SUMMARY OF THE MOBILE METAL IONS PROCESS (MMI-M) SURVEY, WEST TIMMINS PROJECT

PART 1: Technical Information

BELFORD, GRIFFIN, MELROSE, NOVA, MONTCALM, WATSON AND STRACHAN TOWNSHIPS

Work Completed: July 20th & September 20th, 2005

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EXECUTIVE SUMMARY

A Mobile Metal Ions Process (MMI-M) soil geochemical survey was conducted on the West Timmins Property, Ontario, from July 20th to September 20th, 2005. The property is held by Falconbridge Limited and Pacific North West Capital Corp. (PFN). A total of 1,012 soil samples were collected over 29 selected AeroTem anomalies. The MMI-M data was submitted to Mark Fedikow of Mount Morgan Resources for interpretation (report included in Part 2). Many sample clusters with moderate to high Ni, Cu, Pb, Zn, Co and Au were identified. Some highlights included Response Ratios (RR) up to 136 Cu, 240 Zn and 125 Ni which were associated with AEM12. AEM11 returned RR of up to 25 Ni and 48 Au, while AEM15 returned Cu values of up to 55. It is recommended that additional line cutting, MaxMin and/or Induced Polarization surveys be carried out, followed by a second phase of diamond drilling in the vicinity of AEM11, -12, -15 and -23.

1.0 TERMS OF REFