	0.6	<10	5.8	2.5	<1	35.01	1	100	<200
91-PMA-323-1	3.3	18	<5	5	<100	0.9	0.9	<10	6.8	2.5	<1	32.88	2	120	<200
91-PMA-323-2	3.3	17	<5	5	<100	1	0.7	<10	7.2	2.6	<1	26.63	1	120	<200
91-PMA-324	2.5	17	<5	5.4	<100	1.2	0.7	<10	8.6	2.9	1	34.47	1	120	210
91-PMA-325	1.5	14	<5	4.5	<100	0.8	0.7	<10	6.1	2.6	<1	33.85	<1	<100	210
91-PMA-326	1.6	15	<5	4.6	<100	1	0.9	<10	6.3	2.3	<1	33.15	1	130	<200
91-PMA-327	2.7	18	<5	5.6	<100	0.9	0.8	<10	6	2.8	<1	37.28	1	<100	<200
91-PMA-328-1	1.9	14	<5	4.4	<100	0.8	0.8	<10	7	2.3	1	32.39	1	<100	<200
91-PMA-328-2	1.8	13	<5	4.2	<100	0.9	0.7	<10	6.7	2.5	2	38.48	1	<100	<200
91-PMA-328-3	1.9	13	<5	4.1	<100	0.6	0.6	<10	6.8	2.5	1	38.48	<1	120	<200
91-PMA-328-4	1.8	13	<5	4.1	<100	0.6	0.7	<10	6.3	2.4	1	39.81	1	<100	<200
91-PMA-329-1	1	16	<5	3.7	<100	1.1	<0.5	<10	10	3.1	2	24.89	1	<100	<200
91-PMA-329-2	1.3	19	<5	4.6	<100	1.1	0.8	<10	12	3.8	2	30.54	1	<100	270
91-PMA-329-3	1.3	17	<5	4.6	<100	1.1	0.8	<10	12	3.6	1	26.37	1	<100	<200
91-PMA-329-4	1.4	17	<5	4.8	<100	1	0.9	<10	12	3.6	<1	30.51	1	110	<200
91-PMA-330-1	1.8	10	<5	3.2	<100	0.8	0.5	<10	3.8	1.7	1	32.03	1	<100	<200
91-PMA-330-2	2.5	13	<5	4	<100	0.9	0.5	<10	5.8	2.2	2	34.91	1	<100	<200
91-PMA-331-1	2.5	17	<5	5	<100	1.2	0.7	<10	8.6	2.8	1	28.33	1	140	<200
91-PMA-331-2	2.5	17	<5	5.1	<100	1	0.8	<10	8.7	2.7	<1	40.41	1	130	<200
91-PMA-332	2.4	16	<5	4.7	<100	0.7	0.6	<10	8.3	2.5	2	22.52	1	<100	<200
91-PMA-333-1	1.9	17	<5	5.2	<100	1	0.9	<10	10	2.6	<1	33.1	1	130	<200
91-PMA-333-2	2.1	17	<5	5.5	<100	1	0.6	<10	10	3	1	33.21	1	100	<200
91-PMA-338	4.3	18	<5	6.4	<100	1.1	0.8	<10	10	3.6	1	33.19	2	230	<200
91-PMA-339	4.7	18	<5	6	<100	1	0.9	<10	10	3.4	2	27.72	2	260	<200
91-PMA-340	3.1	19	<5	8.1	<100	1.6	1.3	<10	14	4.4	2	32.87	2	160	<200
91-PMA-341	2.3	19	<5	8.8	<100	1.8	1	<10	16	4.5	3	34.89	2	130	<200
91-PMA-342	2.8	32.1	<5	6.1	<100	0.8	1.2	<10	7.2	2.2	<1	32.35	2	110	<200
91-PMA-344-1	1.6	25	<5	3.5	<100	<0.5	0.8	<10	4.4	1.2	1	20.48	1	<100	<200
91-PMA-344-2	1.8	26.9	<5	3.9	<100	<0.5	0.7	<10	4.7	1.8	<1	24.77	1	130	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-344-3	1.9	26	<5	3.7	<100	0.6	0.6	<10	4.1	1.5	<1	18.26	1	<100	<200
91-PMA-345	1.9	24.8	<5	3.5	<100	0.6	0.6	<10	4.2	1.6	<1	21.87	<1	<100	<200
91-PMA-346-1	3	18	<5	5.7	<100	0.9	0.9	<10	9.4	2.7	1	27.34	1	110	<200
91-PMA-346-2	2.4	21.5	<5	5.4	<100	0.7	0.9	<10	7.3	2.1	<1	26.85	1	<100	<200
91-PMA-347	3	18	<5	5.6	<100	1	0.9	<10	9.2	2.6	<1	25.04	1	<100	<200
91-PMA-348-1	1.4	15	<5	6.7	<100	1.3	0.9	<10	12	2.9	2	38.92	2	<100	<200
91-PMA-348-2	1.4	16	<5	8	<100	1.9	1.2	<10	14	3.8	2	37.17	1	<100	<200
91-PMA-348-3	2	19	<5	7	<100	1.8	0.9	<10	14	3.4	2	29.6	1	130	<200
91-PMA-348-4	1.7	16	<5	7.6	<100	1.8	0.9	<10	15	3.6	3	31.99	2	110	<200
91-PMA-348-5	1.7	17	<5	8.8	<100	1.9	1.3	<10	17	4.4	2	36.68	2	170	280
91-PMA-348-6	1.8	17	<5	9.3	<100	1.9	1.4	<10	21.5	4.2	2	31.81	2	100	<200
91-PMA-349-1	4.6	17	<5	7	<100	1.1	1.2	<10	11	4.7	3	29.86	2	220	<200
91-PMA-349-2	6.5	16	<5	7.4	<100	1.3	0.9	<10	12	5.4	1	29.15	2	230	300
91-PMA-349-3	5.3	18	<5	8	<100	1.3	1.1	<10	13	4	2	39.55	2	220	<200
91-PMA-352	0.8	15	<5	8.4	<100	1.5	1.3	<10	16	3.7	3	30.18	2	<100	250
91-PMA-353	0.7	13	<5	8	<100	1.7	1	<10	15	3.5	3	23.39	2	<100	250
91-PMA-354	2	16	<5	9.2	<100	1.4	1.2	<10	17	4.5	1	35.38	2	150	330
91-PMA-355	1.9	17	<5	9.2	<100	1.5	1.2	<10	17	4.5	<1	33	2	140	230
91-PMA-356-1	2.4	19	<5	4.9	<100	0.7	0.8	<10	5.8	2.3	2	33.52	1	130	230
91-PMA-356-2	1.8	21.5	<5	3.7	<100	0.5	0.8	<10	3.5	1.6	<1	31.15	1	130	<200
91-PMA-356-3	2.1	18	<5	4.6	<100	0.6	0.9	<10	5.2	2.3	<1	43.15	1	130	<200
91-PMA-356-4	2.1	18	<5	4	<100	0.8	0.6	<10	3.8	1.6	1	27.89	1	<100	<200
91-PMA-356-5	1.4	17	<5	3.6	<100	0.6	0.7	<10	2.7	1.4	<1	32.24	1	<100	<200
91-PMA-356-6	1.8	17	<5	4.3	<100	<0.5	0.9	<10	4.5	2	<1	39.46	1	<100	<200
91-PMA-356-7	1.3	16	<5	3.3	<100	<0.5	0.6	<10	2.6	1.2	<1	28.14	<1	<100	<200
91-PMA-356-8	2.2	16	<5	3.9	<100	0.5	0.7	<10	3.9	1.8	1	36.36	1	<100	<200
91-PMA-356-9	1.7	20	<5	4	<100	0.7	0.6	<10	3.5	1.7	1	32.84	1	<100	<200
91-PMA-356-10	1.9	20.1	<5	3.6	<100	0.5	0.5	<10	3.2	1.5	<1	28.85	1	<100	<200
91-PMA-356-11	1.6	20	<5	3.6	<100	0.5	0.6	<10	4.1	1.8	<1	34.19	1	<100	<200
91-PMA-356-12	2.3	20.8	<5	3.8	<100	<0.5	0.8	<10	3.4	1.7	1	33.49	1	<100	280
91-PMA-356-13	2.3	23.5	<5	3.6	<100	<0.5	0.8	<10	3.4	1.7	<1	29.49	1	<100	<200
91-PMA-356-14	1.6	20	<5	4	<100	0.7	0.5	<10	3.4	1.6	2	29.34	1	110	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-356-15	1.7	20.4	<5	4	<100	<0.5	0.7	<10	3.5	1.8	1	40.19	1	130	<200
91-PMA-356-16	1.9	16	<5	4.2	<100	0.7	0.6	<10	4	2.1	2	36.93	1	<100	<200
91-PMA-356-17	2.3	17	<5	3.4	<100	<0.5	0.7	<10	3.4	1.9	1	25.11	1	110	240
91-PMA-356-18	2.4	19	<5	3.6	<100	<0.5	0.6	<10	3.6	1.7	<1	24.74	1	<100	<200
91-PMA-356-19	1.9	17	<5	3.9	<100	0.6	0.9	<10	4.7	2.5	<1	24.16	1	<100	<200
91-PMA-356-20	2.3	18	<5	4	<100	0.6	0.7	<10	4.4	2	1	24.67	1	100	220
91-PMA-358	2.2	17	<5	9.1	<100	1.4	1.4	<10	17	3.8	<1	34.45	2	<100	230
91-PMA-359	1.7	17	<5	8.6	<100	1.3	1.2	<10	16	3.7	1	25.09	2	<100	<200
91-PMA-362	1.7	19	<5	4.5	<100	0.7	0.8	<10	5	1.9	<1	25.11	1	<100	<200
91-PMA-363	1.8	19	<5	4.5	<100	0.6	0.8	<10	5.1	2	1	21.84	1	<100	220
91-PMA-364	2.3	18	<5	5.4	<100	0.9	0.9	<10	7.8	2.5	1	38.23	1	<100	<200
91-PMA-365	4.8	12	<5	4.1	<100	0.7	0.7	<10	5	2.8	1	25.27	1	<100	<200
91-PMA-366	5	13	<5	4.3	<100	0.6	0.6	<10	4.8	2.9	2	29.91	1	<100	<200
91-PMA-367-1	1.2	14	<5	7.1	<100	1.4	0.9	<10	16	4.1	<1	24.23	1	<100	280
91-PMA-367-2	1.5	16	<5	7.2	<100	1.4	0.8	<10	16	4	1	30.59	1	110	<200
91-PMA-368	1.2	14	<5	7.3	<100	1.5	0.9	<10	17	4.1	<1	24.95	1	140	<200
91-PMA-370-1	2.5	14	<5	6.9	<100	1.5	0.9	<10	13	3.8	2	32.74	1	140	<200
91-PMA-370-2	2.5	15	<5	7.3	<100	1.4	1.1	<10	14	4.3	1	32.58	1	120	210
91-PMA-370-3	2.4	14	<5	6.7	<100	1.3	1	<10	12	3.9	<1	30.19	1	160	<200
91-PMA-371	3.1	20	<5	5.5	<100	1	0.9	<10	7.7	2.7	1	33.63	2	150	250
91-PMA-372	2	18	<5	4.6	<100	<0.5	0.8	<10	4.2	2.2	<1	46.93	1	<100	<200
91-PMA-373	2.1	18	<5	4.9	<100	0.8	0.9	<10	4.3	2.2	<1	38.82	1	<100	<200
91-PMA-374	2	15	<5	4.3	<100	<0.5	0.8	<10	4.4	2.2	1	36.78	1	<100	<200
91-PMA-375-1	5.1	20.3	<5	5.4	<100	0.8	0.8	<10	6.7	3.5	1	25.41	1	150	200
91-PMA-375-2	4.4	22.9	<5	5.5	<100	0.9	1.1	<10	6.6	2.9	<1	35.86	1	140	<200
91-PMA-376	5	22.5	<5	5.6	<100	0.9	0.9	<10	6.7	3	<1	34.09	1	170	210
91-PMA-377	7.3	15	<5	9	<100	1.1	1.3	<10	13	5.7	1	33.01	2	430	200
91-PMA-378	3.7	15	<5	6.9	<100	1	1.1	<10	10	3.4	<1	47.54	2	130	230
91-PMA-383	1.1	16	<5	10	<100	1.6	1.1	<10	23.2	5	1	32.13	2	110	<200
91-PMA-384	1	16	<5	9.5	<100	1.4	1.3	<10	21.8	4.8	2	30.39	1	<100	<200
91-PMA-392	1.9	15	<5	7.2	<100	2.3	1.2	<10	15	6.5	2	31.47	1	<100	220
91-PMA-393	1.7	15	<5	6.7	<100	2.1	0.9	<10	14	5.5	2	30.05	1	110	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-394	1.4	15	<5	6.8	<100	1.5	0.8	<10	14	3.9	1	32.99	2	100	<200
91-PMA-395-1	1.1	11	<5	6.8	<100	2	0.8	<10	16	4.9	1	35.4	1	<100	300
91-PMA-395-2	1.8	15	<5	6.7	<100	2.3	1.1	<10	15	4.2	1	27.12	1	150	<200
91-PMA-398	0.4	16	<5	10.1	<100	1.8	1.4	<10	24.7	5.9	2	28.21	2	120	450
91-PMA-399	0.5	16	<5	10.9	<100	2.1	1.7	<10	23.4	5.2	2	37.09	2	<100	450
91-PMA-400	0.7	17	<5	6.8	<100	1.3	1.2	<10	12	2.8	2	33.94	1	130	<200
91-PMA-401	0.7	17	<5	6.9	<100	1.1	0.9	<10	12	3	1	28.92	2	100	<200
91-PMA-402	0.4	14	<5	8.5	<100	1.7	1.4	<10	20	4.9	2	29.94	2	110	270
91-PMA-403	1.5	18	<5	8.2	<100	1.5	1.2	<10	16	4	1	27.97	2	<100	320
91-PMA-404	0.3	14	<5	7.3	<100	1.7	1	<10	19	4.5	7	25.65	2	120	<200
91-PMA-405-1	1.2	20.1	<5	3.2	<100	<0.5	<0.5	<10	3	1.3	<1	30.84	1	280	<200
91-PMA-405-2	2.2	25.2	<5	4	<100	0.6	0.8	<10	4.1	1.8	1	34.02	1	190	<200
91-PMA-406-1	1.6	23.5	<5	3.7	<100	0.5	0.6	<10	3.3	1.6	<1	35.56	1	230	<200
91-PMA-406-2	1.9	20.7	<5	4.2	<100	0.6	0.6	<10	3.9	1.6	1	26.89	1	140	<200
91-PMA-406-3	2.3	19	<5	3.9	<100	0.5	0.6	<10	3.9	1.7	1	38.41	1	160	<200
91-PMA-407	1.1	21.6	<5	3.6	<100	<0.5	0.5	<10	2.2	1.3	1	29.35	1	130	<200
91-PMA-408-1	2.3	22.6	<5	3.3	<100	<0.5	<0.5	<10	3	1.6	1	35.01	1	230	<200
91-PMA-408-2	1.4	18	<5	3.2	<100	<0.5	0.5	<10	2.6	1.6	<1	26.82	1	<100	<200
91-PMA-408-3	1	20.8	<5	2.2	<100	<0.5	0.6	<10	1.3	1.2	<1	26.79	<1	<100	<200
91-PMA-408-4	1.3	37	<5	3	<100	<0.5	0.7	<10	1.5	1.4	<1	29.04	1	100	230
91-PMA-409	2.2	35.2	<5	3	<100	<0.5	0.6	<10	1.5	1.3	2	37.58	1	<100	<200
91-PMA-410-1	1.8	17	<5	3.9	<100	<0.5	0.5	<10	3.9	1.5	1	43.73	1	<100	<200
91-PMA-410-2	1.9	21.7	<5	4.1	<100	0.6	0.6	<10	4.3	1.5	1	32.31	1	120	<200
91-PMA-410-3	1.9	15	<5	4.8	<100	0.6	0.7	<10	4.4	1.9	2	37.67	1	<100	<200
91-PMA-411-1	2.5	17	<5	4.5	<100	0.7	0.6	<10	5.5	2.1	1	34.23	1	120	<200
91-PMA-411-2	2.5	17	<5	4.7	<100	0.7	0.8	<10	5.4	2.3	1	32.25	1	<100	<200
91-PMA-411-3	2.5	17	<5	4.6	<100	<0.5	0.8	<10	5.5	2.4	1	35.24	1	110	<200
91-PMA-411-4	2.5	17	<5	4.8	<100	0.7	0.6	<10	5.2	2.4	2	32.2	1	<100	210
91-PMA-411-5	2.5	18	<5	4.7	<100	<0.5	0.7	<10	5.8	2.5	2	36.3	1	<100	<200
91-PMA-411-6	2.4	17	<5	4.3	<100	0.7	0.6	<10	5.2	2.1	<1	36.43	1	<100	<200
91-PMA-411-7	2.8	23.1	<5	3.8	<100	0.5	0.9	<10	3.4	1.9	<1	30.5	1	160	<200
91-PMA-411-8	2.4	17	<5	4.7	<100	0.7	0.5	<10	5.5	2.2	2	32.98	1	120	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-412-1	1.9	15	<5	3.9	<100	0.9	0.7	<10	4.1	2	1	37.45	1	<100	<200
91-PMA-412-2	1.9	20	<5	4.7	<100	0.6	0.9	<10	4.7	1.9	1	35.01	1	100	<200
91-PMA-417-1	1.7	30.8	<5	4.9	<100	0.5	0.9	<10	4.1	1.8	1	37.72	1	<100	340
91-PMA-417-2	1.7	27.9	<5	5	<100	0.6	0.8	<10	5	2.3	2	37.31	1	<100	<200
91-PMA-417-3	1.6	26.9	<5	4.6	<100	0.6	0.6	<10	4.2	1.6	1	28.58	1	130	<200
91-PMA-418-1	1.7	20.8	<5	4.4	<100	0.6	0.7	<10	3.5	1.7	2	33.99	1	120	<200
91-PMA-418-2	1.9	22.7	<5	5.1	<100	0.6	0.9	<10	5.7	2.1	2	30.72	1	110	<200
91-PMA-418-4	2.6	34.9	<5	3.7	<100	<0.5	0.6	<10	2	0.9	2	24.68	1	130	<200
91-PMA-419	1.7	26.7	<5	4.6	<100	<0.5	0.9	<10	4.3	1.9	2	32.42	1	140	<200
91-PMA-420-1	2.5	28.6	<5	6.2	<100	0.5	1.2	<10	3.9	1.9	3	37.94	1	<100	<200
91-PMA-420-2	1.9	24.5	<5	4.9	<100	0.5	0.9	<10	3	1.5	2	30.64	1	120	<200
91-PMA-420-3	1.6	29.4	<5	4.2	<100	<0.5	0.7	<10	3	1.3	2	31.55	1	150	<200
91-PMA-420-4	1.5	29.1	<5	4	<100	<0.5	0.5	<10	2.7	1.3	1	35.3	1	180	<200
91-PMA-420-5	1.4	28.9	<5	4.1	<100	<0.5	0.7	<10	2.5	1.2	2	29.57	1	<100	<200
91-PMA-420-6	3	33.1	<5	6	<100	0.6	1.1	<10	4.7	2.3	1	37.22	2	110	250
91-PMA-421	1.9	29.5	<5	4.5	<100	0.9	0.6	<10	4	1.6	2	36.41	2	<100	<200
91-PMA-422-1	5.1	47.5	<5	8	<100	<0.5	1.3	<10	2.4	1.4	13	24.37	2	190	240
91-PMA-422-2	3.6	28.1	<5	4.7	<100	<0.5	0.6	<10	3.3	1.2	4	19.94	1	110	<200
91-PMA-422-3	6.6	38.5	<5	6	<100	<0.5	1.2	<10	3	1.5	6	18.01	2	<100	<200
91-PMA-422-4	2.9	30.4	<5	4.4	<100	<0.5	0.8	<10	3.4	1.6	2	38.05	1	190	<200
91-PMA-423	1.1	23.9	<5	5.1	<100	<0.5	0.9	<10	3.2	2	1	33.47	1	130	<200
91-PMA-424	1.5	20	<5	6.2	<100	0.9	0.8	<10	8.5	4.2	1	38.58	1	140	<200
91-PMA-425-1	1.6	10	<5	4.6	<100	0.9	0.6	<10	5.1	3.1	3	46.5	1	100	<200
91-PMA-425-2	1.5	10	<5	4.3	<100	0.7	0.6	<10	4.4	2.7	3	45.3	1	<100	<200
91-PMA-425-3	1.5	10	<5	3.9	<100	0.7	0.5	<10	4.2	2.5	2	44.32	1	<100	<200
91-PMA-425-4	1.5	11	<5	4.5	<100	0.6	0.8	<10	4.4	2.7	2	47.76	1	<100	<200
91-PMA-426-1	2.4	12	<5	4.8	<100	0.7	0.8	<10	4.9	2.6	4	44.27	1	170	<200
91-PMA-426-2	1.8	12	<5	4.4	<100	<0.5	0.8	<10	5.1	2.5	3	42.16	1	110	<200
91-PMA-426-3	3.4	19	<5	5.6	<100	<0.5	1.1	<10	5	3.3	5	38.63	2	150	<200
91-PMA-427-1	2	15	<5	5	<100	0.8	0.9	<10	6.5	2.5	1	31.66	1	<100	<200
91-PMA-429-1	3.3	23.5	<5	4.3	<100	<0.5	0.7	<10	3.8	1.6	3	33.81	2	<100	<200
91-PMA-429-2	5.4	21.4	<5	4.2	<100	0.6	0.8	<10	2.9	1.5	3	32.68	1	100	<200

NOTE: nd : no data; nss : not sufficient sample.

<63 µm - INAA

Sample #	Sb	Sc	Se	Sm	Sn	Ta	Tb	Te	Th	U	W	Wt	Yb	Zn	Zr
91-PMA-429-3	5	20	<5	3.9	<100	0.6	0.9	<10	3	1.3	3	12.9	1	100	<200
91-PMA-429-4	4.9	25.9	<5	4.9	<100	<0.5	0.7	<10	3.3	1.7	4	24.47	1	120	<200
91-PMA-429-5	4	20	<5	4	<100	<0.5	0.7	<10	2.7	1.6	3	28.94	1	<100	<200
91-PMA-429-6	4.3	21.1	<5	4.2	<100	<0.5	0.9	<10	3	1.5	4	16.21	1	110	<200
91-PMA-430-1	1.7	21.4	<5	3.8	<100	0.6	0.6	<10	3.9	1.6	3	21.91	1	<100	<200
91-PMA-430-2	3.1	27.8	<5	4.7	<100	0.6	0.8	<10	5.1	1.9	4	33.07	1	120	<200
91-PMA-430-3	2.1	21.8	<5	4.8	<100	0.6	0.6	<10	4.8	2.1	4	38.83	1	<100	<200
91-PMA-430-4	2.8	23.8	<5	4.3	<100	0.6	0.6	<10	4	1.7	2	30.28	1	120	<200
91-PMA-431-1	2.1	28.9	<5	4.6	<100	0.5	0.9	<10	3.7	1.8	1	34.76	1	120	<200
91-PMA-431-2	2	26.4	<5	4.2	<100	<0.5	0.8	<10	3.5	1.6	1	35.49	1	<100	<200
91-PMA-431-3	1.9	25	<5	3.8	<100	<0.5	0.6	<10	2.8	1.4	1	24.2	1	<100	<200
91-PMA-431-4	2	24	<5	4	<100	0.5	0.8	<10	3.5	1.6	1	30.83	1	<100	210
91-PMA-431-5	2.2	26.4	<5	4.1	<100	<0.5	0.7	<10	2.9	1.5	2	33.67	1	110	270
91-PMA-431-6	2.1	15	<5	3.3	<100	0.5	0.6	<10	2.9	1.3	1	25.39	1	<100	<200

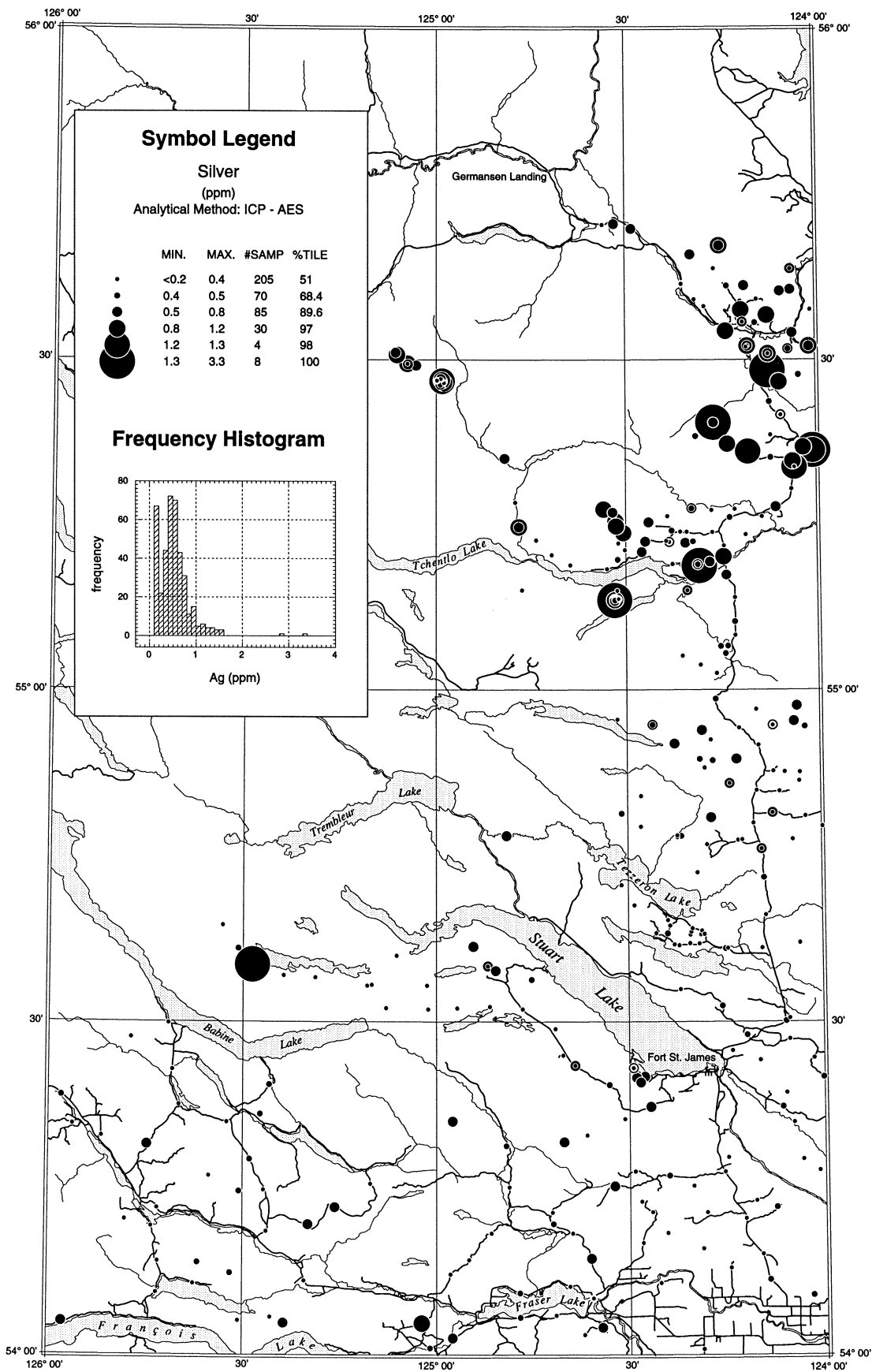
NOTE: nd : no data; nss : not sufficient sample.

<63 μm - INAA

Appendix 4

Dot value geochemical maps
clay size fraction ($<2 \mu\text{m}$)
ICP-AES

Silver in the <0.002 mm fraction of till



Symbol Legend

Silver (ppm)
Analytical Method: ICP - AES

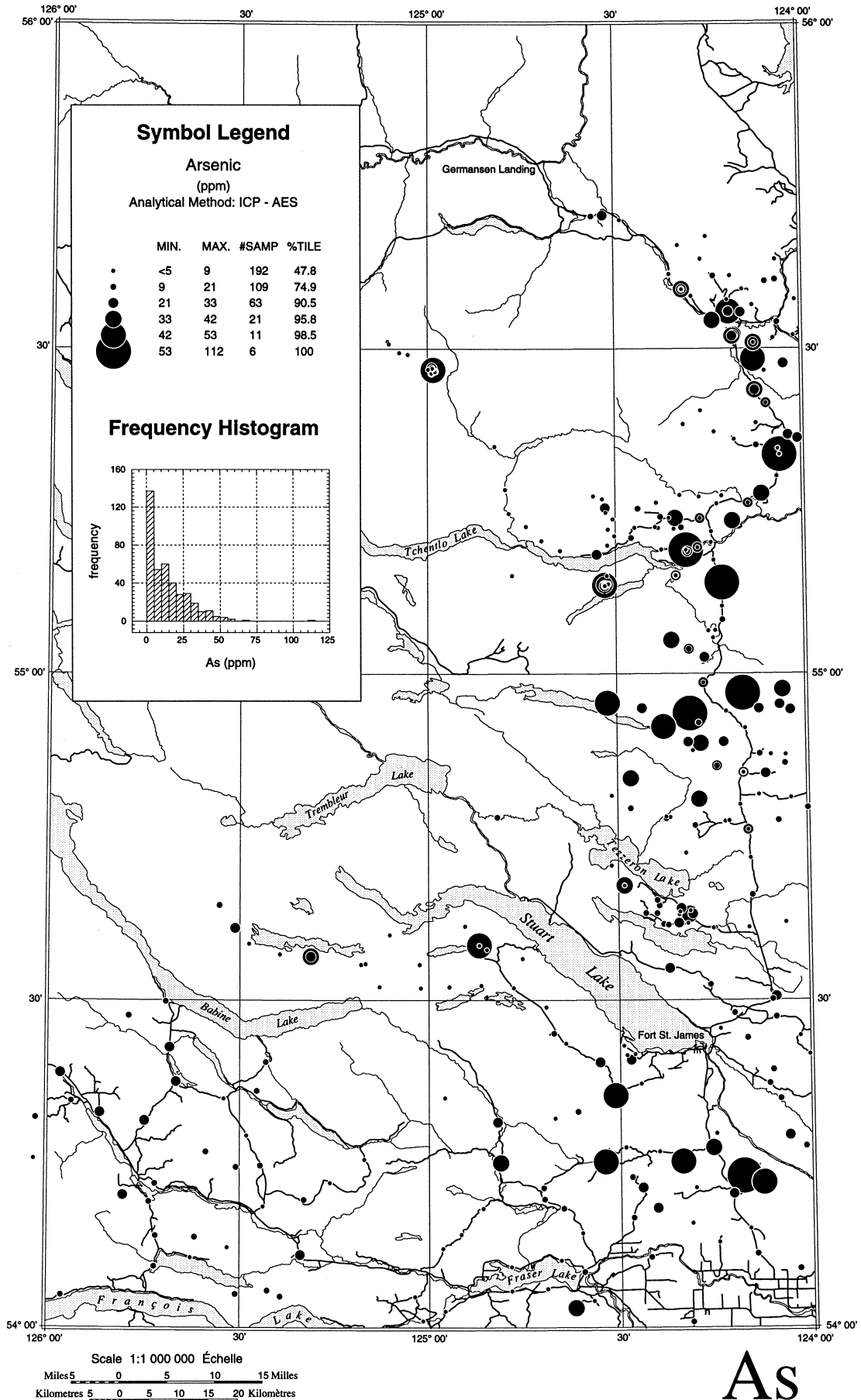
MIN.	MAX.	#SAMP	%TILE
<0.2	0.4	205	51
0.4	0.5	70	68.4
0.5	0.8	85	89.6
0.8	1.2	30	97
1.2	1.3	4	98
1.3	3.3	8	100

Frequency Histogram

Scale 1:1 000 000 Échelle
 Miles 0 5 10 15 Miles
 Kilometres 5 0 5 10 15 20 Kilomètres

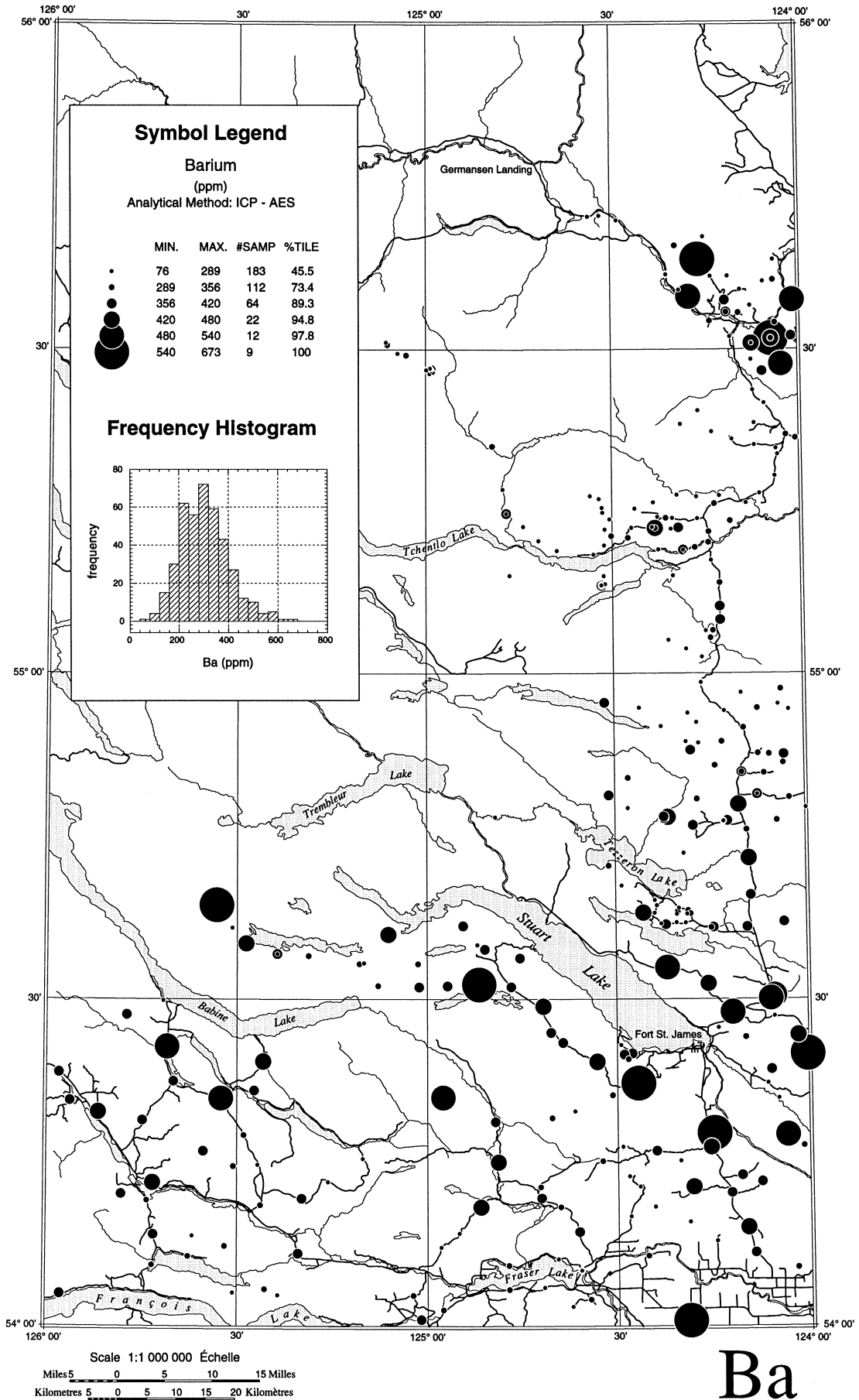
Ag

Arsenic in the <0.002 mm fraction of till

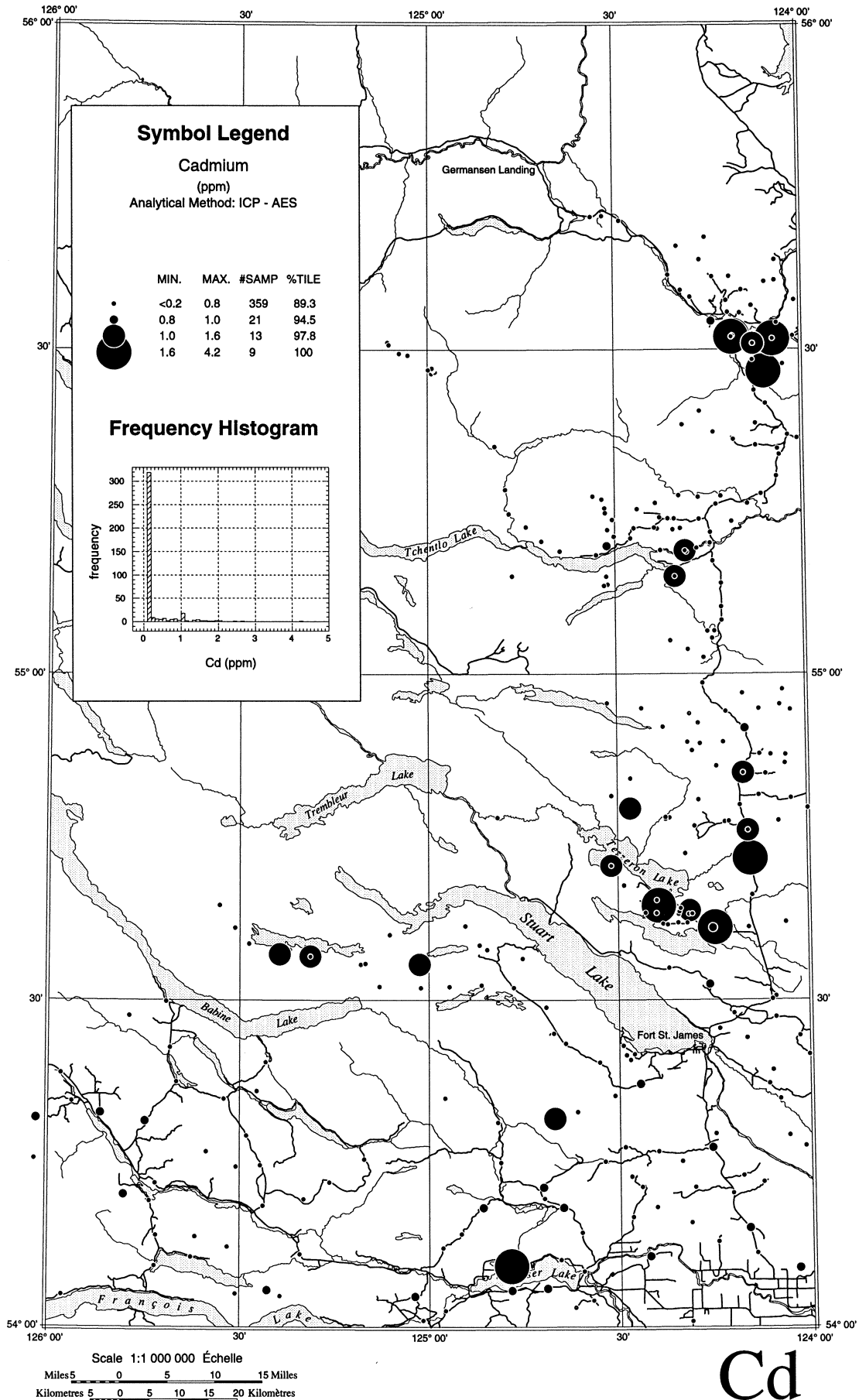


As

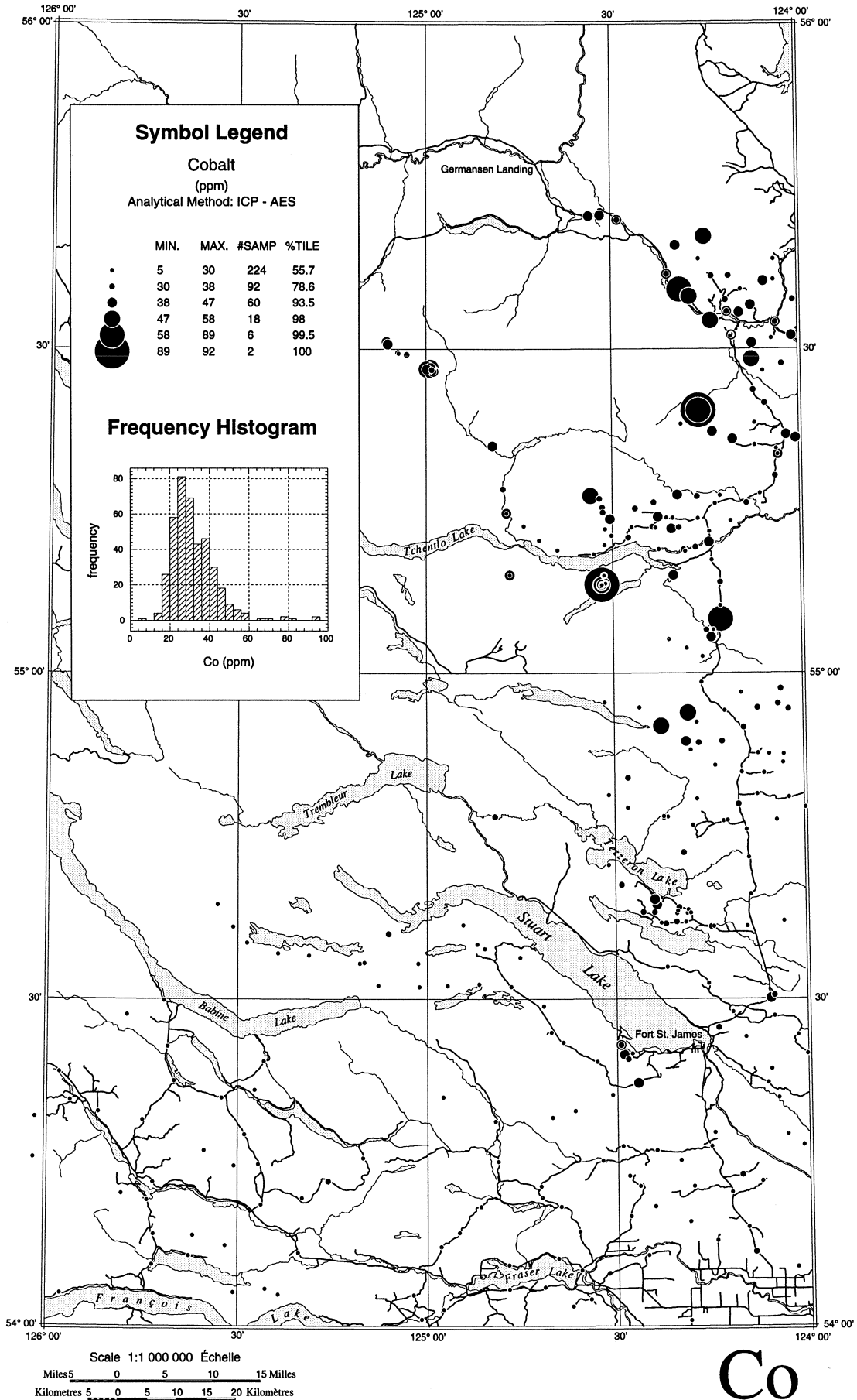
Barium in the <0.002 mm fraction of till



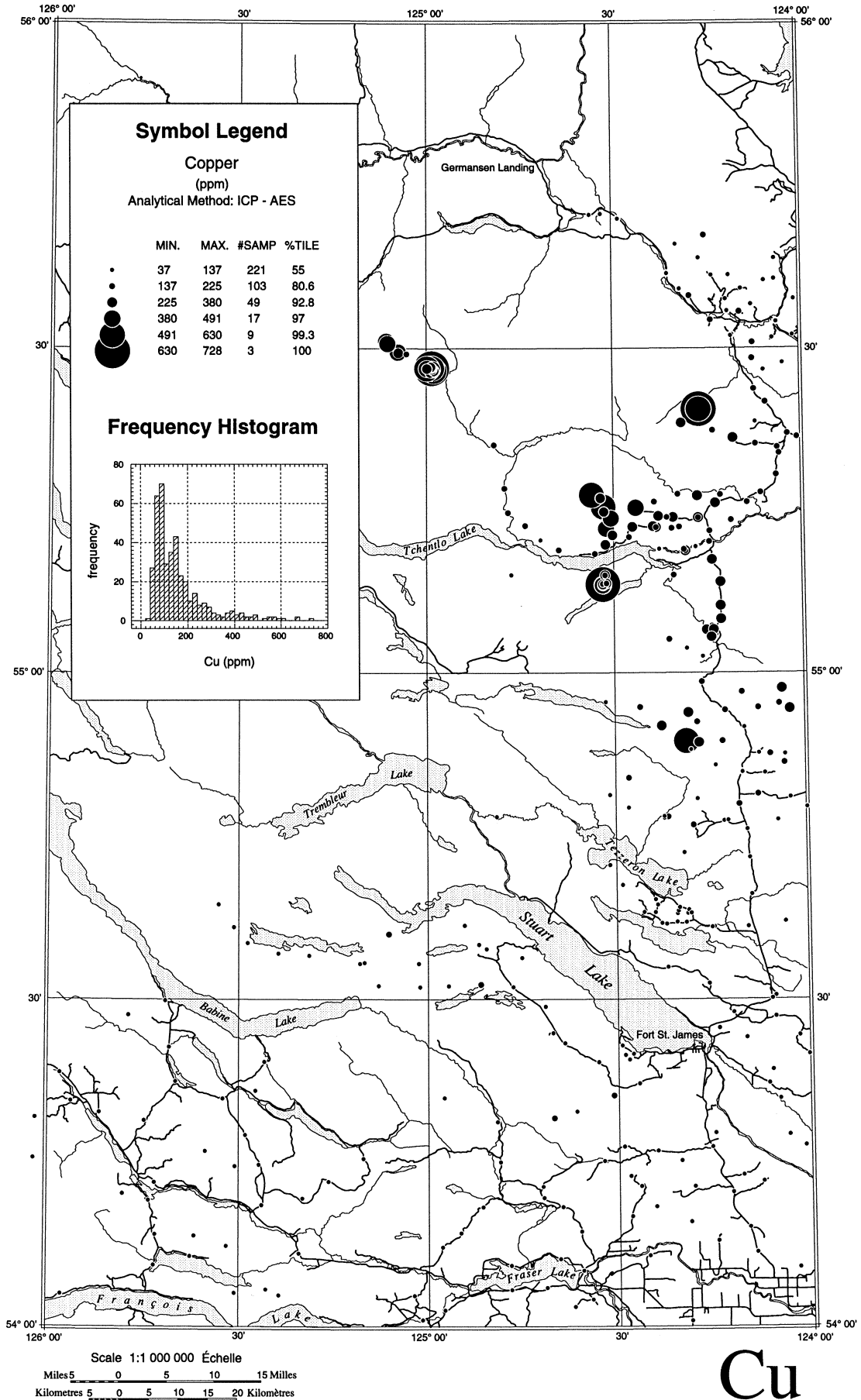
Cadmium in the <0.002 mm fraction of till



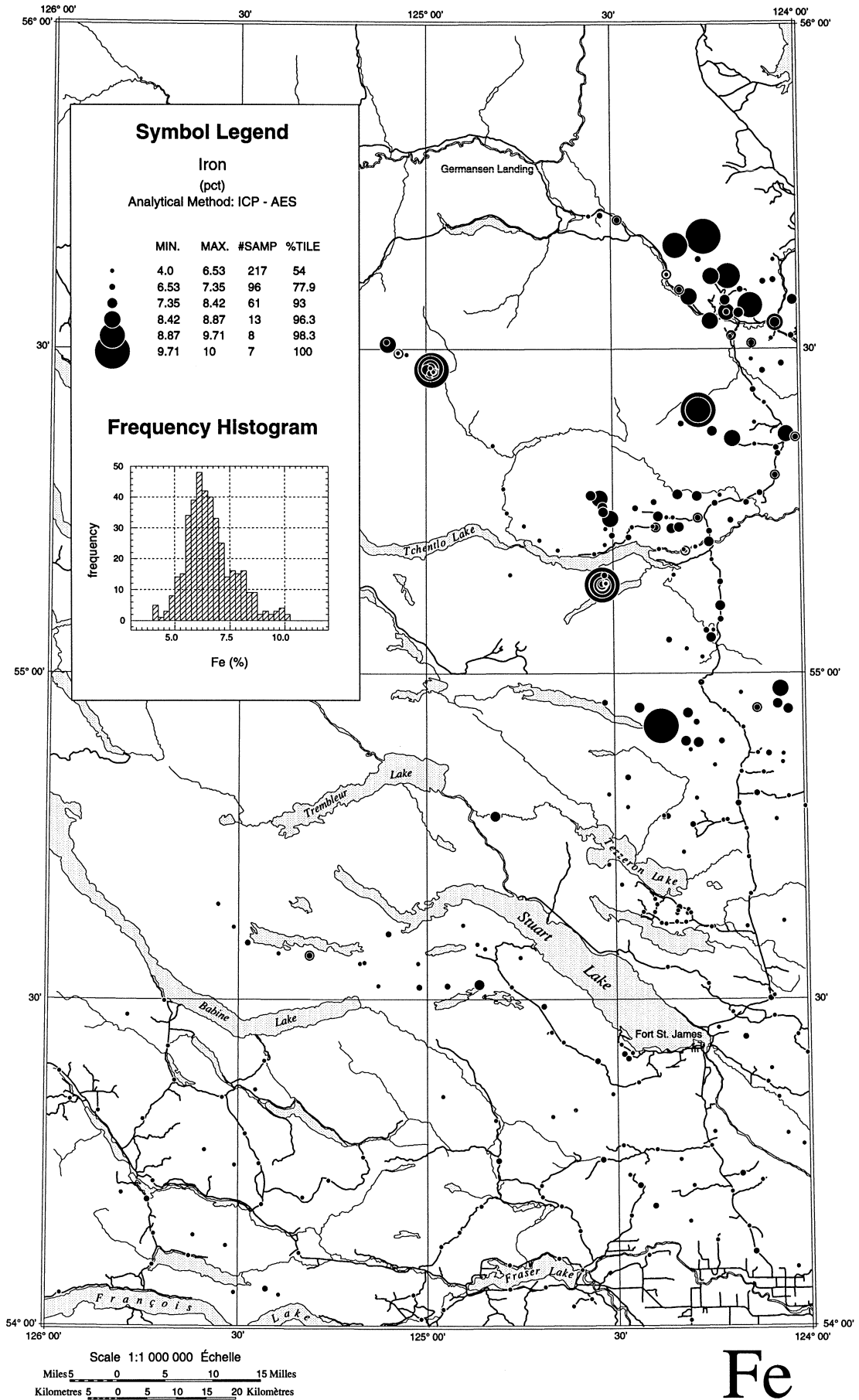
Cobalt in the <0.002 mm fraction of till



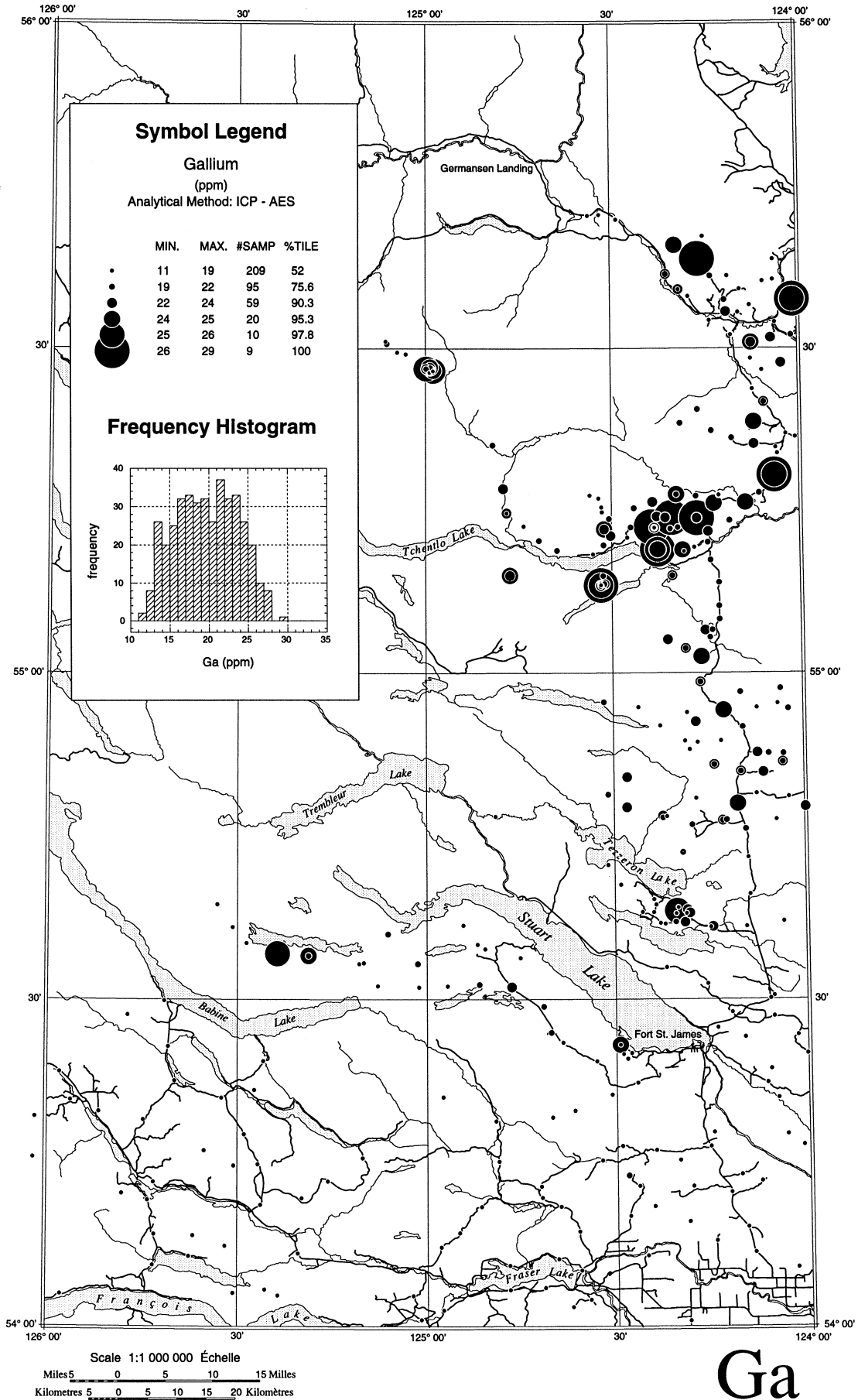
Copper in the <0.002 mm fraction of till



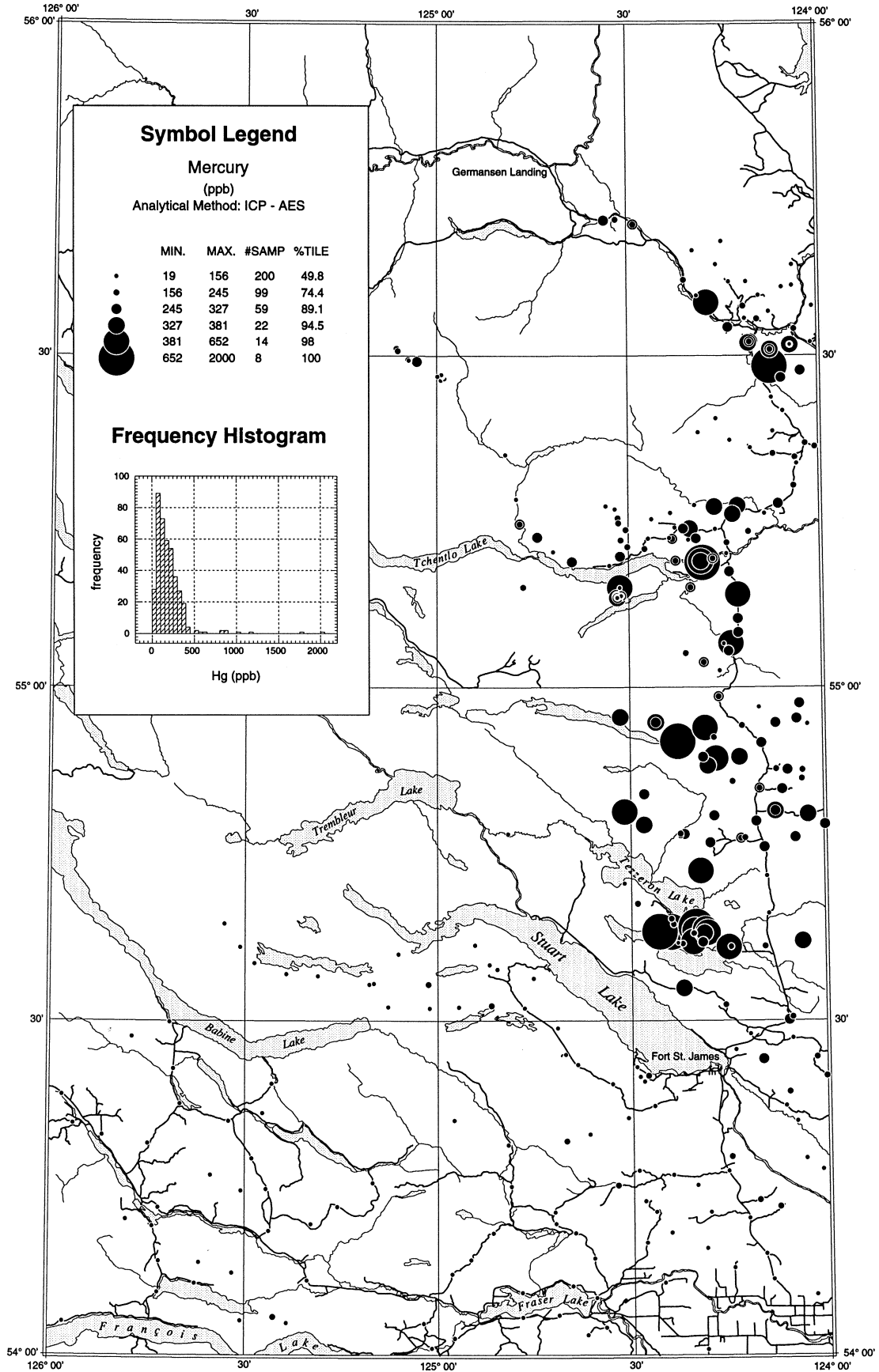
Iron in the <0.002 mm fraction of till



Gallium in the <0.002 mm fraction of till



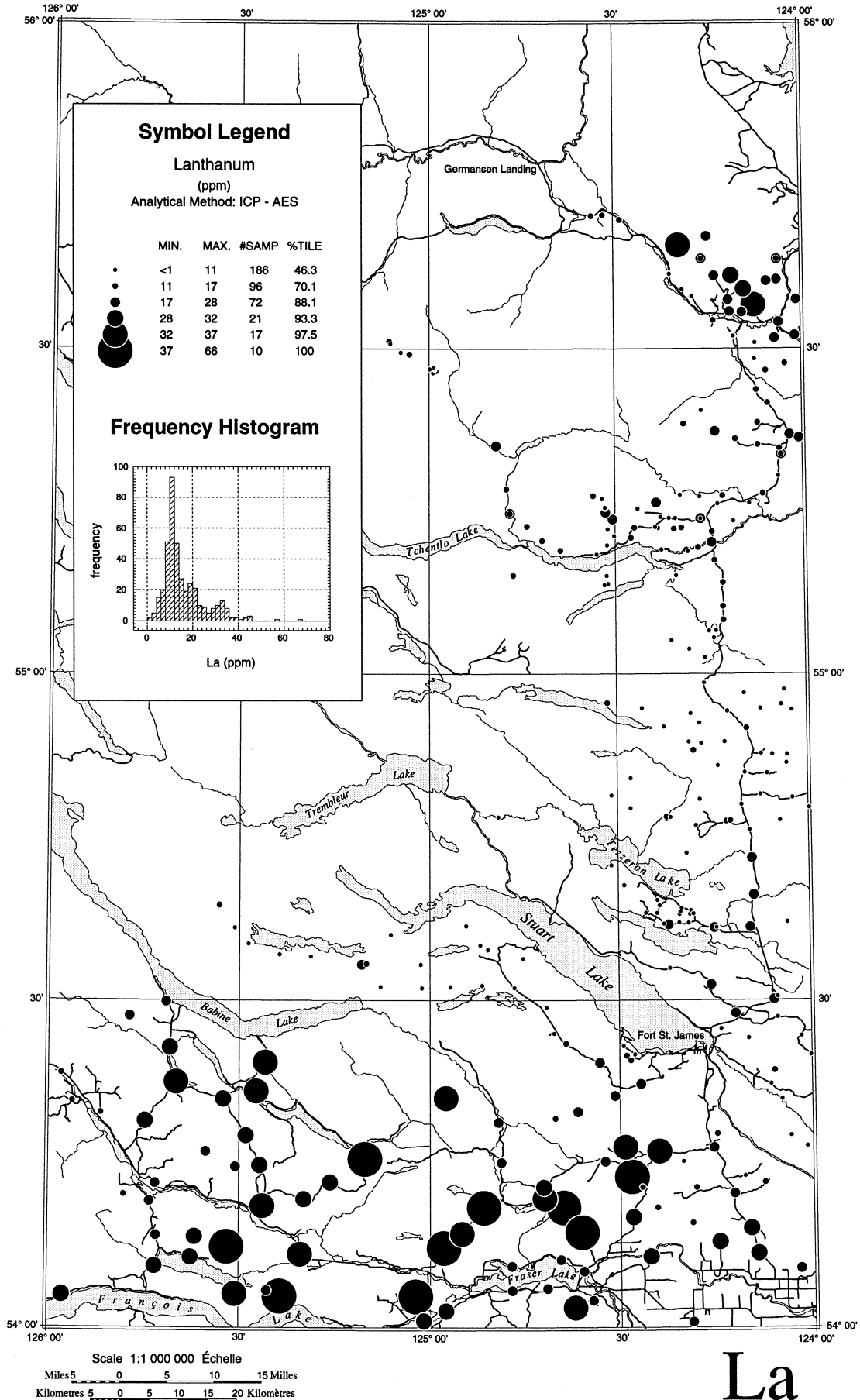
Mercury in the <0.002 mm fraction of till



Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 0 5 10 15 20 Kilomètres

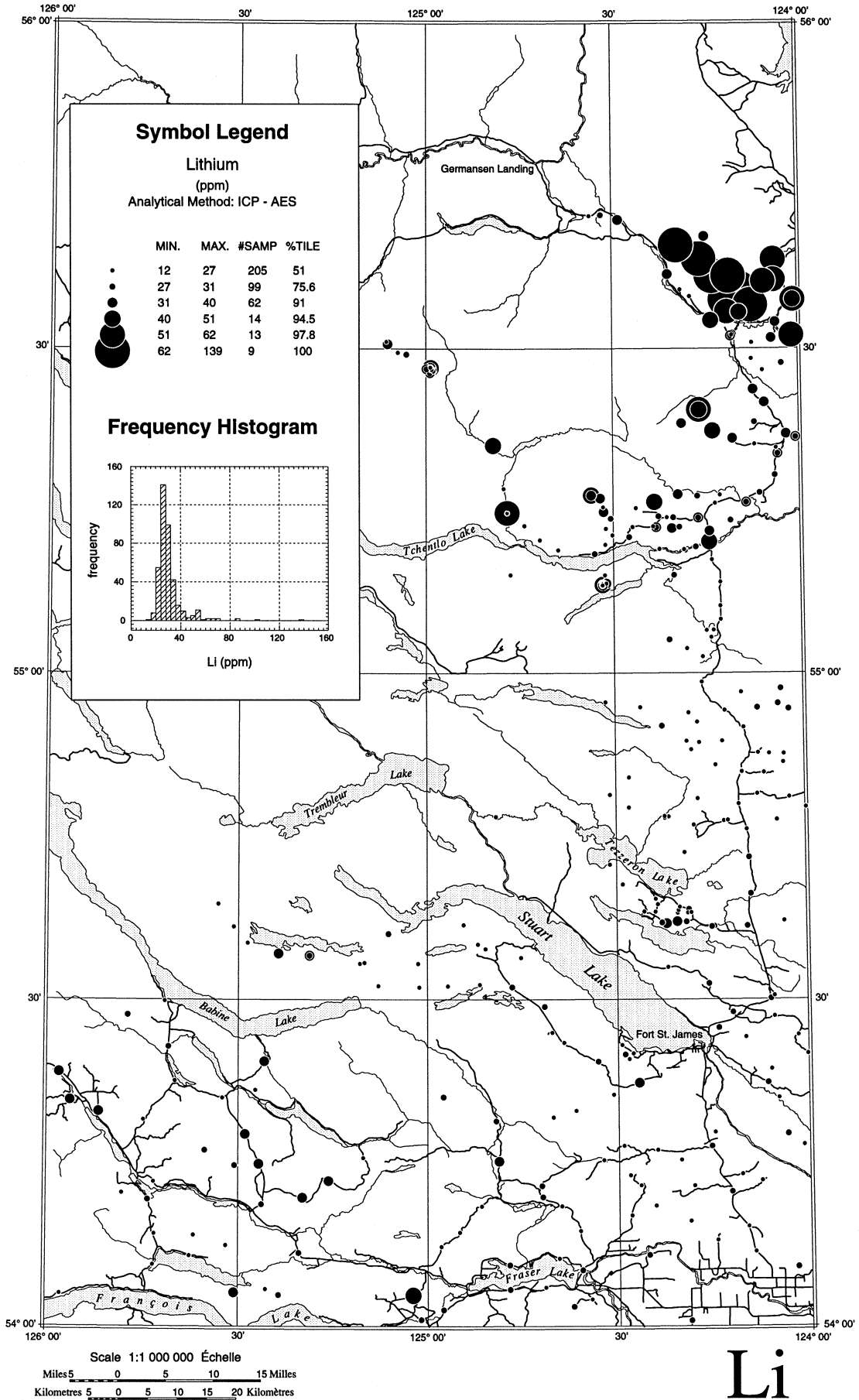
Hg

Lanthanum in the <0.002 mm fraction of till

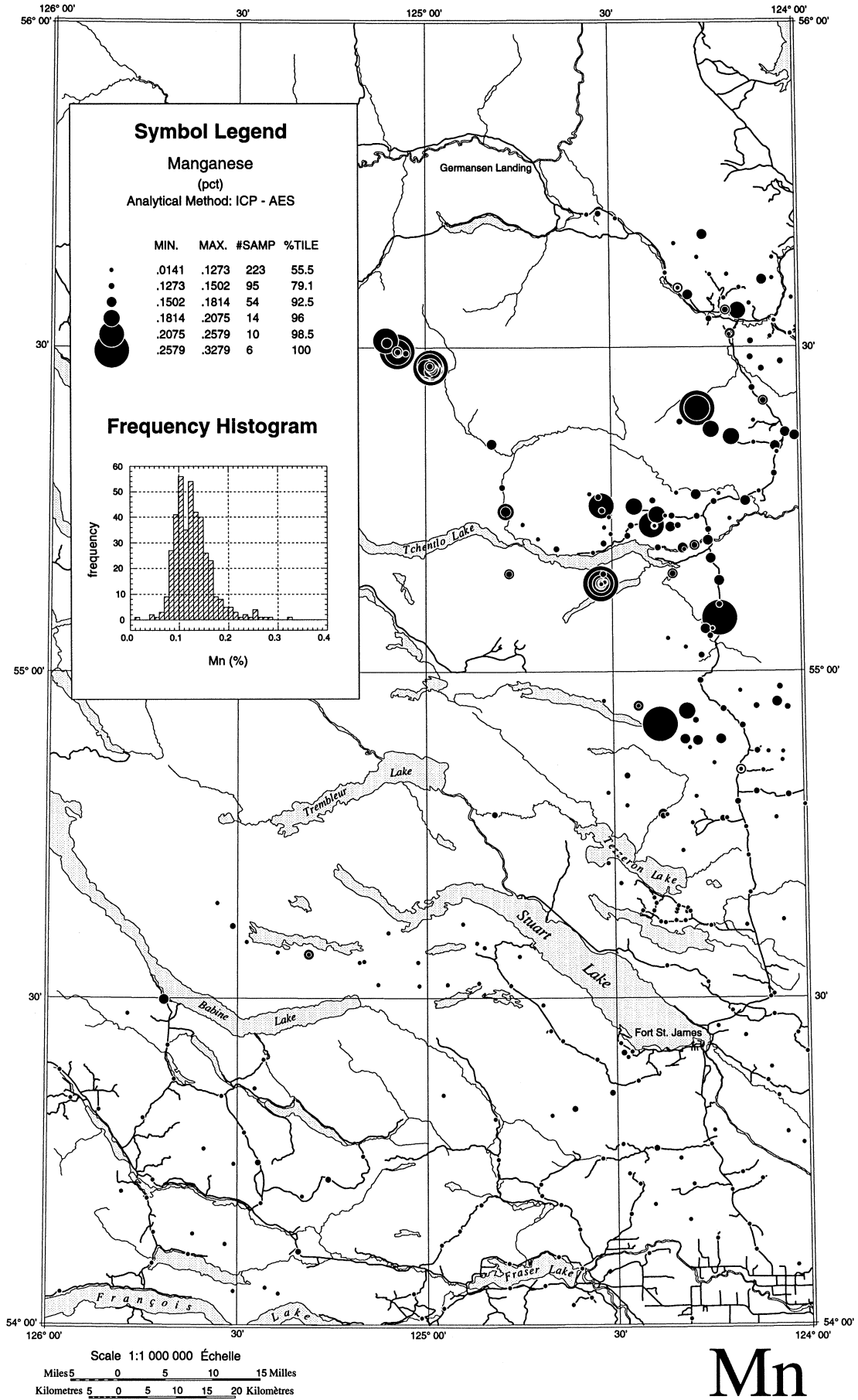


La

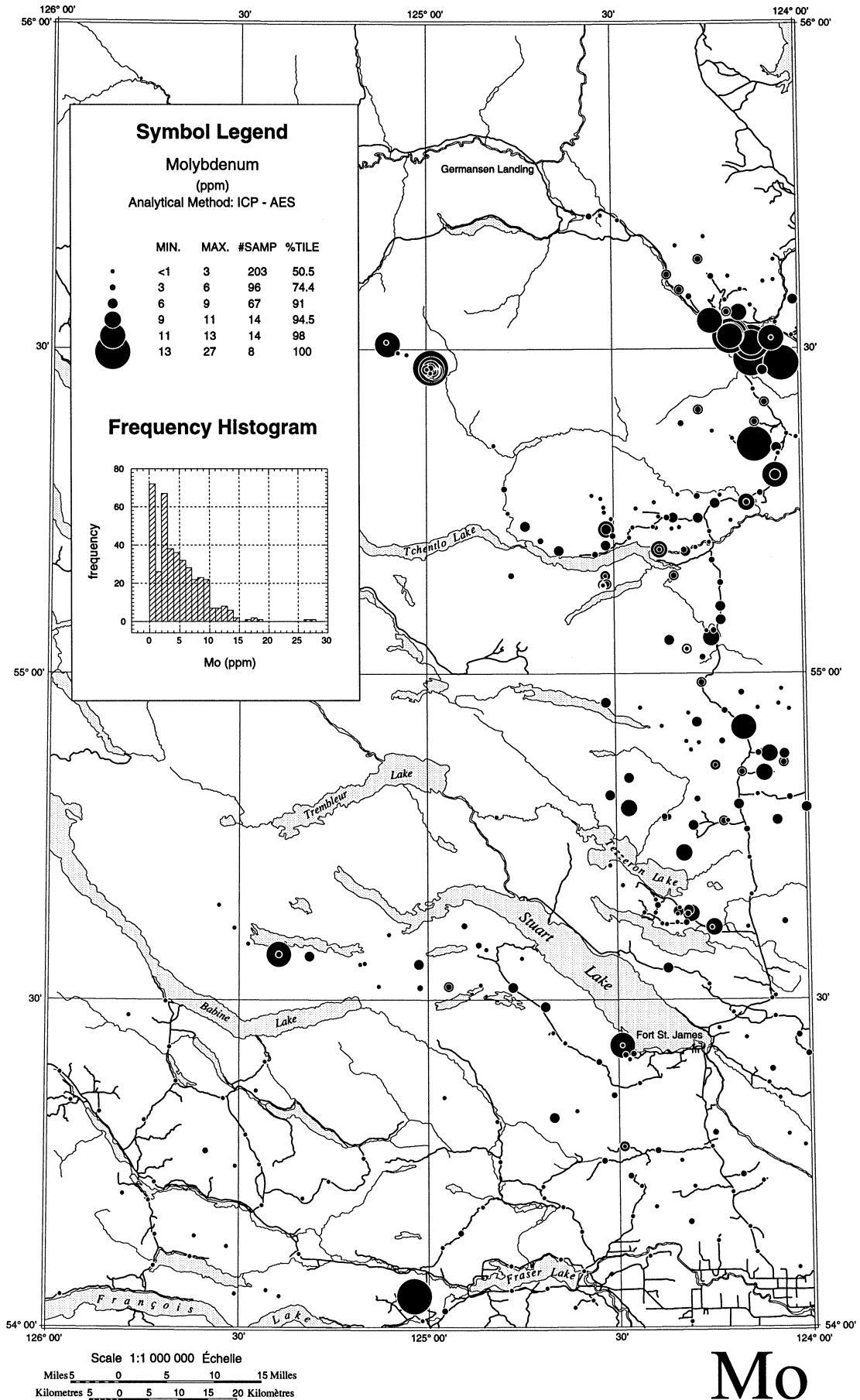
Lithium in the <0.002 mm fraction of till



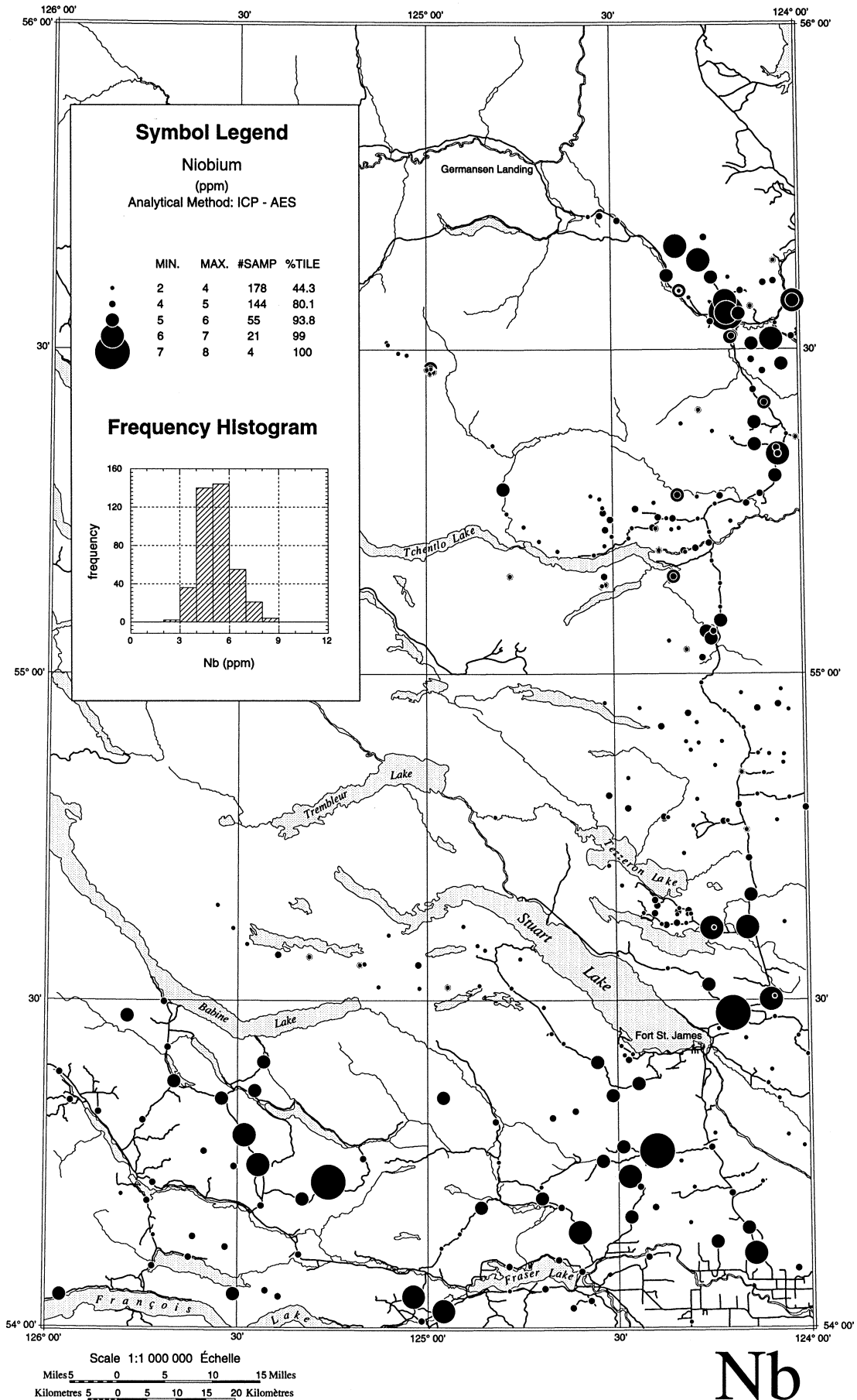
Manganese in the <0.002 mm fraction of till



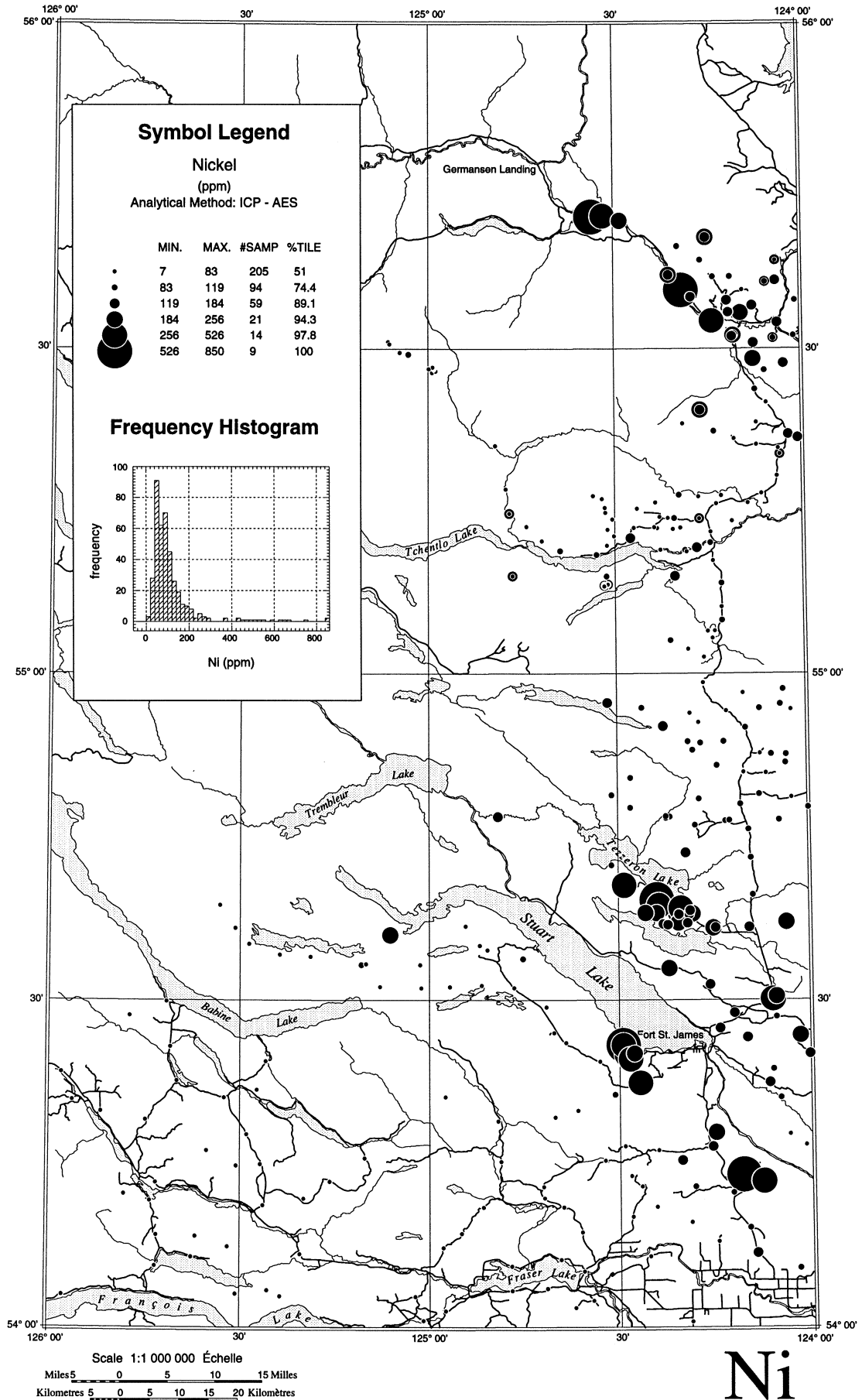
Molybdenum in the <0.002 mm fraction of till



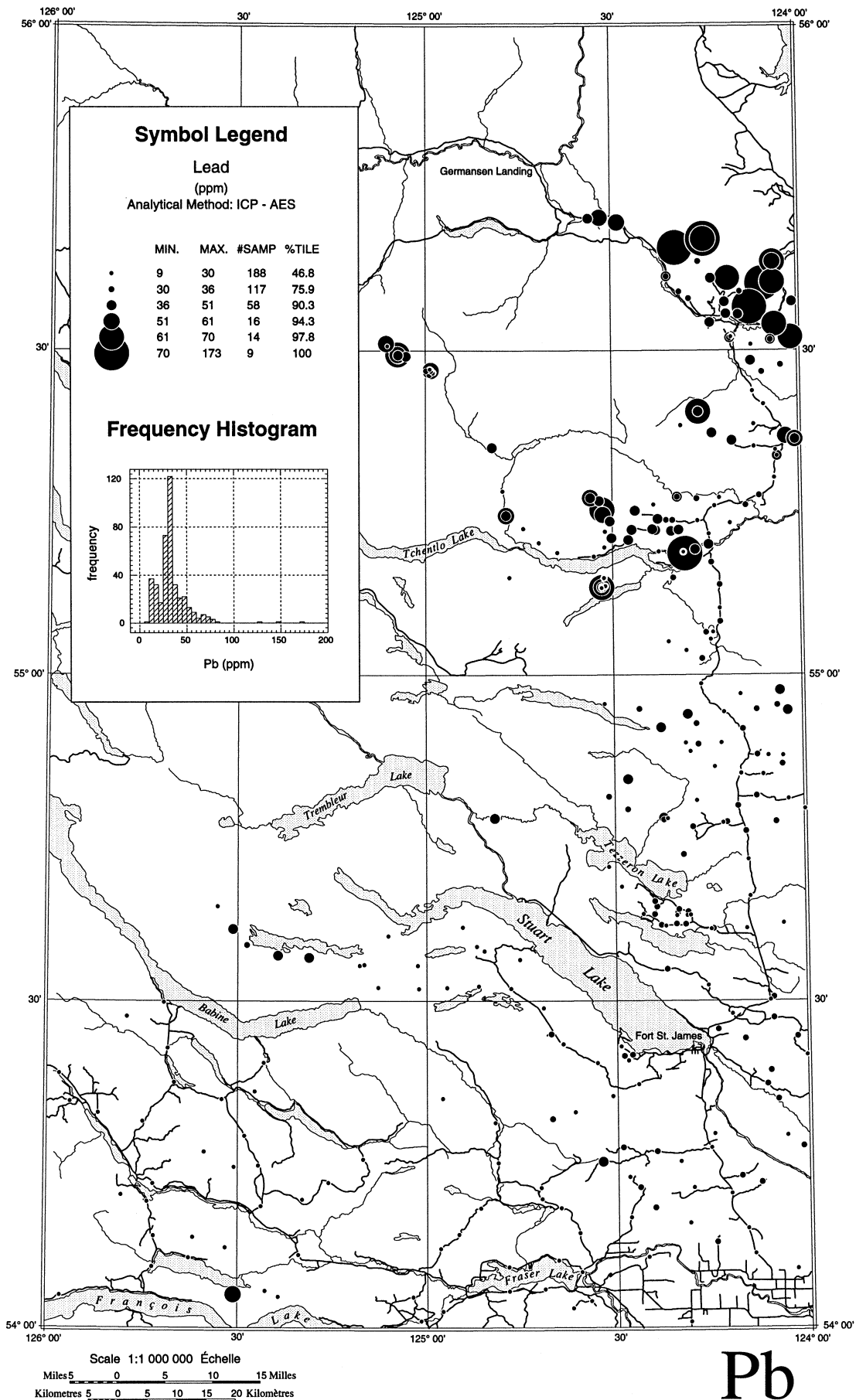
Niobium in the <0.002 mm fraction of till



Nickel in the <0.002 mm fraction of till



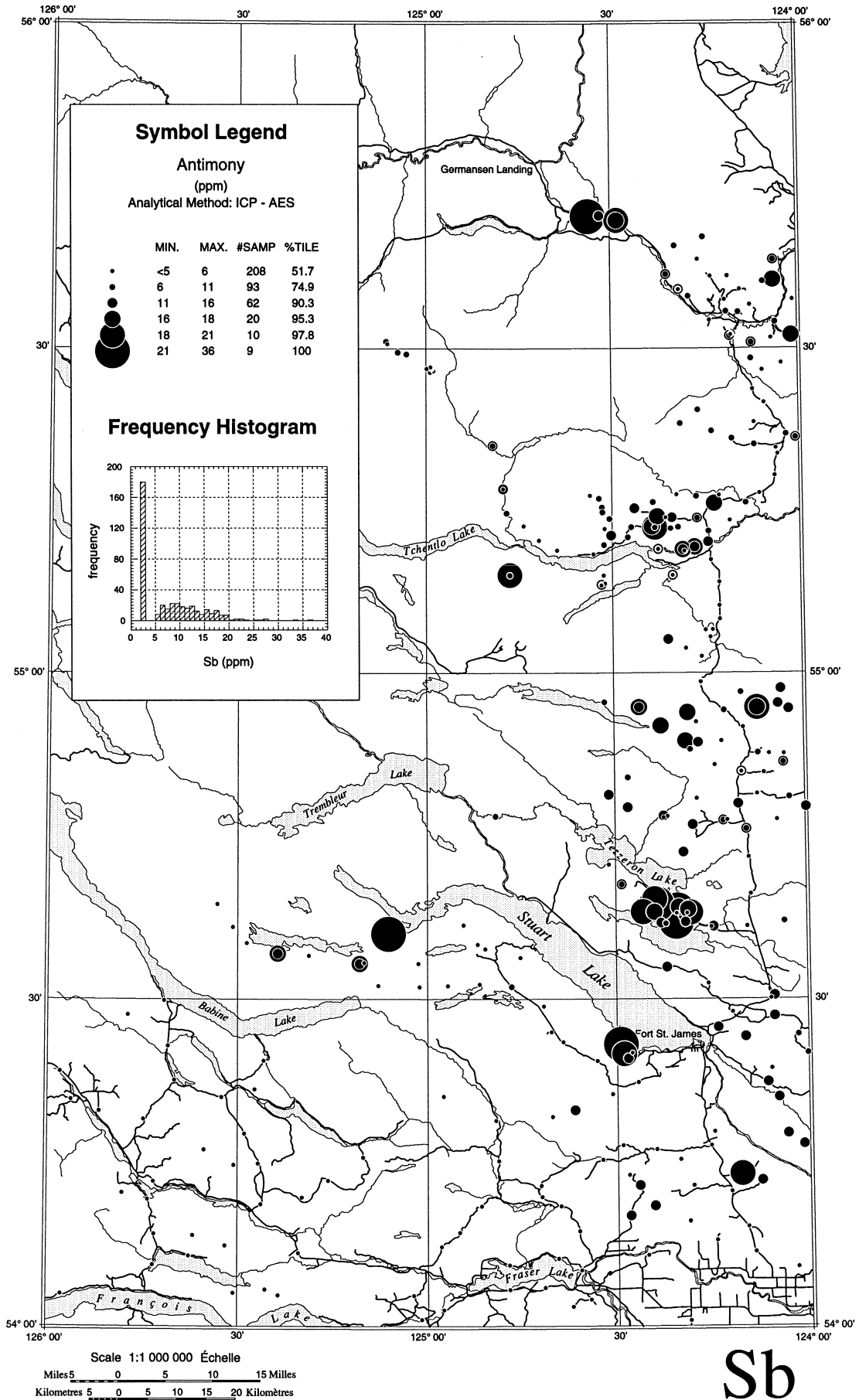
Lead in the <0.002 mm fraction of till



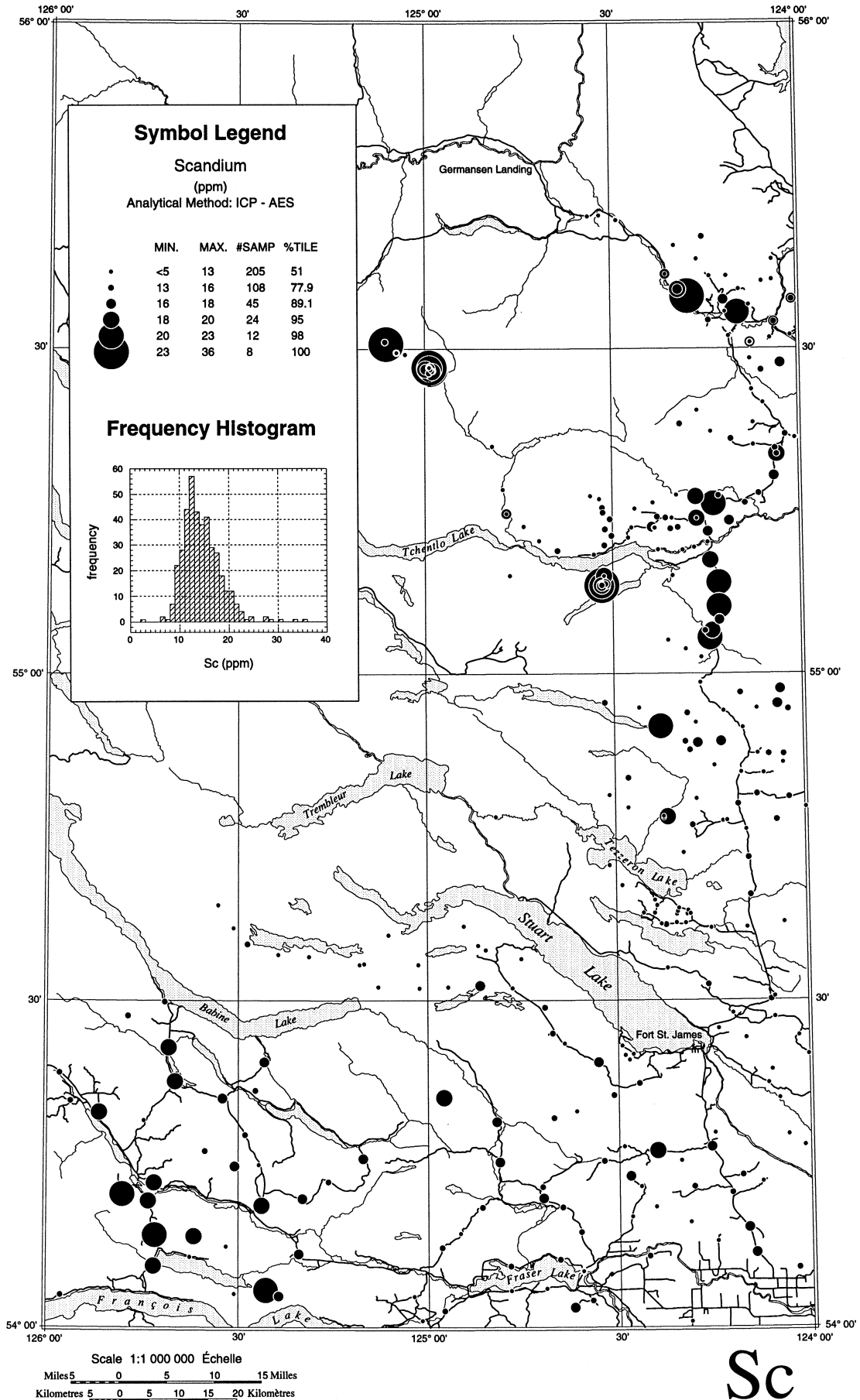
Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 0 5 10 15 20 Kilomètres

Pb

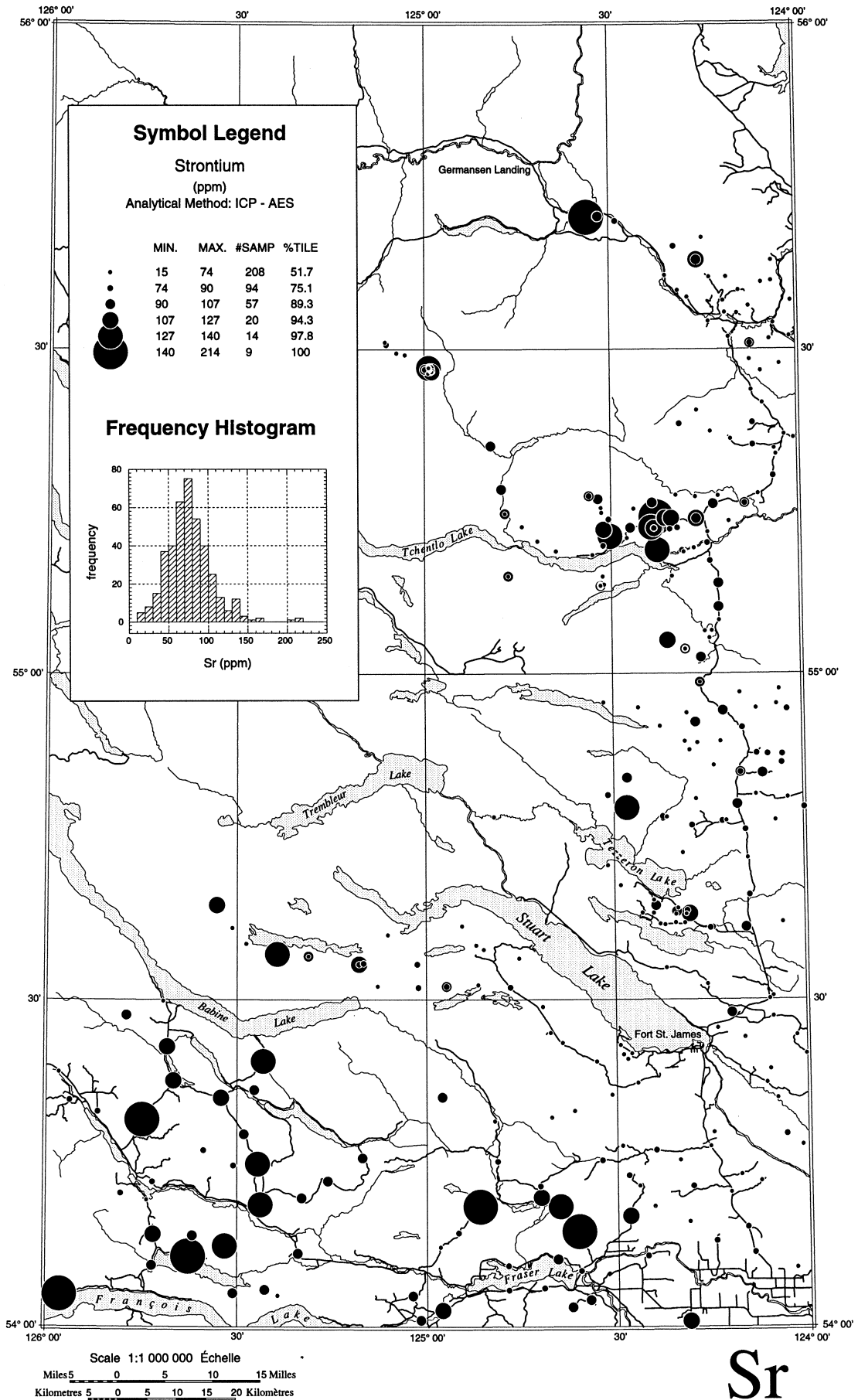
Antimony in the <0.002 mm fraction of till



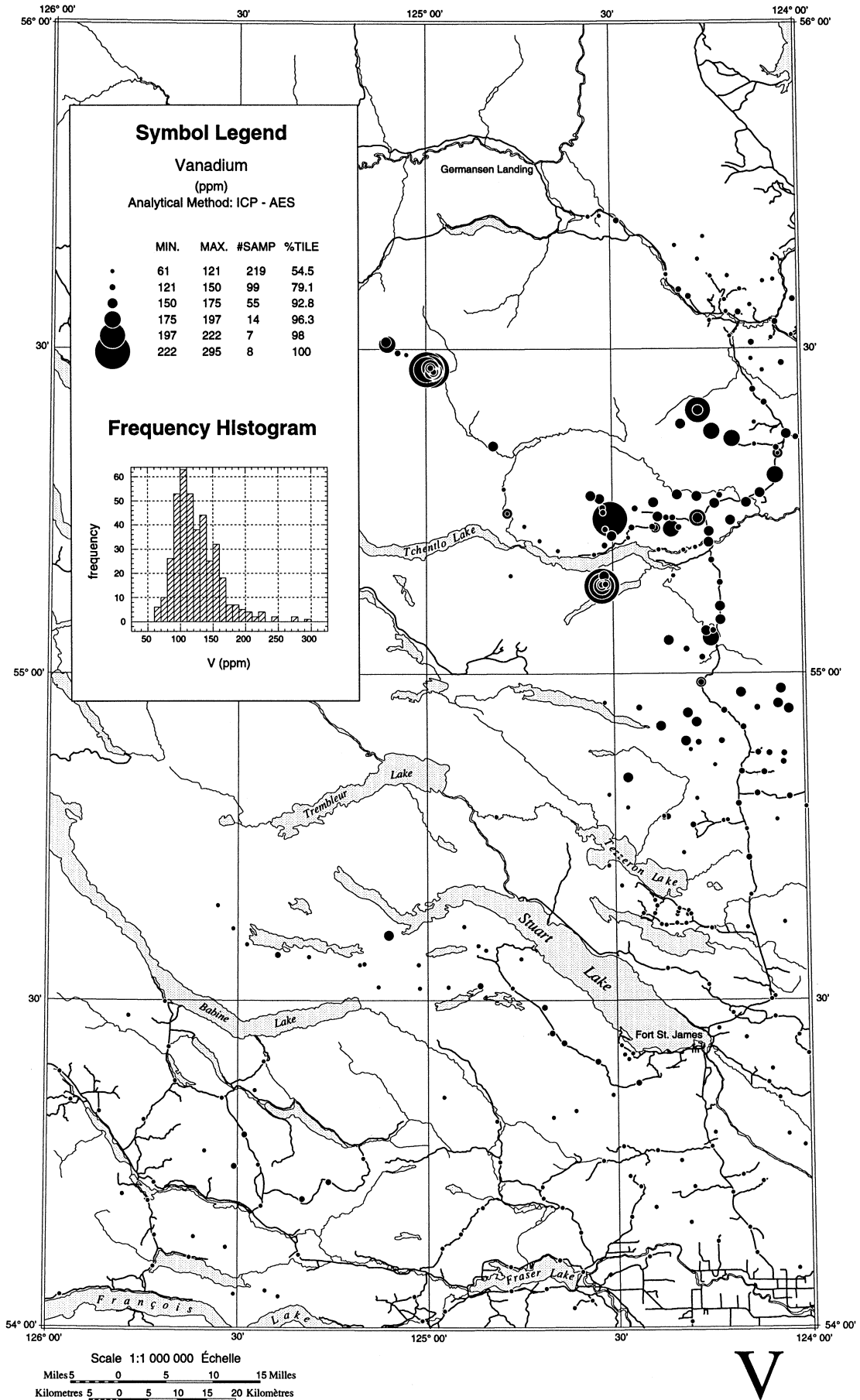
Scandium in the <0.002 mm fraction of till



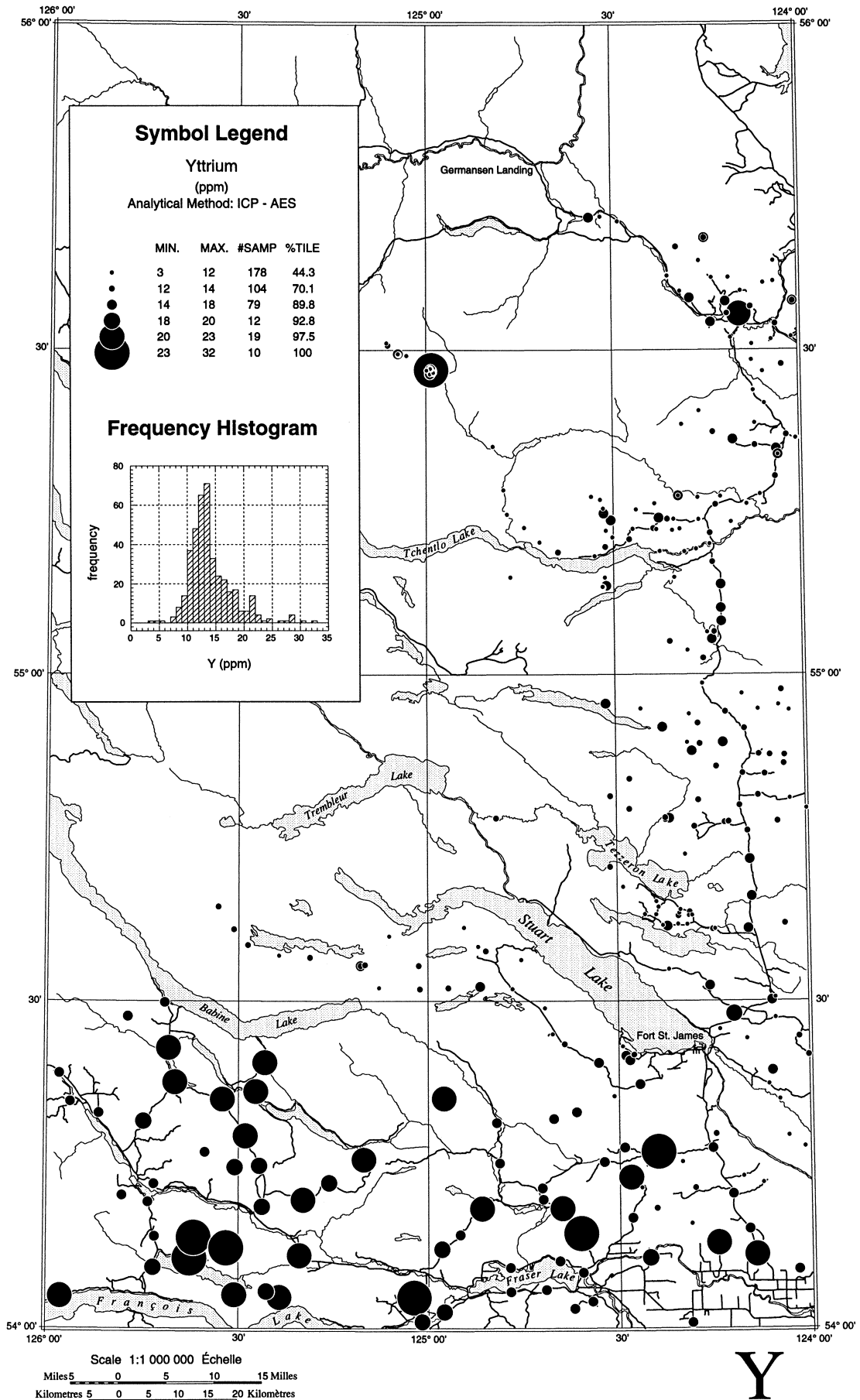
Strontium in the <0.002 mm fraction of till



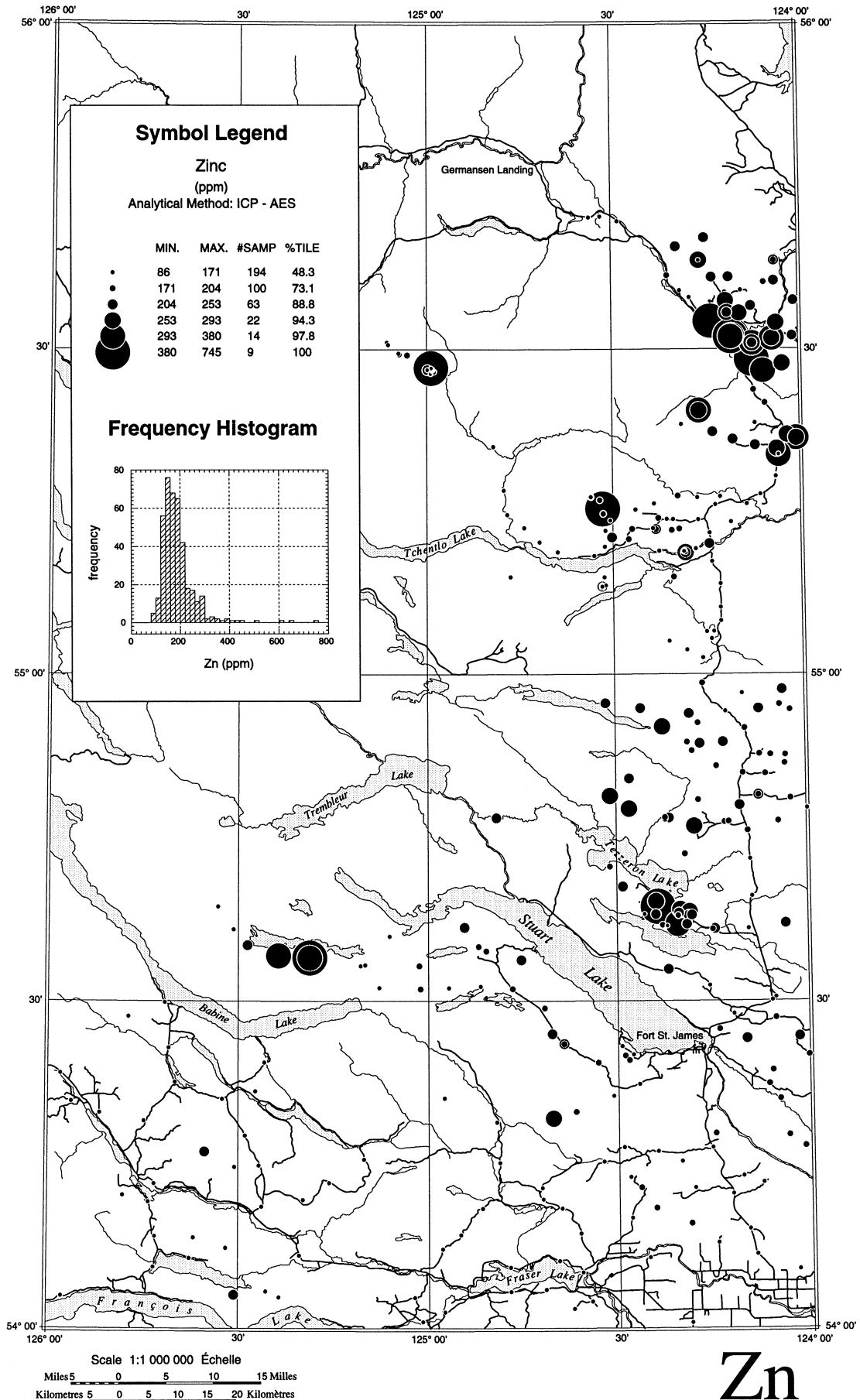
Vanadium in the <0.002 mm fraction of till



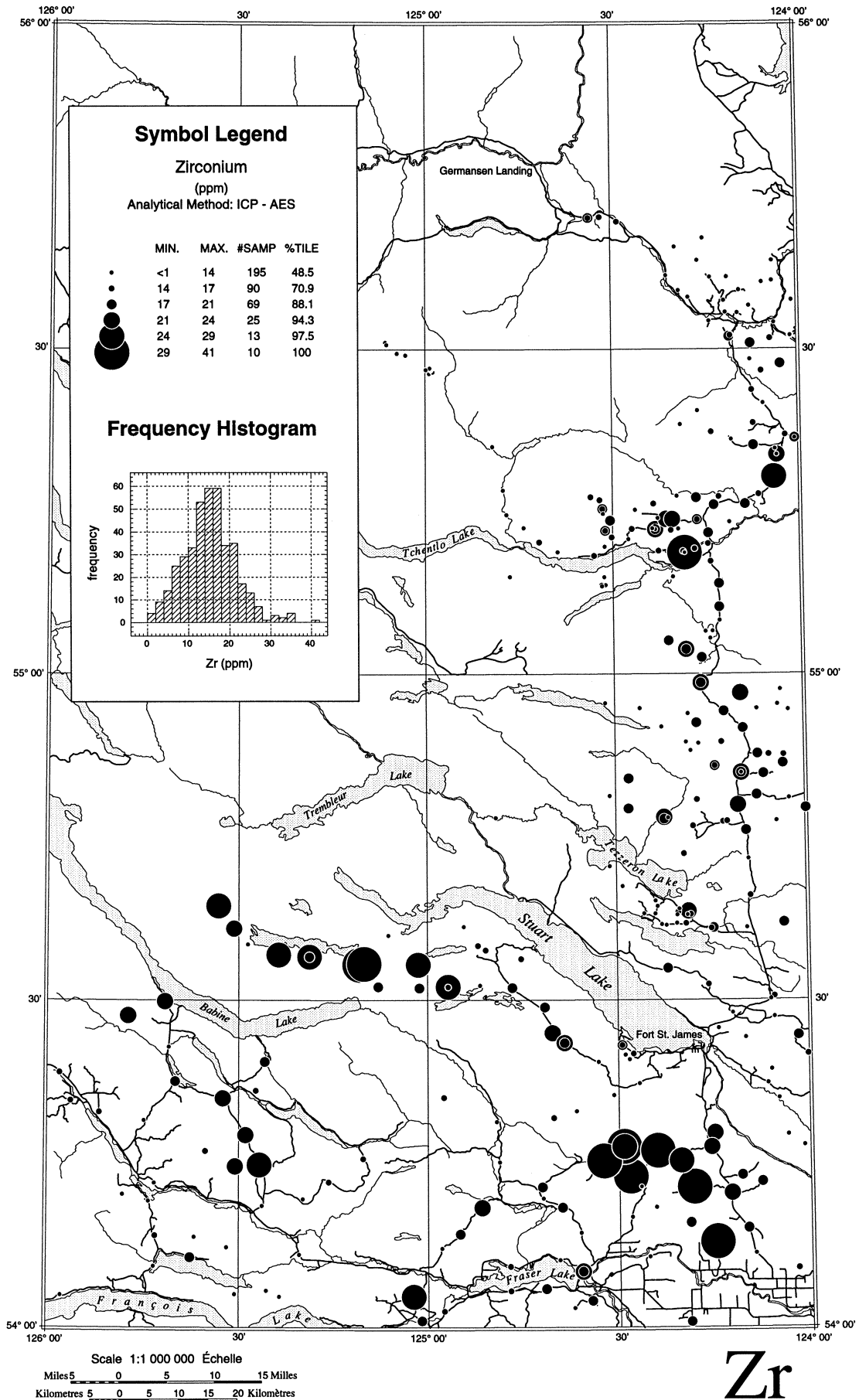
Yttrium in the <0.002 mm fraction of till



Zinc in the <0.002 mm fraction of till



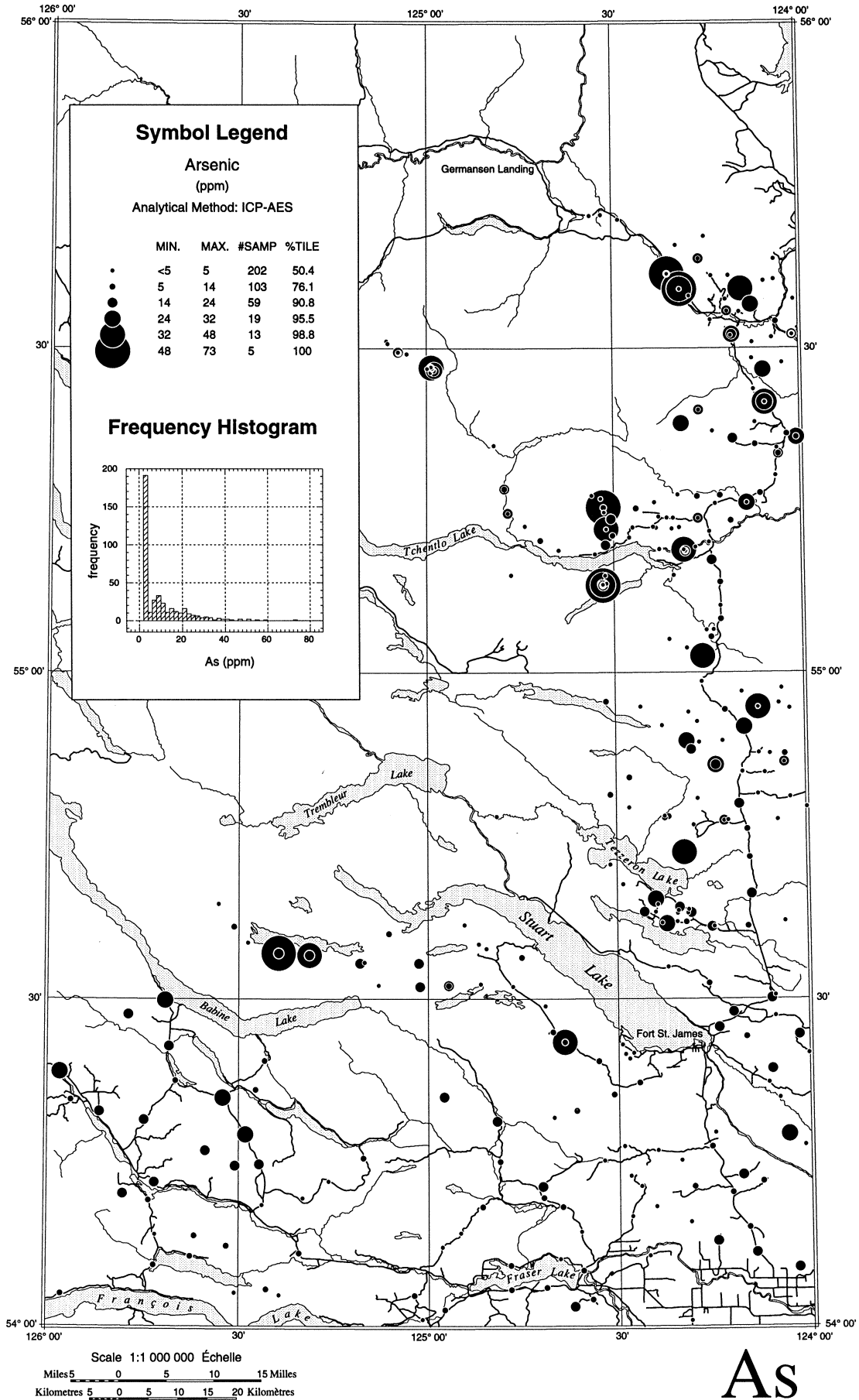
Zirconium in the <0.002 mm fraction of till



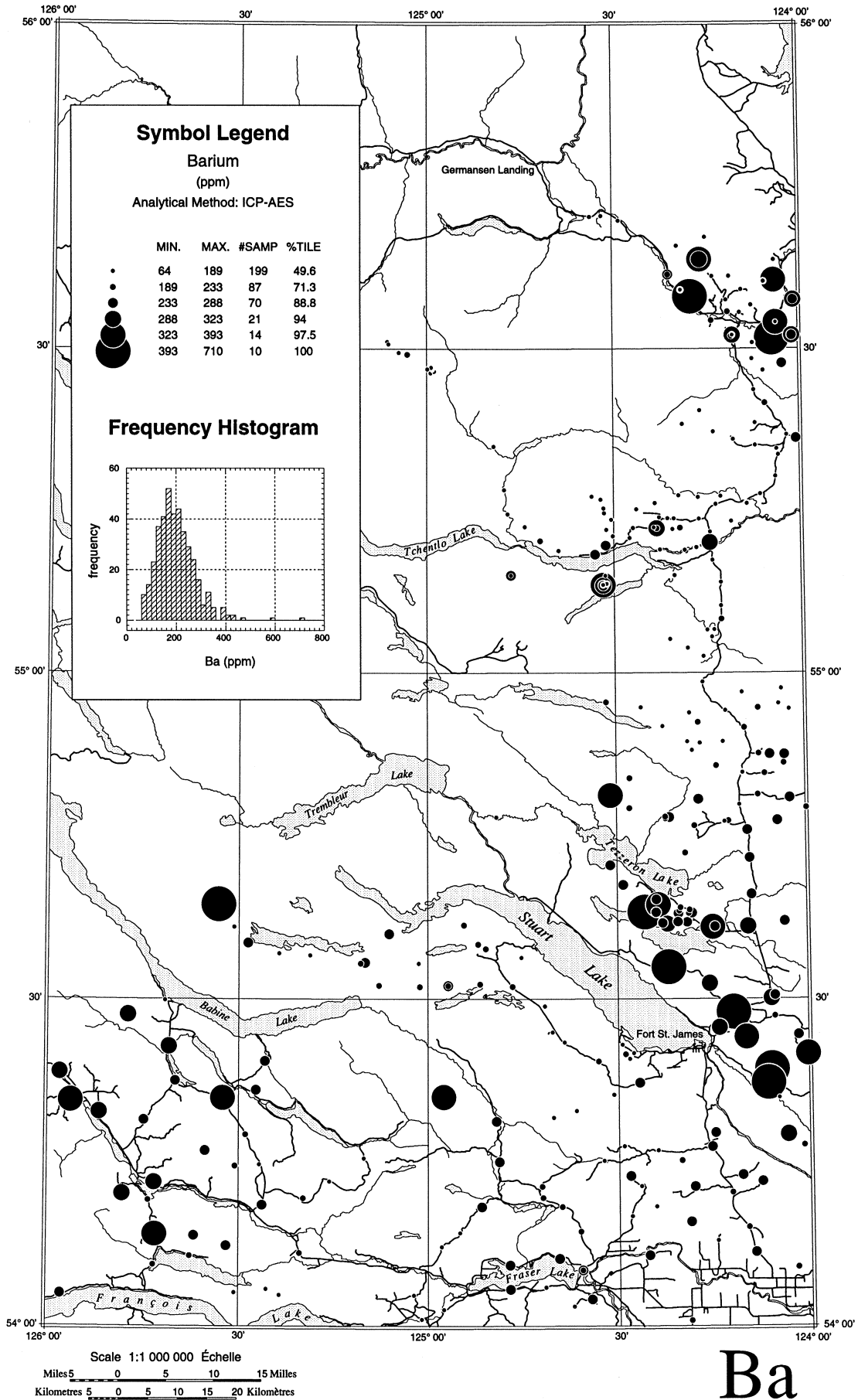
Appendix 5

Dot value geochemical maps
silt plus clay size fraction (<63 μm)
ICP-AES

Arsenic in the <0.063 mm fraction of till

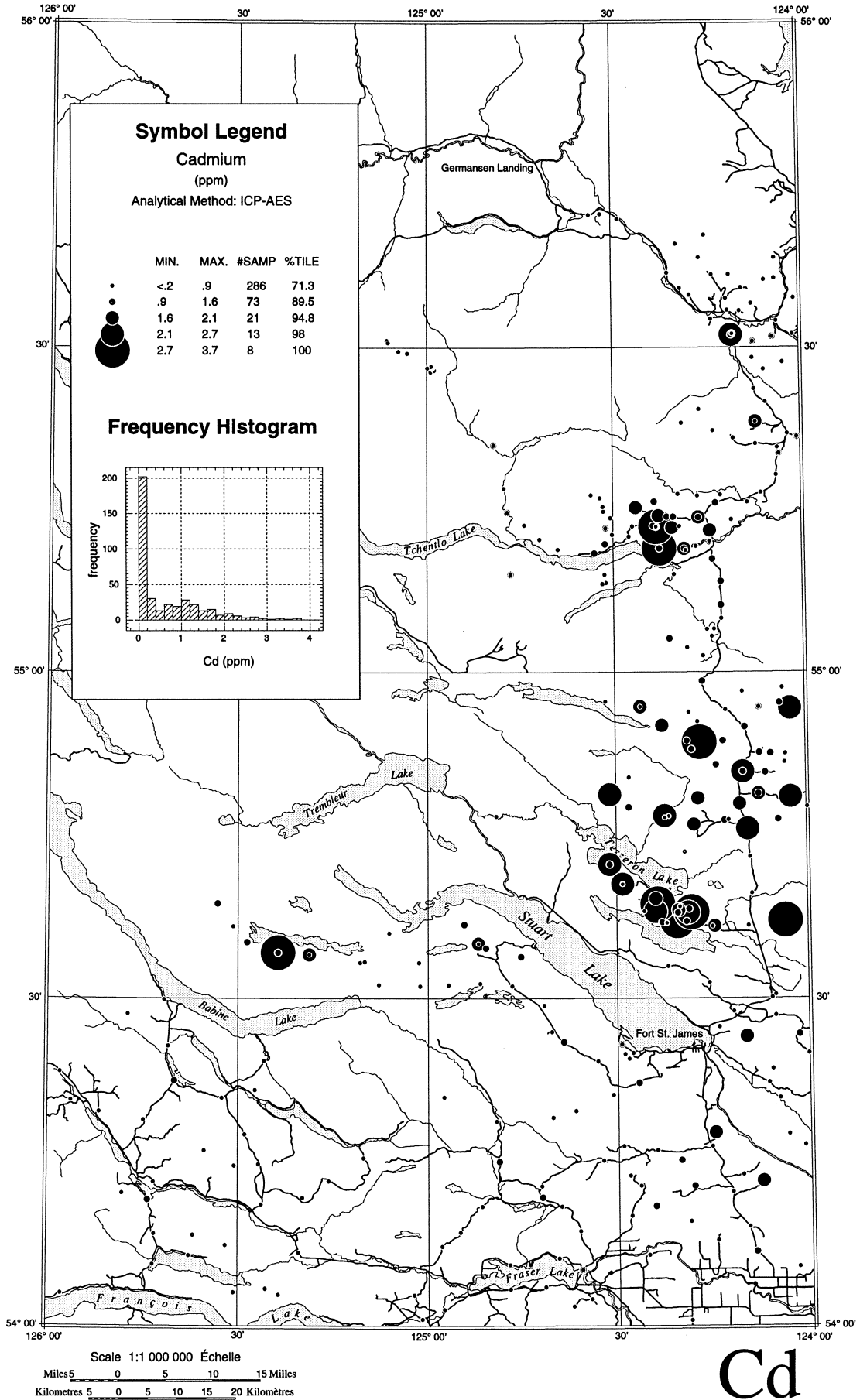


Barium in the <0.063 mm fraction of till

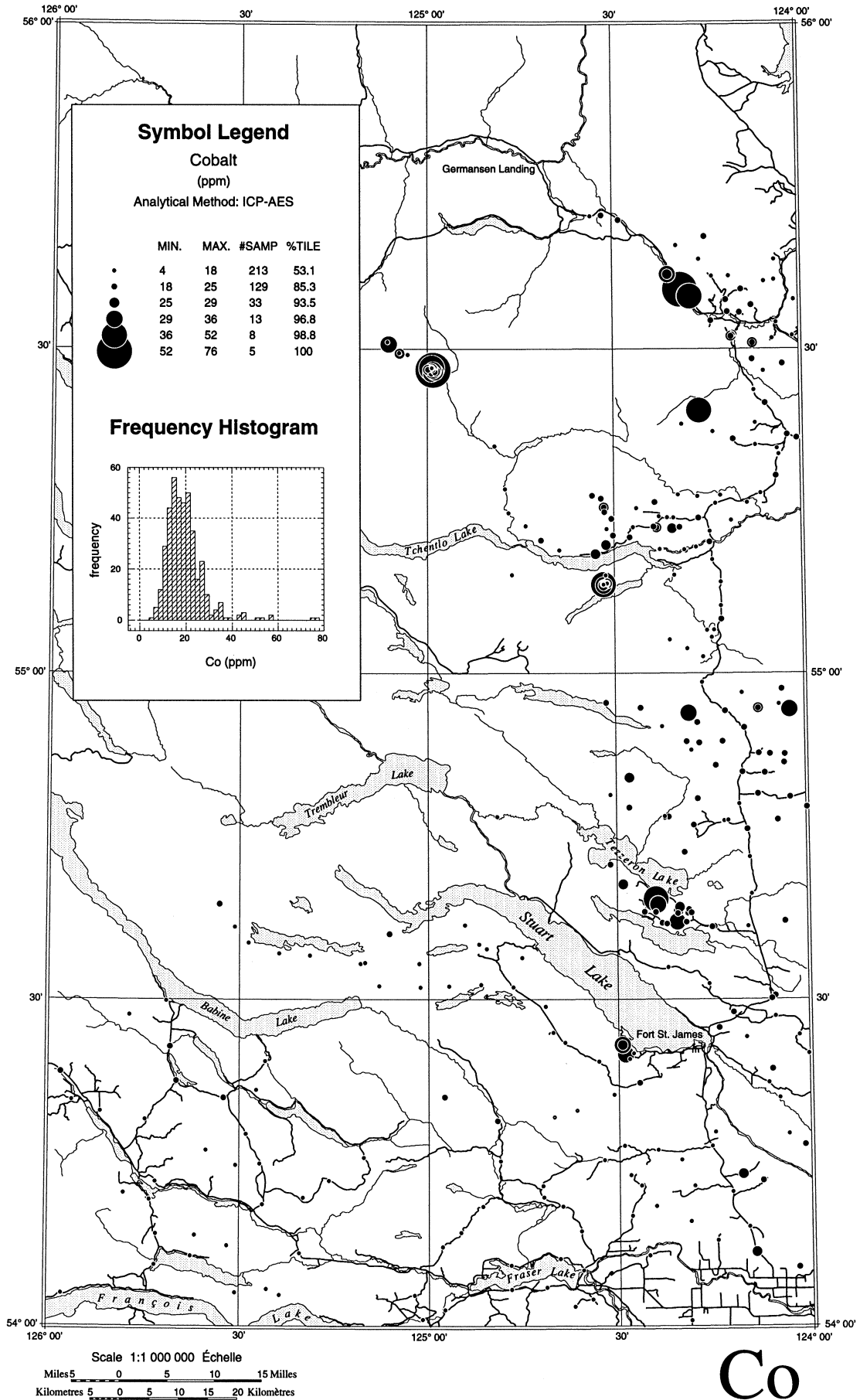


Ba

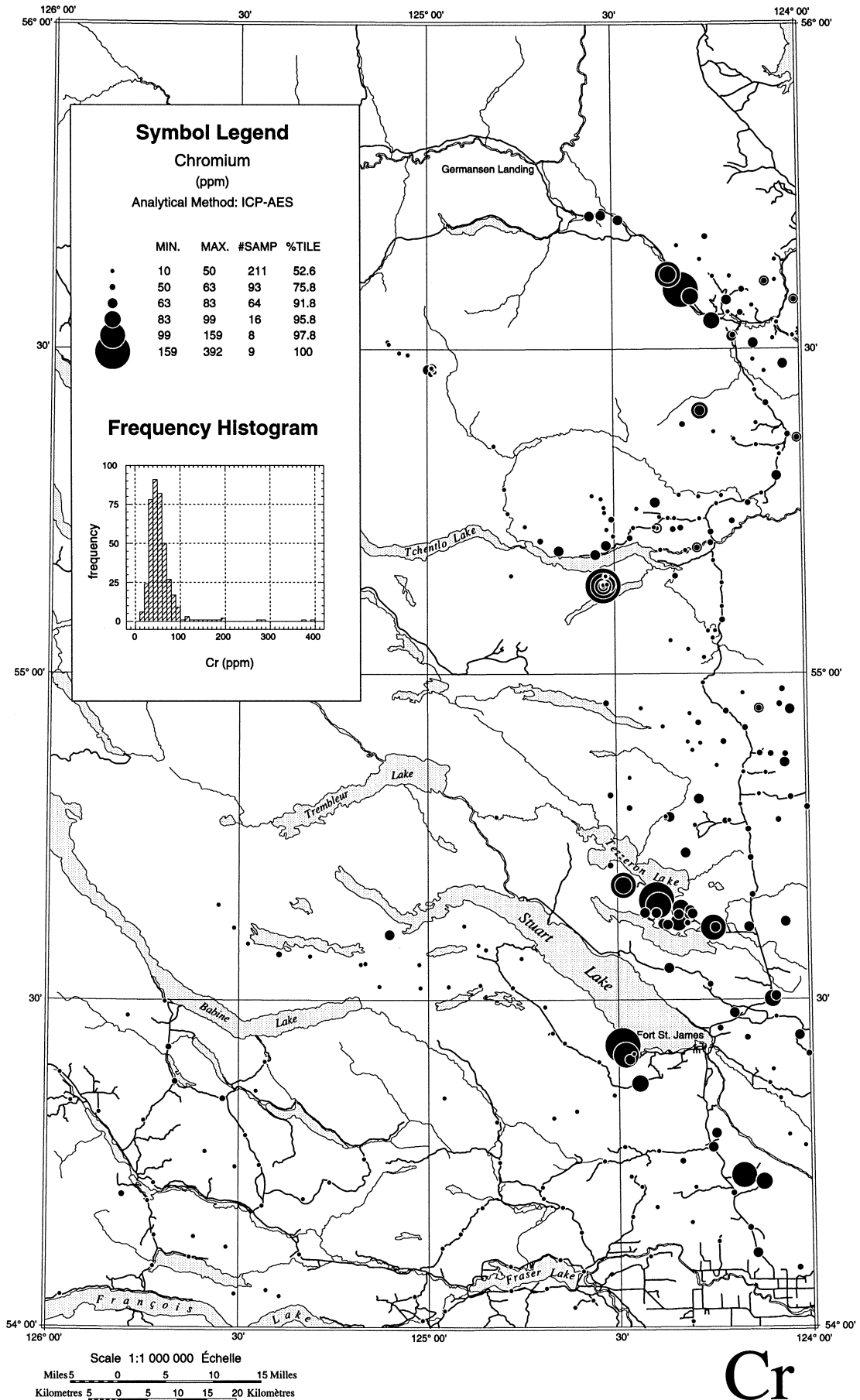
Cadmium in the <0.063 mm fraction of till



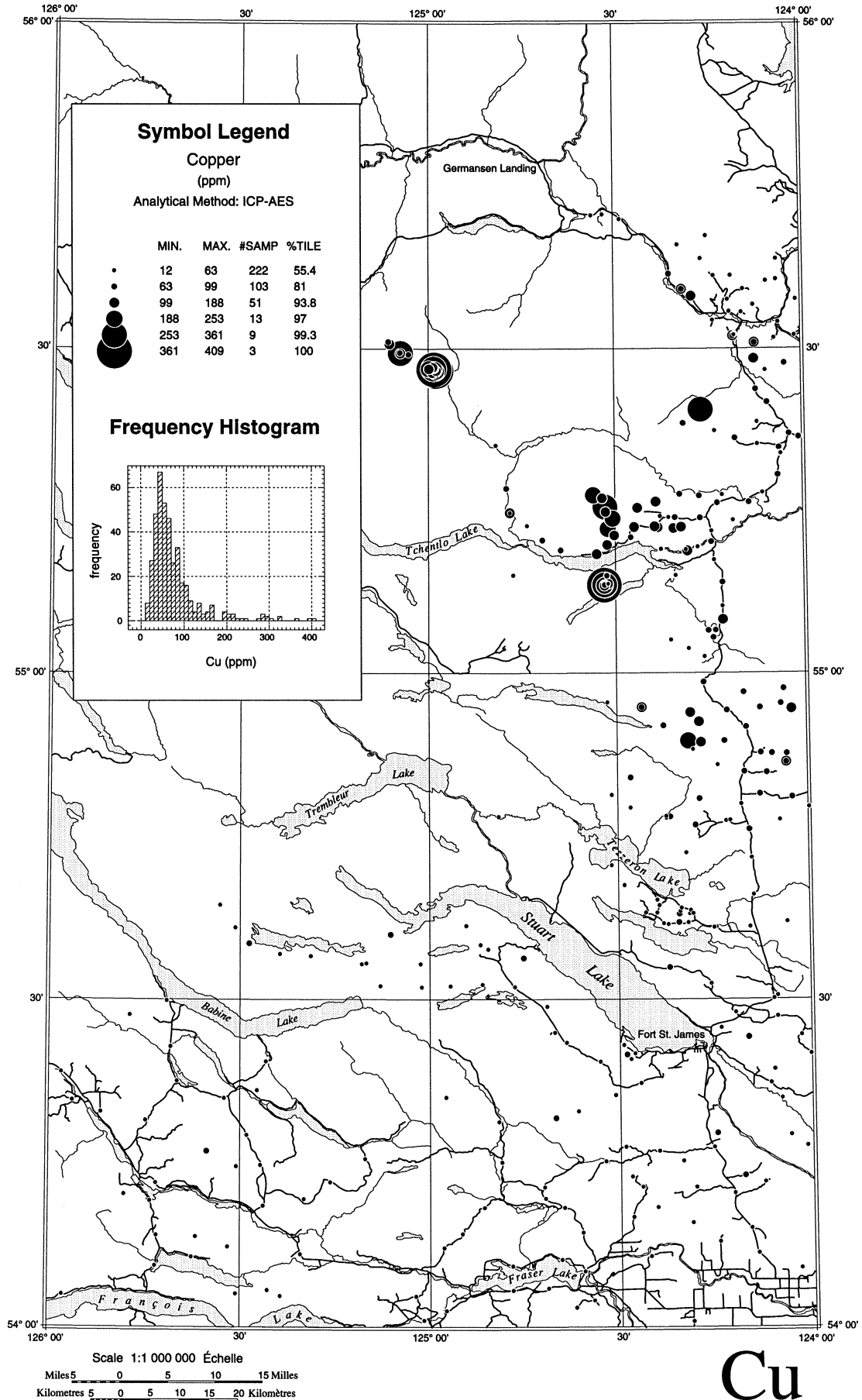
Cobalt in the <0.063 mm fraction of till



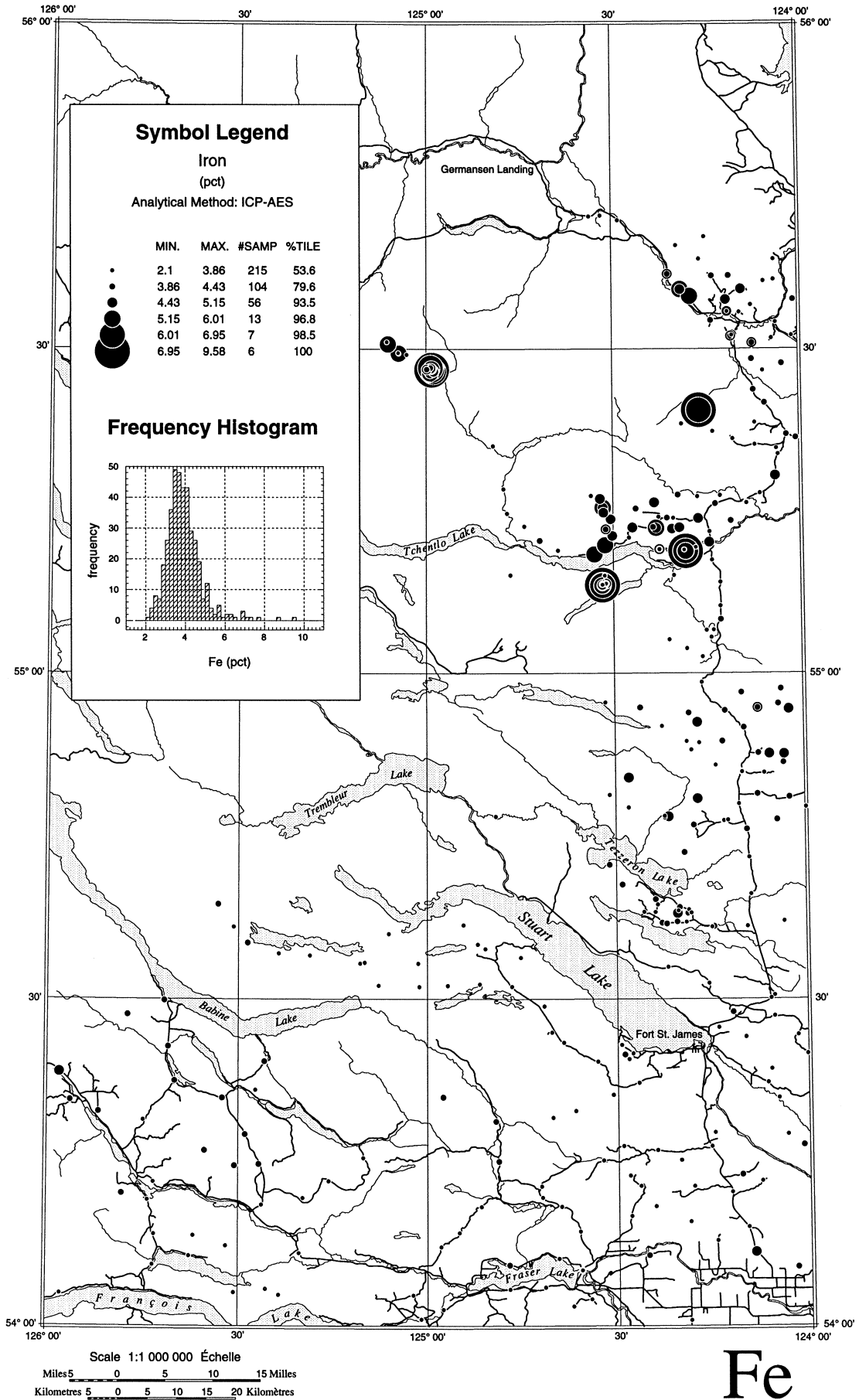
Chromium in the <0.063 mm fraction of till



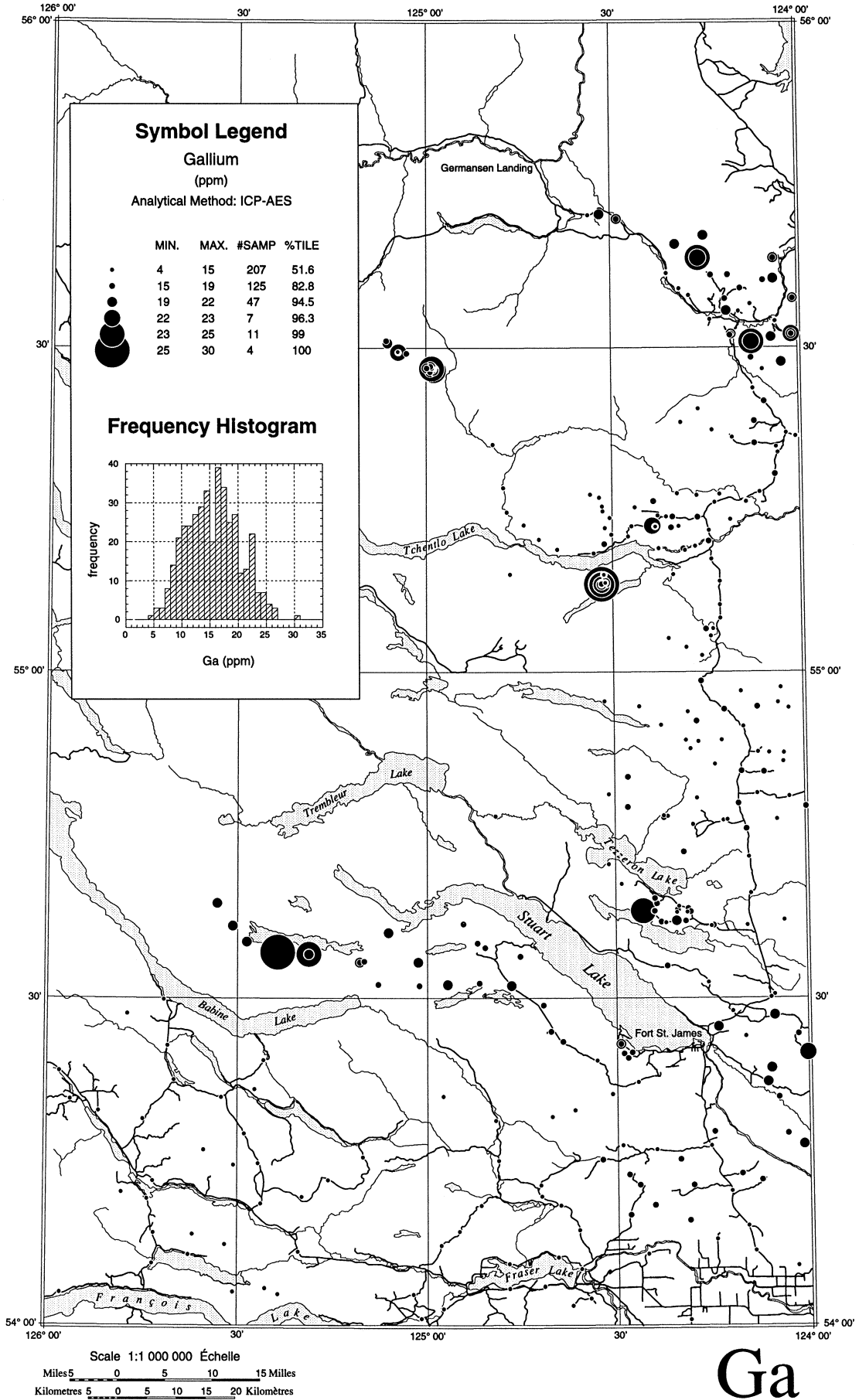
Copper in the <0.063 mm fraction of till



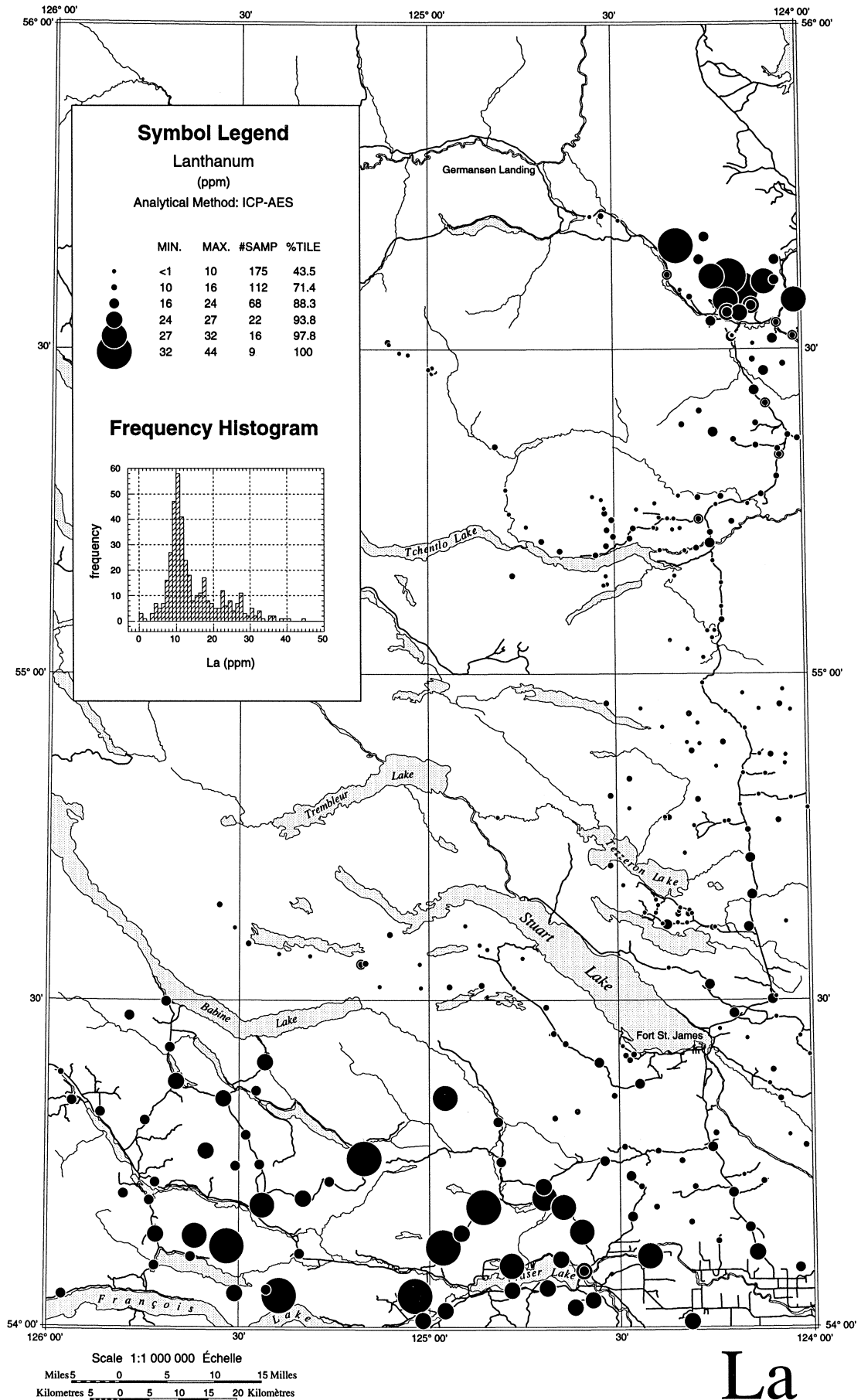
Iron in the <0.063 mm fraction of till



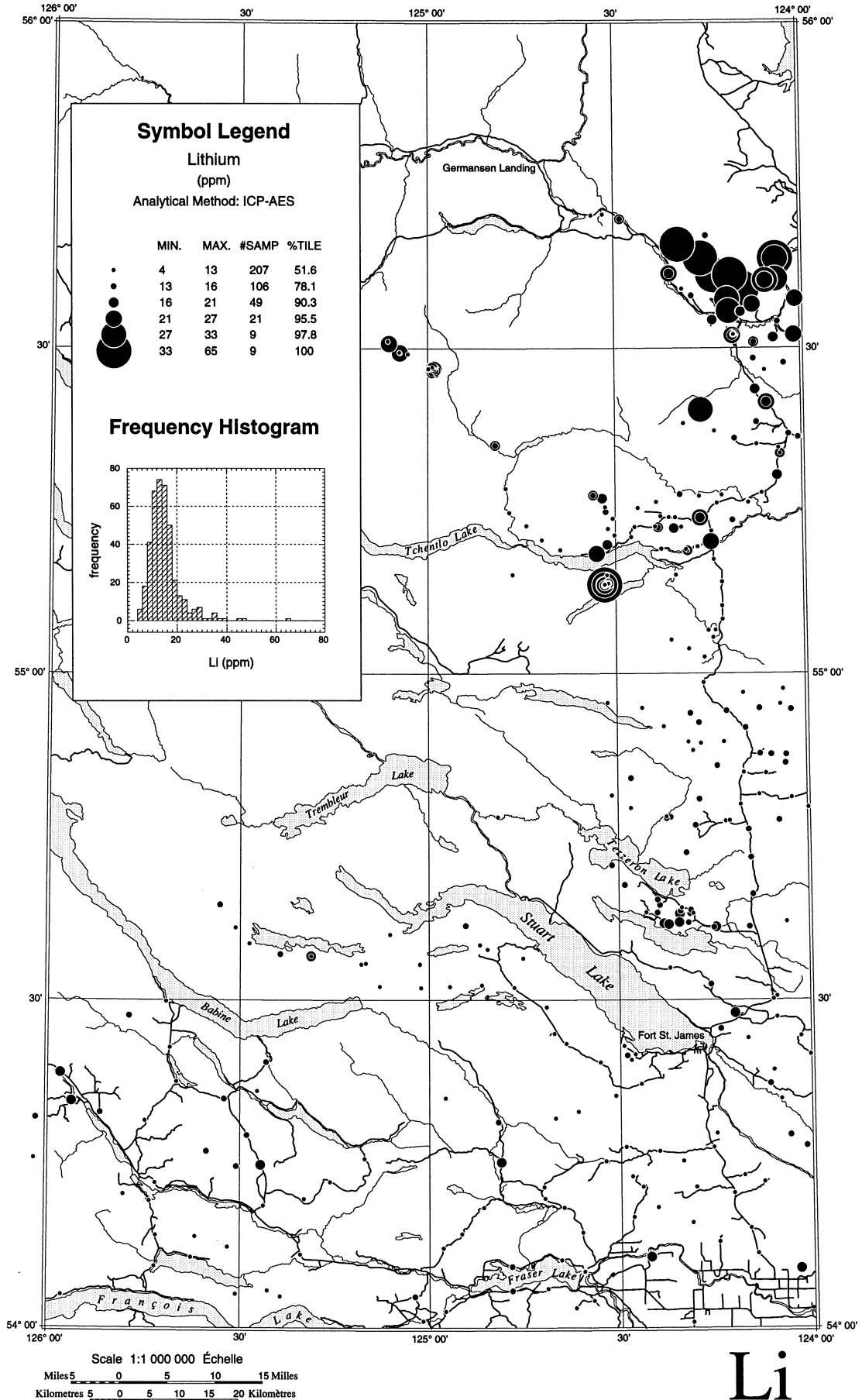
Gallium in the <0.063 mm fraction of till



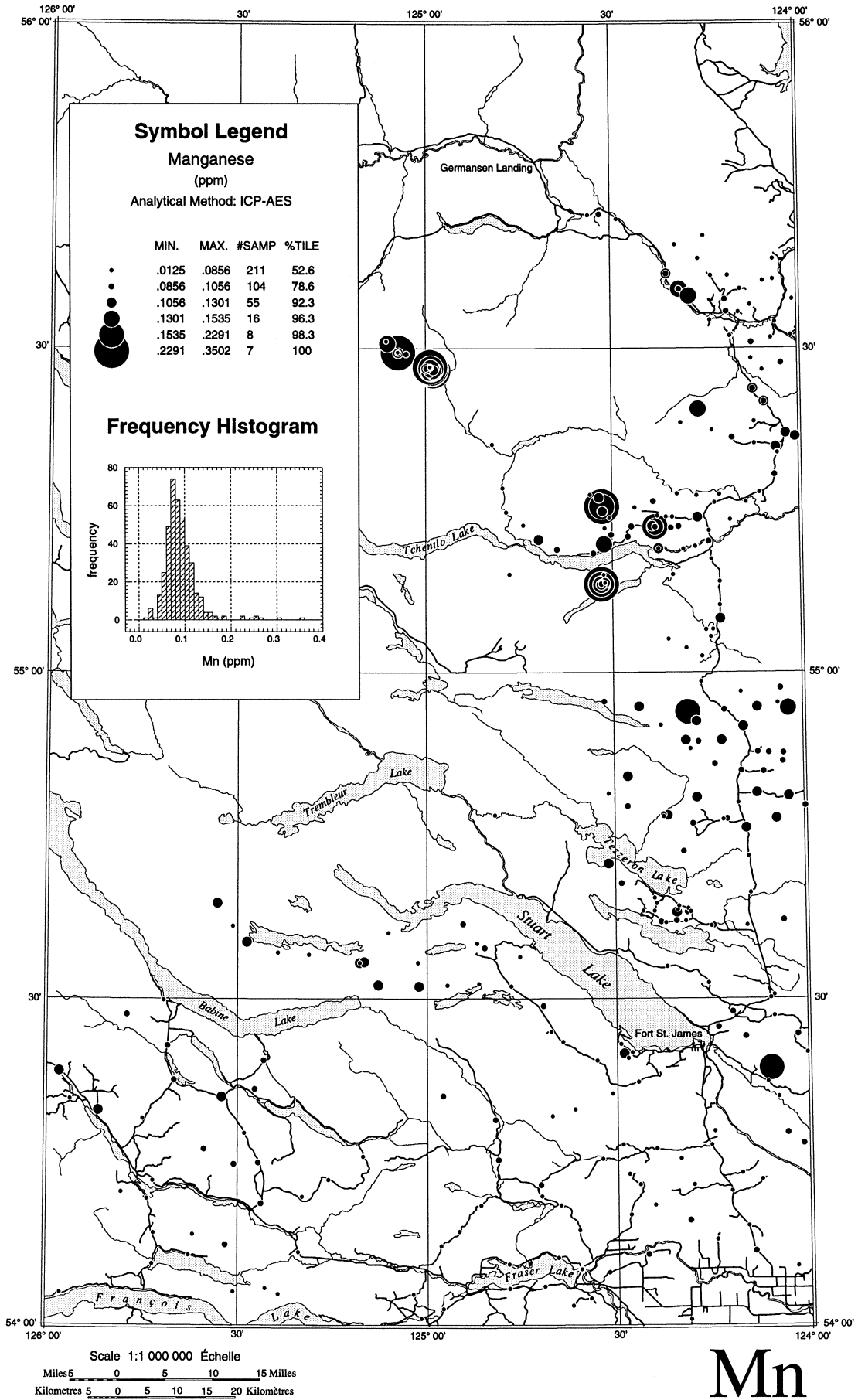
Lanthanum in the <0.063 mm fraction of till



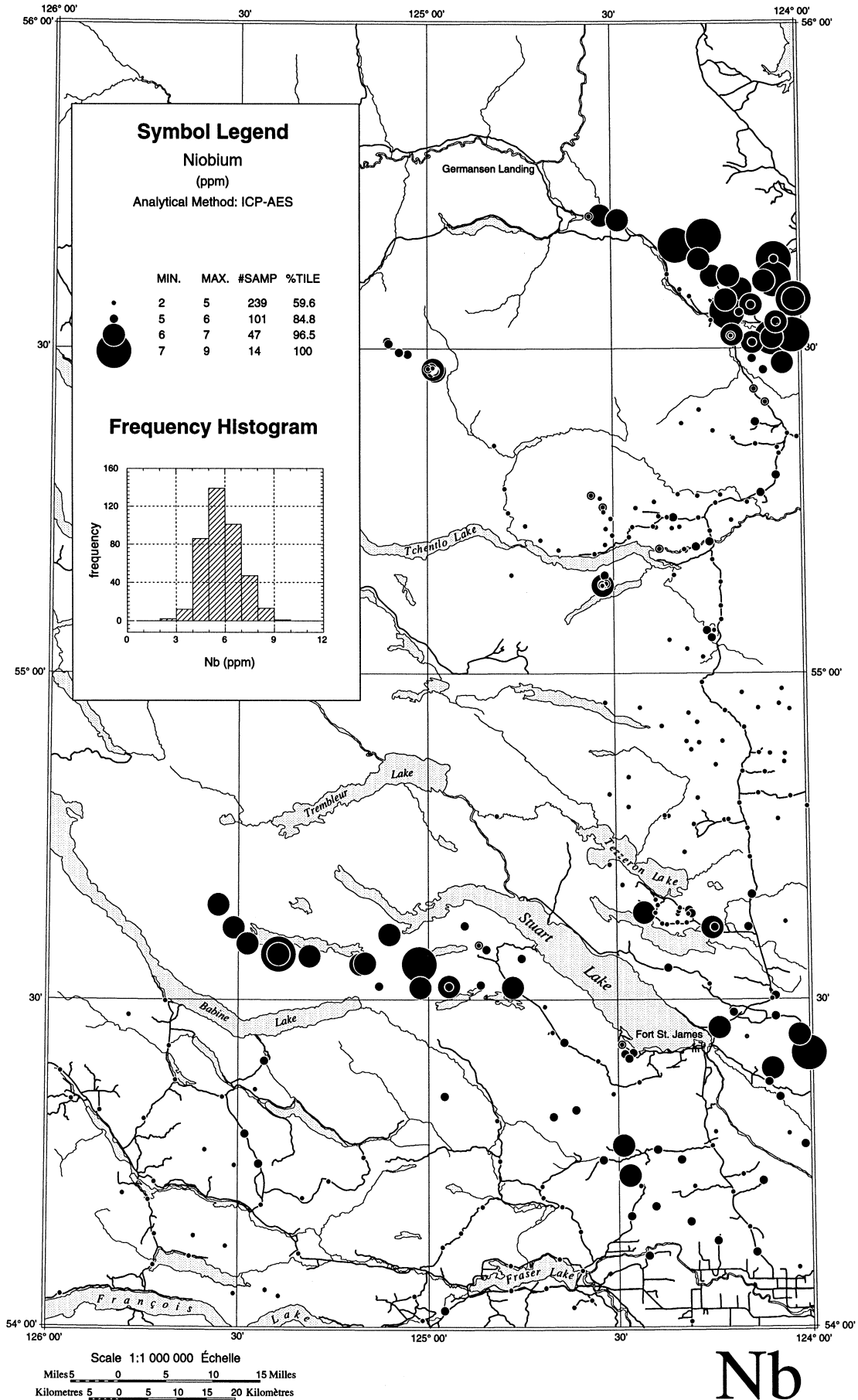
Lithium in the <0.063 mm fraction of till



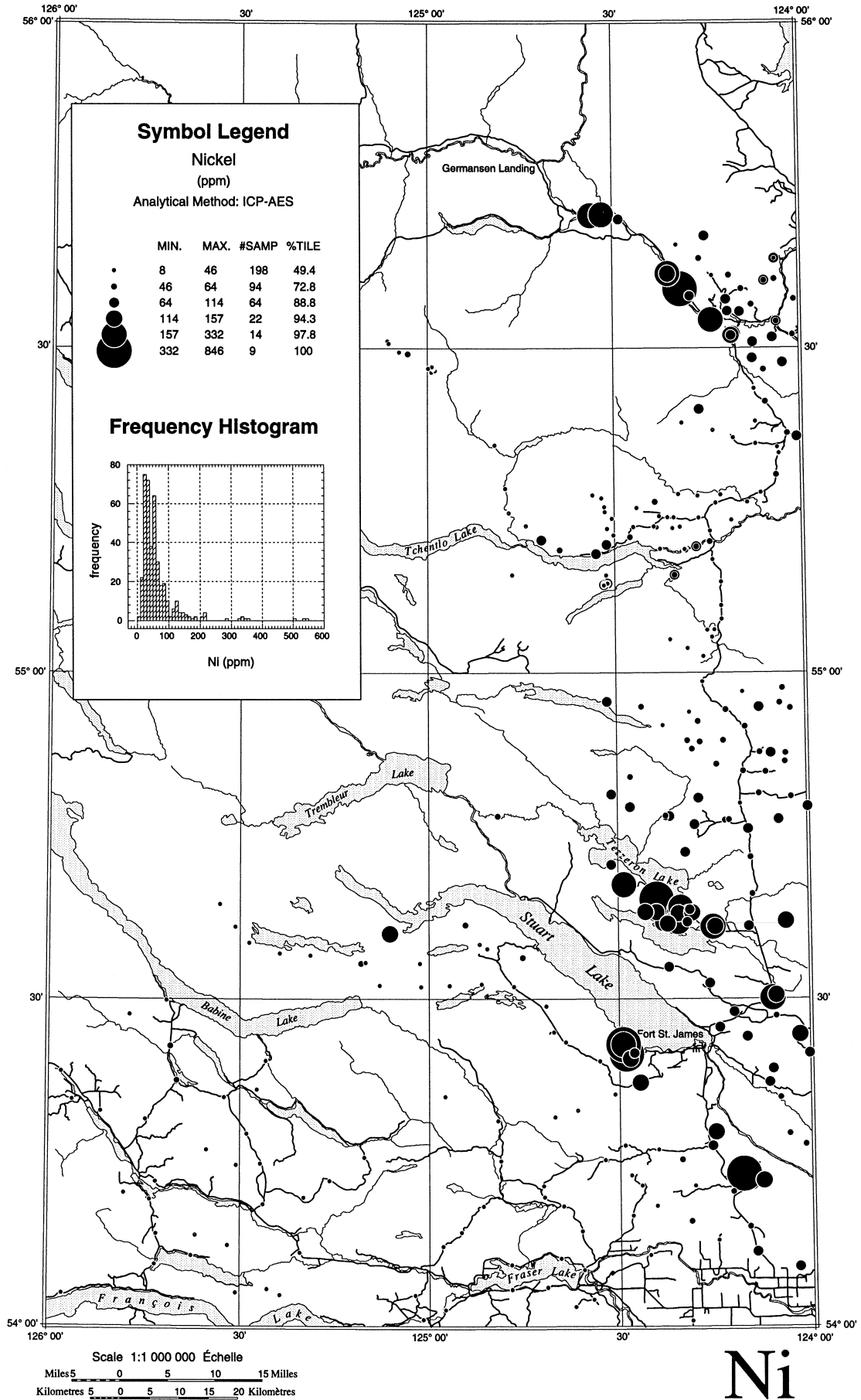
Manganese in the <0.063 mm fraction of till



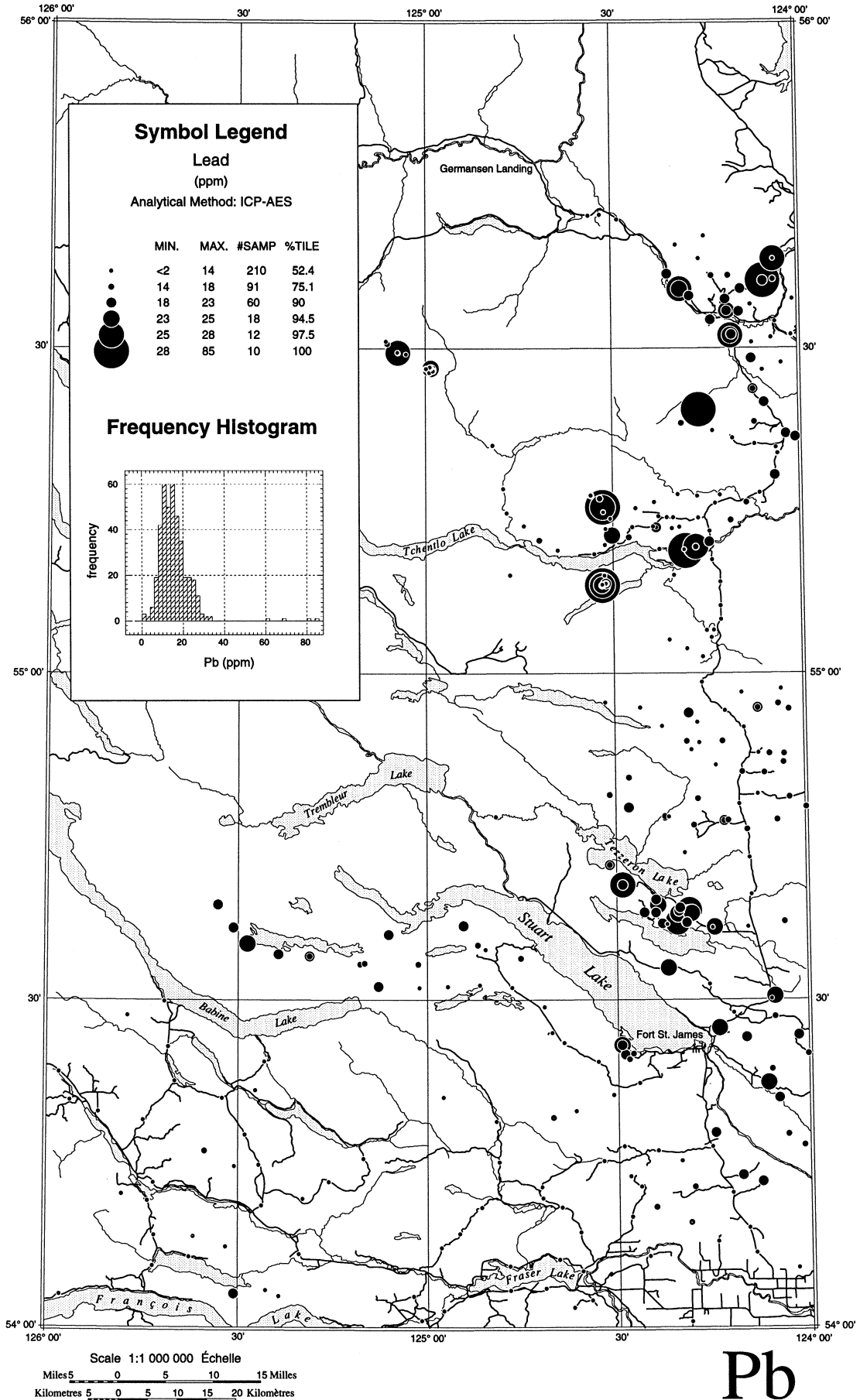
Niobium in the <0.063 mm fraction of till



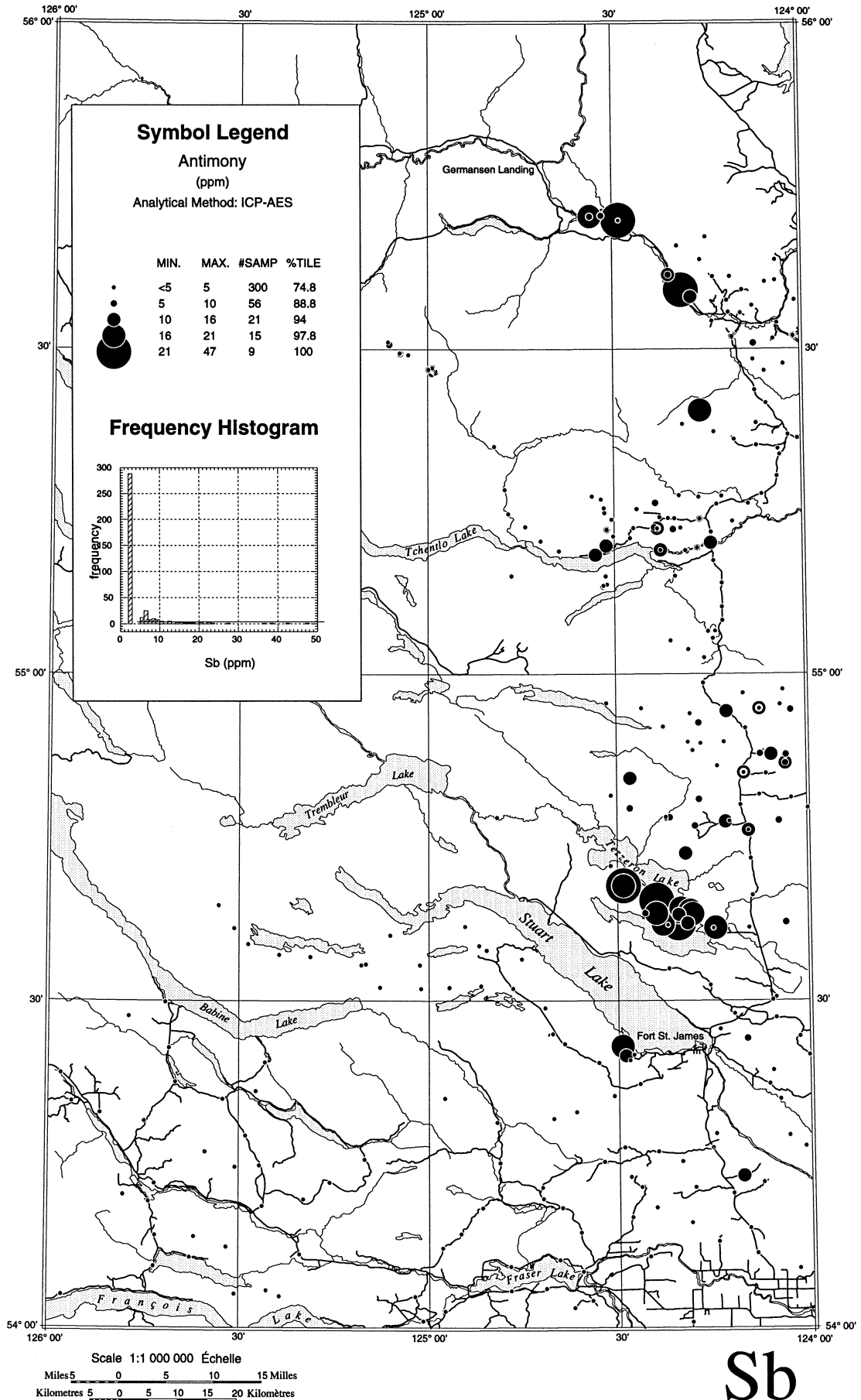
Nickel in the <0.063 mm fraction of till



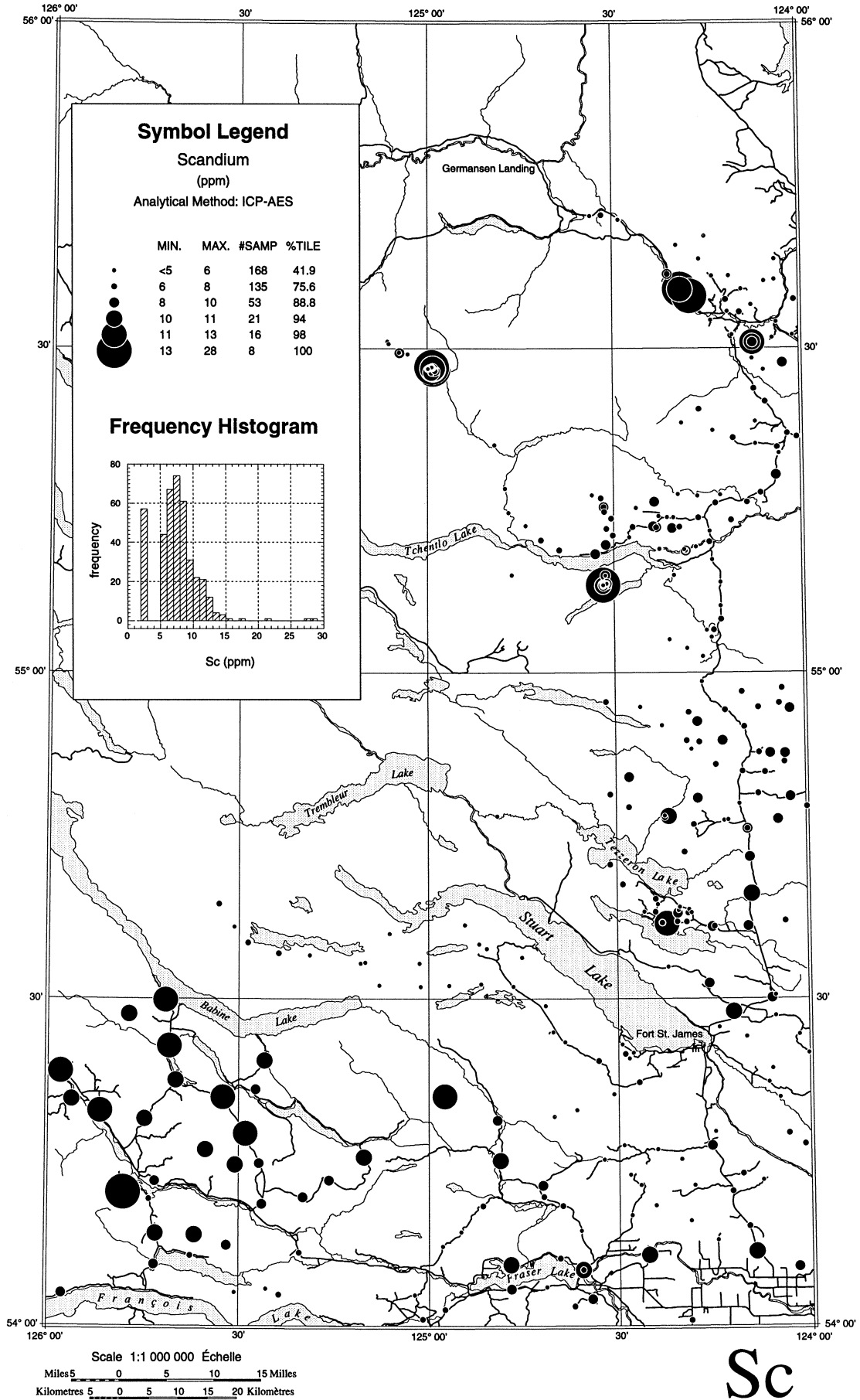
Lead in the <0.063 mm fraction of till



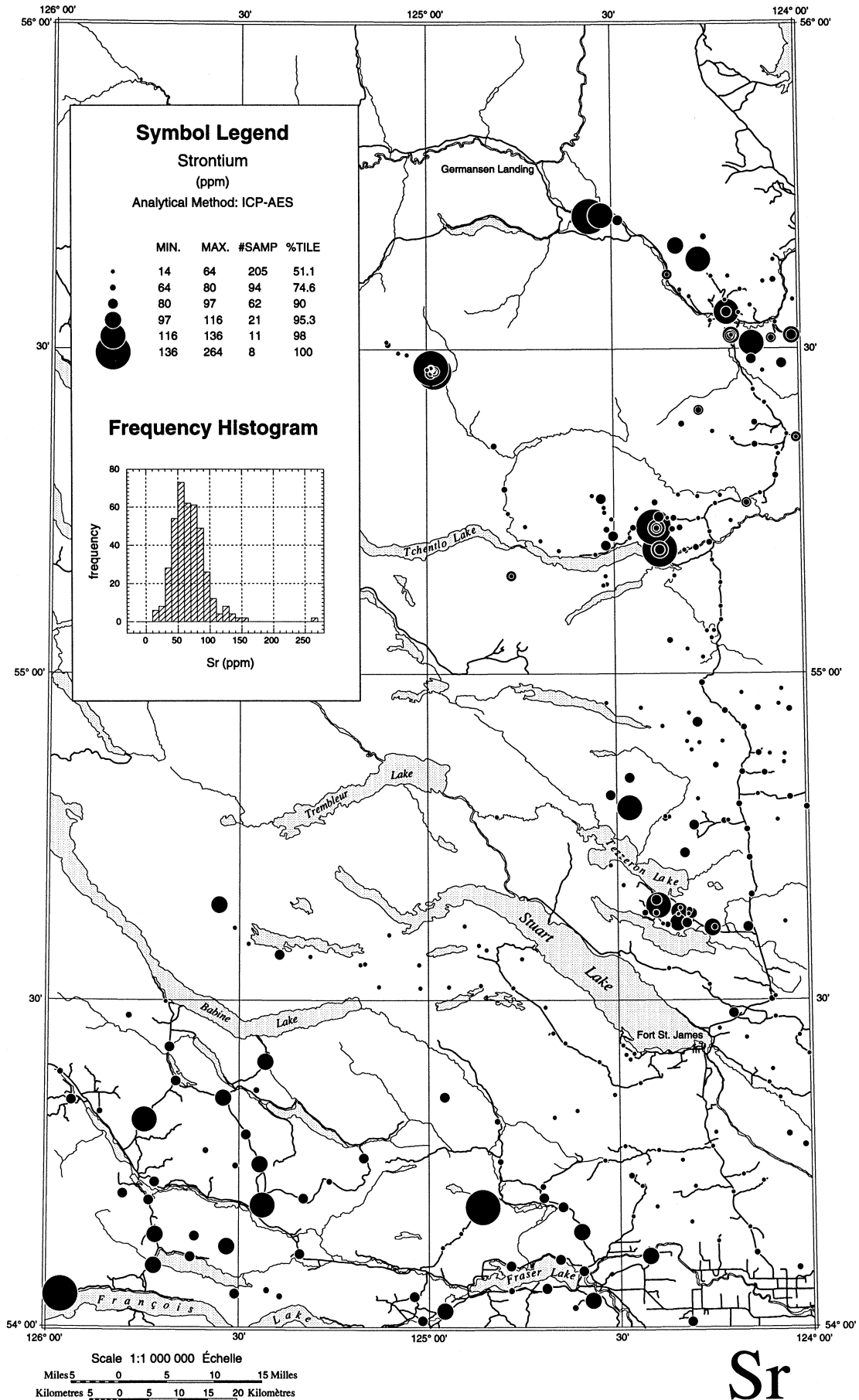
Antimony in the <0.063 mm fraction of till



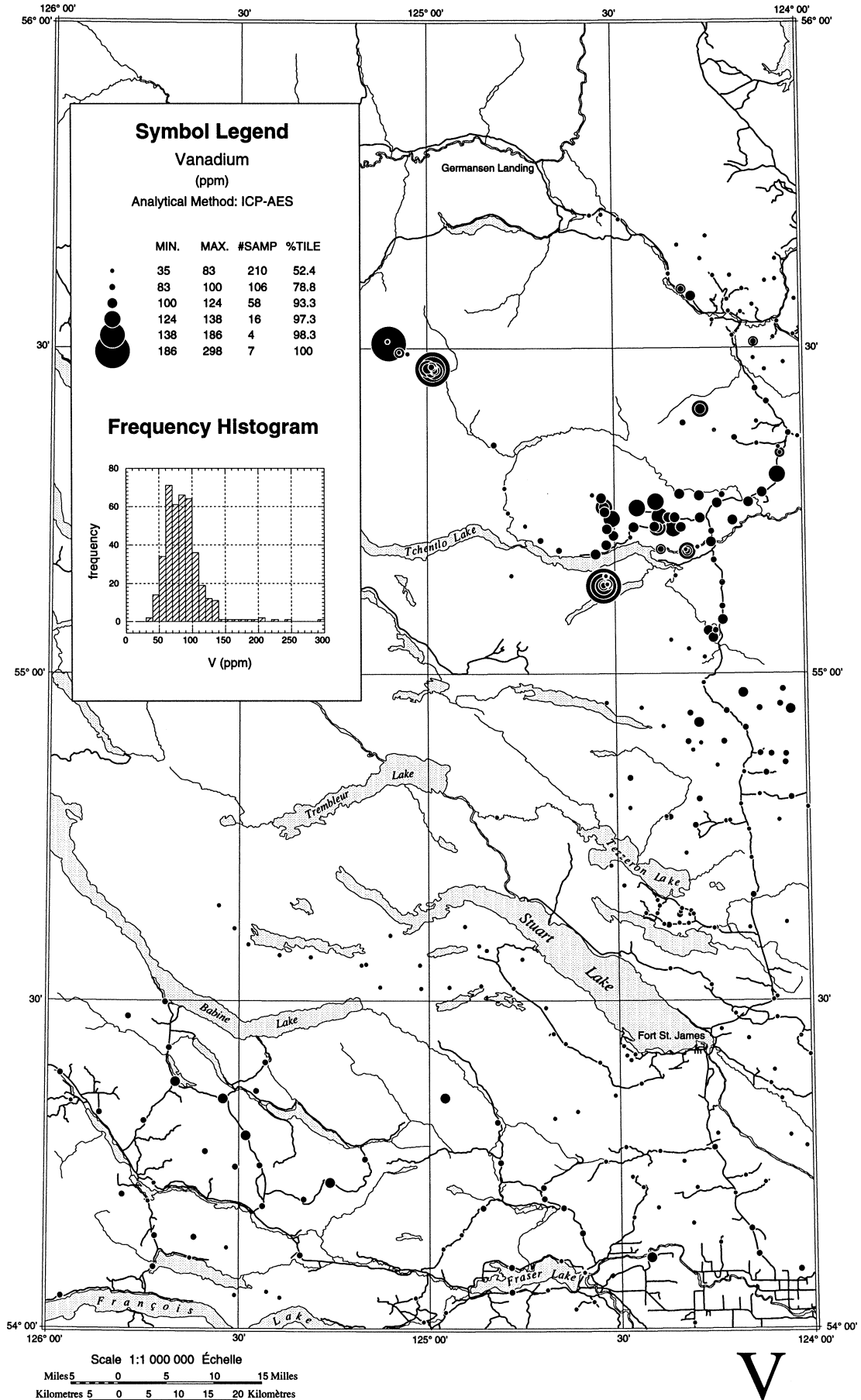
Scandium in the <0.063 mm fraction of till



Strontium in the <0.063 mm fraction of till

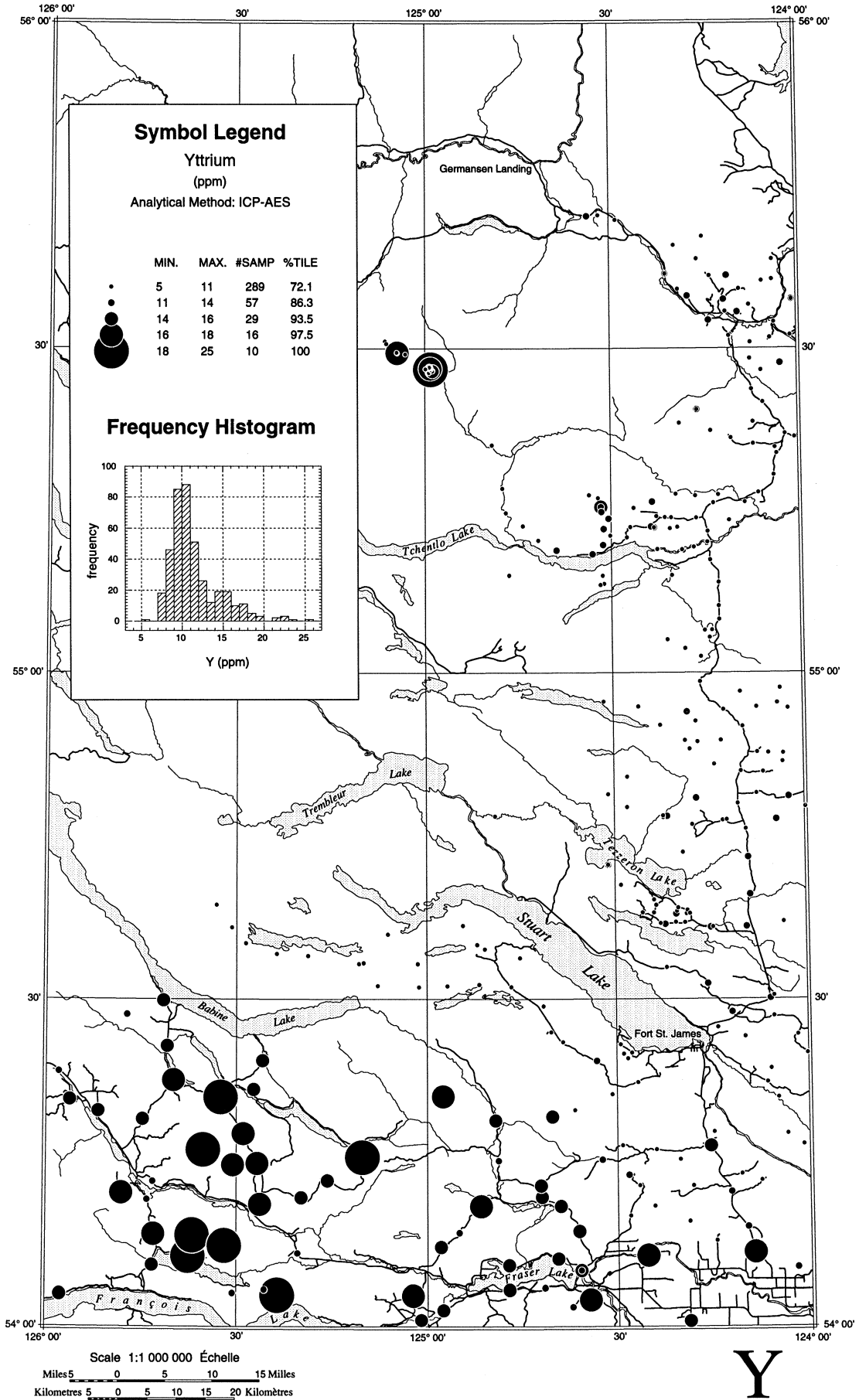


Vanadium in the <0.063 mm fraction of till

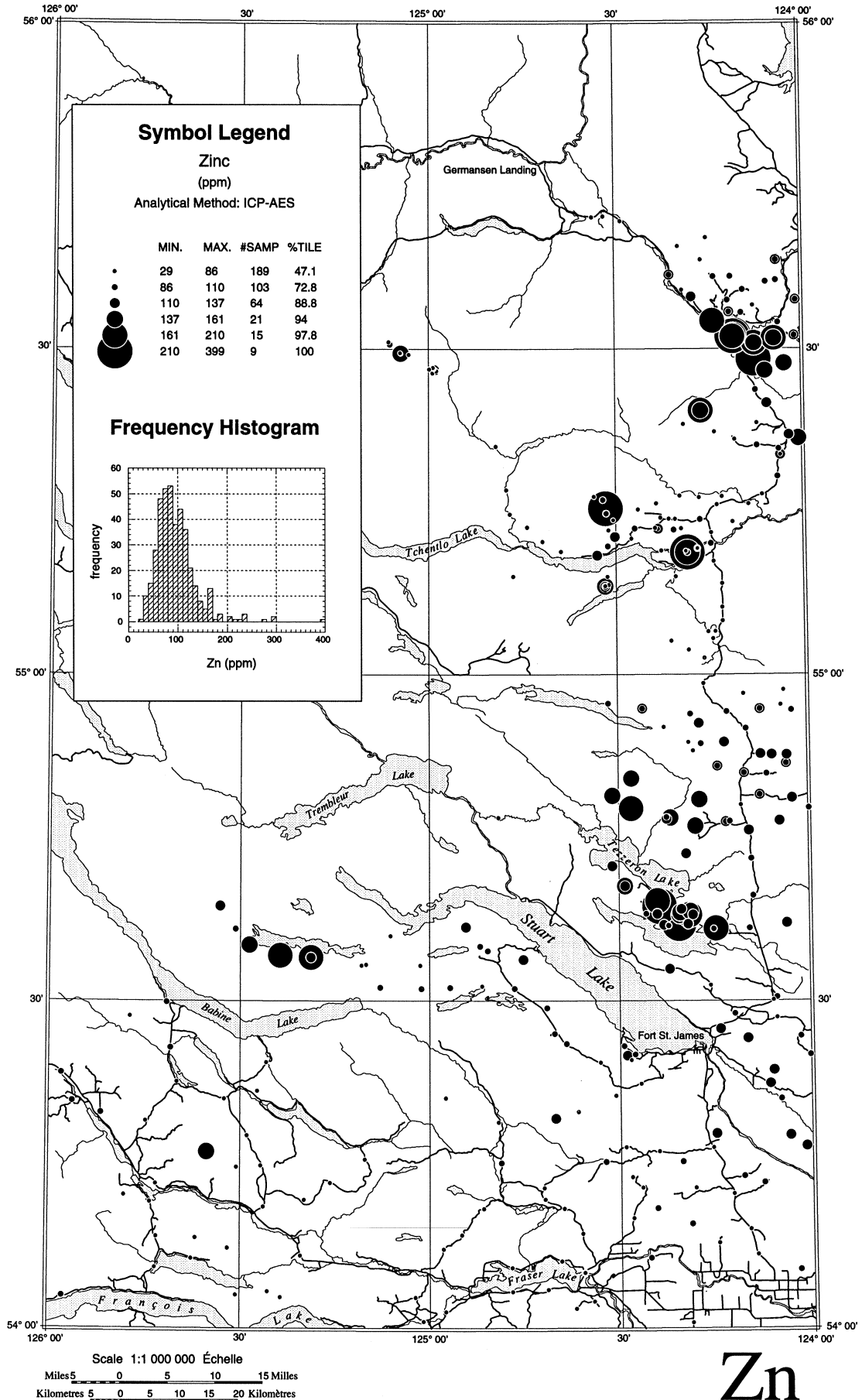


V

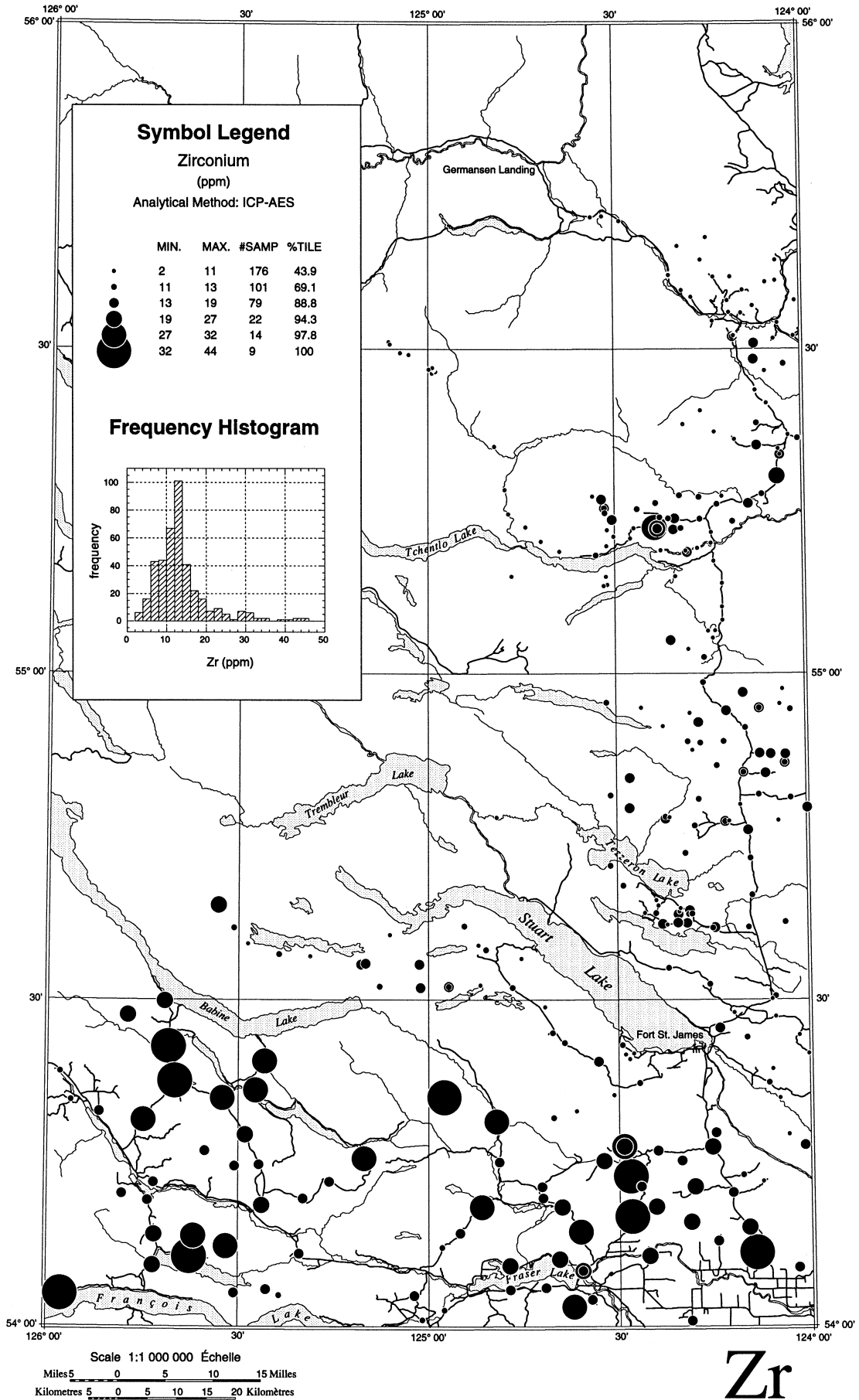
Yttrium in the <0.063 mm fraction of till



Zinc in the <0.063 mm fraction of till



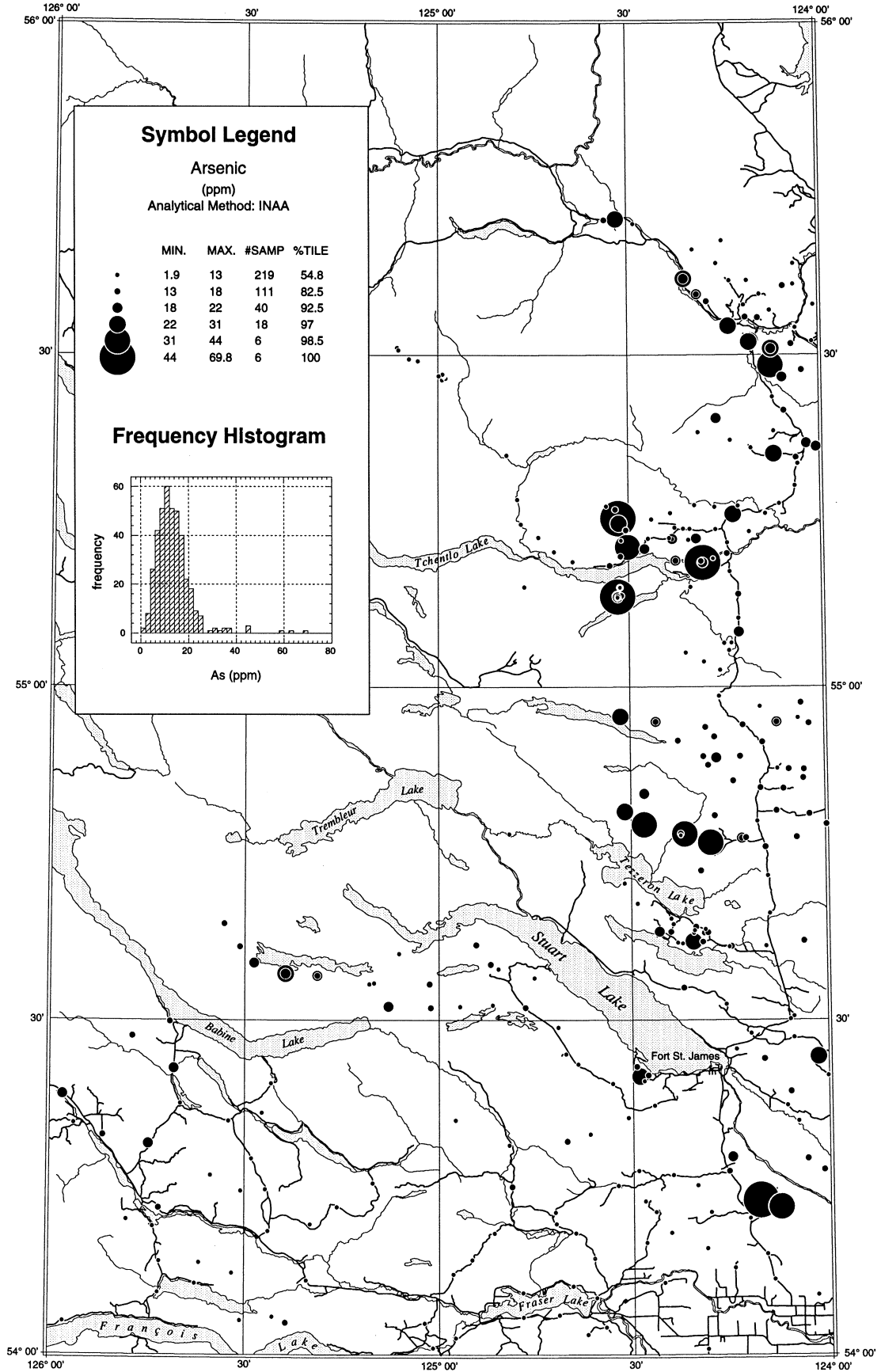
Zirconium in the <0.063 mm fraction of till



Appendix 6

Dot value geochemical maps
silt plus clay size fraction (<63 μm)
INAA

Arsenic in the <0.063 mm fraction of till



Symbol Legend

Arsenic
(ppm)
Analytical Method: INAA

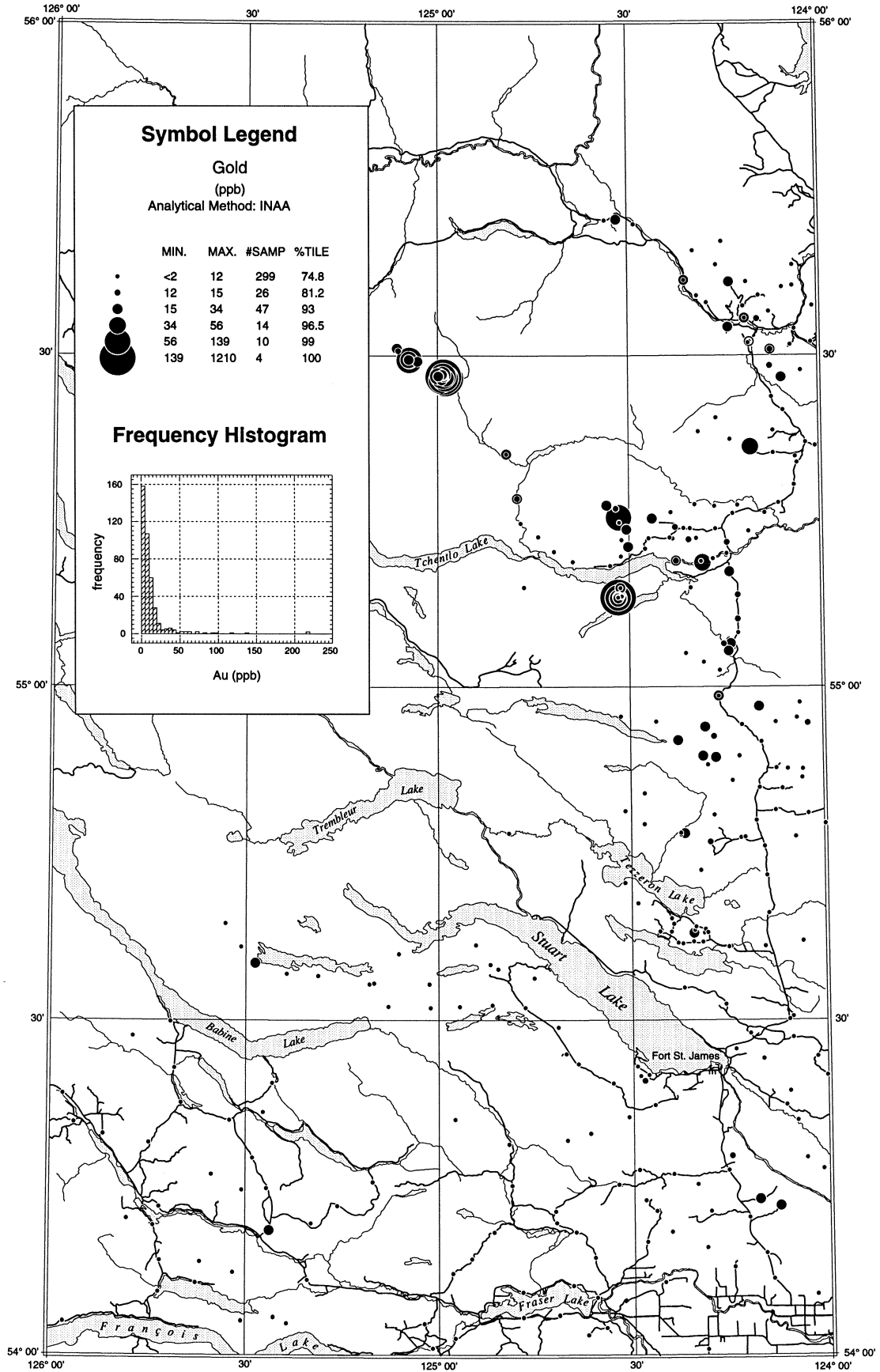
MIN.	MAX.	#SAMP	%TILE
1.9	13	219	54.8
13	18	111	82.5
18	22	40	92.5
22	31	18	97
31	44	6	98.5
44	69.8	6	100

Frequency Histogram

Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 5 10 15 20 Kilomètres

As

Gold in the <0.063 mm fraction of till

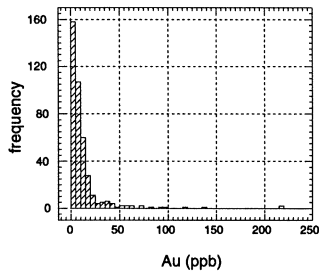


Symbol Legend

Gold
(ppb)
Analytical Method: INAA

	MIN.	MAX.	#SAMP	%TILE
•	<2	12	299	74.8
•	12	15	26	81.2
•	15	34	47	93
•	34	56	14	96.5
•	56	139	10	99
•	139	1210	4	100

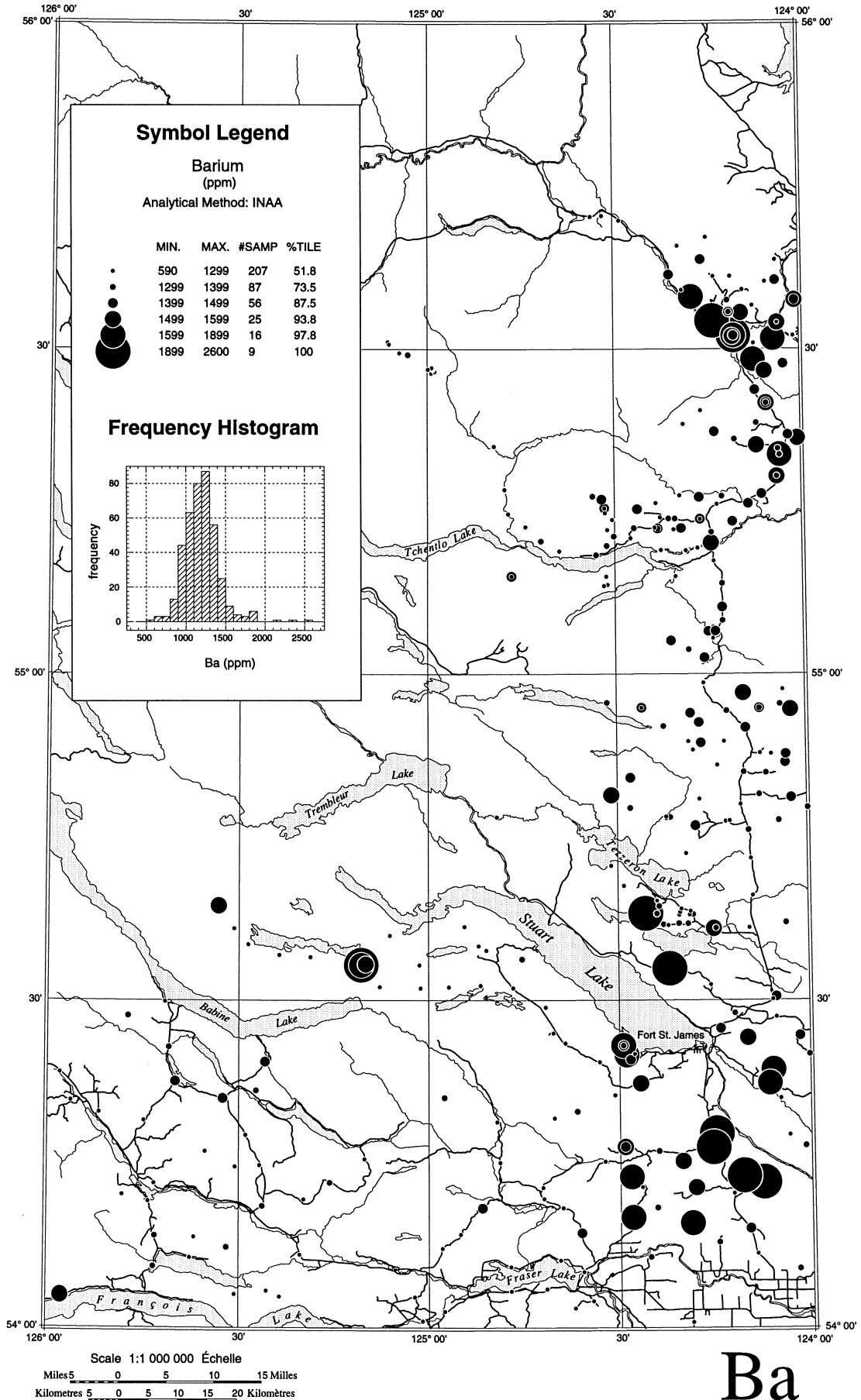
Frequency Histogram



Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 0 5 10 15 20 Kilometres

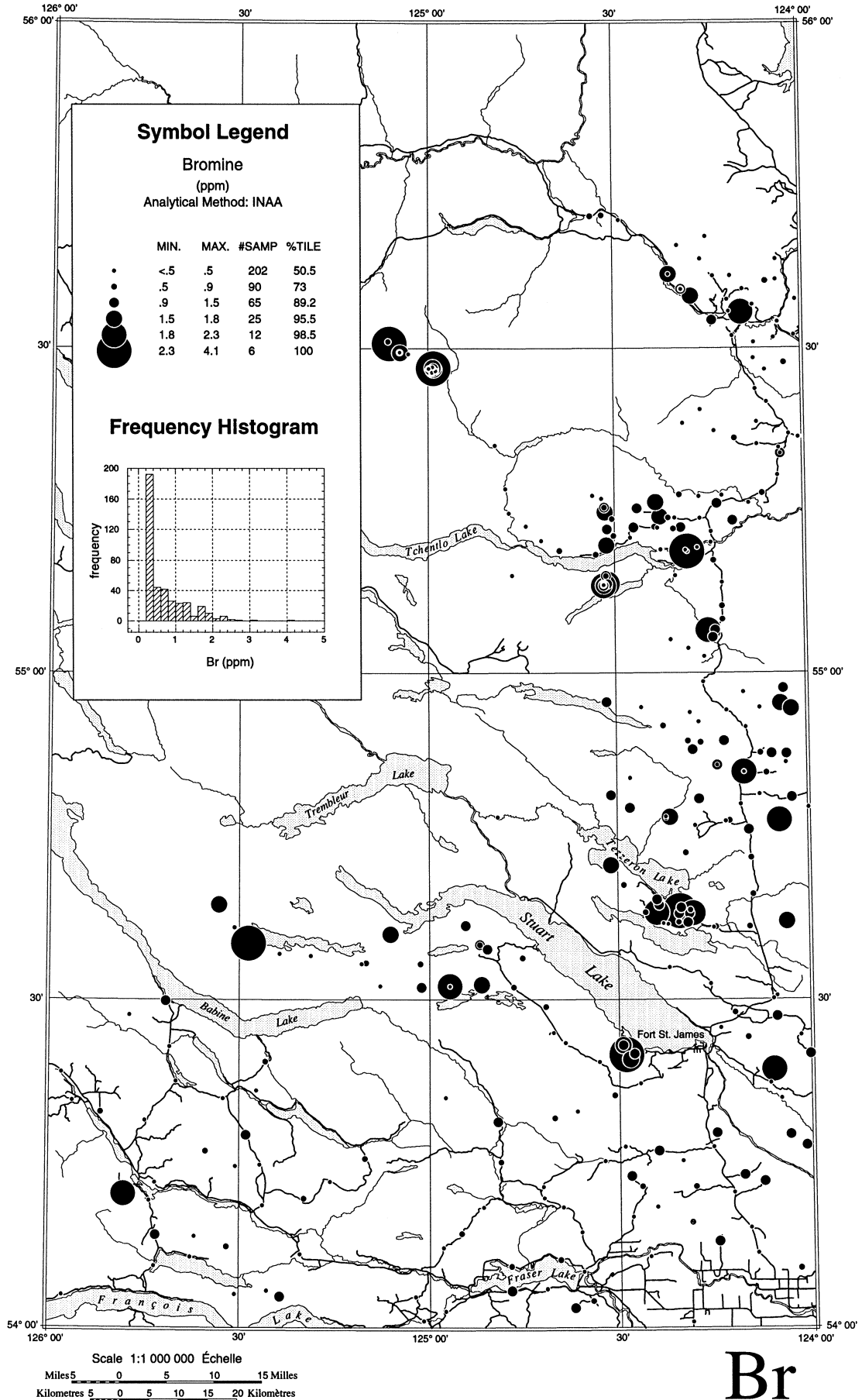
Au

Barium in the <0.063 mm fraction of till

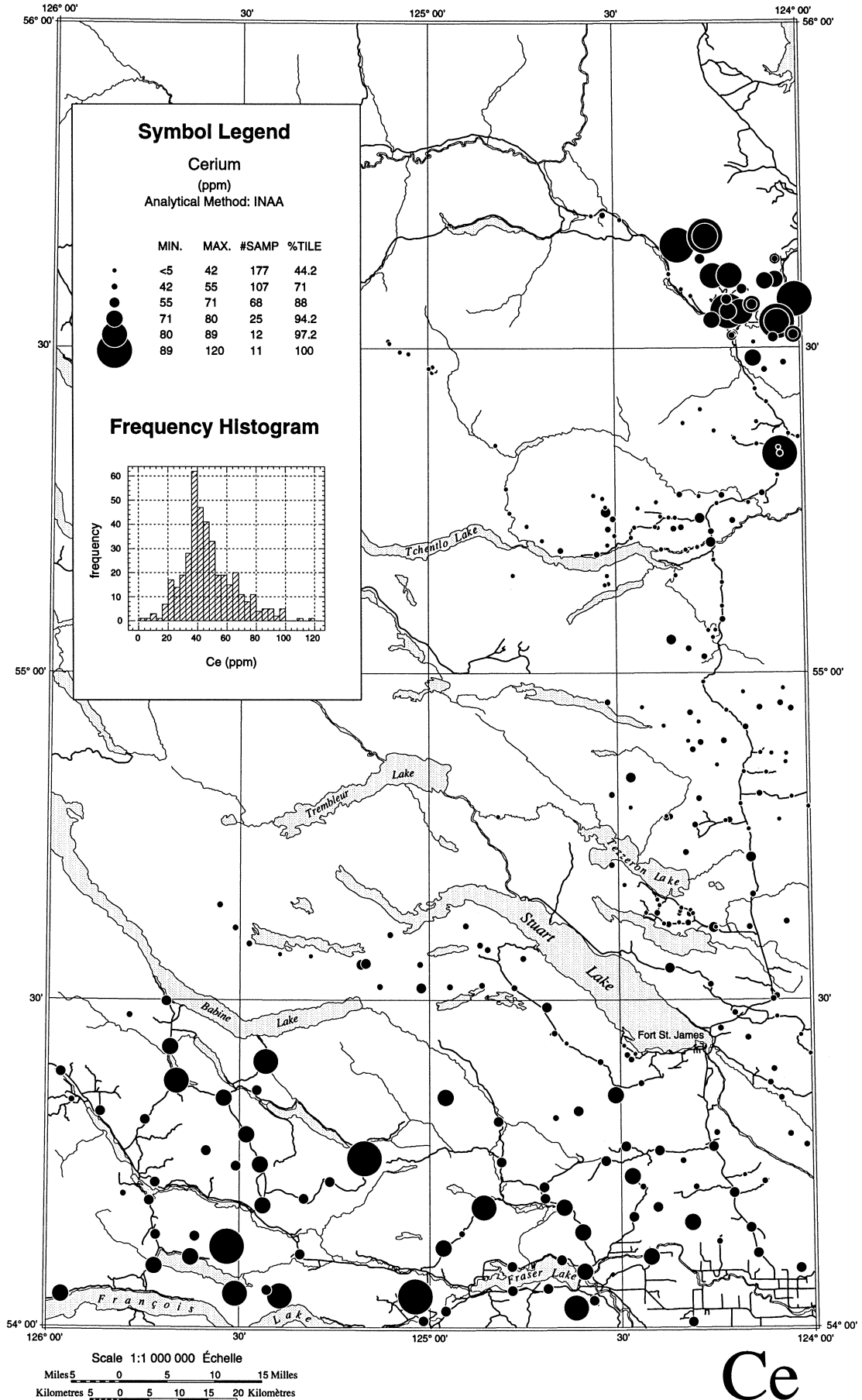


Ba

Bromine in the <0.063 mm fraction of till



Cerium in the <0.063 mm fraction of till

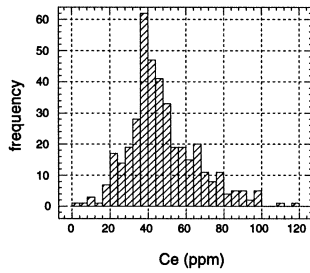


Symbol Legend

Cerium
(ppm)
Analytical Method: INAA

	MIN.	MAX.	#SAMP	%TILE
•	<5	42	177	44.2
•	42	55	107	71
•	55	71	68	88
•	71	80	25	94.2
•	80	89	12	97.2
•	89	120	11	100

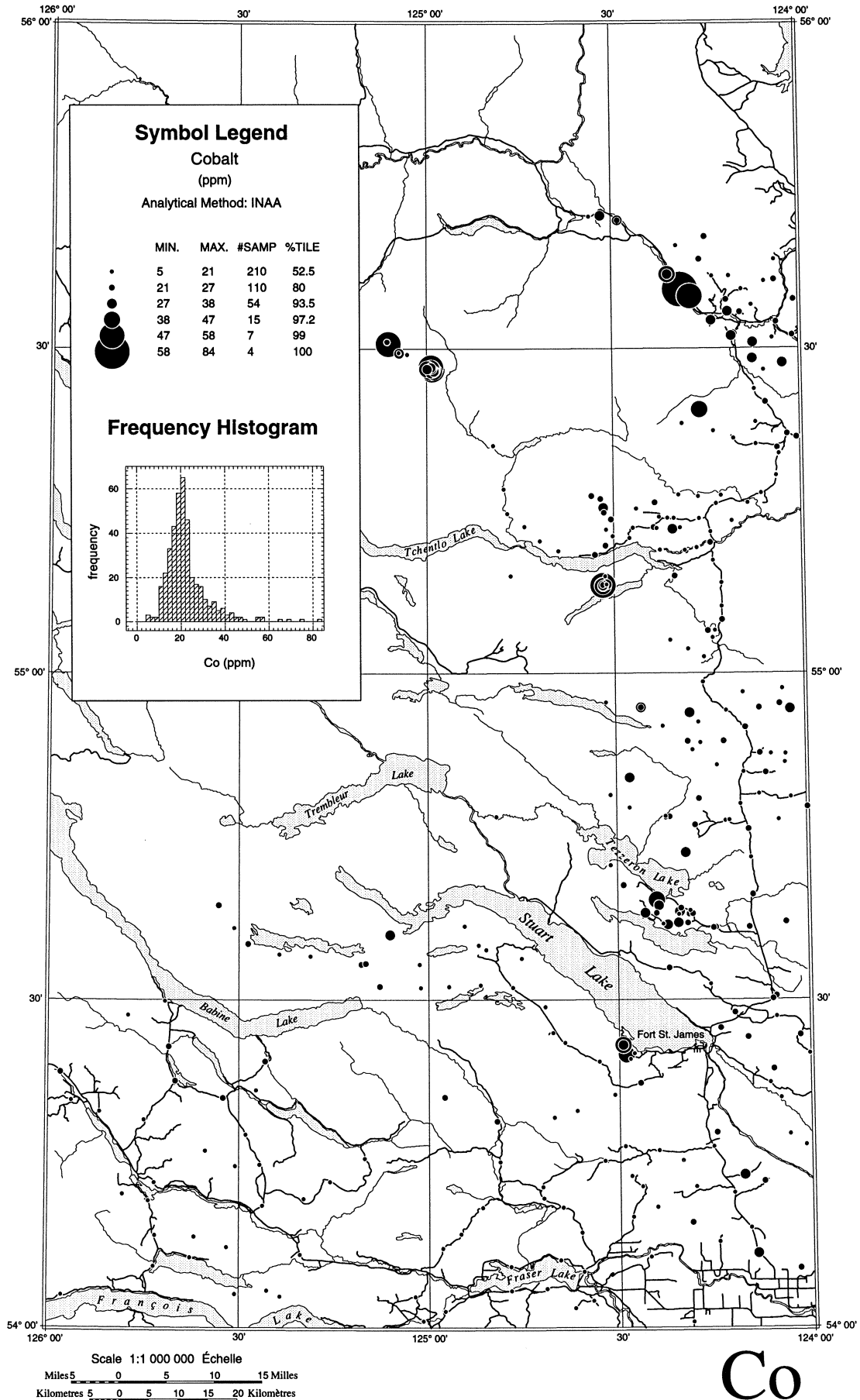
Frequency Histogram



Ce

Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 0 5 10 15 20 Kilomètres

Cobalt in the <0.063 mm fraction of till



Symbol Legend

Cobalt
(ppm)

Analytical Method: INAA

	MIN.	MAX.	#SAMP	%TILE
•	5	21	210	52.5
•	21	27	110	80
•	27	38	54	93.5
•	38	47	15	97.2
•	47	58	7	99
•	58	84	4	100

Frequency Histogram

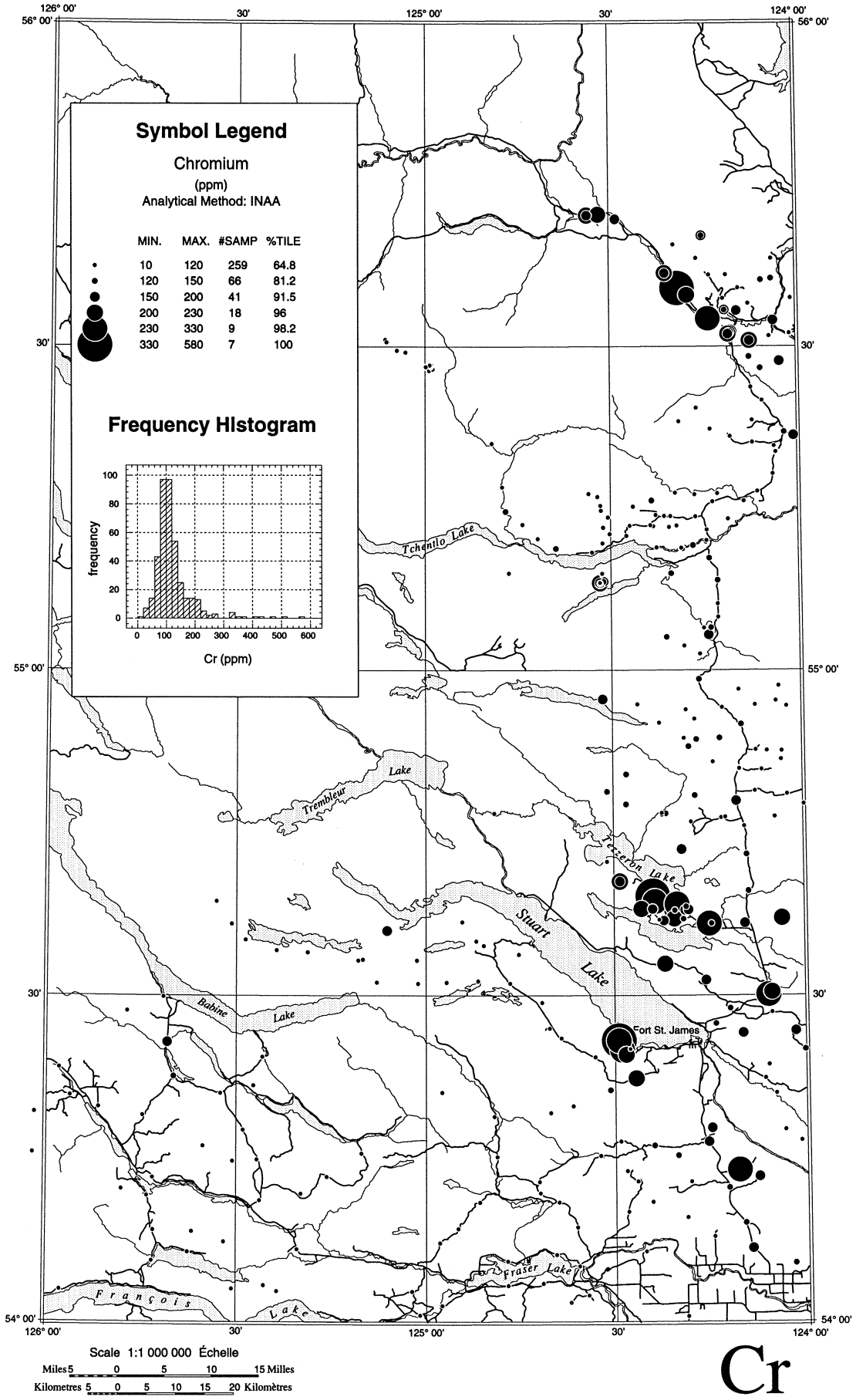
Scale 1:1 000 000 Échelle

Miles 0 5 10 15 Miles

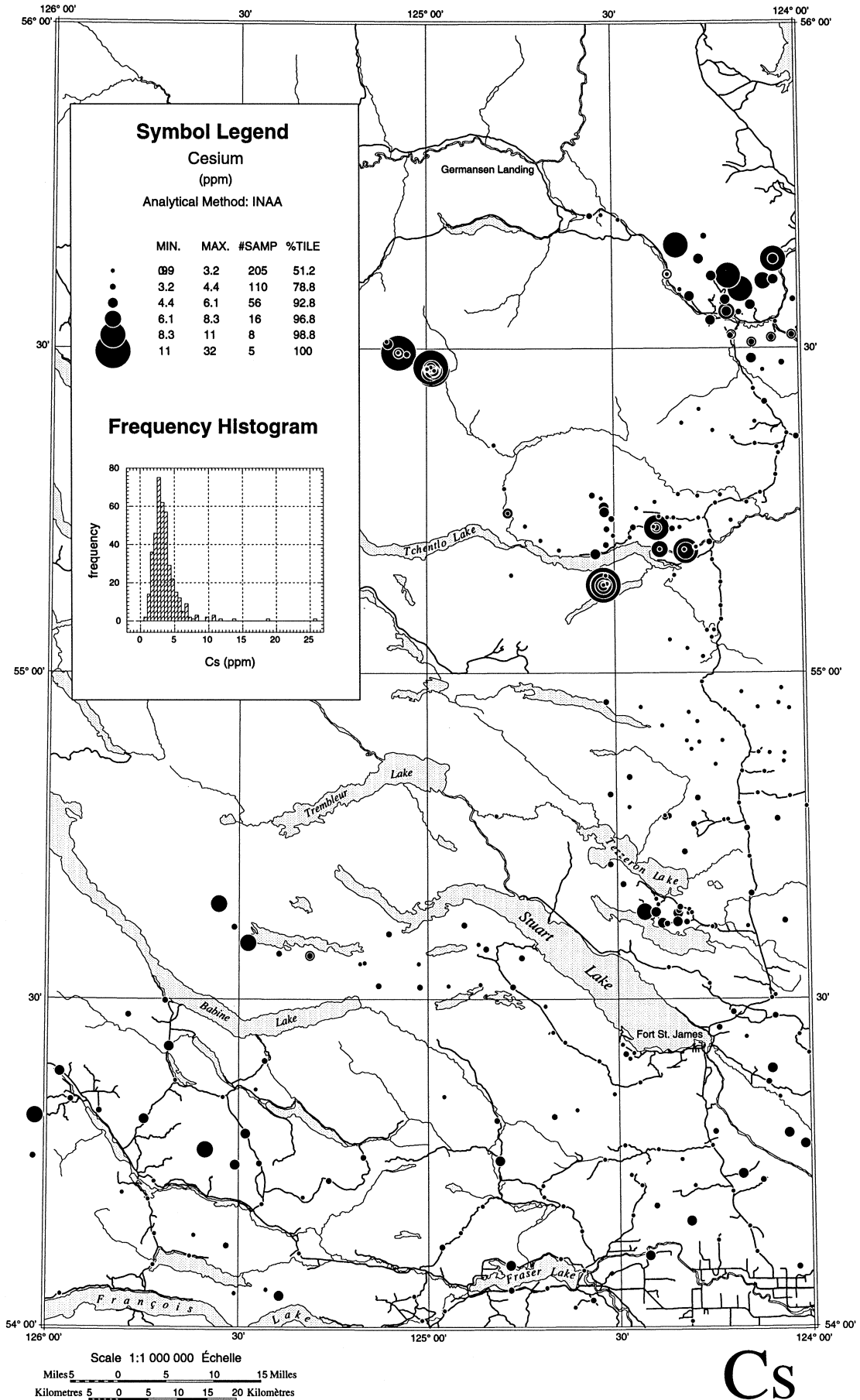
Kilometres 0 5 10 15 20 Kilomètres

Co

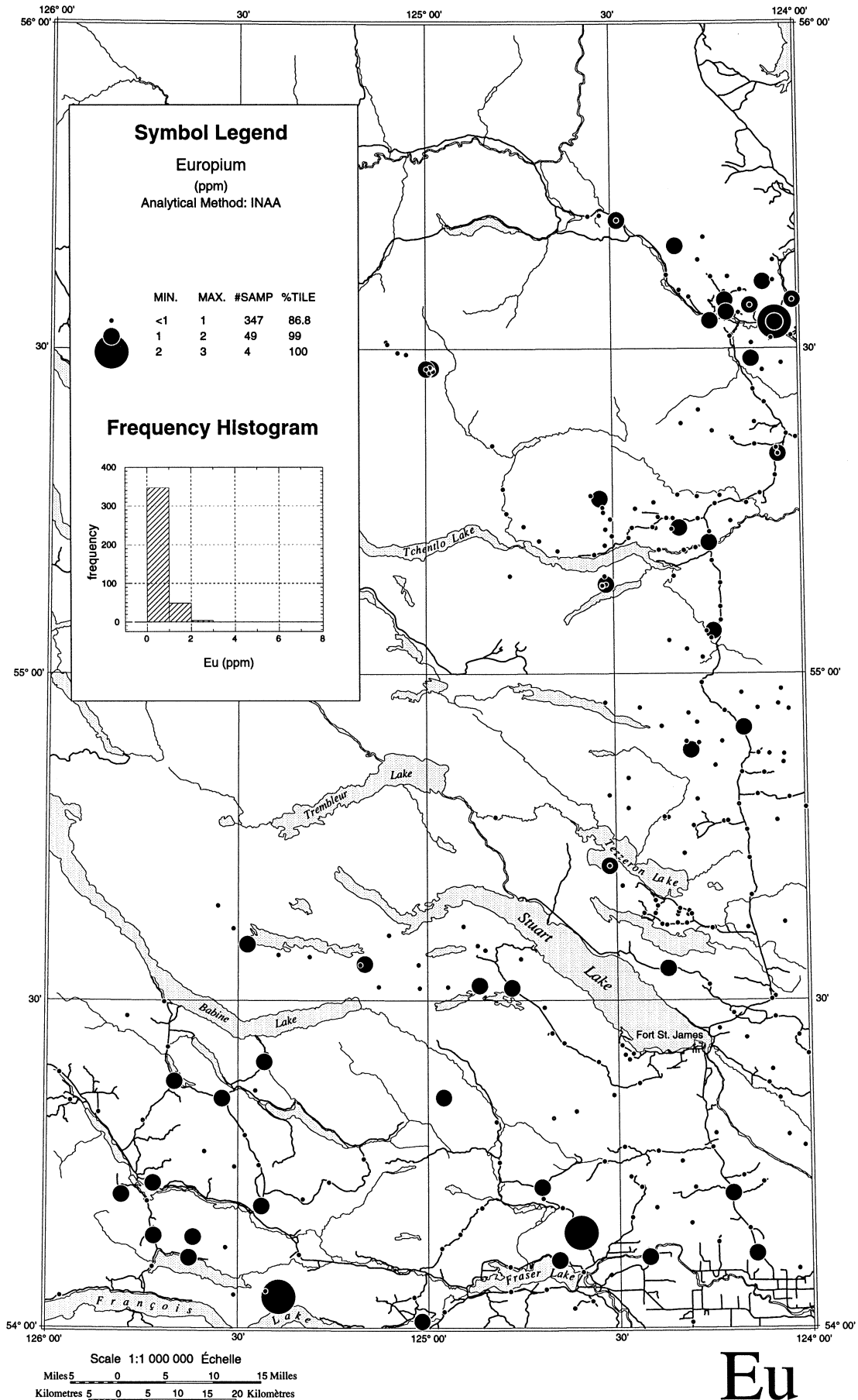
Chromium in the <0.063 mm fraction of till



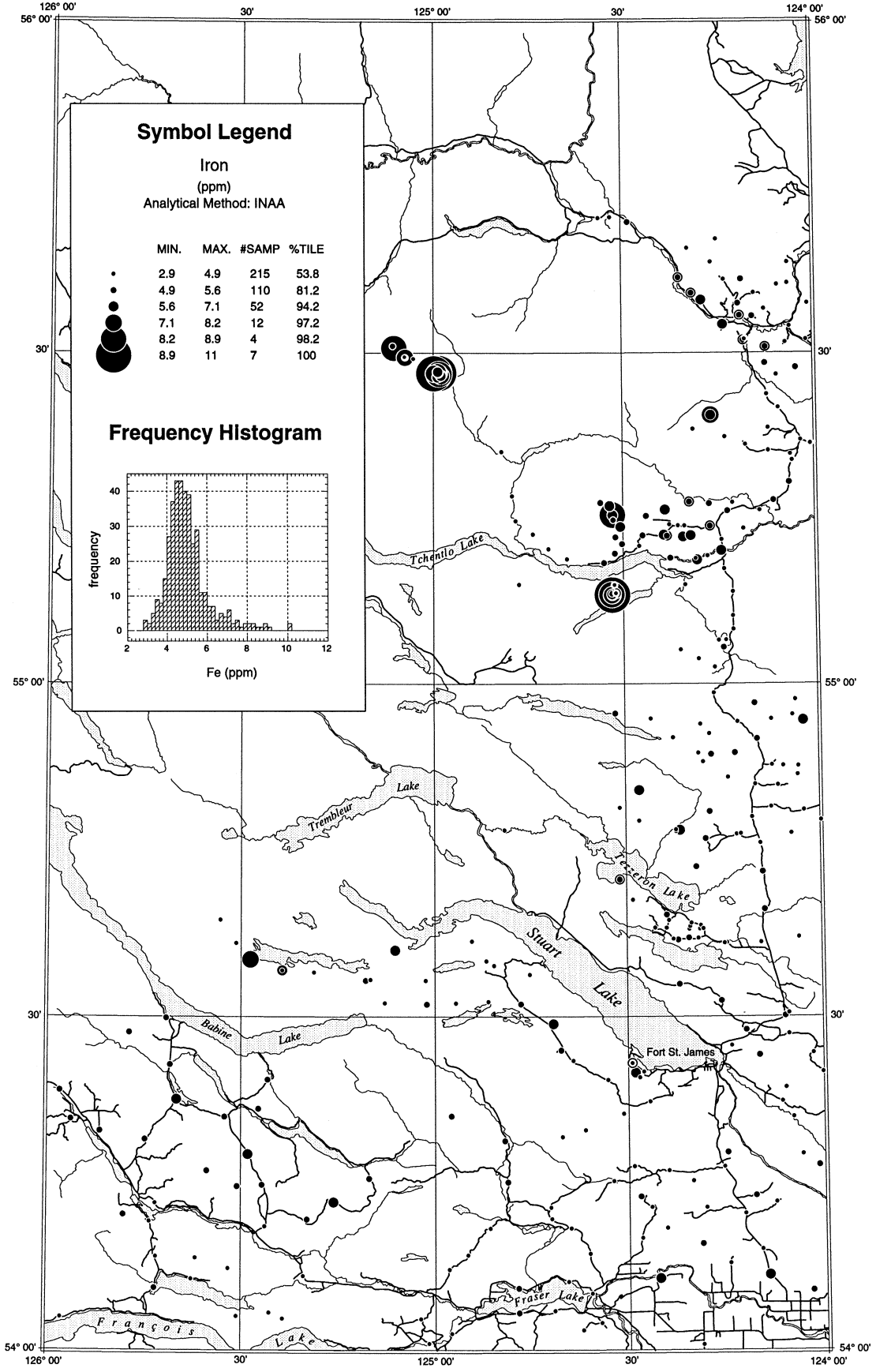
Cesium in the <0.063 mm fraction of till



Europium in the <0.063 mm fraction of till



Iron in the <0.063 mm fraction of till



Symbol Legend

Iron
(ppm)
Analytical Method: INAA

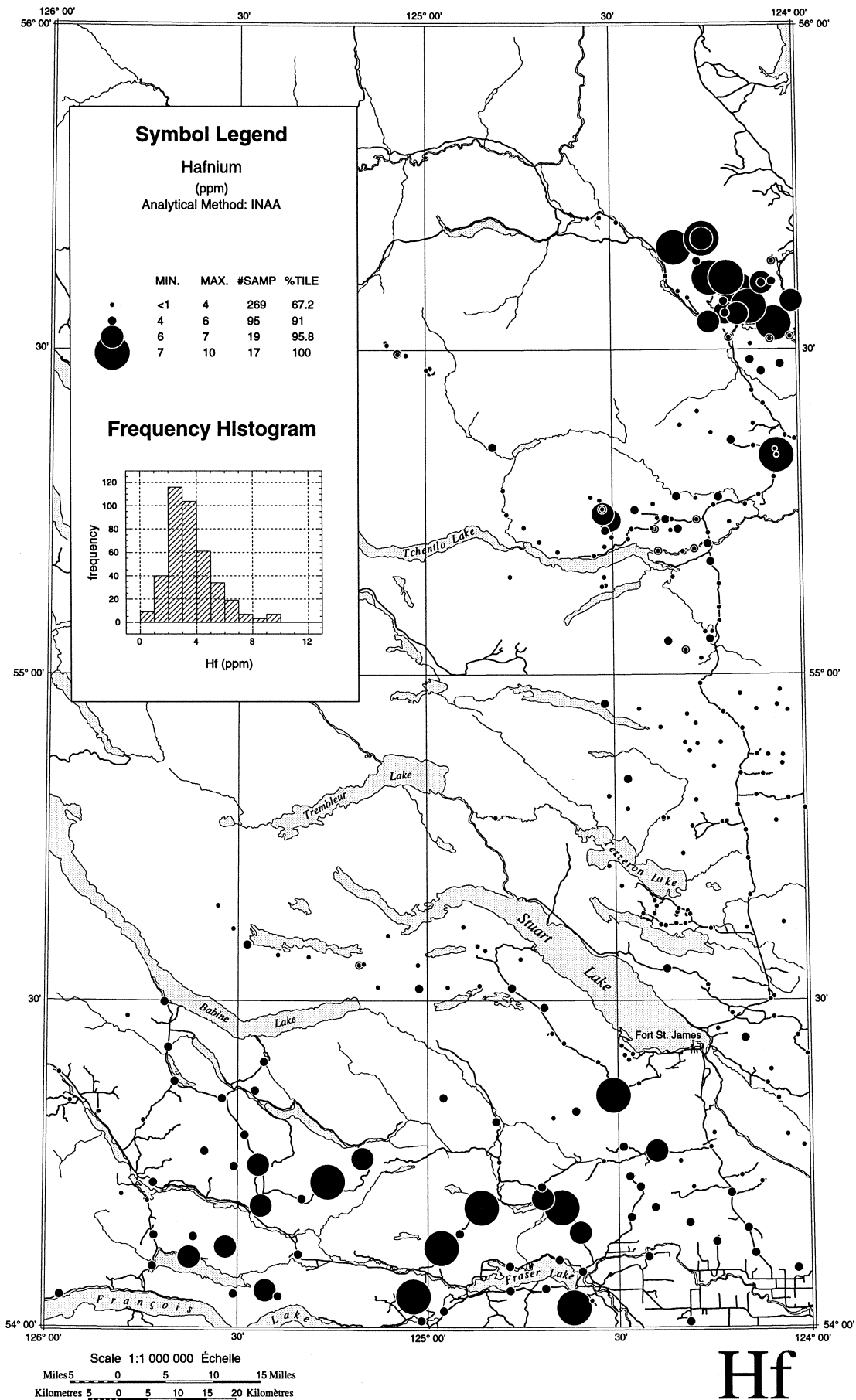
	MIN.	MAX.	#SAMP	%TILE
•	2.9	4.9	215	53.8
•	4.9	5.6	110	81.2
•	5.6	7.1	52	94.2
•	7.1	8.2	12	97.2
•	8.2	8.9	4	98.2
•	8.9	11	7	100

Frequency Histogram

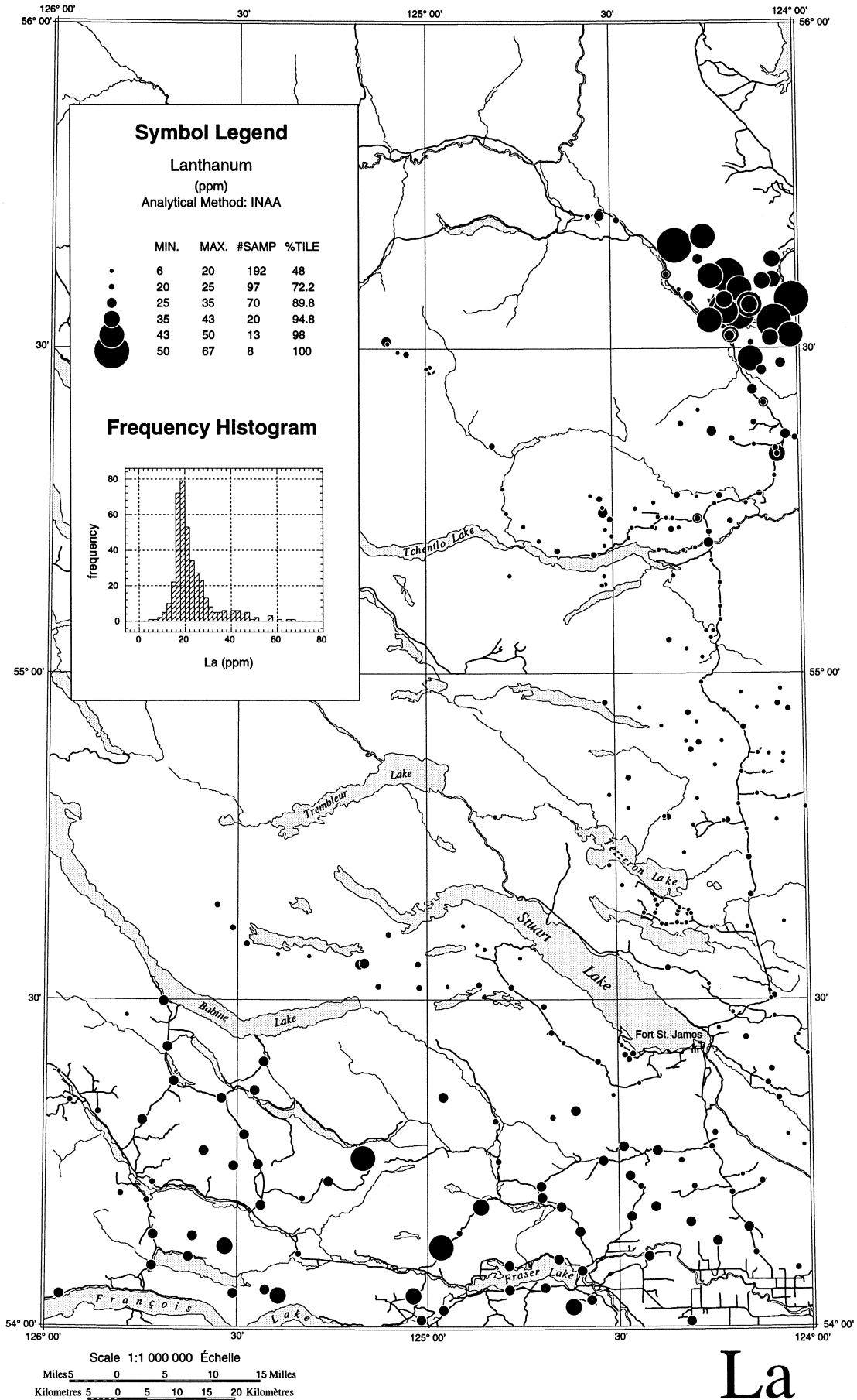
Scale 1:1 000 000 Échelle
 Miles 0 5 10 15 Miles
 Kilometres 0 5 10 15 20 Kilomètres

Fe

Hafnium in the <0.063 mm fraction of till

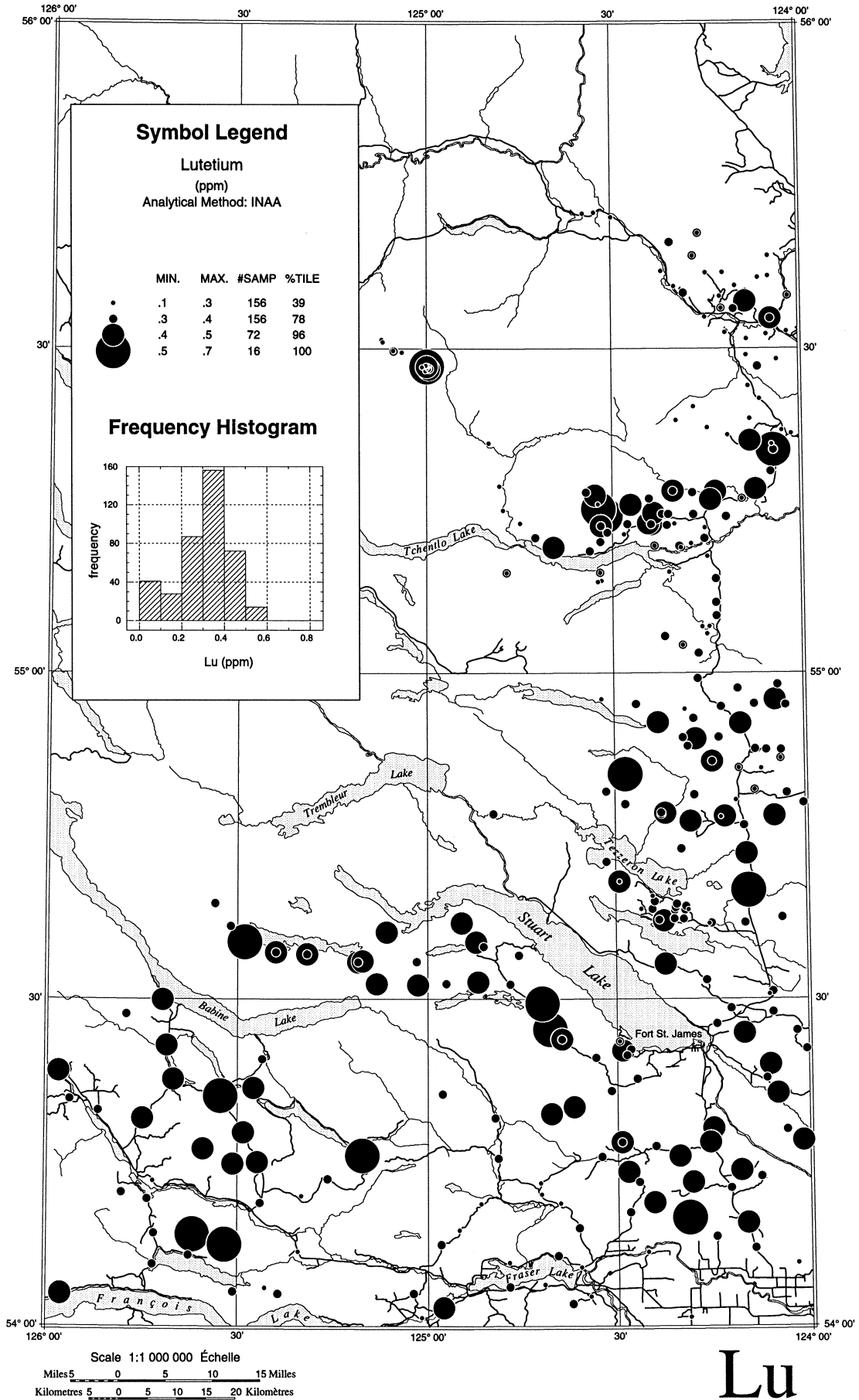


Lanthanum in the <0.063 mm fraction of till

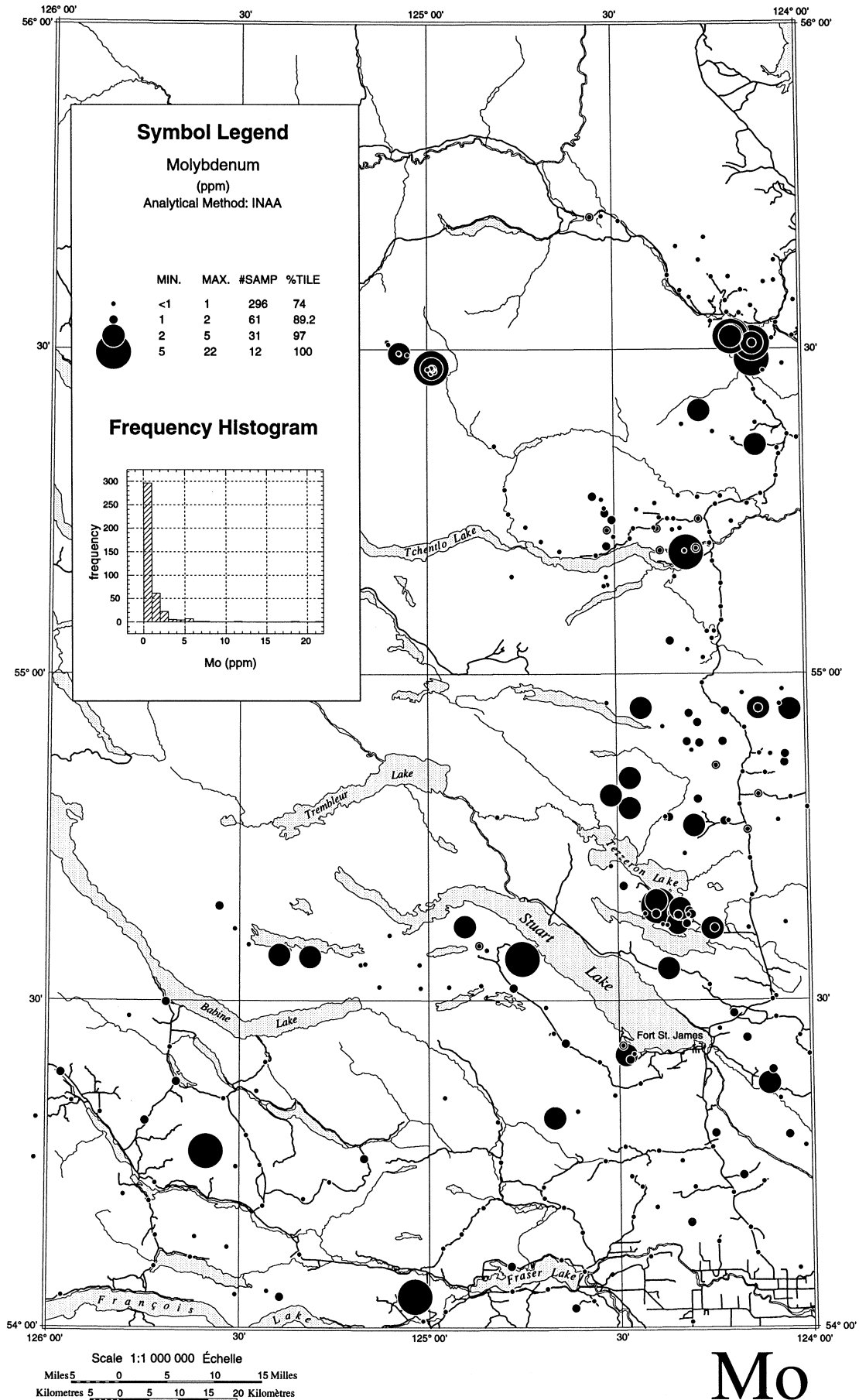


La

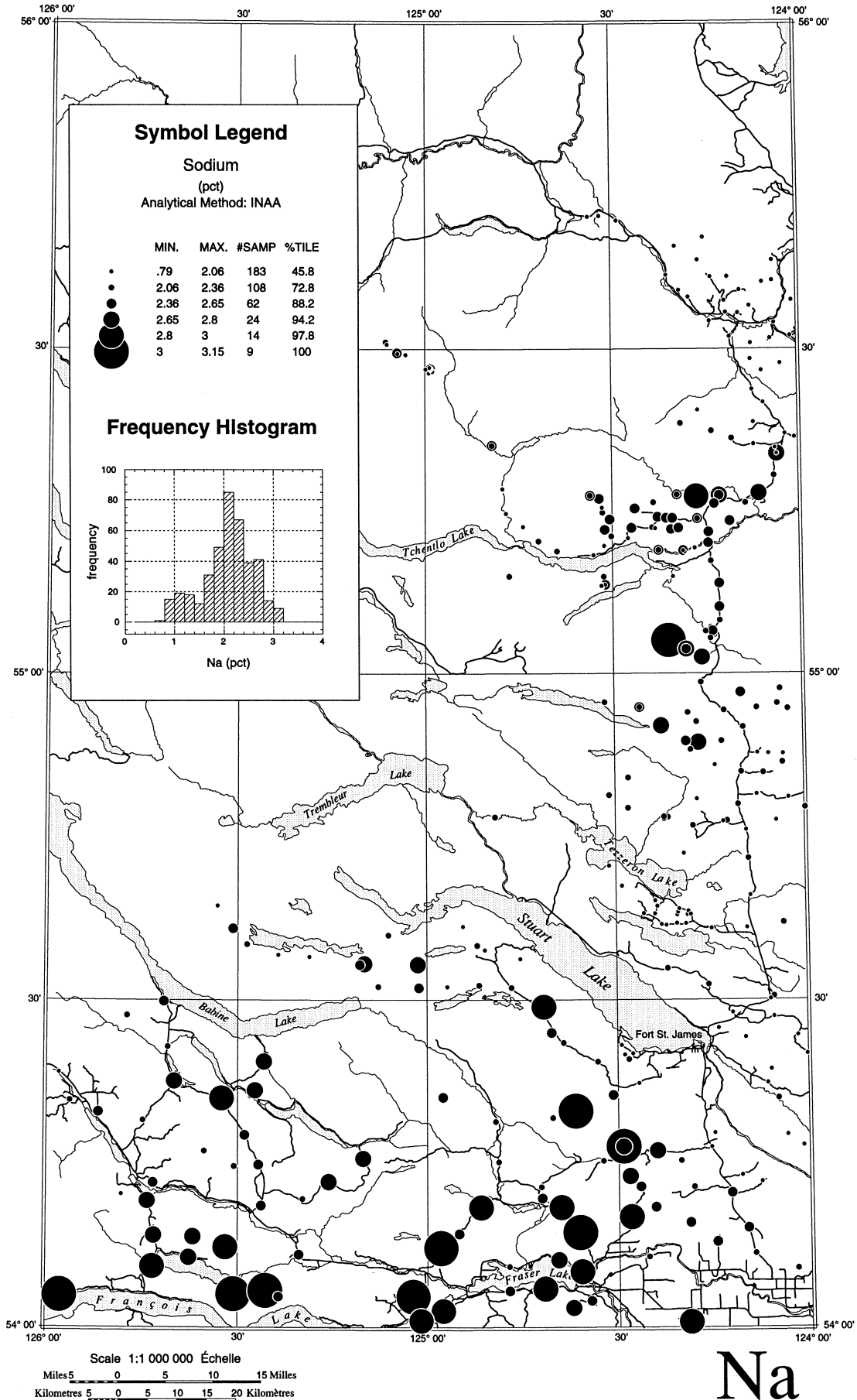
Lutetium in the <0.063 mm fraction of till



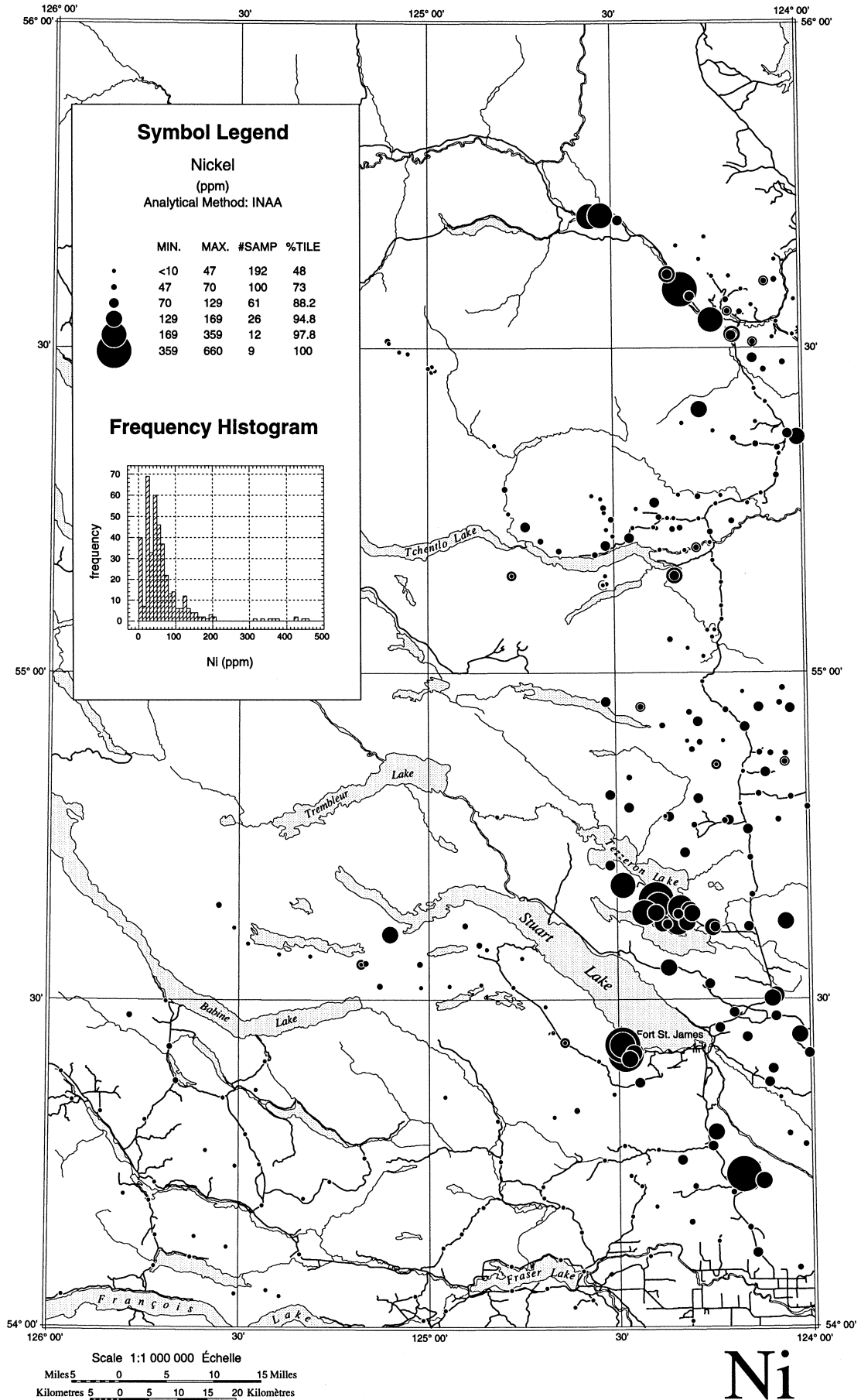
Molybdenum in the <0.063 mm fraction of till



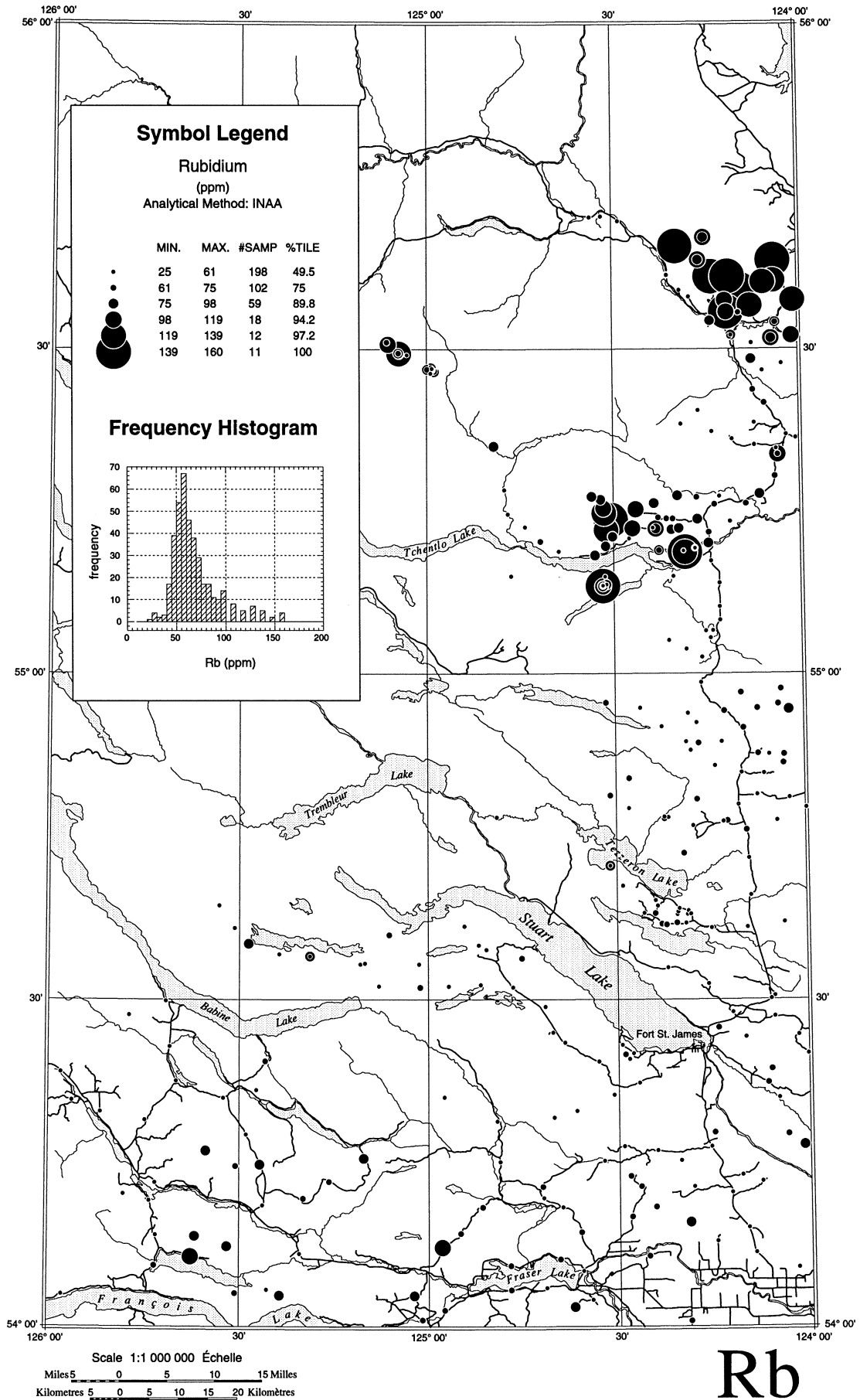
Sodium in the <0.063 mm fraction of till



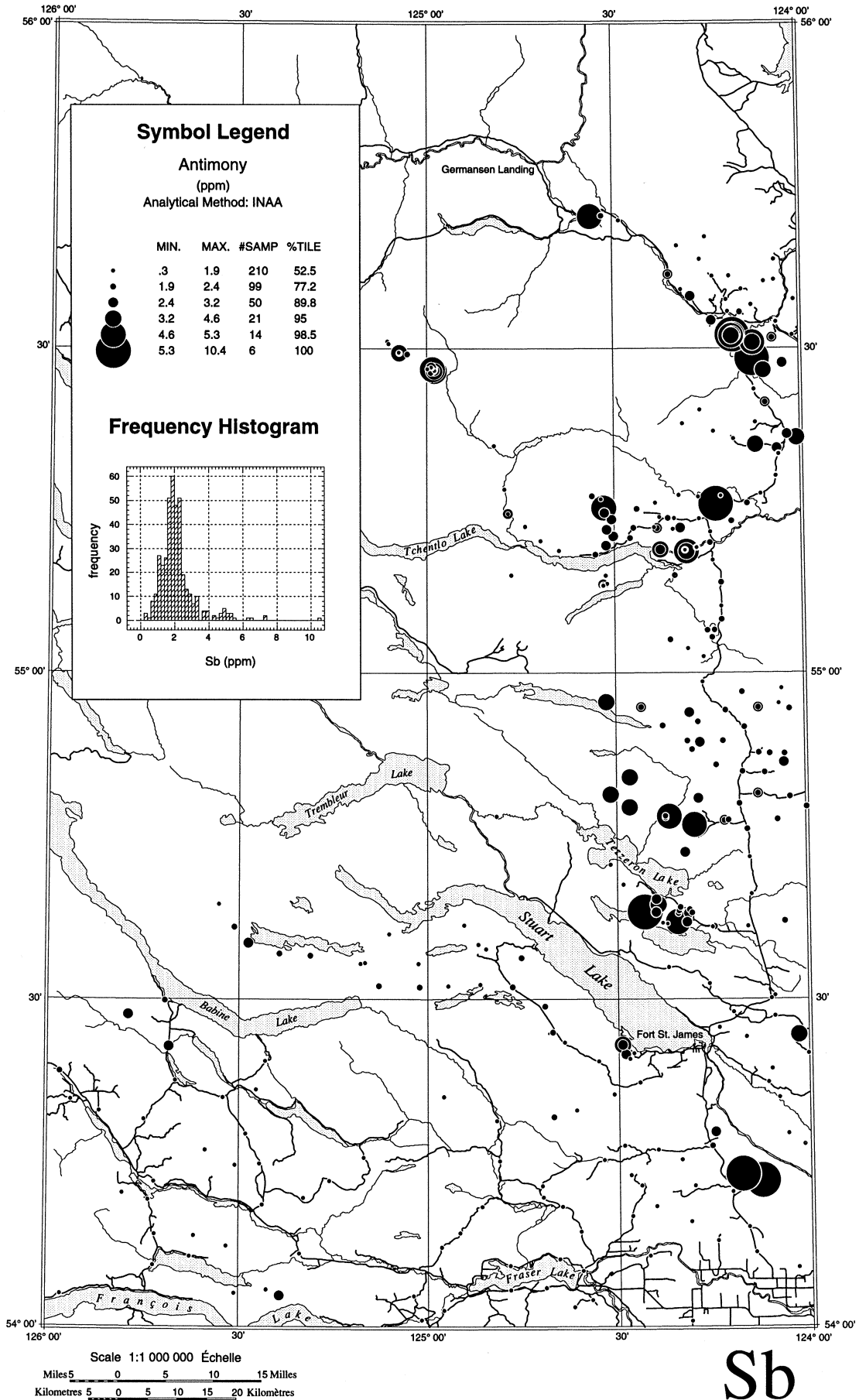
Nickel in the <0.063 mm fraction of till



Rubidium in the <0.063 mm fraction of till

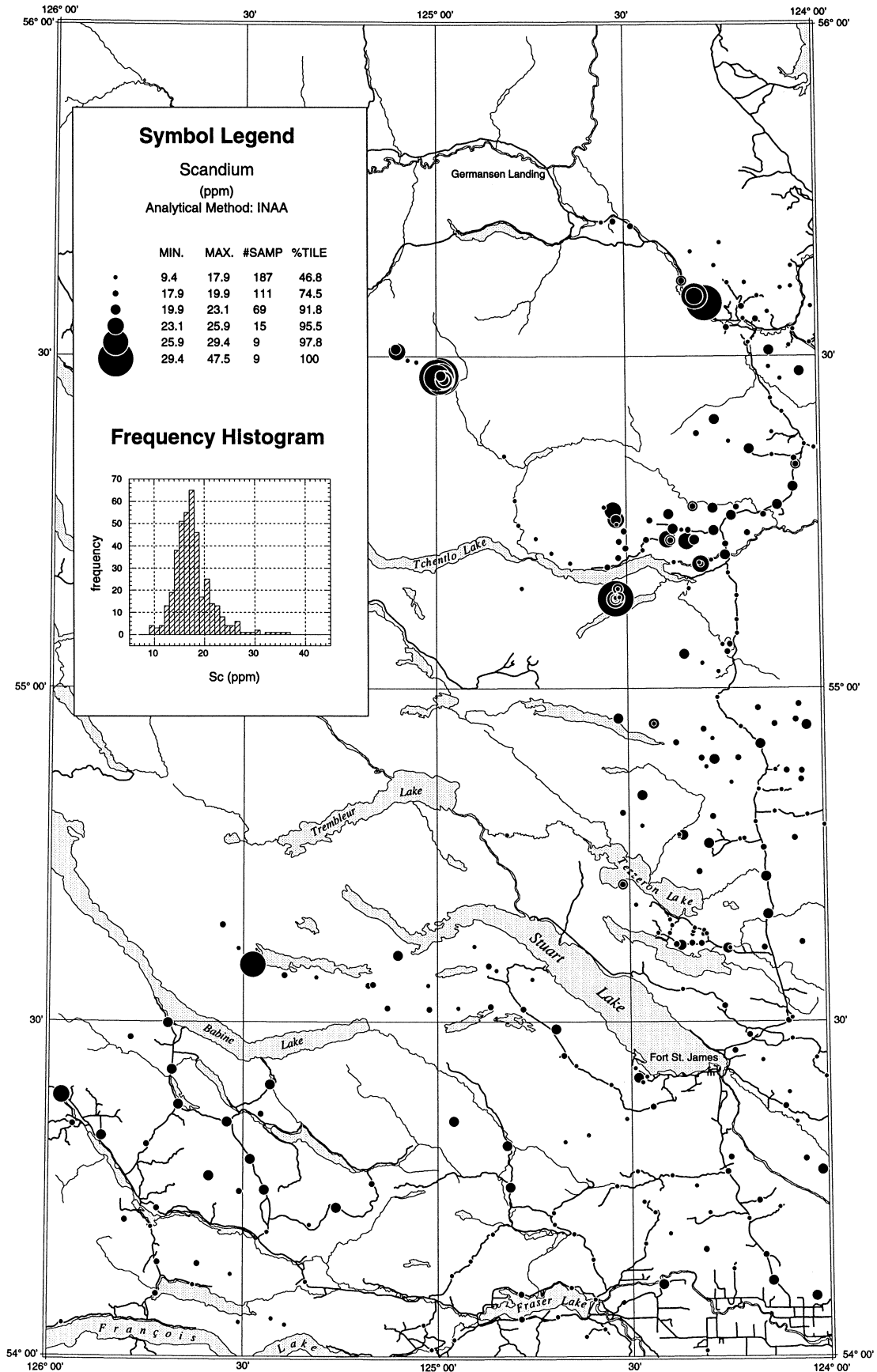


Antimony in the <0.063 mm fraction of till



Sb

Scandium in the <0.063 mm fraction of till

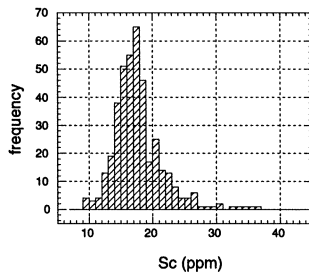


Symbol Legend

Scandium
(ppm)
Analytical Method: INAA

	MIN.	MAX.	#SAMP	%TILE
•	9.4	17.9	187	46.8
•	17.9	19.9	111	74.5
•	19.9	23.1	69	91.8
•	23.1	25.9	15	95.5
•	25.9	29.4	9	97.8
•	29.4	47.5	9	100

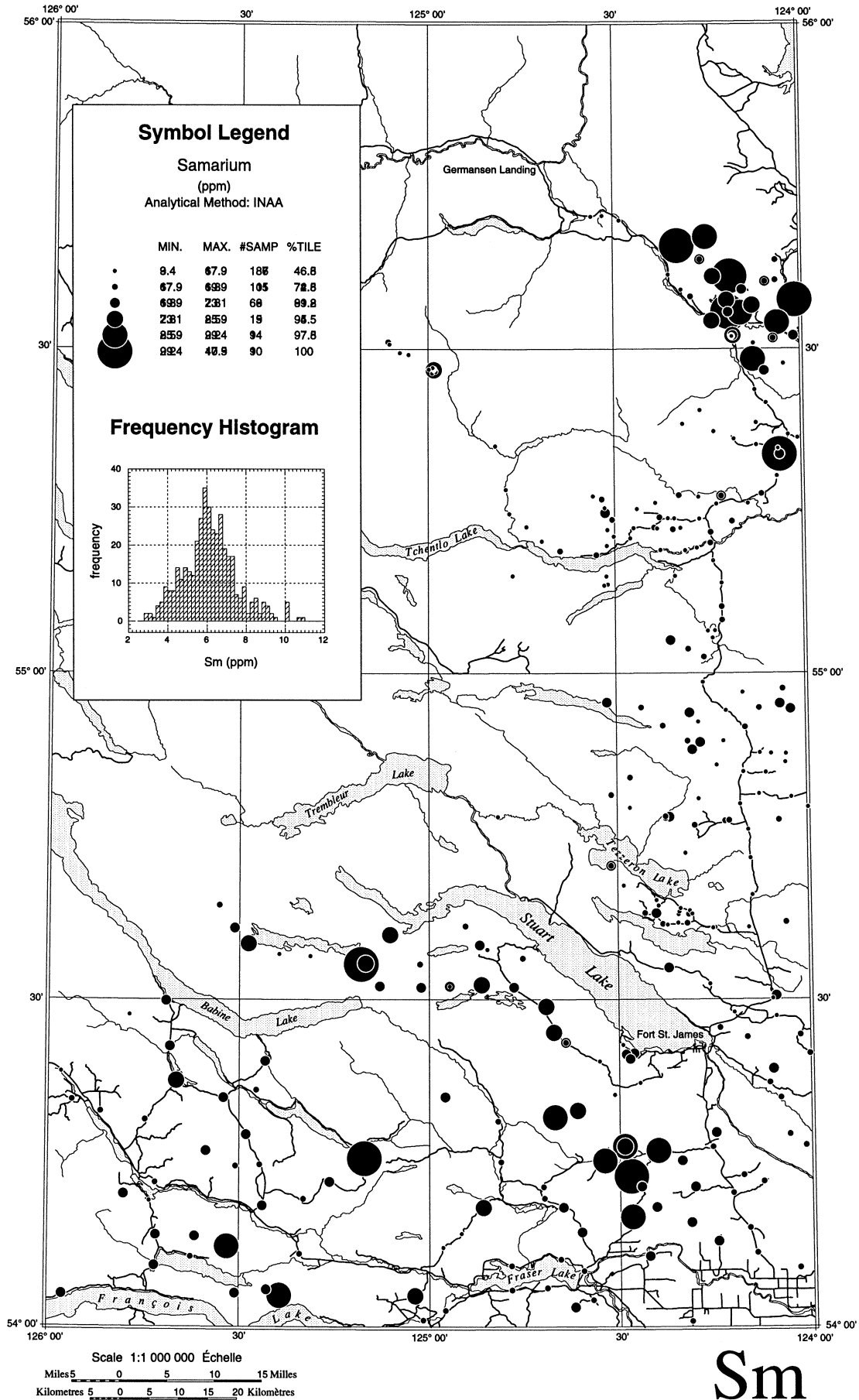
Frequency Histogram



Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 0 5 10 15 20 Kilomètres

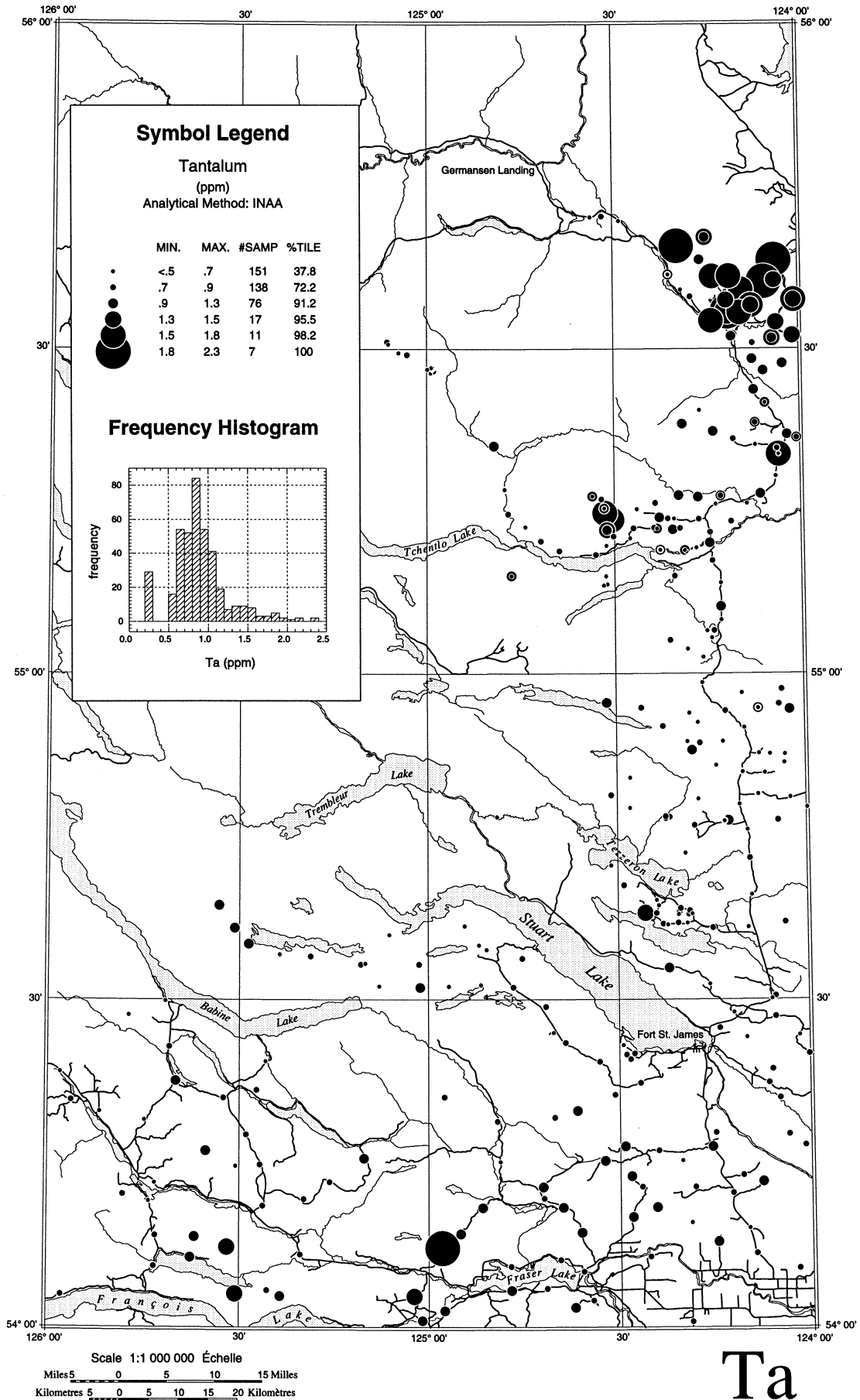
Sc

Samarium in the <0.063 mm fraction of till



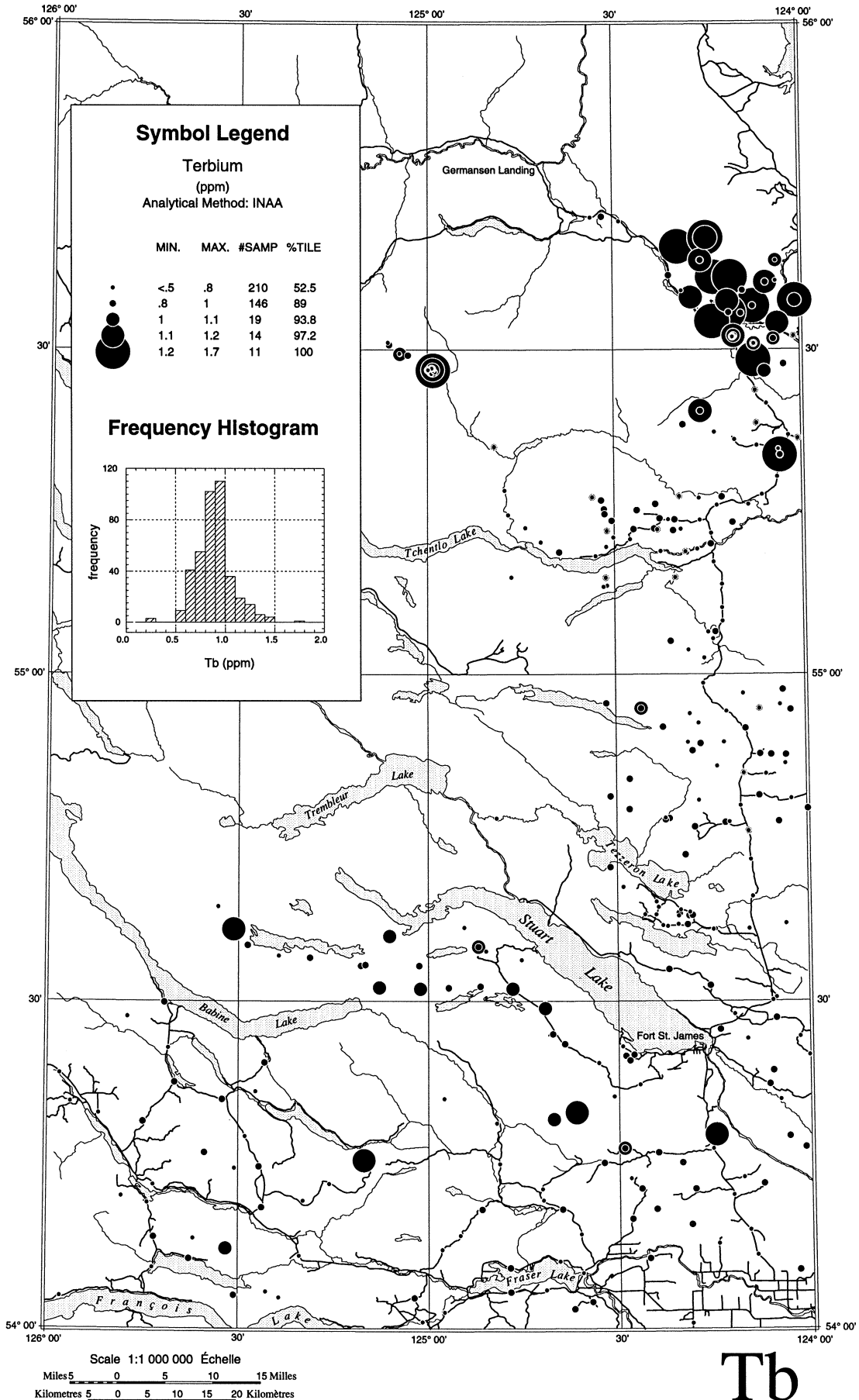
Sm

Tantalum in the <0.063 mm fraction of till

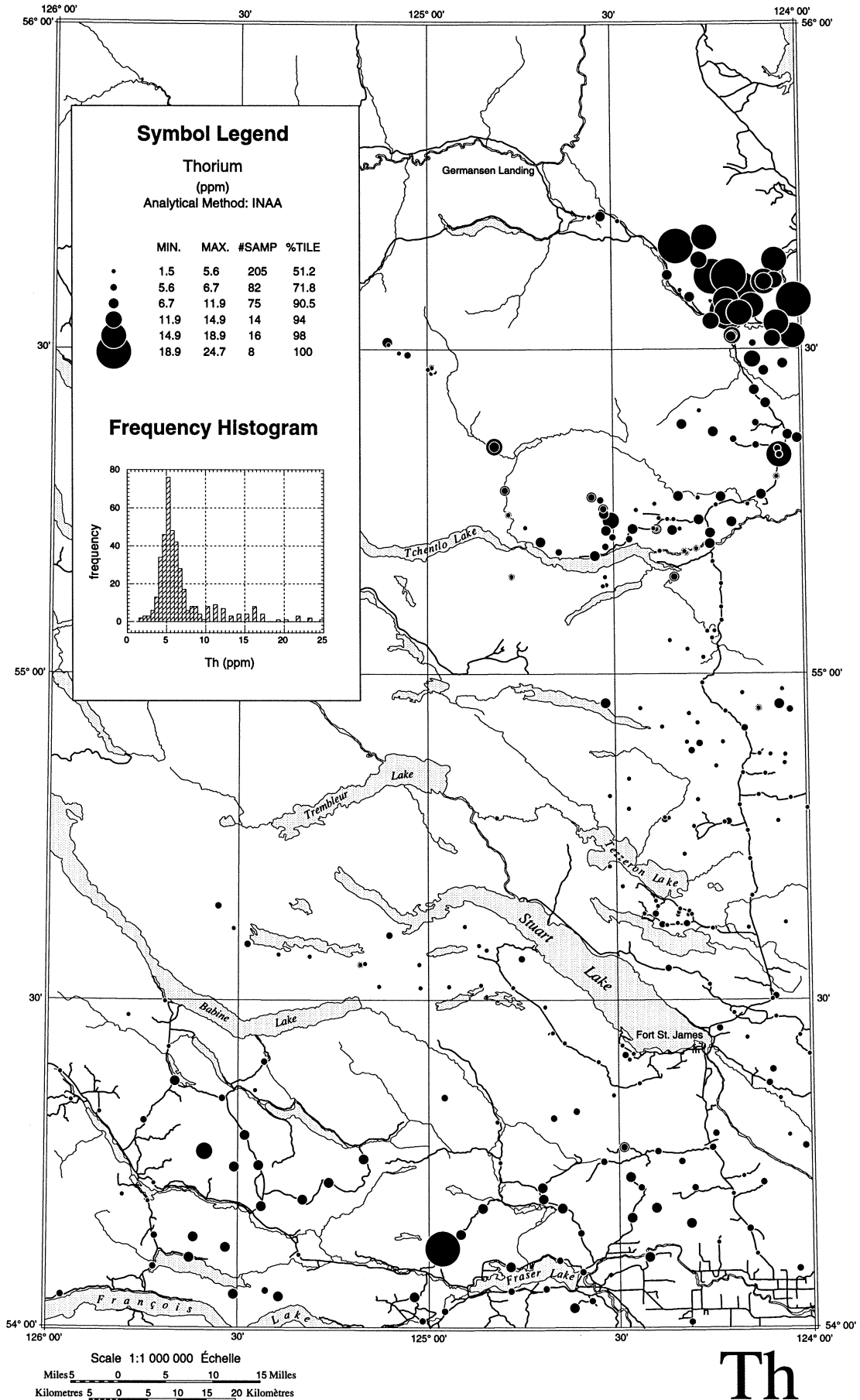


Ta

Terbium in the <0.063 mm fraction of till



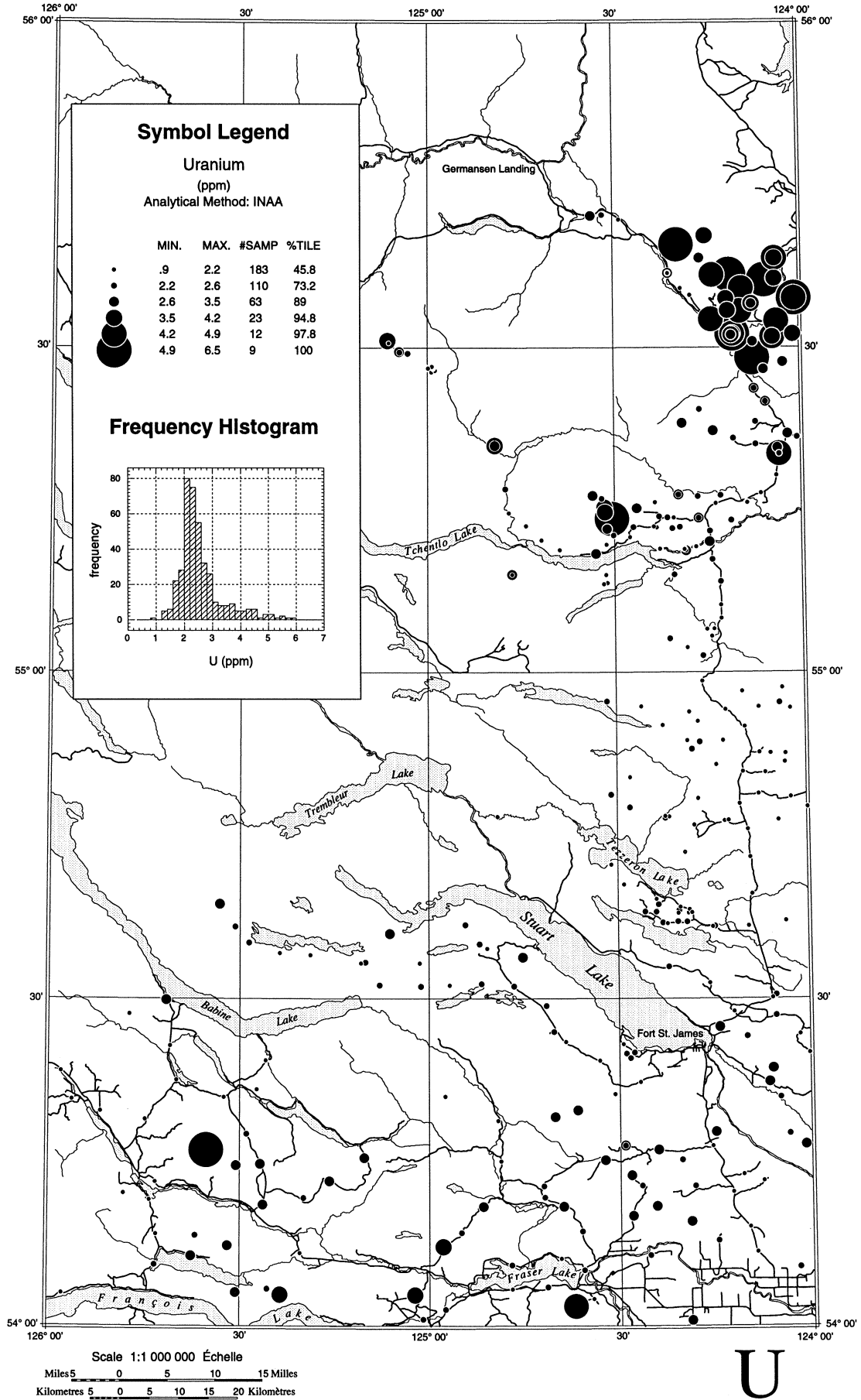
Thorium in the <0.063 mm fraction of till



Scale 1:1 000 000 Échelle
 Miles 0 5 10 15 Miles
 Kilometres 0 5 10 15 20 Kilomètres

Th

Uranium in the <0.063 mm fraction of till



Symbol Legend

Uranium
(ppm)
Analytical Method: INAA

MIN.	MAX.	#SAMP	%TILE
.9	2.2	183	45.8
2.2	2.6	110	73.2
2.6	3.5	63	89
3.5	4.2	23	94.8
4.2	4.9	12	97.8
4.9	6.5	9	100

Frequency Histogram

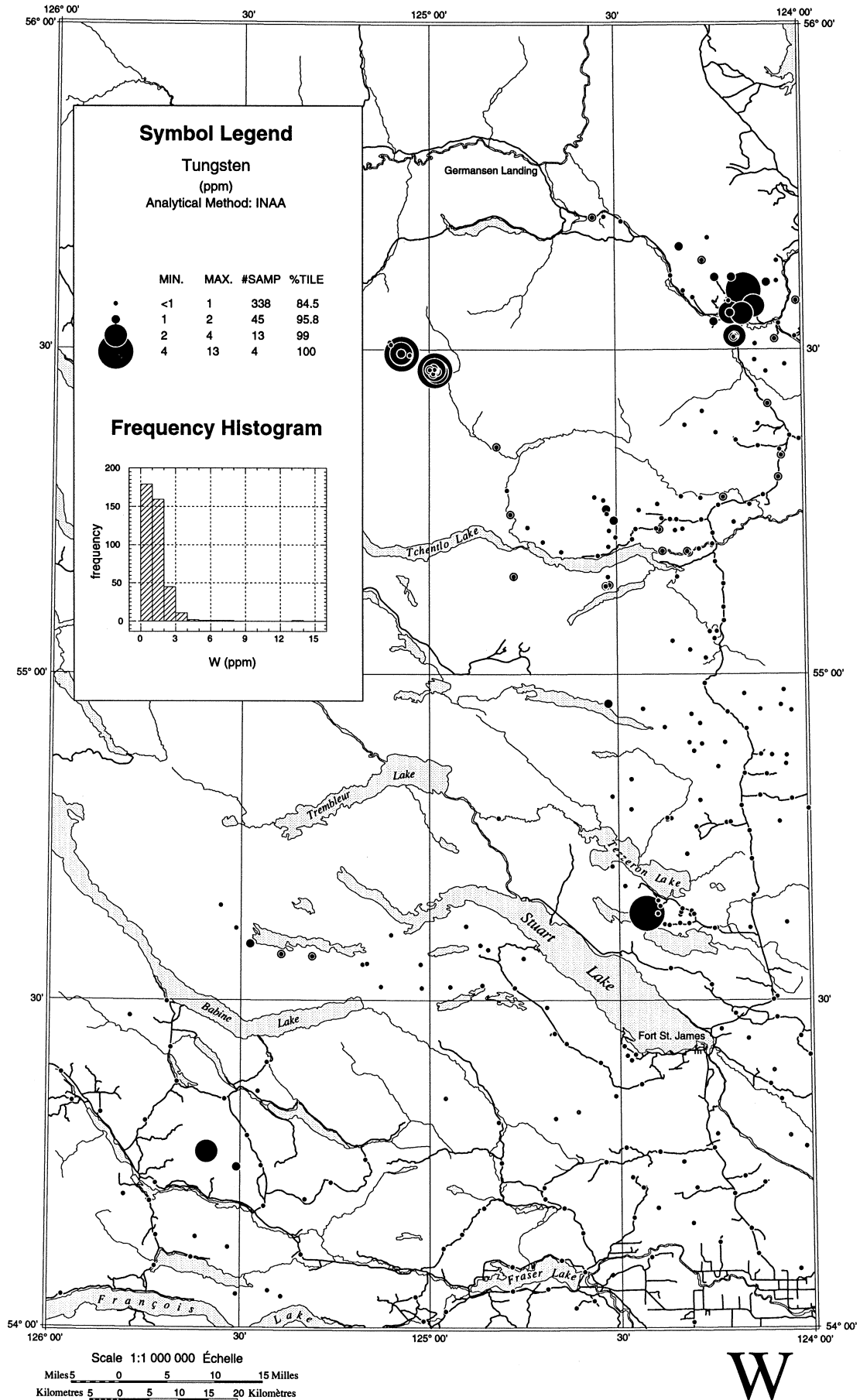
Scale 1:1 000 000 Échelle

Miles 0 5 10 15 Miles

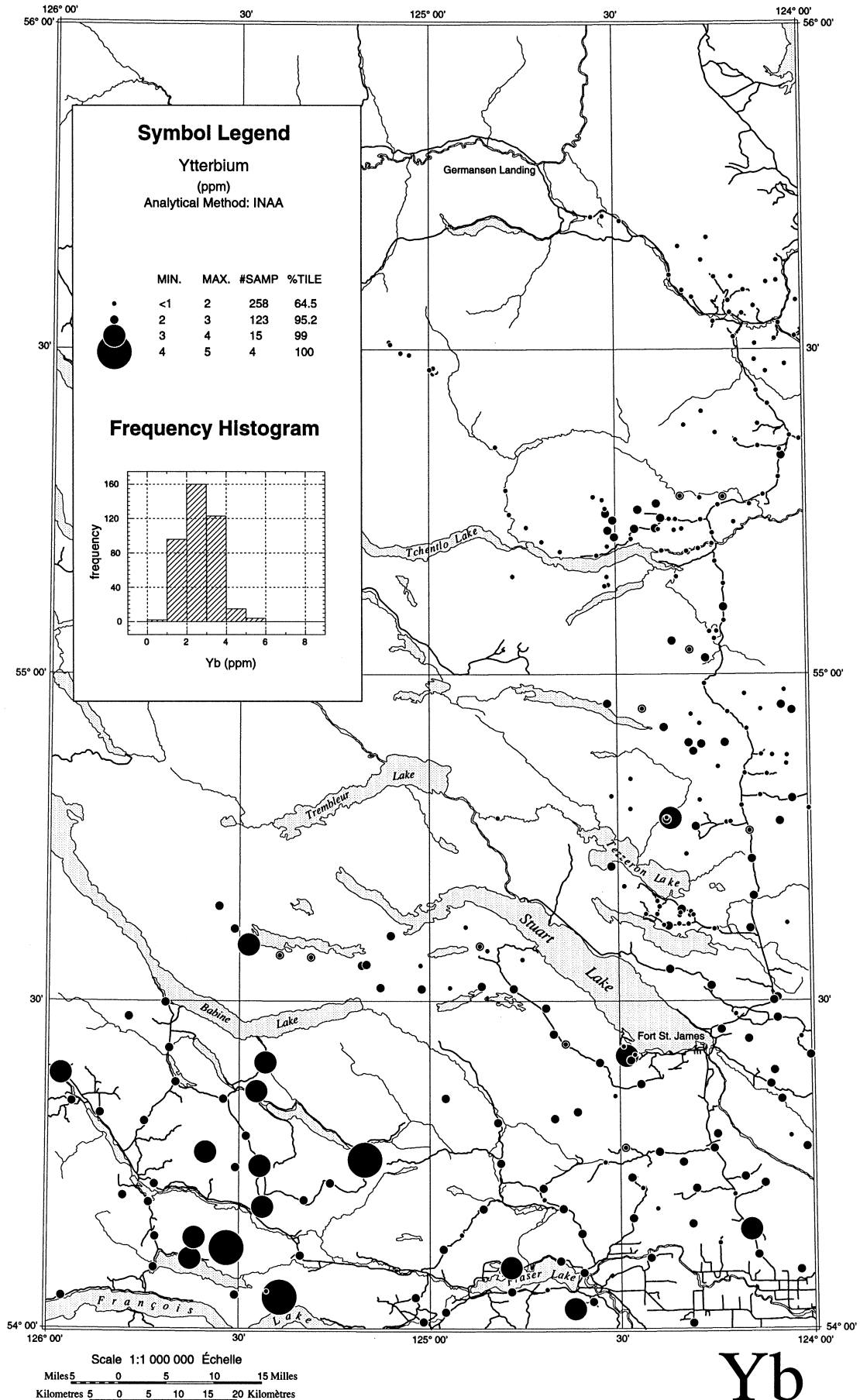
Kilometres 0 5 10 15 20 Kilomètres

U

Tungsten in the <0.063 mm fraction of till

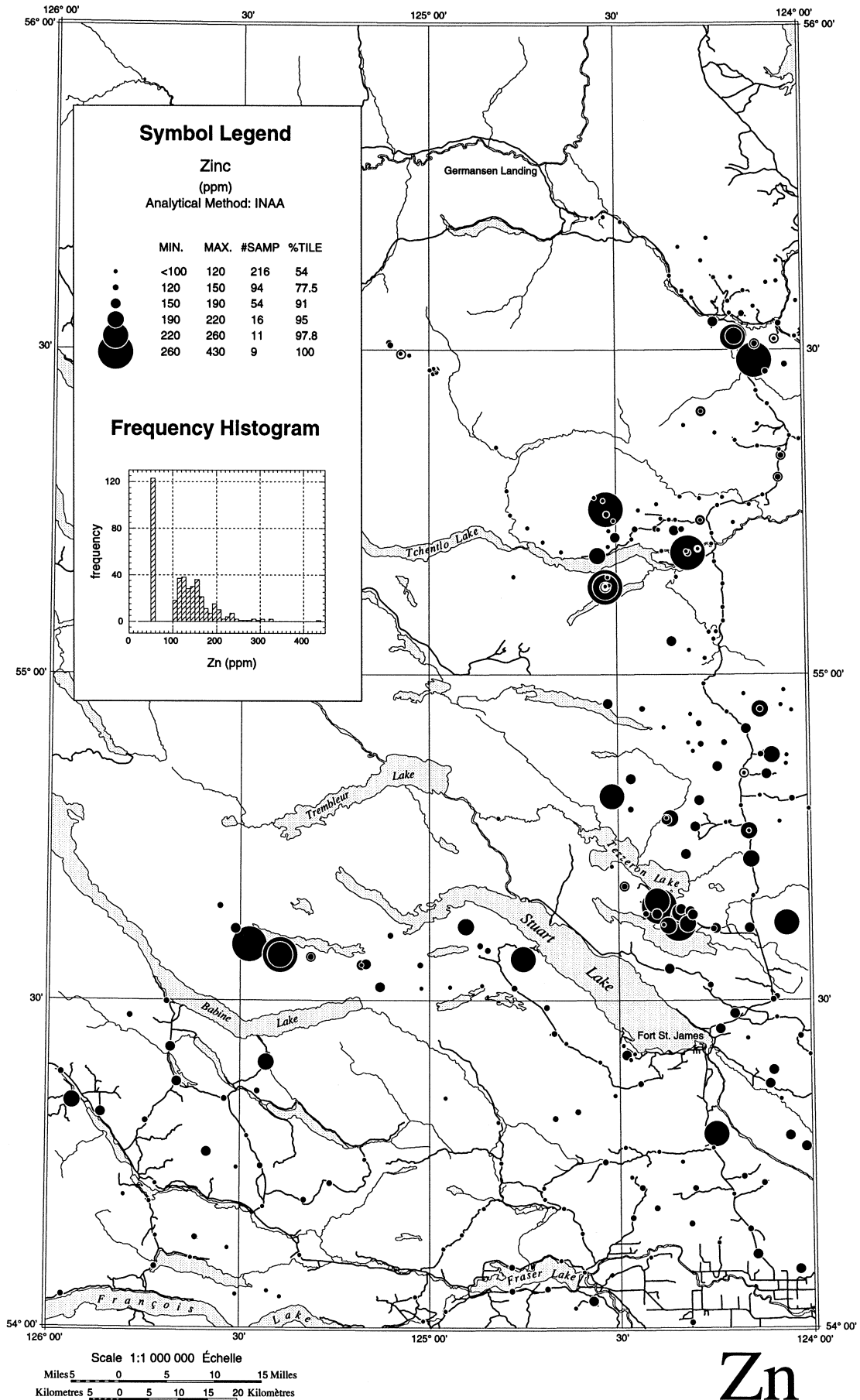


Ytterbium in the <0.063 mm fraction of till

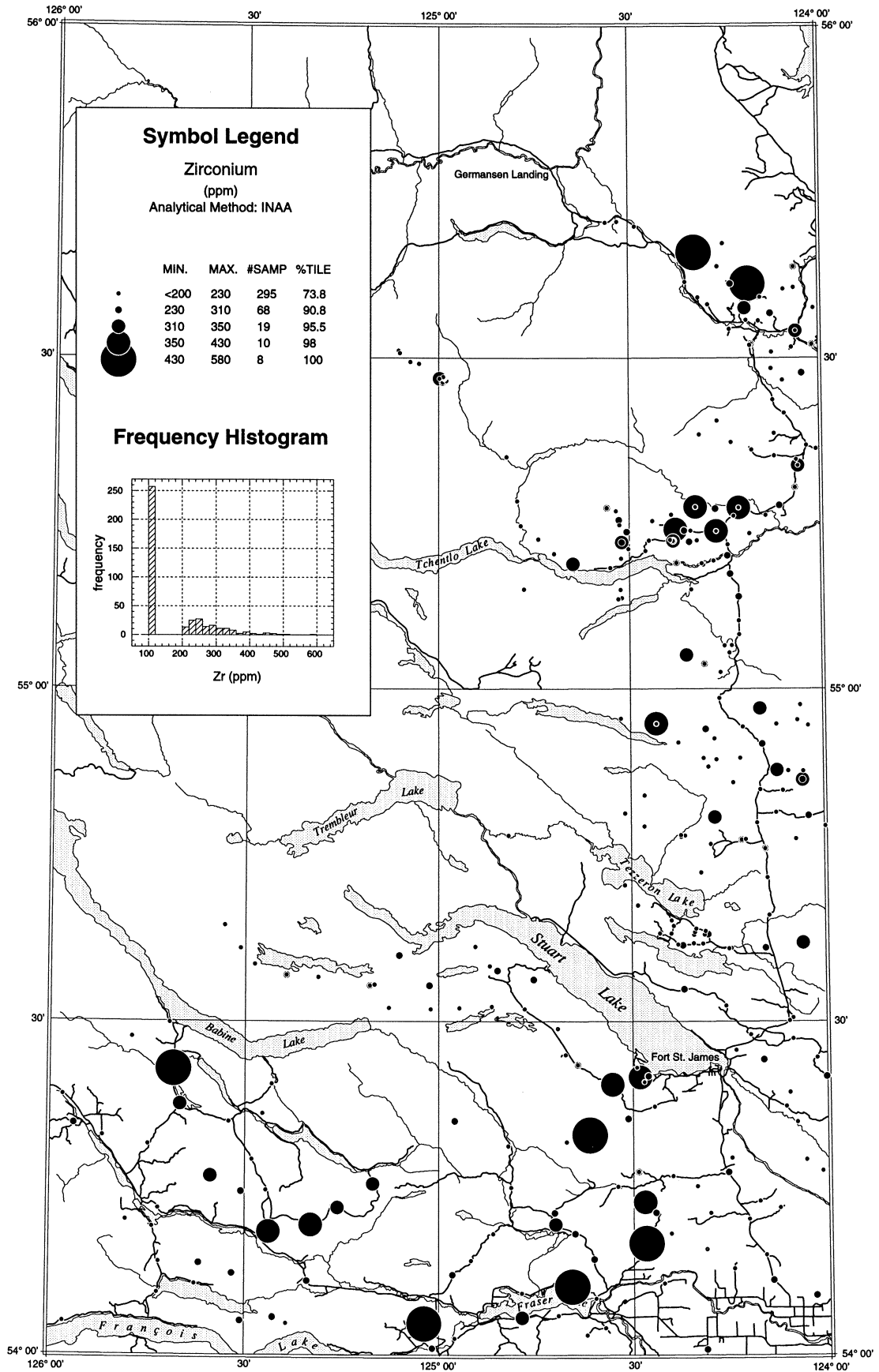


Yb

Zinc in the <0.063 mm fraction of till



Zirconium in the <0.063 mm fraction of till



Symbol Legend

Zirconium (ppm)
Analytical Method: INAA

MIN.	MAX.	#SAMP	%TILE
<200	230	295	73.8
230	310	68	90.8
310	350	19	95.5
350	430	10	98
430	580	8	100

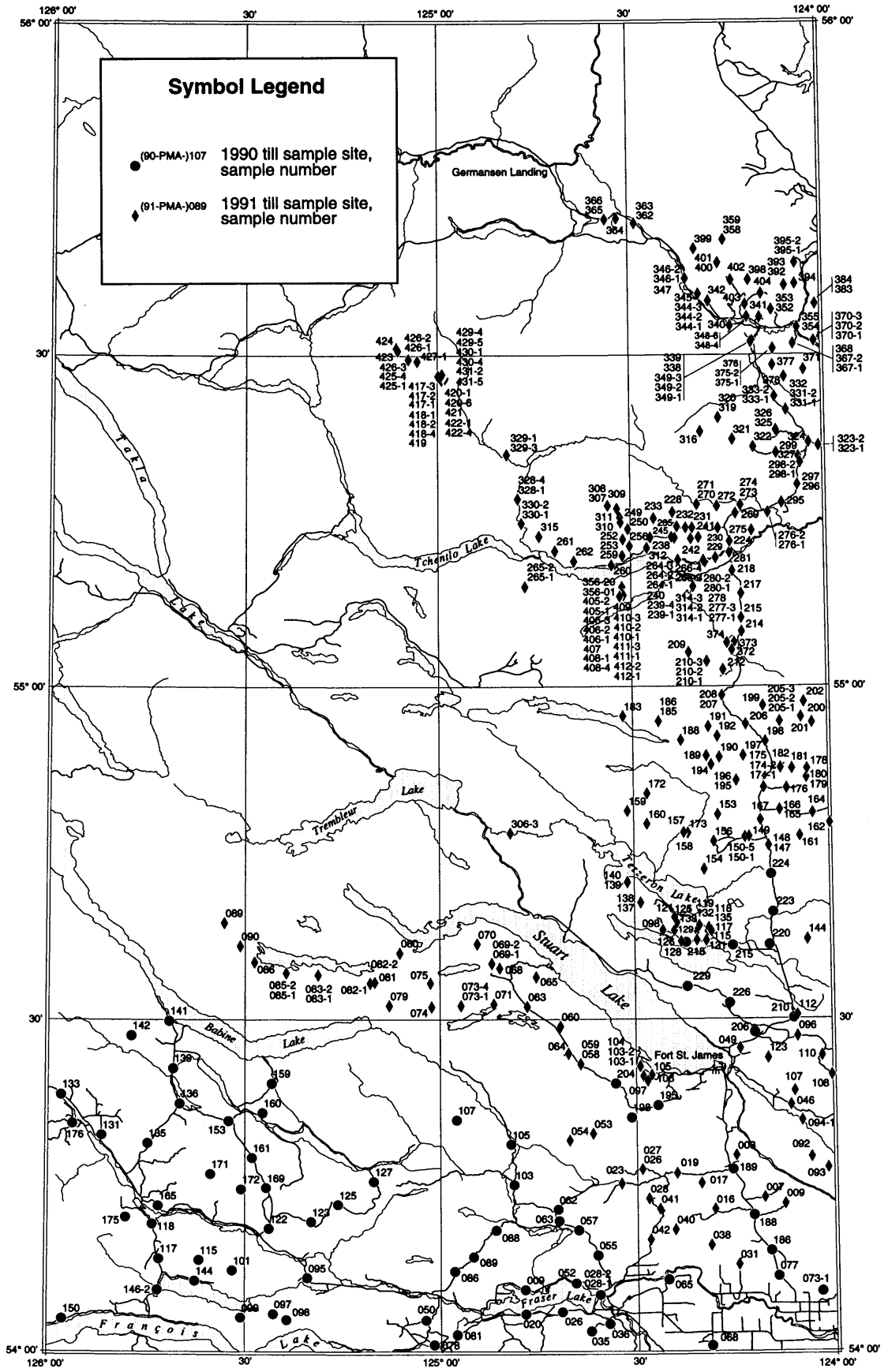
Frequency Histogram

Scale 1:1 000 000 Échelle
Miles 0 5 10 15 Miles
Kilometres 5 0 5 10 15 20 Kilomètres

Zr

Appendix 7

Sample locations



Scale 1:1 000 000 Échelle
 Miles 0 5 10 15 Miles
 Kilomètres 0 5 10 15 20 Kilomètres

1990-'91 Till Sample Sites

Sample locations

Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
90-PMA-009	-124.786	54.093	383200	5995100	91-PMA-259	-124.522	55.197	403150	6117575
90-PMA-020	-124.785	54.056	383150	5991000	91-PMA-260	-124.550	55.183	401300	6116050
90-PMA-026	-124.693	54.059	389200	5991200	91-PMA-261	-124.696	55.204	392050	6118625
90-PMA-028-1	-124.597	54.085	395550	5993950	91-PMA-262	-124.647	55.189	395125	6116850
90-PMA-028-2	-124.597	54.085	395550	5993950	91-PMA-264-1	-124.378	55.191	412300	6116650
90-PMA-035	-124.620	54.030	393900	5987850	91-PMA-264-2	-124.378	55.191	412300	6116650
90-PMA-036	-124.573	54.041	397000	5989000	91-PMA-264-3	-124.378	55.191	412300	6116650
90-PMA-050	-125.038	54.047	366550	5990450	91-PMA-265-1	-124.775	55.151	386900	6112800
90-PMA-052	-124.657	54.103	391650	5996000	91-PMA-265-2	-124.775	55.151	386900	6112800
90-PMA-055	-124.601	54.145	395400	6000575	91-PMA-266-1	-124.312	55.190	416500	6116500
90-PMA-057	-124.650	54.183	392350	6004875	91-PMA-266-2	-124.312	55.190	416500	6116500
90-PMA-062	-124.701	54.214	389050	6008425	91-PMA-266-3	-124.312	55.190	416500	6116500
90-PMA-063	-124.699	54.196	389150	6006500	91-PMA-266-4	-124.312	55.190	416500	6116500
90-PMA-065	-124.423	54.108	406975	5996225	91-PMA-266-5	-124.312	55.190	416500	6116500
90-PMA-068	-124.315	54.008	413800	5985025	91-PMA-269	-124.227	55.261	422000	6124325
90-PMA-073-1	-124.035	54.089	432300	5993750	91-PMA-270	-124.327	55.275	415700	6125950
90-PMA-073-2	-124.035	54.089	432300	5993750	91-PMA-271	-124.327	55.275	415700	6125950
90-PMA-077	-124.145	54.113	425150	5996450	91-PMA-272	-124.275	55.272	419000	6125600
90-PMA-078	-125.017	54.010	367800	5986300	91-PMA-273	-124.214	55.274	422875	6125700
90-PMA-081	-124.959	54.025	371675	5987850	91-PMA-274	-124.214	55.274	422875	6125700
90-PMA-086	-124.965	54.121	371600	5998525	91-PMA-275	-124.186	55.235	424575	6121350
90-PMA-088	-124.859	54.182	378675	6005200	91-PMA-276-1	-124.143	55.262	427350	6124350
90-PMA-089	-124.917	54.142	374800	6000850	91-PMA-276-2	-124.143	55.262	427350	6124350
90-PMA-095	-125.340	54.111	347000	5998225	91-PMA-277-1	-124.308	55.188	416750	6116250
90-PMA-097	-125.428	54.057	341100	5992325	91-PMA-277-3	-124.308	55.188	416750	6116250
90-PMA-098	-125.393	54.048	343300	5991250	91-PMA-278	-124.308	55.188	416750	6116250
90-PMA-099	-125.511	54.051	335650	5991925	91-PMA-280-1	-124.280	55.194	418500	6116900
90-PMA-101	-125.532	54.123	334550	5999925	91-PMA-280-2	-124.280	55.194	418500	6116900
90-PMA-103	-124.813	54.252	381900	6012850	91-PMA-281	-124.244	55.202	420800	6117725
90-PMA-105	-124.820	54.314	381600	6019750	91-PMA-295	-124.107	55.277	429700	6125950
90-PMA-107	-124.958	54.351	372725	6024100	91-PMA-296	-124.065	55.304	432375	6128925
90-PMA-115	-125.616	54.138	329100	6001875	91-PMA-297	-124.065	55.304	432375	6128925
90-PMA-117	-125.718	54.140	322450	6002350	91-PMA-298-1	-124.057	55.337	432950	6132625

Sample locations

Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
90-PMA-118	-125.735	54.193	321550	6008225	91-PMA-298-2	-124.057	55.337	432950	6132625
90-PMA-122	-125.439	54.186	340875	6006700	91-PMA-299	-124.119	55.352	429050	6134325
90-PMA-123	-125.331	54.196	347950	6007600	91-PMA-306-3	-124.817	54.779	383125	6071500
90-PMA-125	-125.262	54.222	352525	6010325	91-PMA-307	-124.558	55.273	401000	6126100
90-PMA-127	-125.171	54.257	358600	6014100	91-PMA-308	-124.558	55.273	401000	6126100
90-PMA-131	-125.864	54.329	313775	6023650	91-PMA-309	-124.534	55.269	402500	6125550
90-PMA-133	-125.967	54.389	307350	6030650	91-PMA-310	-124.527	55.255	402950	6124025
90-PMA-135	-125.747	54.316	321300	6021950	91-PMA-311	-124.527	55.255	402950	6124025
90-PMA-136	-125.666	54.376	326850	6028400	91-PMA-312	-124.458	55.209	407225	6118775
90-PMA-139	-125.683	54.428	325975	6034275	91-PMA-314-1	-124.339	55.151	414650	6112150
90-PMA-141	-125.693	54.498	325600	6042075	91-PMA-314-2	-124.339	55.151	414650	6112150
90-PMA-142	-125.789	54.476	319275	6039900	91-PMA-314-3	-124.339	55.151	414650	6112150
90-PMA-144	-125.627	54.107	328275	5998400	91-PMA-315	-124.737	55.226	389500	6121150
90-PMA-146-1	-125.721	54.093	322025	5997125	91-PMA-316	-124.316	55.384	416650	6138150
90-PMA-146-2	-125.721	54.093	322025	5997125	91-PMA-319	-124.269	55.405	419675	6140425
90-PMA-150	-125.962	54.049	306100	5992850	91-PMA-320	-124.269	55.405	419675	6140425
90-PMA-153	-125.541	54.350	334825	6025200	91-PMA-321	-124.232	55.373	421900	6136750
90-PMA-159	-125.431	54.406	342200	6031175	91-PMA-322	-124.178	55.361	425300	6135400
90-PMA-160	-125.455	54.362	340500	6026325	91-PMA-323-1	-124.008	55.363	436075	6135400
90-PMA-161	-125.482	54.294	338475	6018825	91-PMA-323-2	-124.008	55.363	436075	6135400
90-PMA-165	-125.720	54.220	322650	6011250	91-PMA-324	-124.034	55.368	434475	6136000
90-PMA-169	-125.446	54.248	340650	6013650	91-PMA-325	-124.119	55.386	429125	6138125
90-PMA-171	-125.587	54.269	331500	6016325	91-PMA-326	-124.119	55.386	429125	6138125
90-PMA-172	-125.509	54.246	336500	6013550	91-PMA-327	-124.061	55.347	432700	6133650
90-PMA-175	-125.803	54.203	317200	6009525	91-PMA-328-1	-124.792	55.284	386175	6127625
90-PMA-176	-125.938	54.346	309025	6025800	91-PMA-328-2	-124.792	55.284	386175	6127625
90-PMA-178	-126.031	54.320	302875	6023175	91-PMA-328-3	-124.792	55.284	386175	6127625
90-PMA-182-1	-126.035	54.258	302300	6016250	91-PMA-328-4	-124.792	55.284	386175	6127625
90-PMA-182-2	-126.035	54.258	302300	6016250	91-PMA-329-1	-124.820	55.351	384600	6135100
90-PMA-186	-124.163	54.151	424050	6000750	91-PMA-329-2	-124.820	55.351	384600	6135100
90-PMA-188	-124.205	54.205	421400	6006750	91-PMA-329-3	-124.820	55.351	384600	6135100
90-PMA-189	-124.257	54.275	418150	6014625	91-PMA-329-4	-124.820	55.351	384600	6135100
90-PMA-195	-124.445	54.372	406125	6025700	91-PMA-330-1	-124.783	55.246	386650	6123450

Sample locations

Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
90-PMA-198	-124.513	54.354	401700	6023775	91-PMA-330-2	-124.783	55.246	386650	6123450
90-PMA-204	-124.552	54.405	399250	6029500	91-PMA-331-1	-124.092	55.417	430900	6141500
90-PMA-206	-124.197	54.480	422450	6037400	91-PMA-331-2	-124.092	55.417	430900	6141500
90-PMA-210	-124.096	54.501	429000	6039625	91-PMA-332	-124.092	55.417	430900	6141500
90-PMA-215	-124.250	54.610	419275	6051900	91-PMA-333-1	-124.121	55.437	429050	6143775
90-PMA-218	-124.369	54.615	411600	6052575	91-PMA-333-2	-124.121	55.437	429050	6143775
90-PMA-220	-124.156	54.611	425350	6051900	91-PMA-338	-124.181	55.519	425450	6153000
90-PMA-223	-124.146	54.660	426100	6057350	91-PMA-339	-124.181	55.519	425450	6153000
90-PMA-224	-124.149	54.716	425950	6063600	91-PMA-340	-124.234	55.543	422125	6155750
90-PMA-226	-124.260	54.524	418475	6042325	91-PMA-341	-124.157	55.556	427000	6157050
90-PMA-229	-124.367	54.549	411600	6045225	91-PMA-342	-124.290	55.581	418650	6159950
91-PMA-003	-124.248	54.296	418775	6017000	91-PMA-344-1	-124.316	55.591	417050	6161150
91-PMA-007	-124.177	54.232	423250	6009725	91-PMA-344-2	-124.316	55.591	417050	6161150
91-PMA-009	-124.126	54.222	426600	6008575	91-PMA-344-3	-124.316	55.591	417050	6161150
91-PMA-016	-124.303	54.214	415000	6007875	91-PMA-345	-124.316	55.591	417050	6161150
91-PMA-017	-124.337	54.254	412900	6012375	91-PMA-346-1	-124.350	55.615	414975	6163800
91-PMA-019	-124.399	54.269	408900	6014150	91-PMA-346-2	-124.350	55.615	414975	6163800
91-PMA-023	-124.540	54.253	399700	6012600	91-PMA-347	-124.350	55.615	414975	6163800
91-PMA-026	-124.487	54.275	403200	6014975	91-PMA-348-1	-124.190	55.557	424950	6157200
91-PMA-027	-124.487	54.275	403200	6014975	91-PMA-348-2	-124.190	55.557	424950	6157200
91-PMA-028	-124.470	54.230	404150	6009900	91-PMA-348-3	-124.190	55.557	424950	6157200
91-PMA-031	-124.245	54.130	418675	5998525	91-PMA-348-4	-124.190	55.557	424950	6157200
91-PMA-038	-124.314	54.160	414200	6001850	91-PMA-348-5	-124.190	55.557	424950	6157200
91-PMA-040	-124.404	54.183	408350	6004575	91-PMA-348-6	-124.190	55.557	424950	6157200
91-PMA-041	-124.443	54.214	405900	6008100	91-PMA-349-1	-124.178	55.521	425650	6153175
91-PMA-042	-124.467	54.168	404200	6003000	91-PMA-349-2	-124.178	55.521	425650	6153175
91-PMA-046	-124.107	54.373	428075	6025350	91-PMA-349-3	-124.178	55.521	425650	6153175
91-PMA-049	-124.235	54.457	419950	6034825	91-PMA-352	-124.126	55.567	429000	6158275
91-PMA-053	-124.611	54.330	395250	6021200	91-PMA-353	-124.126	55.567	429000	6158275
91-PMA-054	-124.670	54.320	391350	6020150	91-PMA-354	-124.059	55.541	433150	6155250
91-PMA-058	-124.641	54.434	393550	6032850	91-PMA-355	-124.059	55.541	433150	6155250
91-PMA-059	-124.641	54.434	393550	6032850	91-PMA-356-1	-124.529	55.136	402500	6110775
91-PMA-060	-124.692	54.489	390400	6039050	91-PMA-356-10	-124.529	55.136	402500	6110775

Sample locations

Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
91-PMA-063	-124.777	54.519	385000	6042500	91-PMA-356-11	-124.529	55.136	402500	6110775
91-PMA-064	-124.672	54.449	391575	6034600	91-PMA-356-12	-124.529	55.136	402500	6110775
91-PMA-065	-124.753	54.563	386650	6047400	91-PMA-356-13	-124.529	55.136	402500	6110775
91-PMA-068	-124.846	54.577	380650	6049050	91-PMA-356-14	-124.529	55.136	402500	6110775
91-PMA-069-1	-124.866	54.584	379375	6049850	91-PMA-356-15	-124.529	55.136	402500	6110775
91-PMA-069-2	-124.866	54.584	379375	6049850	91-PMA-356-16	-124.529	55.136	402500	6110775
91-PMA-070	-124.904	54.613	377050	6053175	91-PMA-356-17	-124.529	55.136	402500	6110775
91-PMA-071	-124.862	54.523	379500	6043050	91-PMA-356-18	-124.529	55.136	402500	6110775
91-PMA-073-1	-124.946	54.520	374050	6042950	91-PMA-356-19	-124.529	55.136	402500	6110775
91-PMA-073-2	-124.946	54.520	374050	6042950	91-PMA-356-2	-124.529	55.136	402500	6110775
91-PMA-073-3	-124.946	54.520	374050	6042950	91-PMA-356-20	-124.529	55.136	402500	6110775
91-PMA-073-4	-124.946	54.520	374050	6042950	91-PMA-356-3	-124.529	55.136	402500	6110775
91-PMA-074	-125.021	54.519	369175	6042900	91-PMA-356-4	-124.529	55.136	402500	6110775
91-PMA-075	-125.024	54.554	369100	6046875	91-PMA-356-5	-124.529	55.136	402500	6110775
91-PMA-079	-125.130	54.521	362150	6043325	91-PMA-356-6	-124.529	55.136	402500	6110775
91-PMA-080	-125.103	54.600	364175	6052050	91-PMA-356-7	-124.529	55.136	402500	6110775
91-PMA-081	-125.167	54.556	359875	6047300	91-PMA-356-8	-124.529	55.136	402500	6110775
91-PMA-082-1	-125.179	54.554	359100	6047175	91-PMA-356-9	-124.529	55.136	402500	6110775
91-PMA-082-2	-125.179	54.554	359100	6047175	91-PMA-358	-124.250	55.673	421400	6170150
91-PMA-083-1	-125.312	54.567	350500	6048825	91-PMA-359	-124.250	55.673	421400	6170150
91-PMA-083-2	-125.312	54.567	350500	6048825	91-PMA-362	-124.482	55.698	406850	6173275
91-PMA-085-1	-125.394	54.570	345225	6049350	91-PMA-363	-124.482	55.698	406850	6173275
91-PMA-085-2	-125.394	54.570	345225	6049350	91-PMA-364	-124.528	55.706	403950	6174150
91-PMA-086	-125.476	54.586	340025	6051325	91-PMA-365	-124.559	55.704	402025	6174050
91-PMA-089	-125.553	54.645	335250	6058050	91-PMA-366	-124.559	55.704	402025	6174050
91-PMA-090	-125.512	54.610	337750	6054100	91-PMA-367-1	-124.016	55.520	435850	6152950
91-PMA-092	-124.057	54.294	431225	6016500	91-PMA-367-2	-124.016	55.520	435850	6152950
91-PMA-093	-124.015	54.277	433900	6014600	91-PMA-368	-124.016	55.520	435850	6152950
91-PMA-094-1	-124.079	54.349	429850	6022725	91-PMA-370-1	-124.071	55.516	432400	6152550
91-PMA-096	-124.088	54.474	429500	6036600	91-PMA-370-2	-124.071	55.516	432400	6152550
91-PMA-097	-124.471	54.409	404550	6029800	91-PMA-370-3	-124.071	55.516	432400	6152550
91-PMA-098	-124.428	54.633	407825	6054650	91-PMA-371	-124.044	55.477	434000	6148200
91-PMA-103-1	-124.489	54.430	403375	6032225	91-PMA-372	-124.241	55.055	420700	6101400

Sample locations

Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
91-PMA-103-2	-124.489	54.430	403375	6032225	91-PMA-373	-124.235	55.066	421125	6102650
91-PMA-104	-124.489	54.430	403375	6032225	91-PMA-374	-124.254	55.066	419925	6102625
91-PMA-105	-124.481	54.416	403875	6030600	91-PMA-375-1	-124.123	55.509	429050	6151800
91-PMA-106	-124.460	54.418	405250	6030750	91-PMA-375-2	-124.123	55.509	429050	6151800
91-PMA-107	-124.097	54.394	428750	6027650	91-PMA-376	-124.123	55.509	429050	6151800
91-PMA-108	-124.002	54.417	434975	6030150	91-PMA-377	-124.125	55.484	428900	6149050
91-PMA-110	-124.026	54.445	433450	6033350	91-PMA-378	-124.095	55.467	430750	6147050
91-PMA-112	-124.087	54.506	429600	6040100	91-PMA-383	-124.011	55.575	436225	6159075
91-PMA-115	-124.244	54.611	419650	6051950	91-PMA-384	-124.011	55.575	436225	6159075
91-PMA-117	-124.304	54.631	415825	6054350	91-PMA-392	-124.091	55.604	431275	6162300
91-PMA-118	-124.310	54.636	415425	6054900	91-PMA-393	-124.091	55.604	431275	6162300
91-PMA-119	-124.334	54.640	413875	6055325	91-PMA-394	-124.063	55.606	433000	6162525
91-PMA-121	-124.398	54.652	409825	6056775	91-PMA-395-1	-124.063	55.637	433100	6166000
91-PMA-123	-124.164	54.442	424525	6033150	91-PMA-395-2	-124.063	55.637	433100	6166000
91-PMA-125	-124.392	54.644	410150	6055850	91-PMA-398	-124.185	55.612	425350	6163325
91-PMA-126	-124.398	54.632	409725	6054575	91-PMA-399	-124.326	55.659	416575	6168725
91-PMA-128	-124.381	54.616	410800	6052725	91-PMA-400	-124.264	55.638	420400	6166300
91-PMA-129	-124.341	54.618	413400	6052875	91-PMA-401	-124.264	55.638	420400	6166300
91-PMA-131	-124.317	54.617	414950	6052800	91-PMA-402	-124.231	55.612	422475	6163350
91-PMA-132	-124.338	54.635	413650	6054750	91-PMA-403	-124.193	55.575	424750	6159250
91-PMA-133	-124.340	54.631	413500	6054300	91-PMA-404	-124.152	55.591	427375	6161000
91-PMA-135	-124.313	54.631	415250	6054300	91-PMA-405-1	-124.530	55.135	402475	6110650
91-PMA-137	-124.484	54.675	404300	6059375	91-PMA-405-2	-124.530	55.135	402475	6110650
91-PMA-138	-124.484	54.675	404300	6059375	91-PMA-406-1	-124.529	55.135	402525	6110650
91-PMA-139	-124.517	54.705	402225	6062800	91-PMA-406-2	-124.529	55.135	402525	6110650
91-PMA-140	-124.517	54.705	402225	6062800	91-PMA-406-3	-124.529	55.135	402525	6110650
91-PMA-144	-124.059	54.619	431625	6052650	91-PMA-407	-124.529	55.136	402500	6110725
91-PMA-147	-124.155	54.759	425700	6068400	91-PMA-408-1	-124.529	55.136	402500	6110725
91-PMA-148	-124.155	54.759	425700	6068400	91-PMA-408-2	-124.529	55.136	402500	6110725
91-PMA-149	-124.204	54.773	422525	6070000	91-PMA-408-3	-124.529	55.136	402500	6110725
91-PMA-150-1	-124.215	54.772	421850	6069925	91-PMA-408-4	-124.529	55.136	402500	6110725
91-PMA-150-2	-124.215	54.772	421850	6069925	91-PMA-409	-124.530	55.136	402450	6110725
91-PMA-150-3	-124.215	54.772	421850	6069925	91-PMA-410-1	-124.520	55.138	403125	6110950

Sample locations

Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
91-PMA-150-4	-124.215	54.772	421850	6069925	91-PMA-410-2	-124.520	55.138	403125	6110950
91-PMA-150-5	-124.215	54.772	421850	6069925	91-PMA-410-3	-124.520	55.138	403125	6110950
91-PMA-153	-124.284	54.807	417475	6073800	91-PMA-411-1	-124.530	55.137	402475	6110875
91-PMA-154	-124.320	54.724	414950	6064650	91-PMA-411-2	-124.530	55.137	402475	6110875
91-PMA-156	-124.295	54.766	416675	6069300	91-PMA-411-3	-124.530	55.137	402475	6110875
91-PMA-157	-124.372	54.779	411775	6070900	91-PMA-411-4	-124.530	55.137	402475	6110875
91-PMA-158	-124.372	54.777	411775	6070600	91-PMA-411-5	-124.530	55.137	402475	6110875
91-PMA-159	-124.516	54.812	402600	6074750	91-PMA-411-6	-124.530	55.137	402475	6110875
91-PMA-160	-124.466	54.793	405750	6072500	91-PMA-411-7	-124.530	55.137	402475	6110875
91-PMA-161	-124.074	54.774	430900	6069925	91-PMA-411-8	-124.530	55.137	402475	6110875
91-PMA-162	-123.997	54.793	435900	6072000	91-PMA-412-1	-124.523	55.150	402925	6112350
91-PMA-164	-124.040	54.809	433125	6073775	91-PMA-412-2	-124.523	55.150	402925	6112350
91-PMA-165	-124.125	54.814	427700	6074425	91-PMA-417-1	-124.998	55.469	373700	6148600
91-PMA-166	-124.125	54.814	427700	6074425	91-PMA-417-2	-124.998	55.469	373700	6148600
91-PMA-167	-124.175	54.798	424475	6072750	91-PMA-417-3	-124.998	55.469	373700	6148600
91-PMA-172	-124.465	54.839	405925	6077650	91-PMA-418-1	-124.988	55.472	374350	6148850
91-PMA-173	-124.361	54.779	412450	6070800	91-PMA-418-2	-124.988	55.472	374350	6148850
91-PMA-174-1	-124.165	54.848	425175	6078250	91-PMA-418-4	-124.988	55.472	374350	6148850
91-PMA-174-2	-124.165	54.848	425175	6078250	91-PMA-419	-124.987	55.471	374400	6148750
91-PMA-175	-124.165	54.848	425175	6078250	91-PMA-420-1	-124.985	55.470	374500	6148625
91-PMA-176	-124.106	54.846	428950	6078050	91-PMA-420-2	-124.985	55.470	374500	6148625
91-PMA-178	-124.053	54.875	432425	6081200	91-PMA-420-3	-124.985	55.470	374500	6148625
91-PMA-179	-124.055	54.862	432275	6079750	91-PMA-420-4	-124.985	55.470	374500	6148625
91-PMA-180	-124.055	54.862	432275	6079750	91-PMA-420-5	-124.985	55.470	374500	6148625
91-PMA-181	-124.092	54.876	429925	6081300	91-PMA-420-6	-124.985	55.470	374500	6148625
91-PMA-182	-124.121	54.877	428050	6081450	91-PMA-421	-124.985	55.470	374500	6148725
91-PMA-183	-124.525	54.955	402350	6090650	91-PMA-422-1	-124.984	55.468	374550	6148475
91-PMA-185	-124.433	54.947	408200	6089650	91-PMA-422-2	-124.984	55.468	374550	6148475
91-PMA-186	-124.433	54.947	408200	6089650	91-PMA-422-3	-124.984	55.468	374550	6148475
91-PMA-188	-124.376	54.919	411775	6086400	91-PMA-422-4	-124.984	55.468	374550	6148475
91-PMA-189	-124.311	54.895	415900	6083700	91-PMA-423	-125.104	55.508	367150	6153075
91-PMA-190	-124.278	54.893	418025	6083425	91-PMA-424	-125.107	55.511	366950	6153475
91-PMA-191	-124.305	54.939	416375	6088575	91-PMA-425-1	-125.076	55.494	368875	6151550

Sample locations

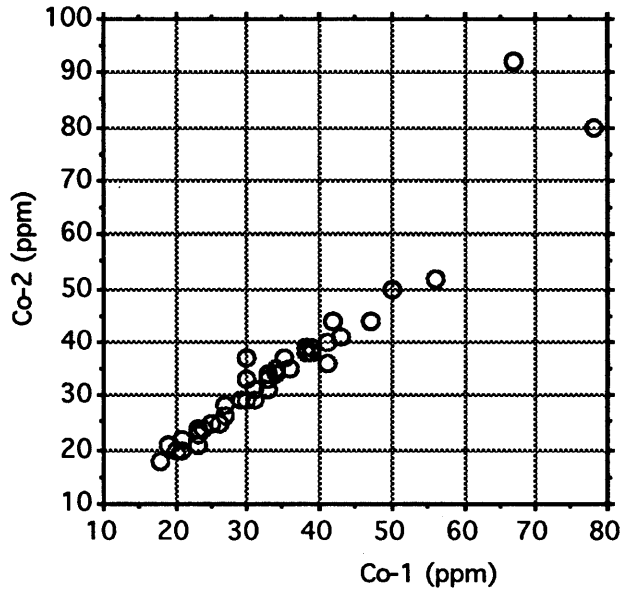
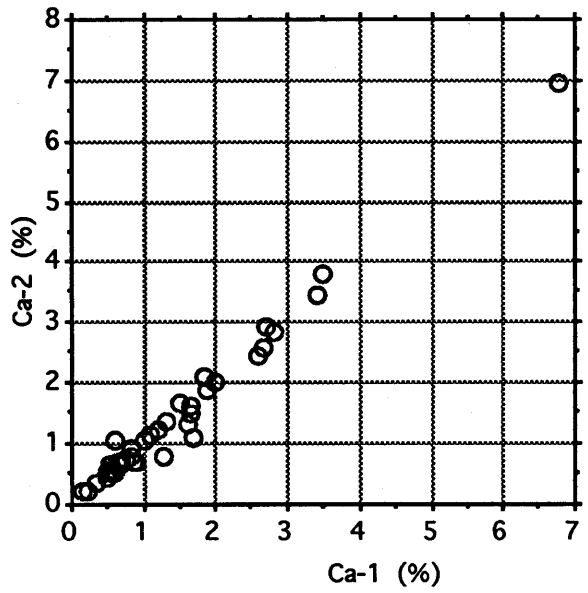
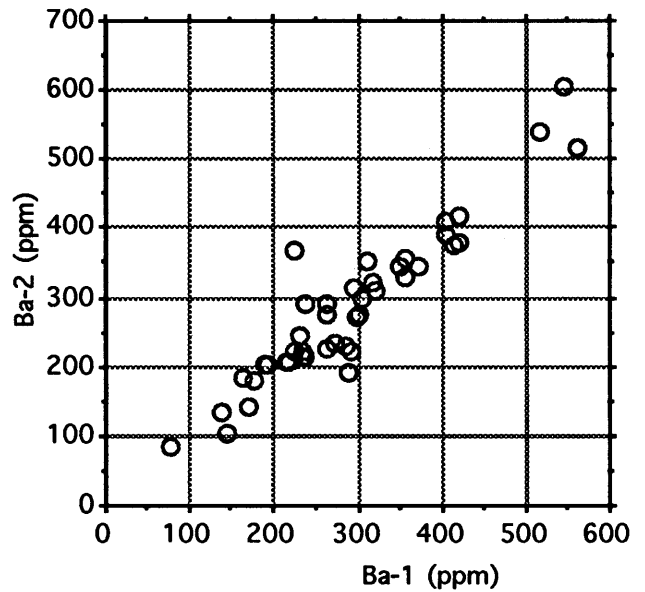
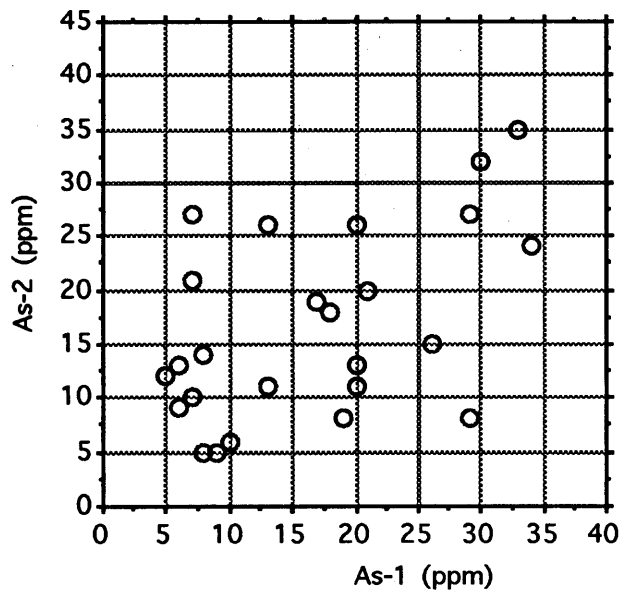
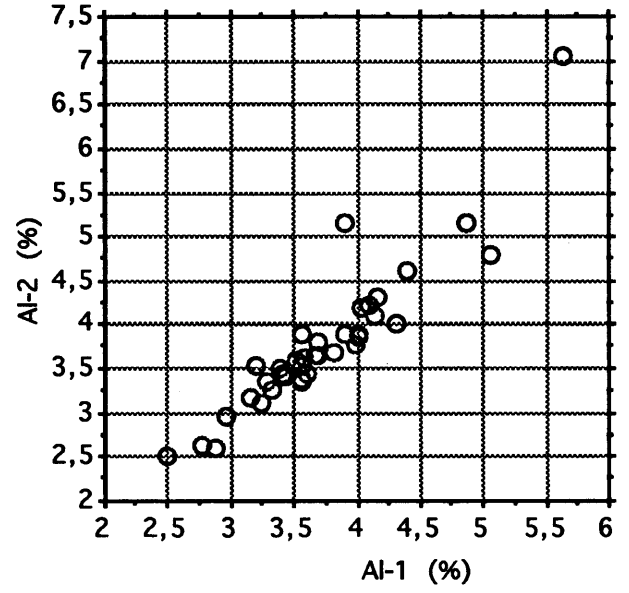
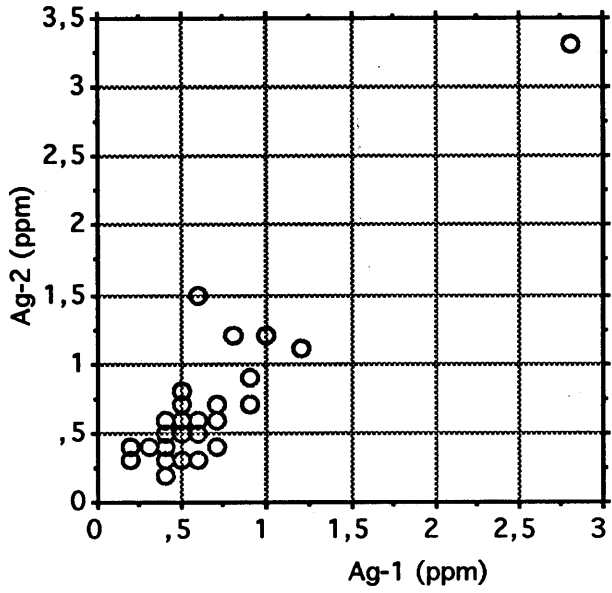
Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
91-PMA-192	-124.283	54.925	417800	6086950	91-PMA-425-2	-125.076	55.494	368875	6151550
91-PMA-194	-124.299	54.882	416650	6082225	91-PMA-425-3	-125.076	55.494	368875	6151550
91-PMA-195	-124.235	54.858	420700	6079500	91-PMA-425-4	-125.076	55.494	368875	6151550
91-PMA-196	-124.235	54.858	420700	6079500	91-PMA-426-1	-125.074	55.493	368950	6151450
91-PMA-197	-124.217	54.895	421975	6083600	91-PMA-426-2	-125.074	55.493	368950	6151450
91-PMA-198	-124.159	54.917	425700	6085900	91-PMA-426-3	-125.074	55.493	368950	6151450
91-PMA-199	-124.164	54.970	425475	6091900	91-PMA-427-1	-125.052	55.492	370325	6151200
91-PMA-200	-124.039	54.945	433450	6088900	91-PMA-429-1	-124.979	55.466	374850	6148175
91-PMA-201	-124.067	54.953	431675	6089850	91-PMA-429-2	-124.979	55.466	374850	6148175
91-PMA-202	-124.059	54.976	432225	6092400	91-PMA-429-3	-124.979	55.466	374850	6148175
91-PMA-205-1	-124.122	54.947	428150	6089200	91-PMA-429-4	-124.979	55.466	374850	6148175
91-PMA-205-2	-124.122	54.947	428150	6089200	91-PMA-429-5	-124.979	55.466	374850	6148175
91-PMA-205-3	-124.122	54.947	428150	6089200	91-PMA-429-6	-124.979	55.466	374850	6148175
91-PMA-206	-124.209	54.943	422550	6088850	91-PMA-430-1	-124.979	55.467	374900	6148275
91-PMA-207	-124.269	54.986	418800	6093775	91-PMA-430-2	-124.979	55.467	374900	6148275
91-PMA-208	-124.269	54.986	418800	6093775	91-PMA-430-3	-124.979	55.467	374900	6148275
91-PMA-209	-124.353	55.052	413550	6101150	91-PMA-430-4	-124.979	55.467	374900	6148275
91-PMA-210-1	-124.307	55.038	416500	6099575	91-PMA-431-1	-124.989	55.463	374250	6147925
91-PMA-210-2	-124.307	55.038	416500	6099575	91-PMA-431-2	-124.989	55.463	374250	6147925
91-PMA-210-3	-124.307	55.038	416500	6099575	91-PMA-431-3	-124.989	55.463	374250	6147925
91-PMA-212	-124.265	55.025	419125	6098125	91-PMA-431-4	-124.989	55.463	374250	6147925
91-PMA-214	-124.216	55.083	422400	6104450	91-PMA-431-5	-124.989	55.463	374250	6147925
91-PMA-215	-124.216	55.103	422400	6106750	91-PMA-431-6	-124.989	55.463	374250	6147925
91-PMA-217	-124.216	55.140	422500	6110800					
91-PMA-218	-124.238	55.174	421175	6114650					
91-PMA-224	-124.243	55.218	420900	6119550					
91-PMA-228	-124.390	55.263	411650	6124725					
91-PMA-229	-124.273	55.238	419050	6121850					
91-PMA-230	-124.273	55.238	419050	6121850					
91-PMA-231	-124.340	55.239	414800	6122000					
91-PMA-232	-124.357	55.239	413725	6122050					
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91-PMA-235	-124.379	55.241	412300	6122250					

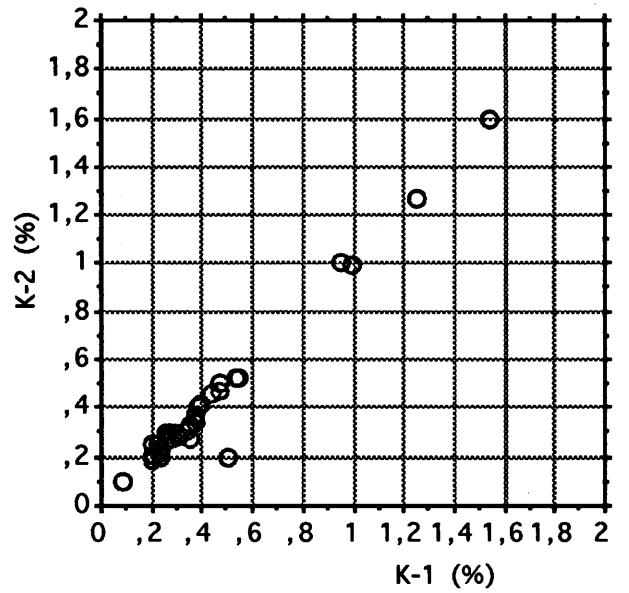
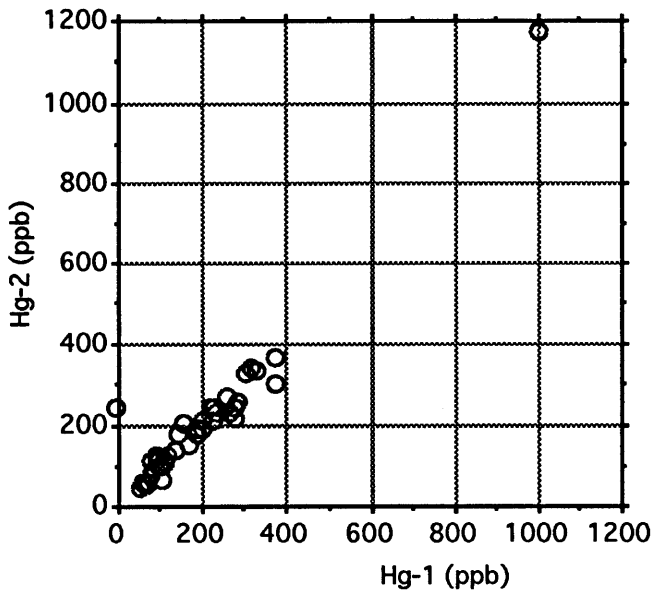
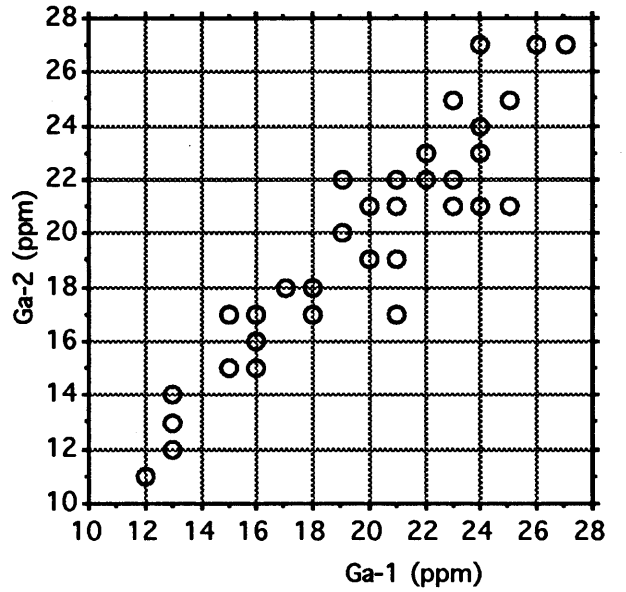
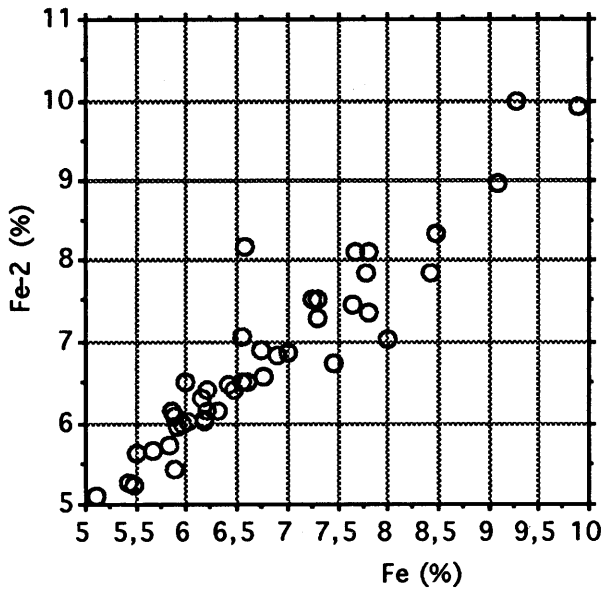
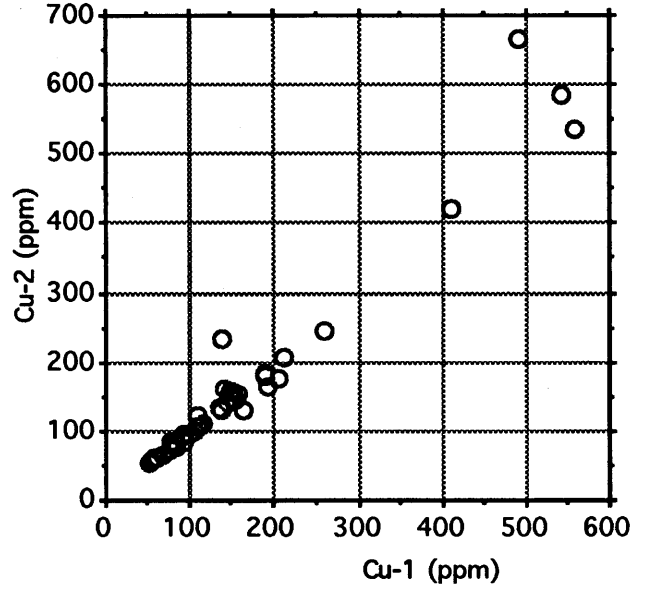
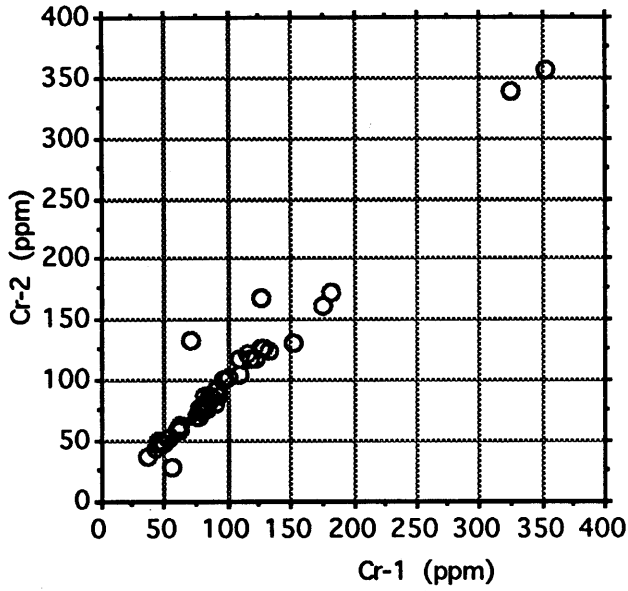
Sample locations

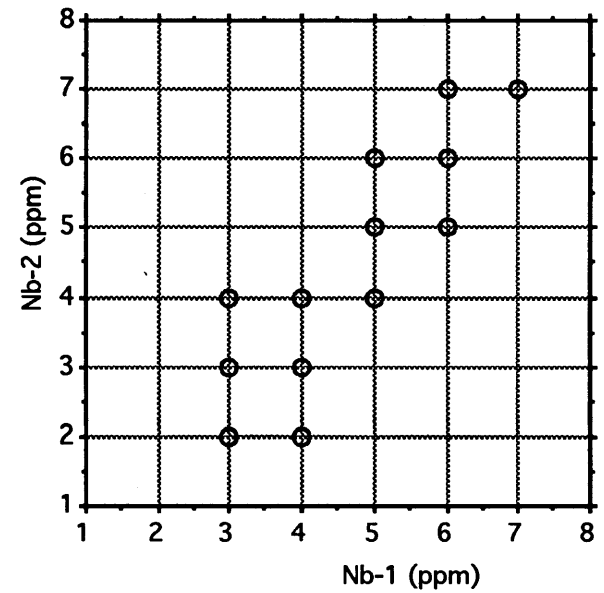
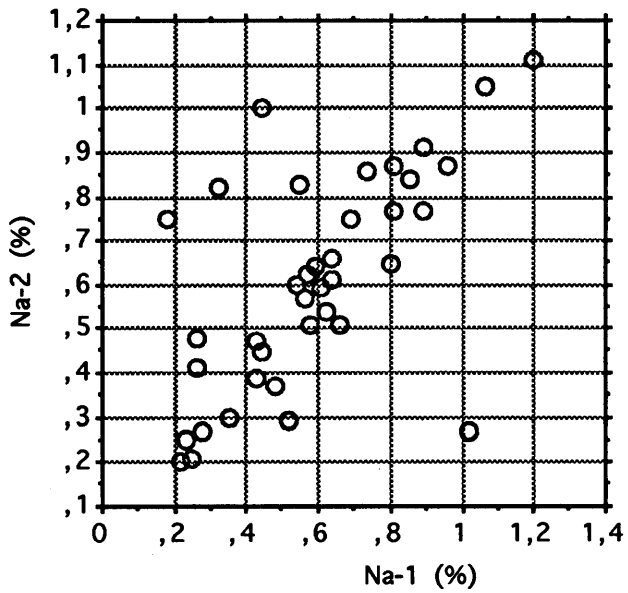
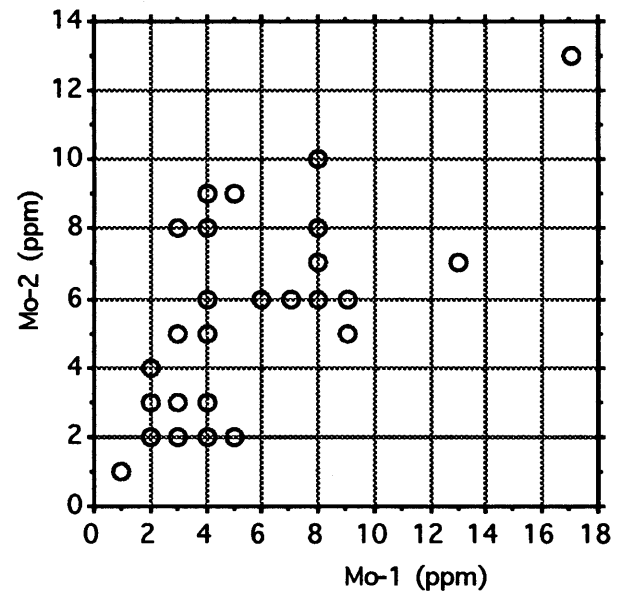
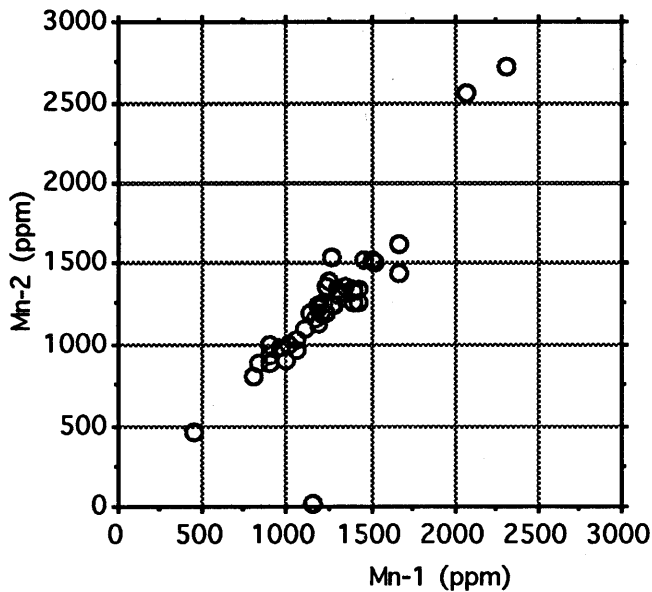
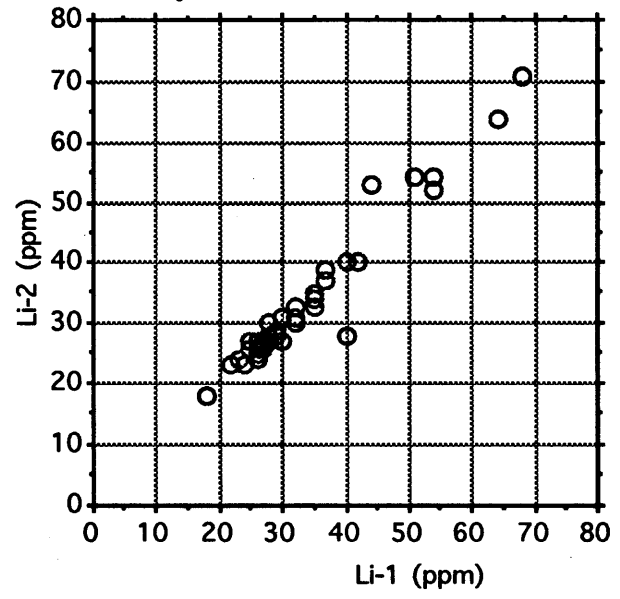
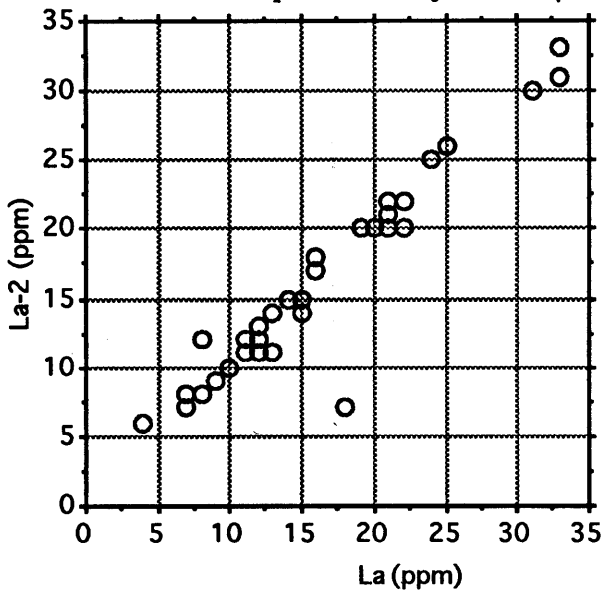
Sample #	Long.	Lat.	Easting	Northing	Sample #	Long.	Lat.	Easting	Northing
91-PMA-238	-124.394	55.225	411350	6120525					
91-PMA-239-1	-124.386	55.224	411850	6120350					
91-PMA-239-2	-124.386	55.224	411850	6120350					
91-PMA-239-3	-124.386	55.224	411850	6120350					
91-PMA-239-4	-124.386	55.224	411850	6120350					
91-PMA-240	-124.386	55.224	411850	6120350					
91-PMA-241	-124.324	55.224	415800	6120350					
91-PMA-242	-124.344	55.222	414525	6120150					
91-PMA-245	-124.449	55.224	407850	6120500					
91-PMA-249	-124.525	55.248	403025	6123200					
91-PMA-250	-124.507	55.237	404200	6122025					
91-PMA-252	-124.520	55.222	403325	6120300					
91-PMA-253	-124.520	55.222	403325	6120300					
91-PMA-256	-124.502	55.212	404400	6119150					

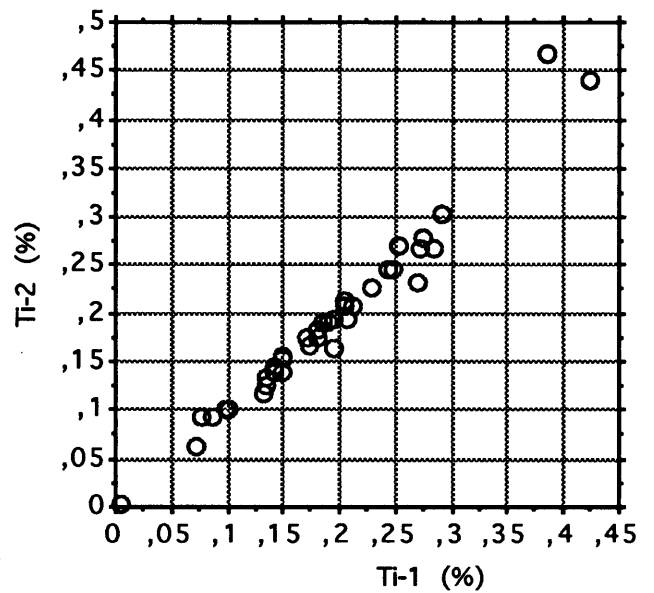
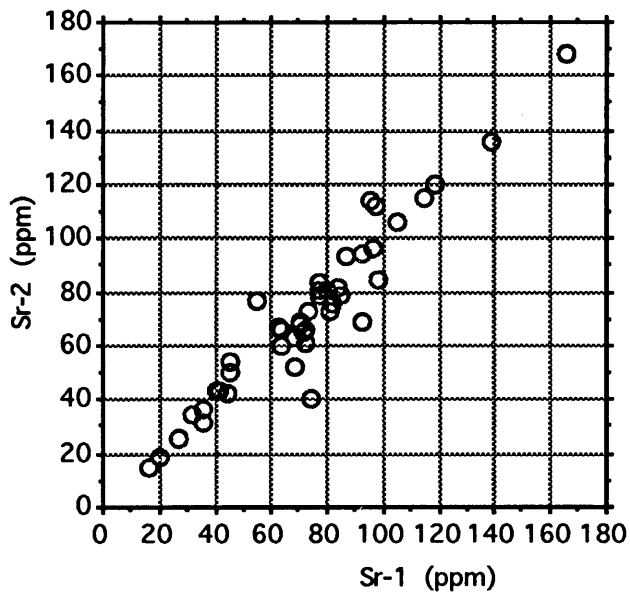
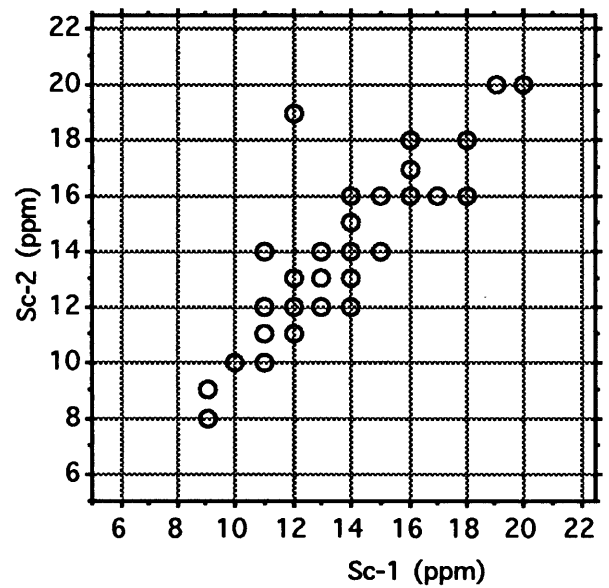
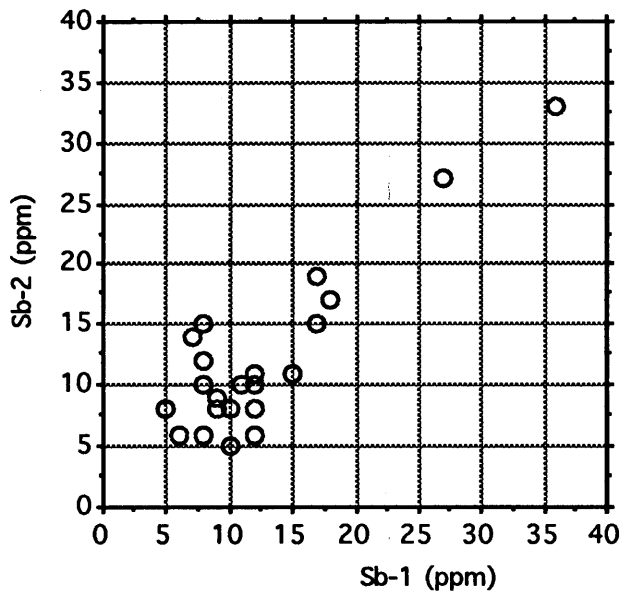
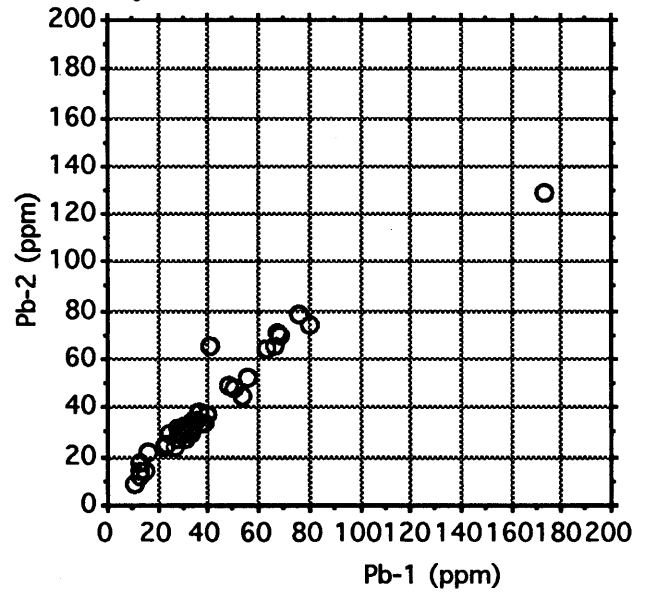
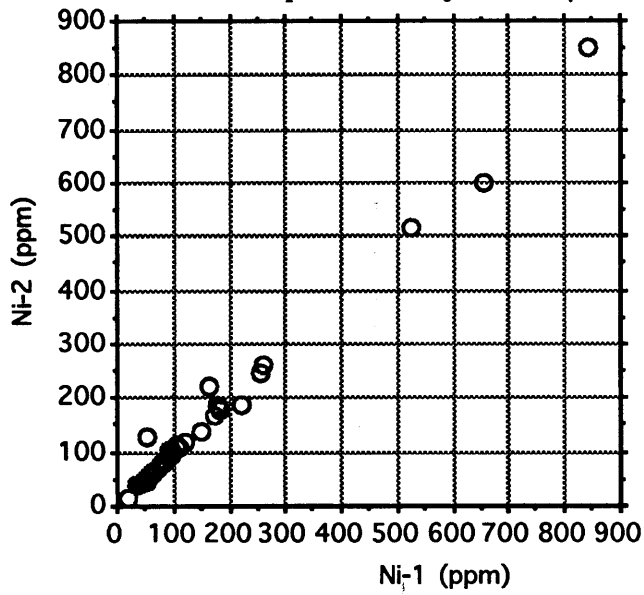
Appendix 8

Duplicate analyses
correlation plots

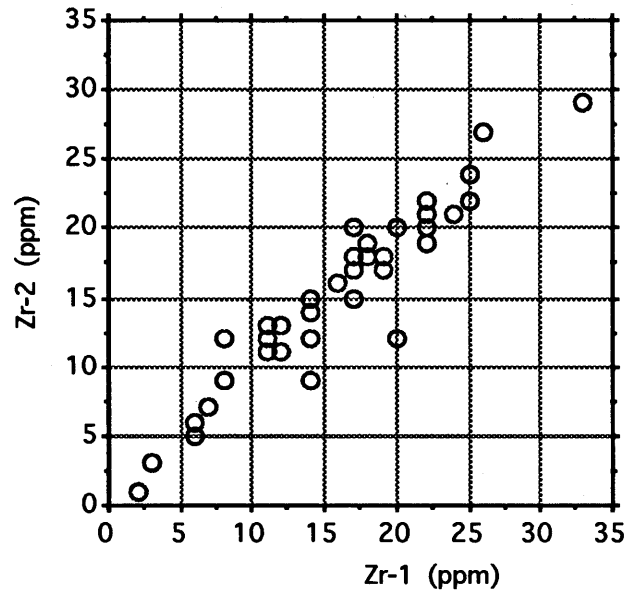
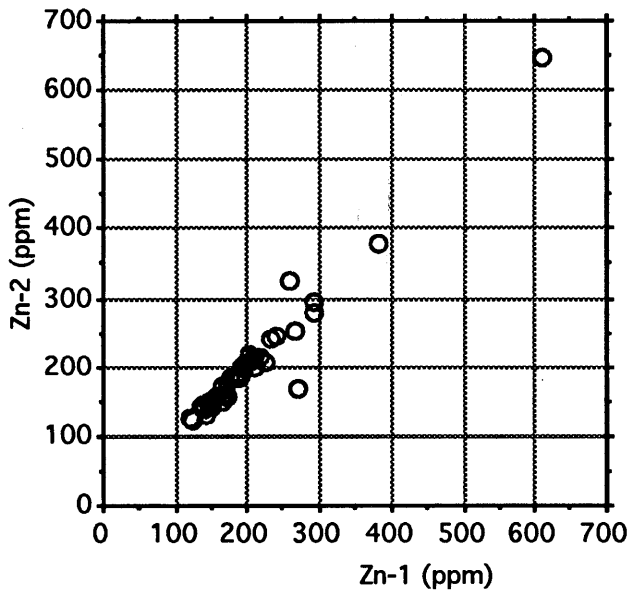
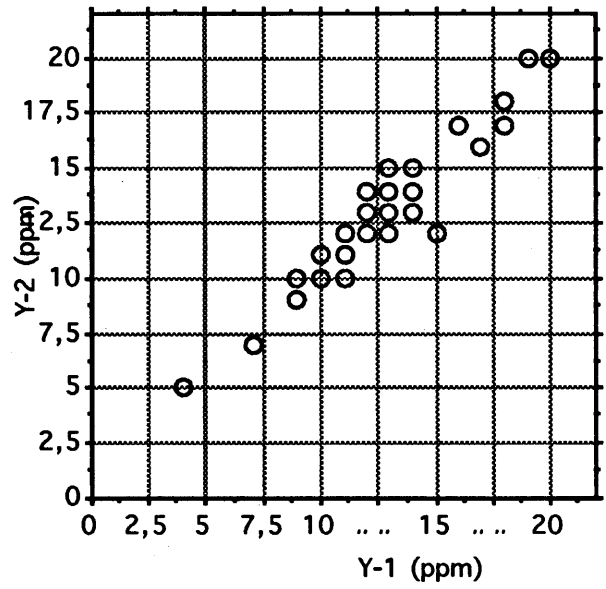
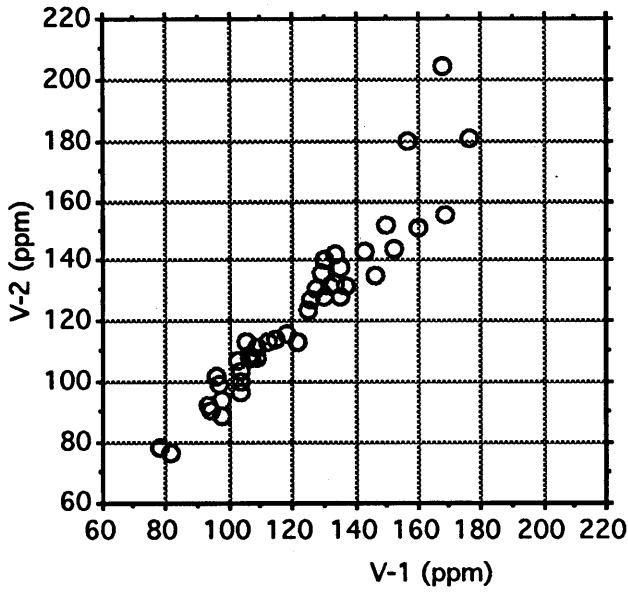


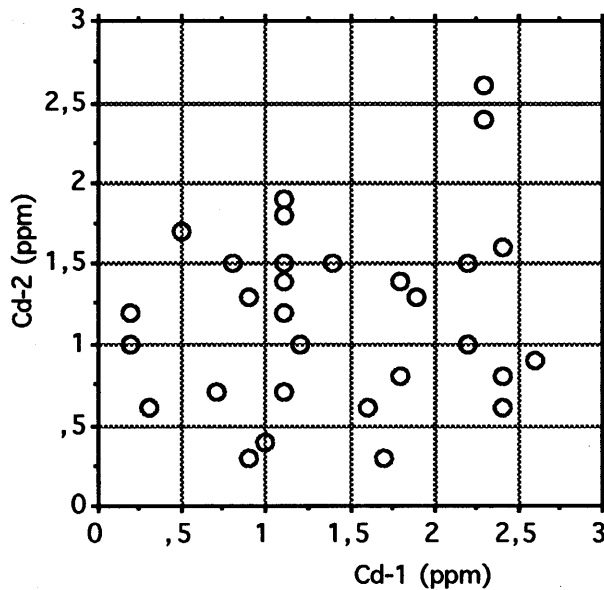
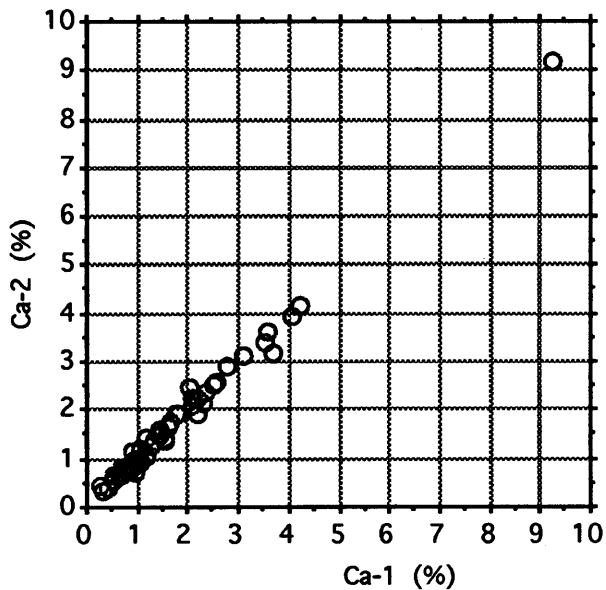
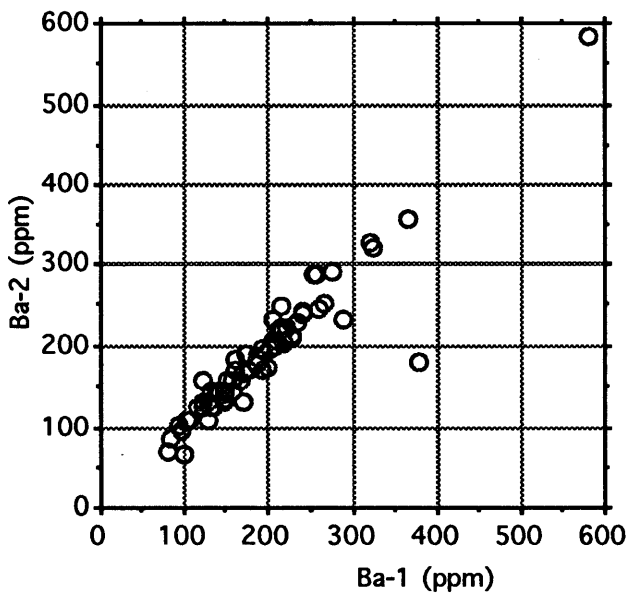
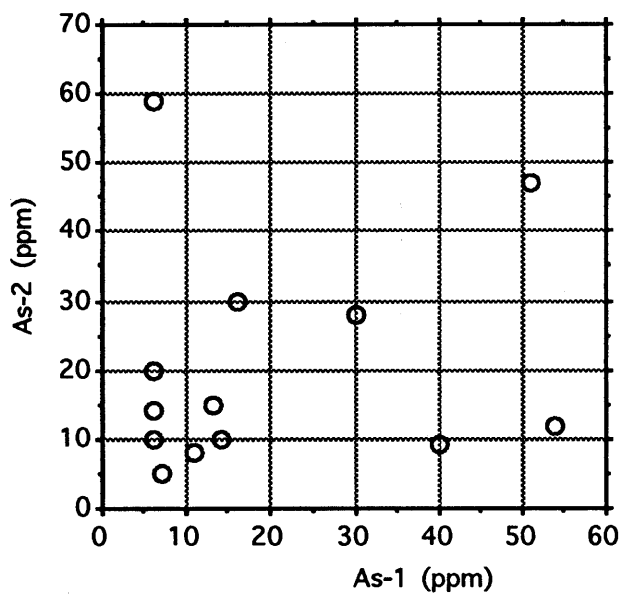
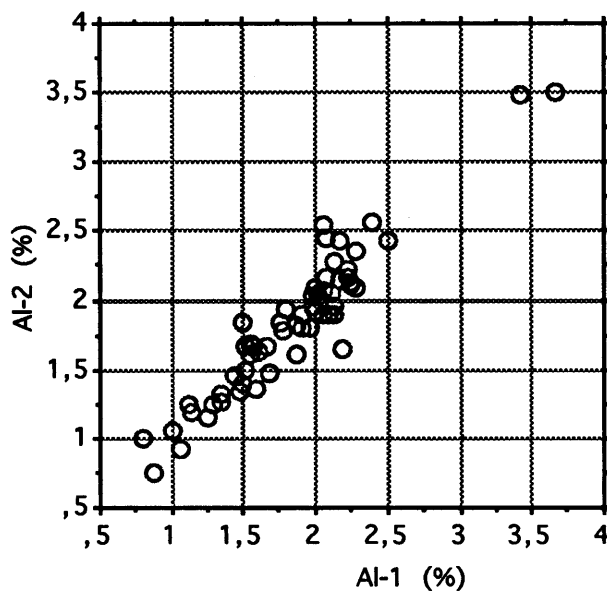
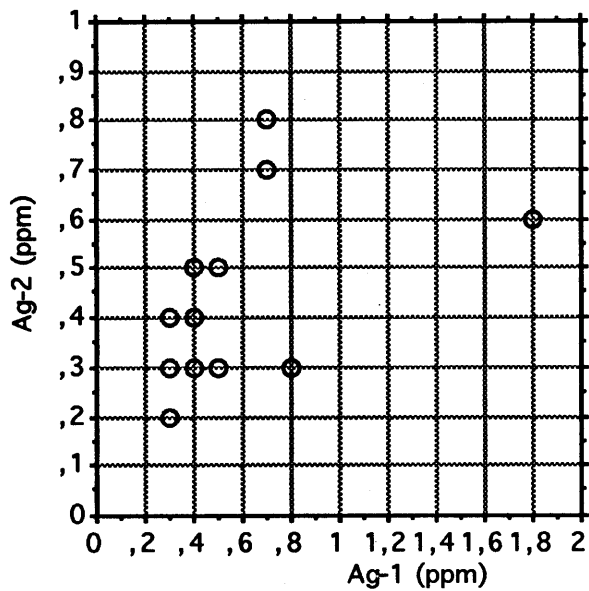


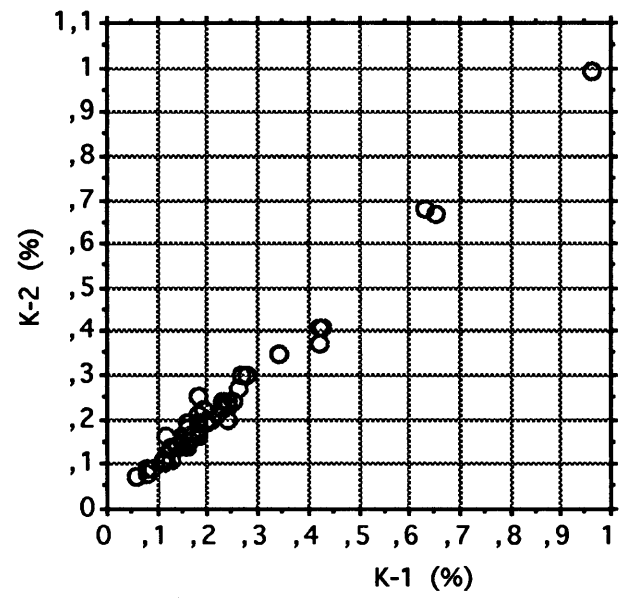
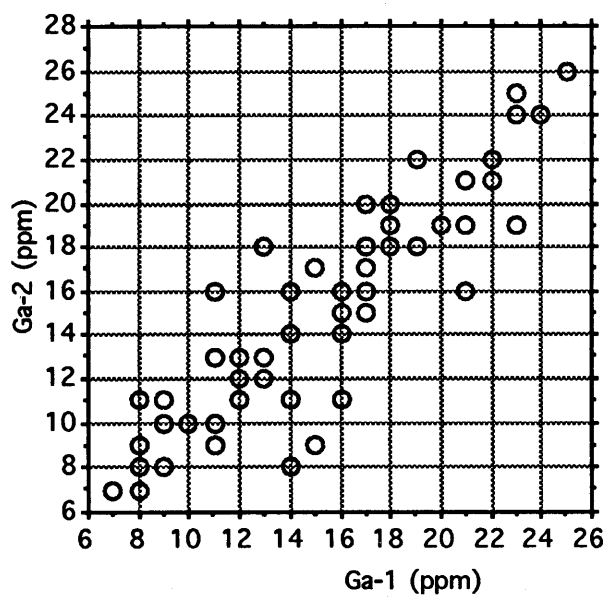
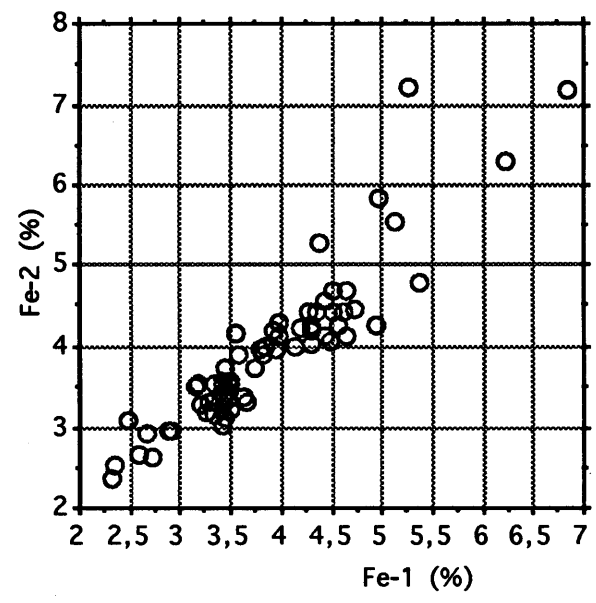
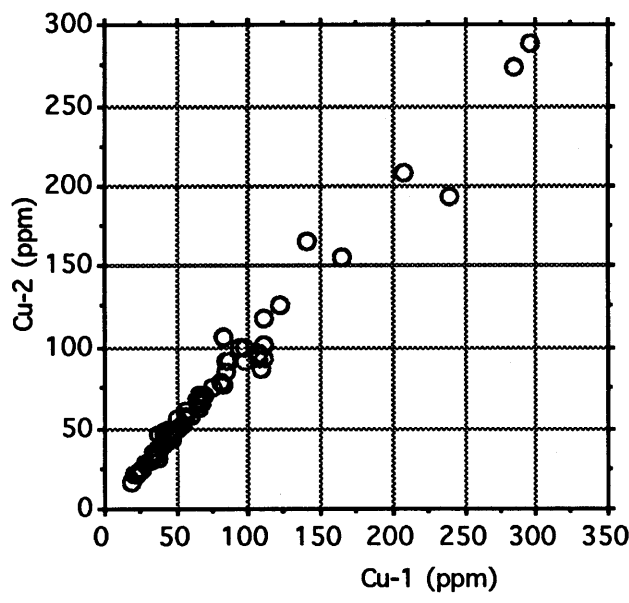
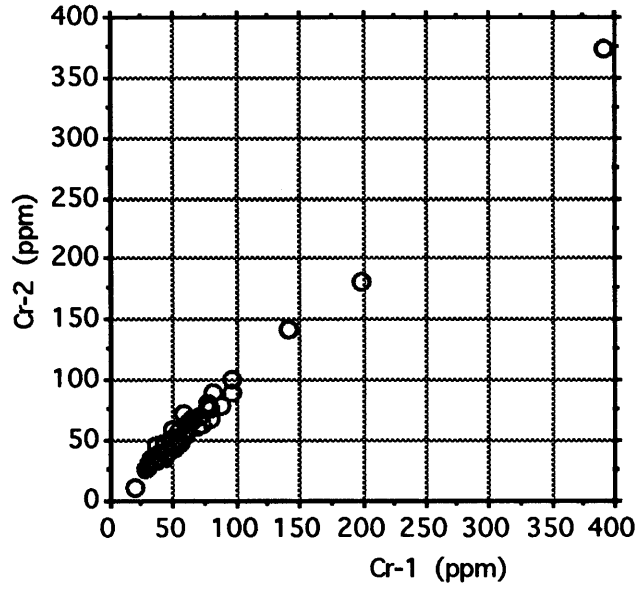
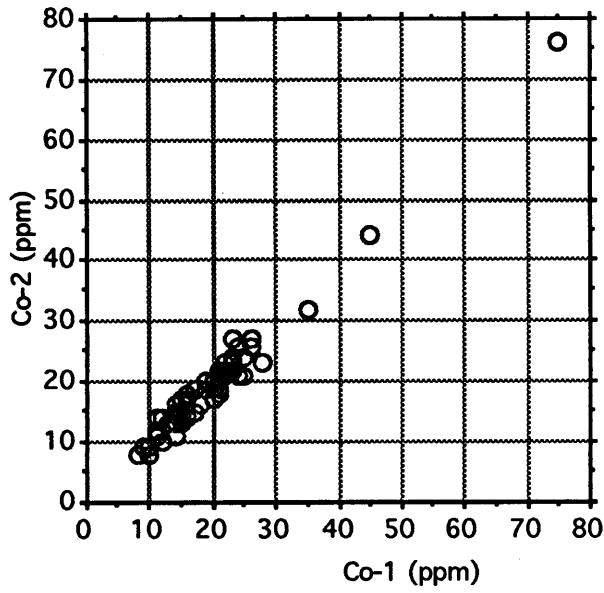


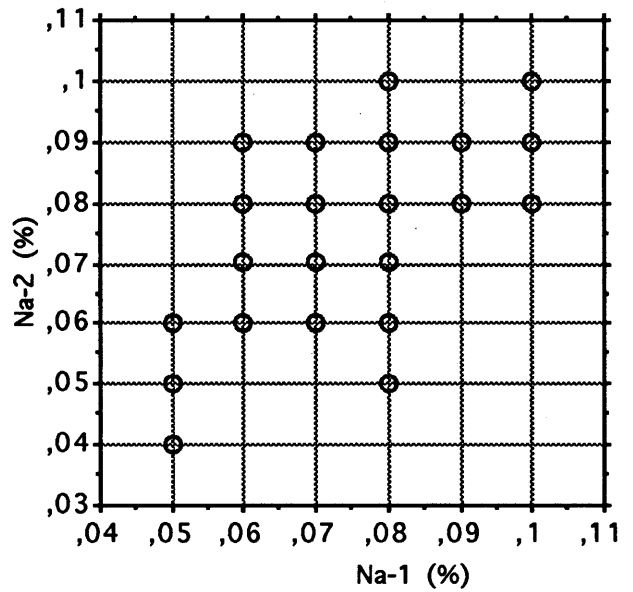
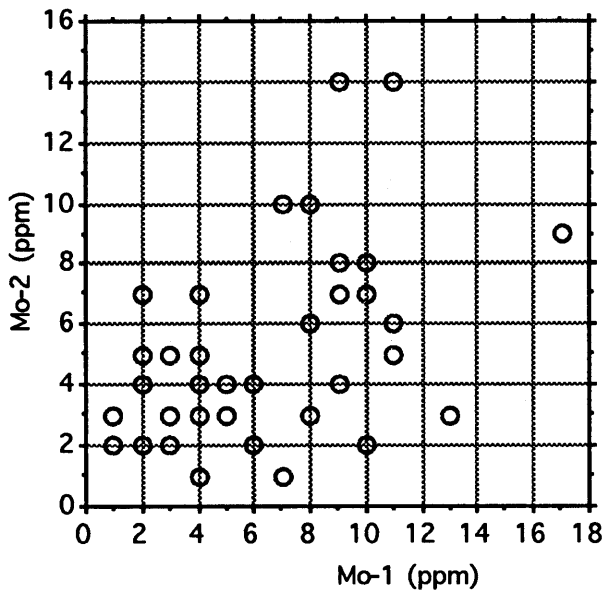
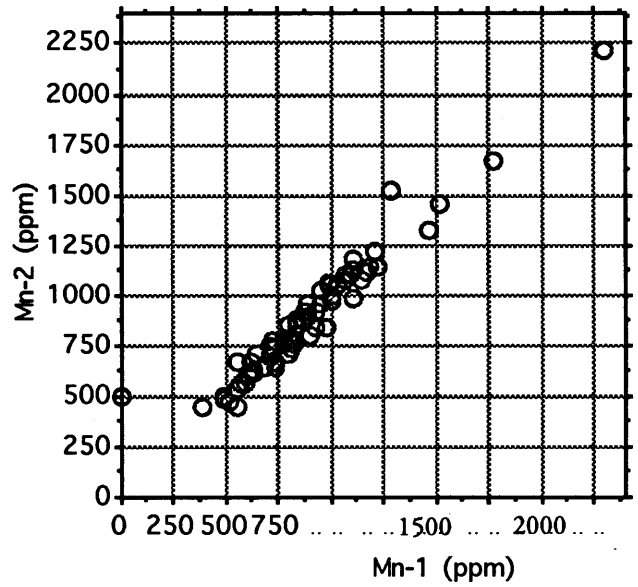
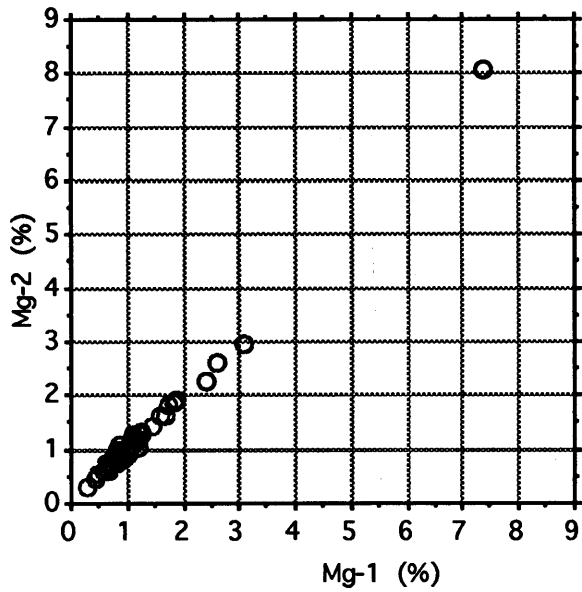
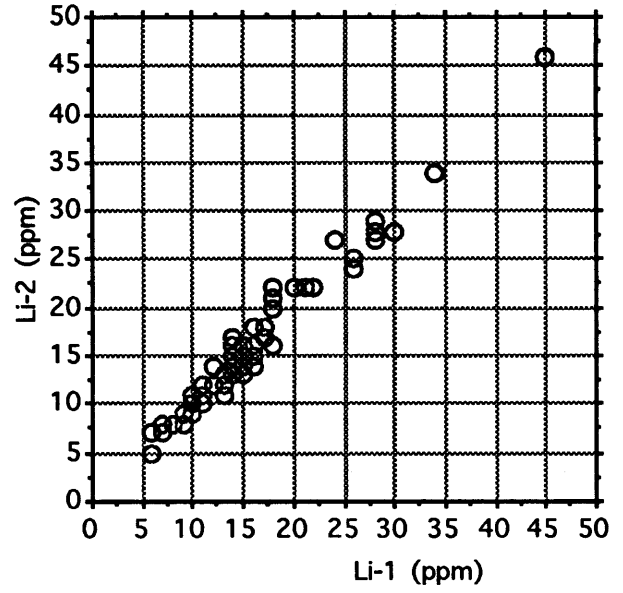
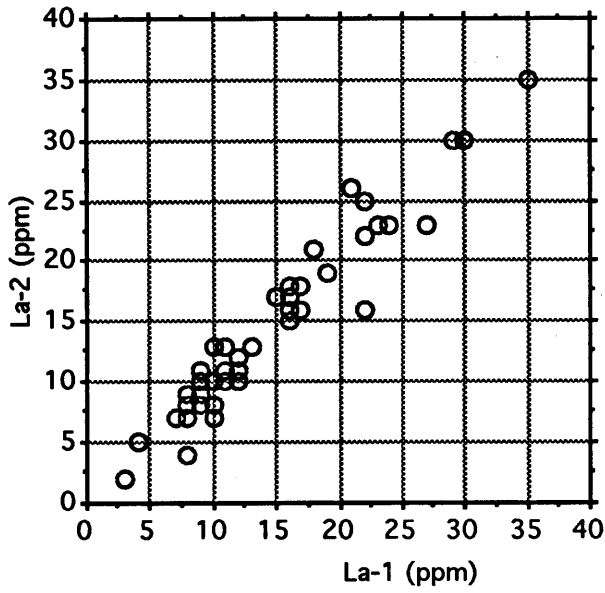


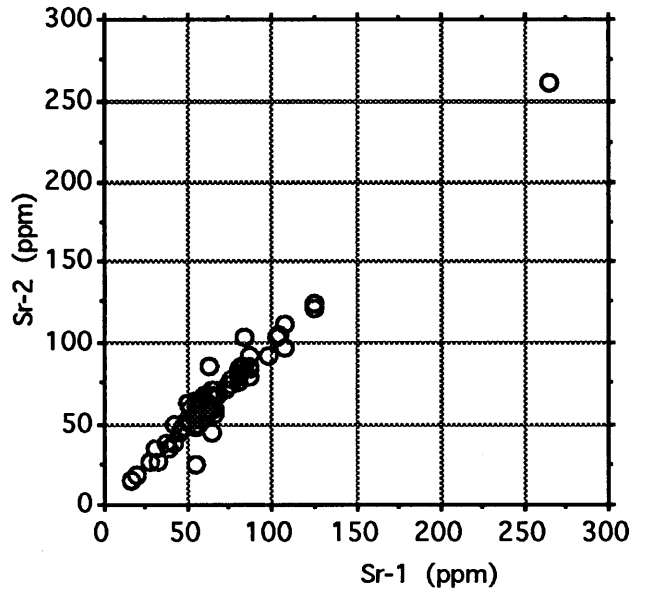
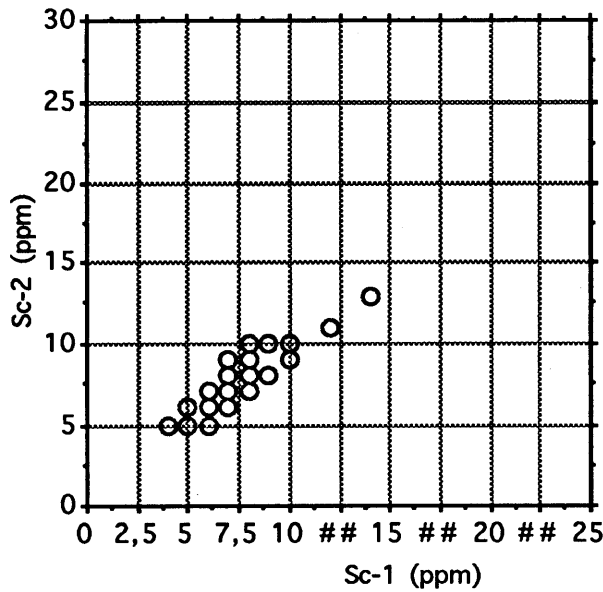
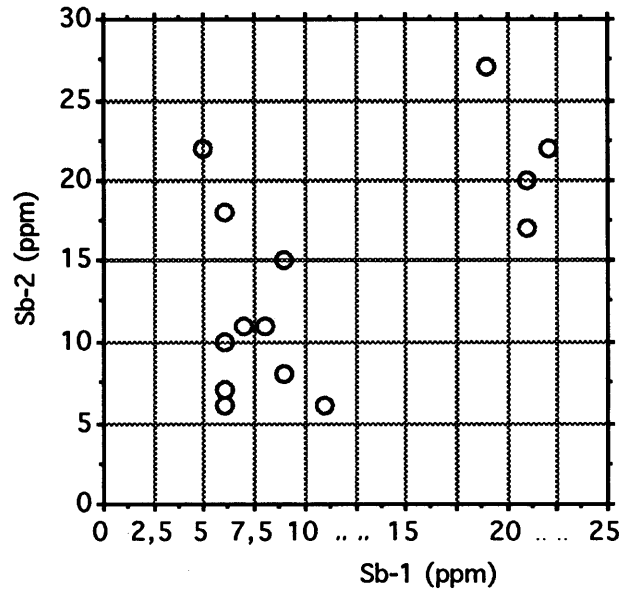
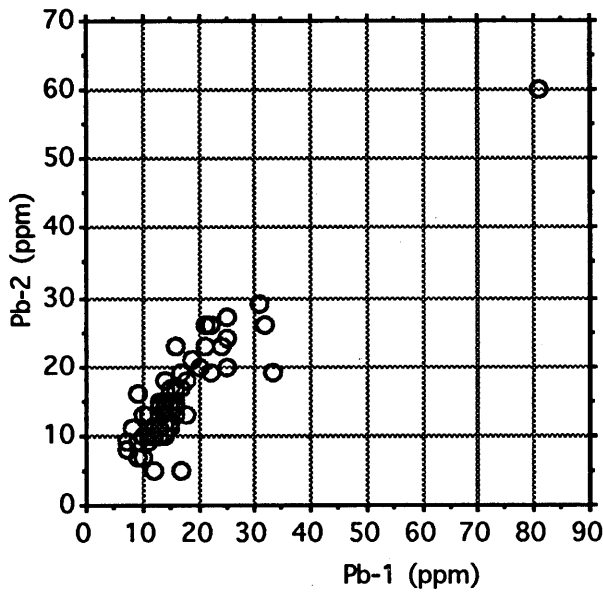
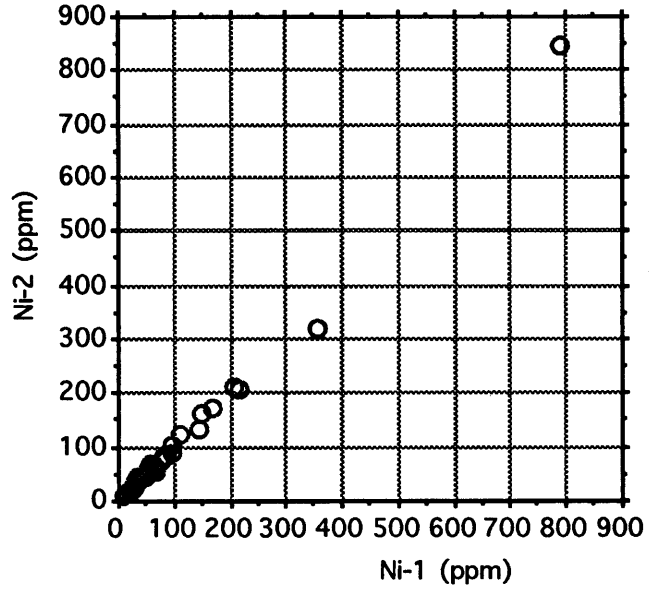
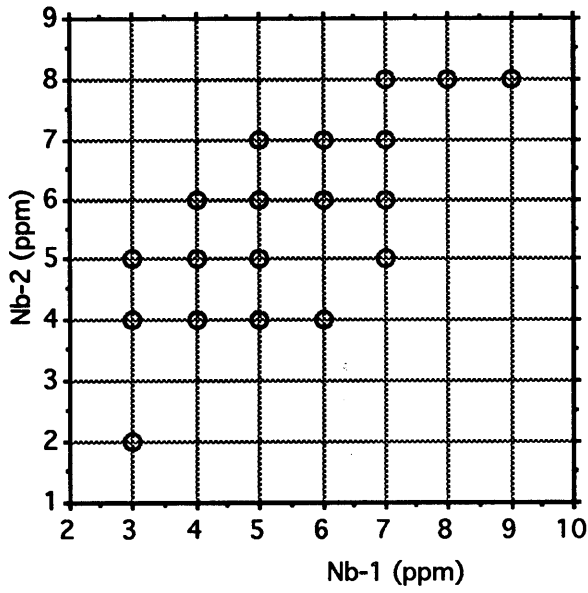
Duplicate analyses : <2 μm size fraction by ICP - AES N = 44

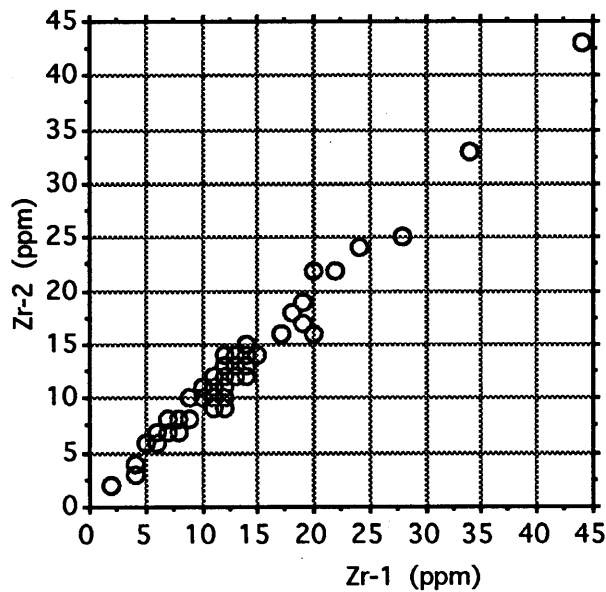
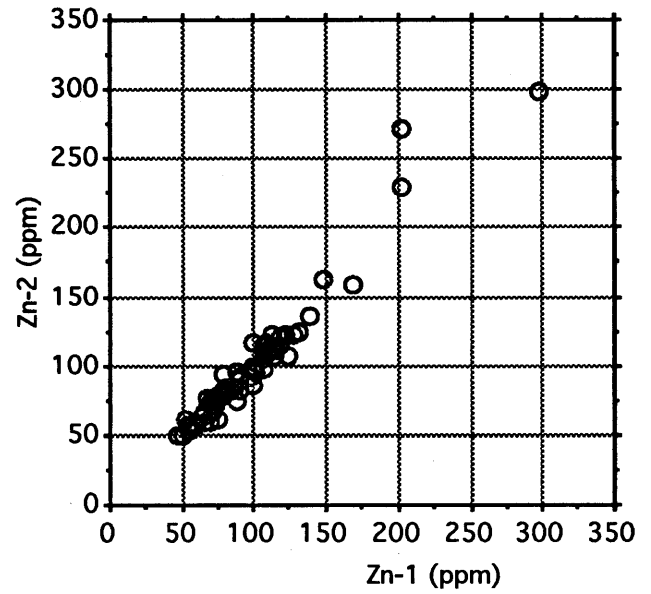
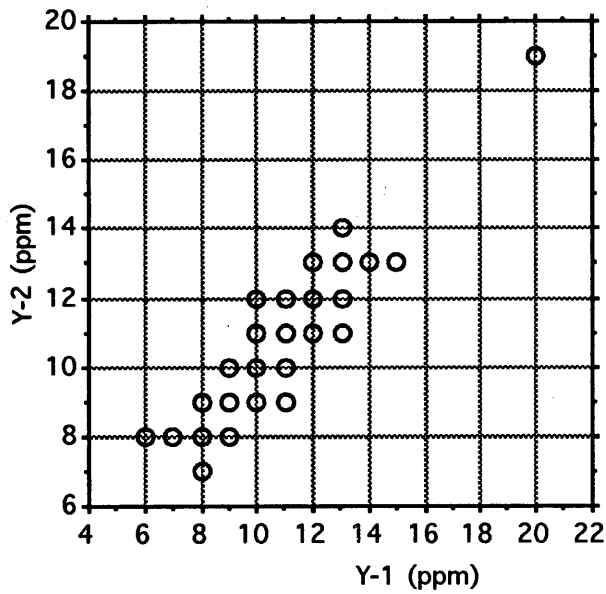
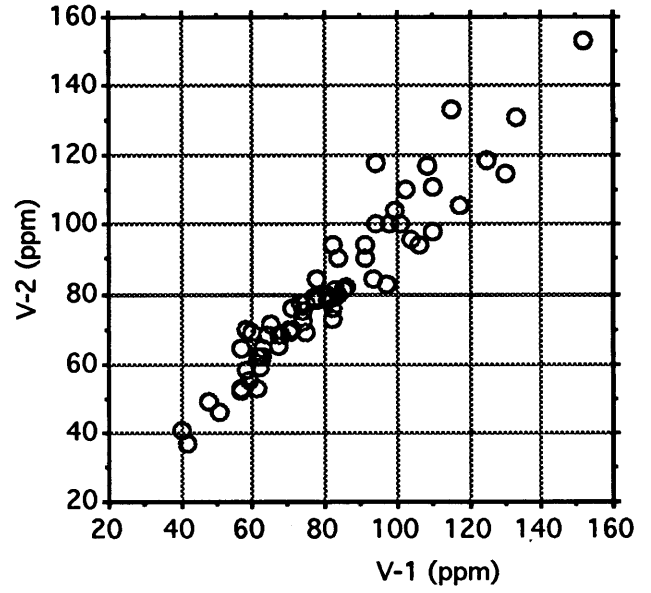
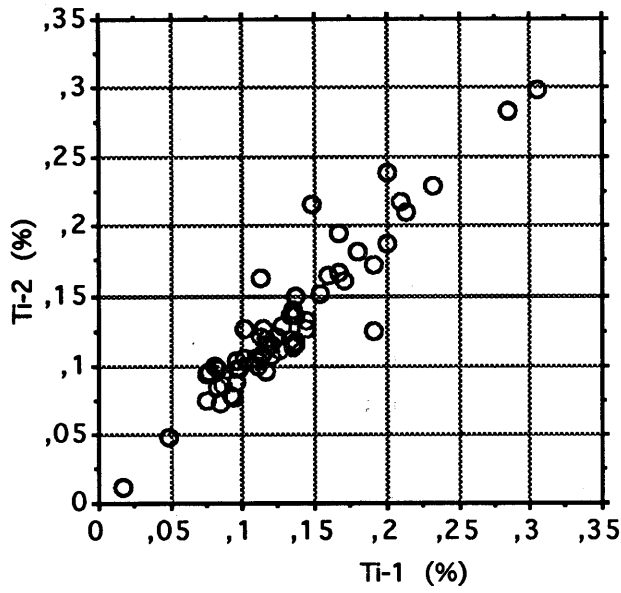




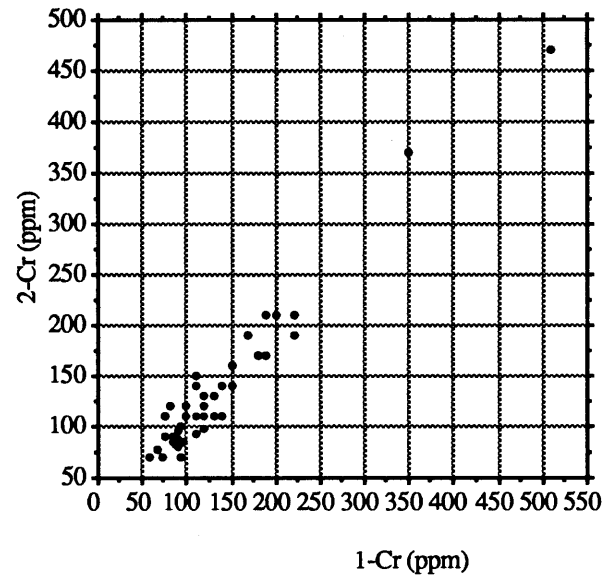
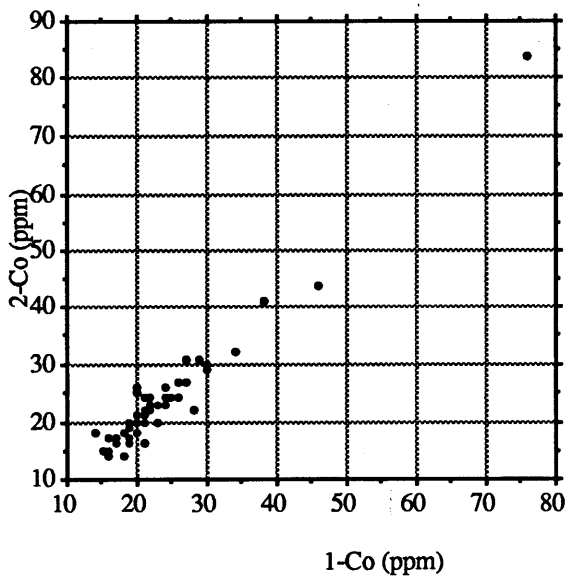
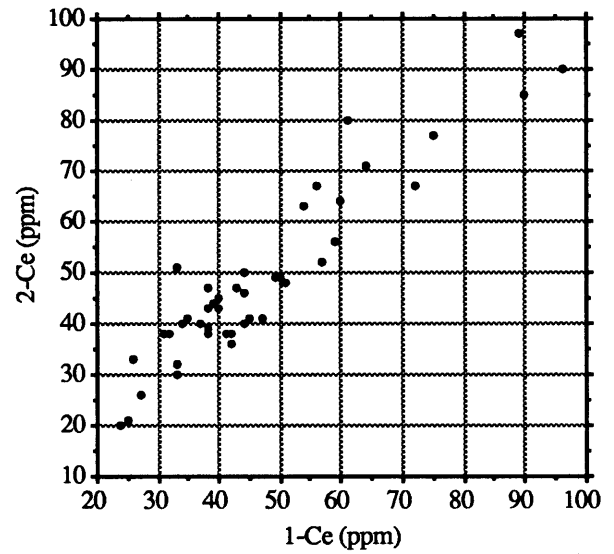
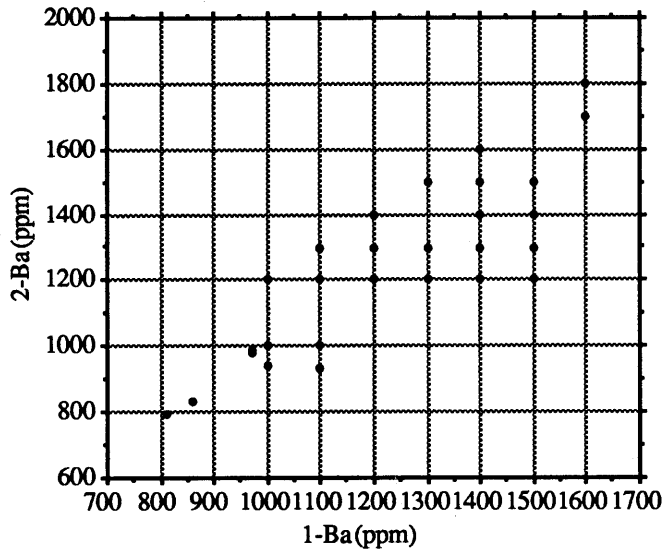
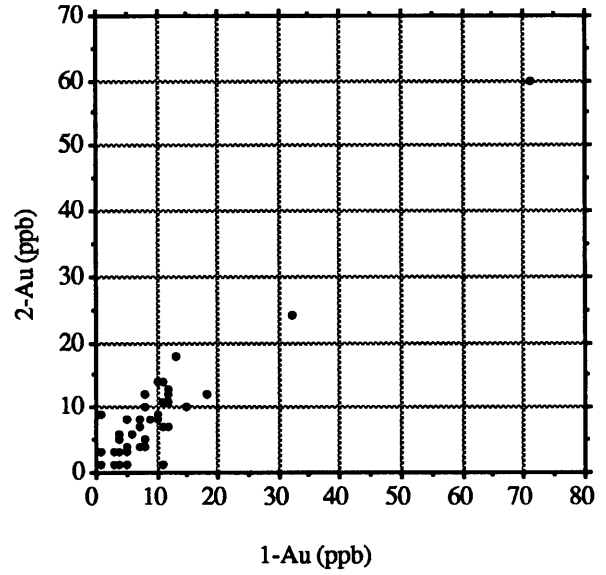
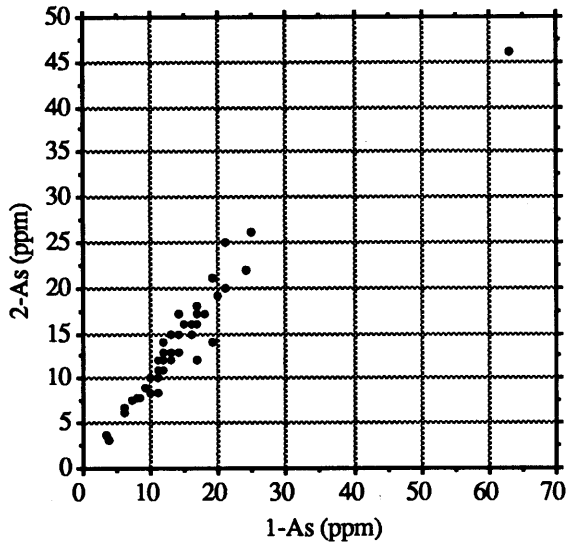




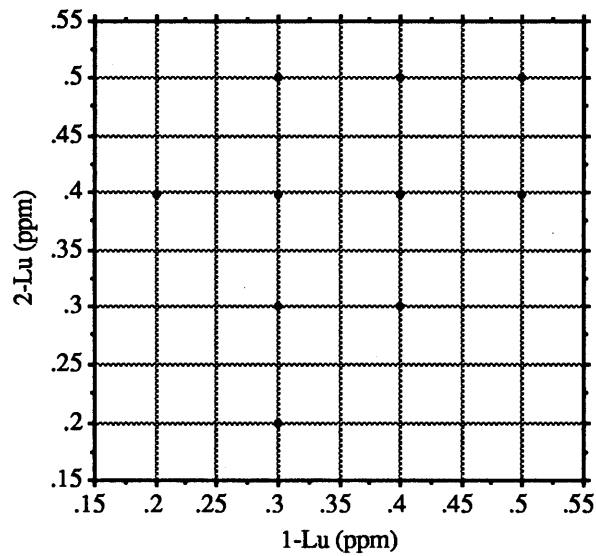
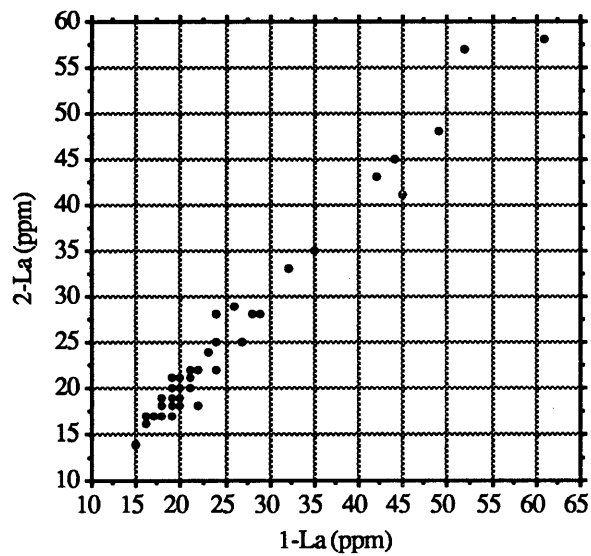
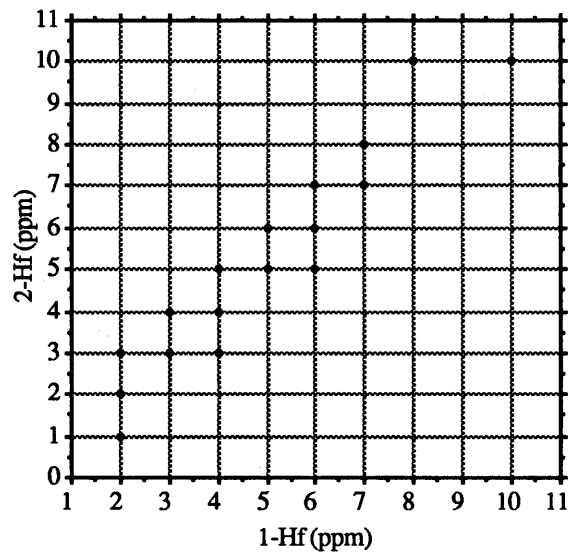
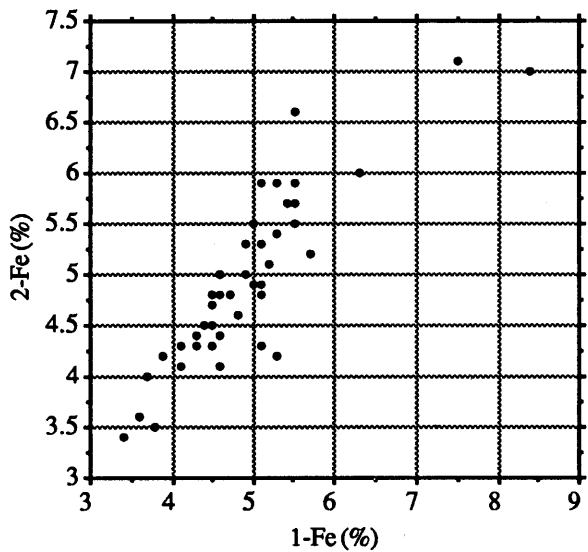
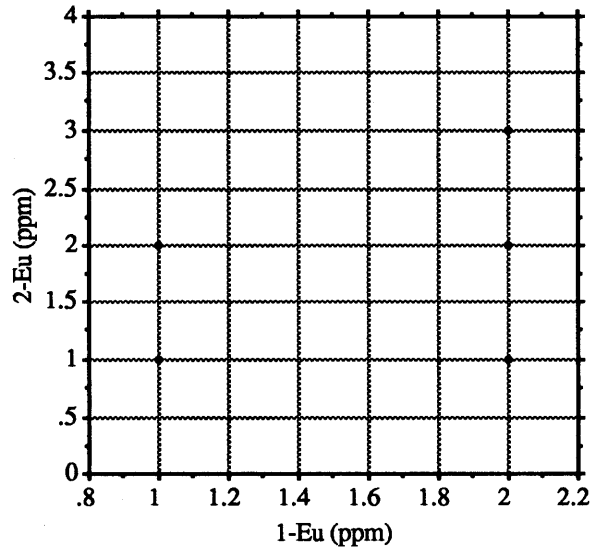
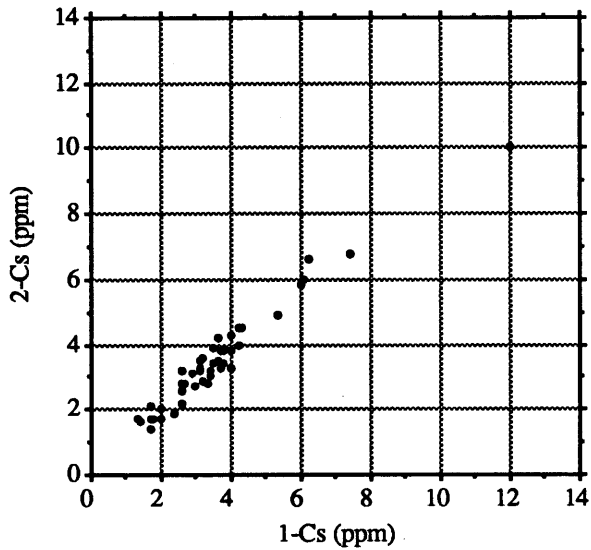




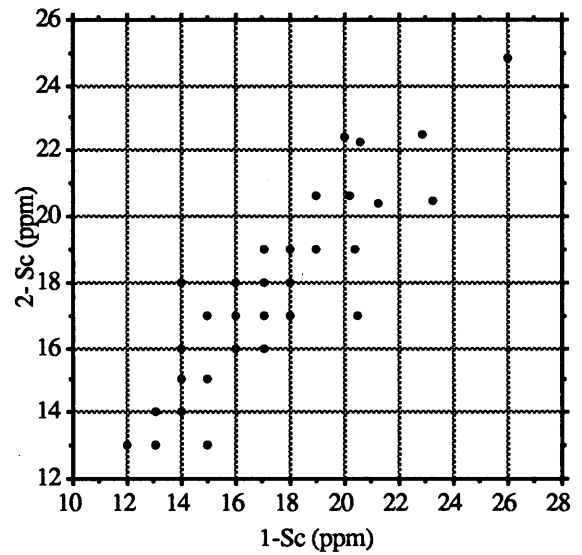
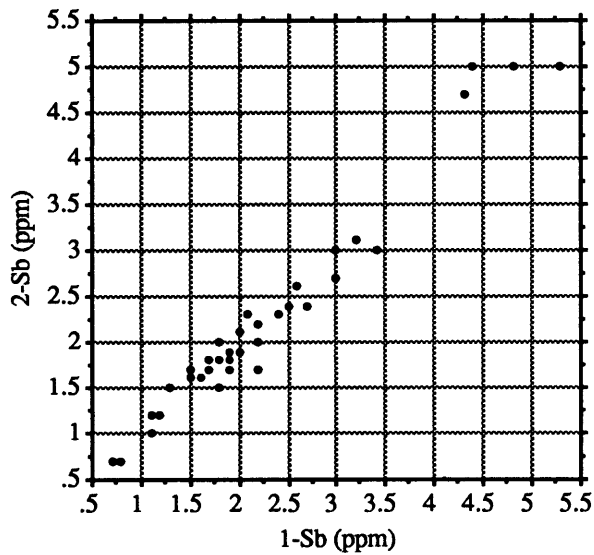
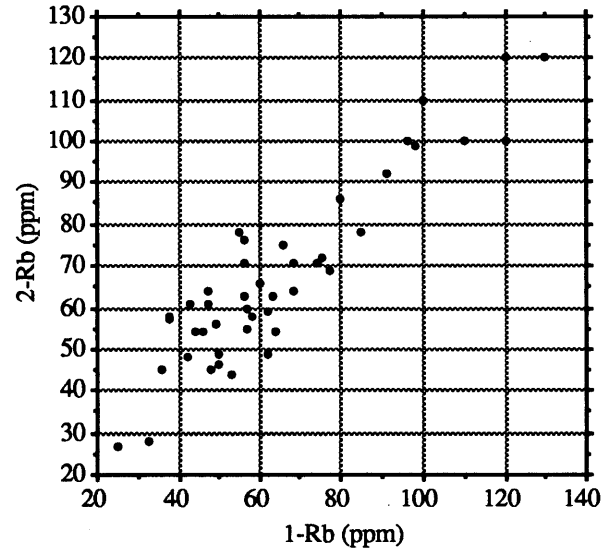
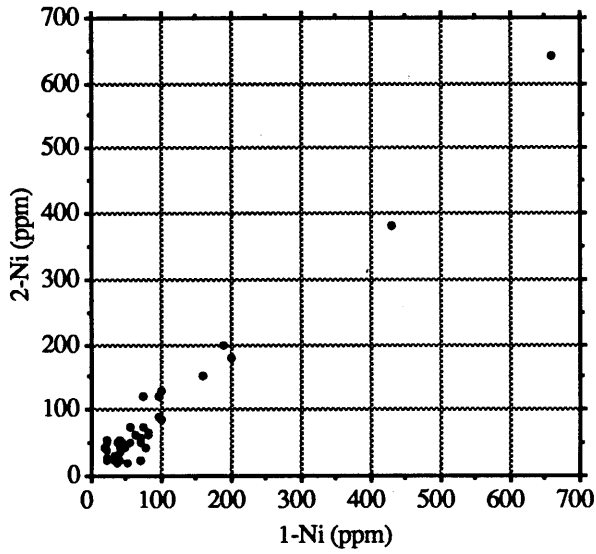
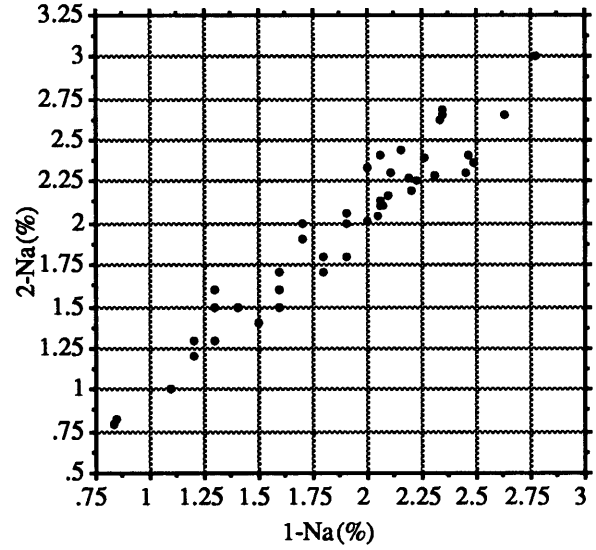
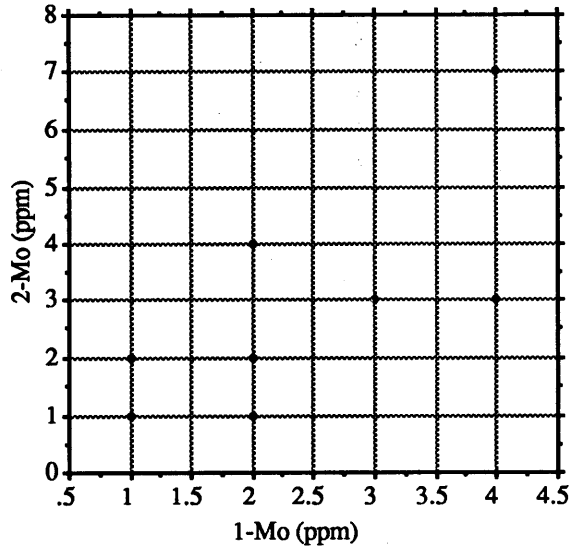
Duplicate analyses : <63 μm size fraction by INAA
N = 47



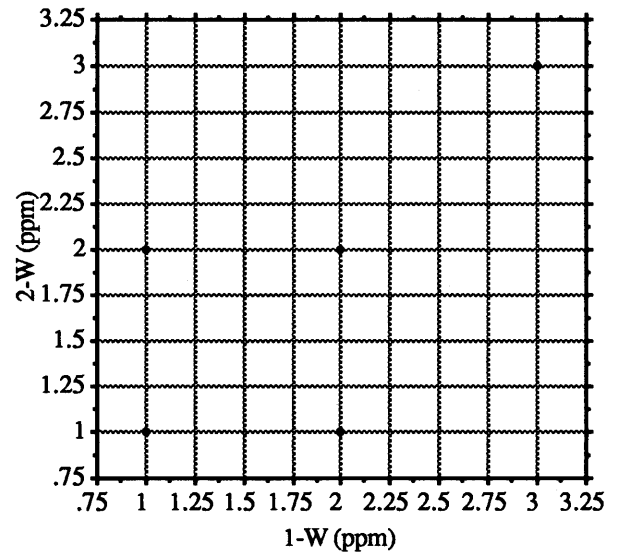
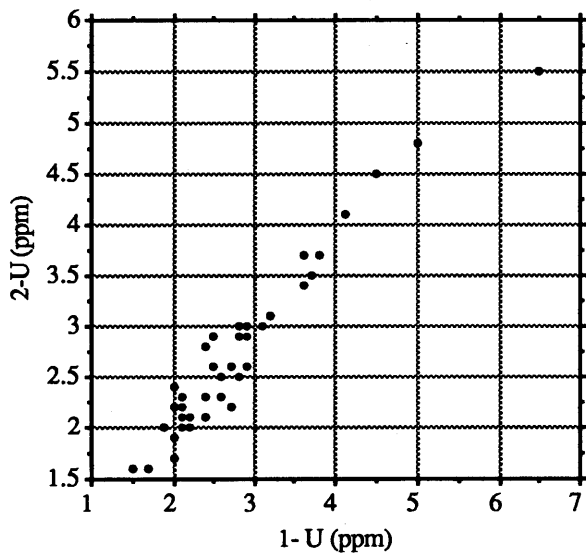
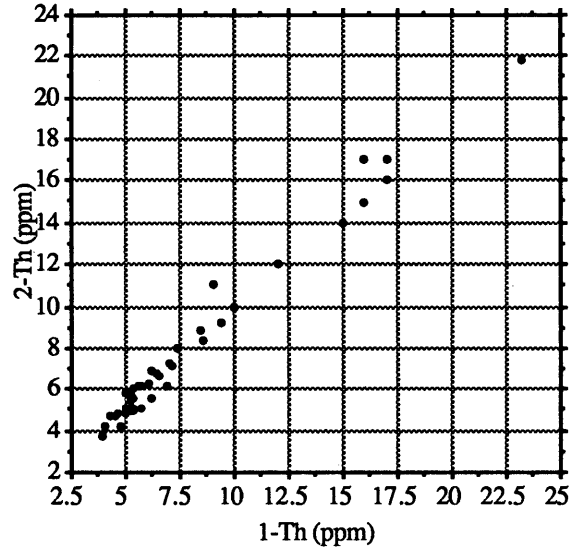
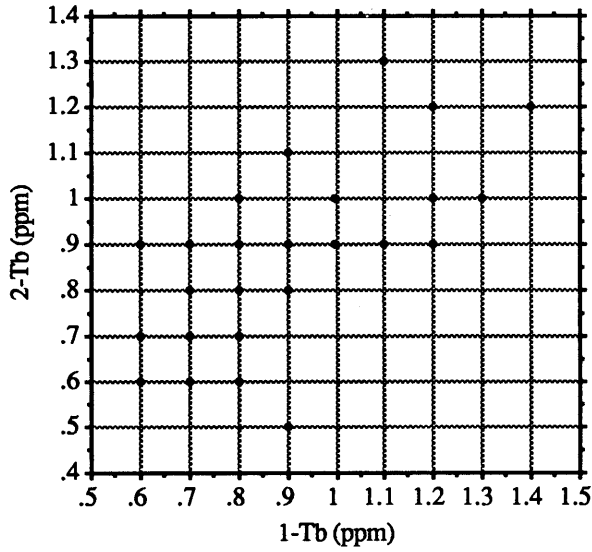
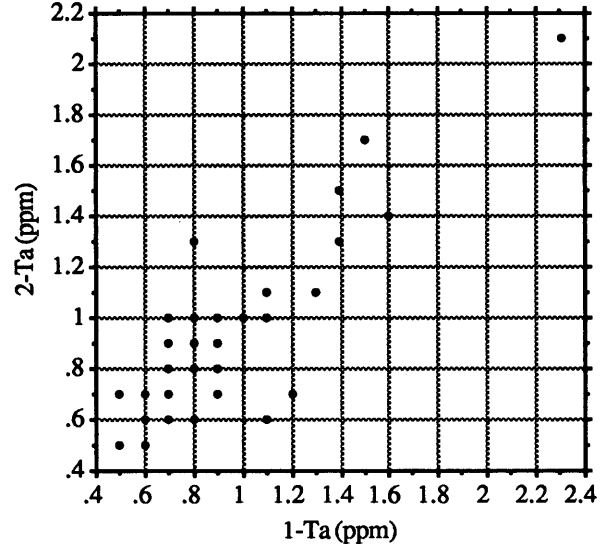
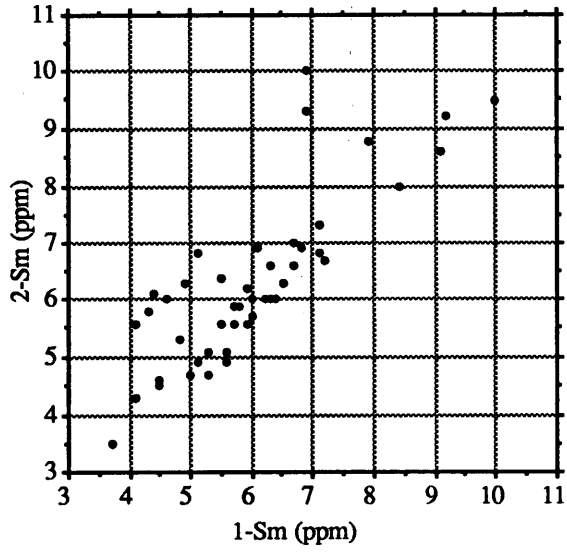
Duplicate analyses : <math><63 \mu\text{m}</math> size fraction by INAA
N = 47



Duplicate analyses : <63 μm size fraction by INAA
N = 47



Duplicate analyses : <63 μm size fraction by INAA
N = 47



Duplicate analyses : <63 μm size fraction by INAA
N = 47

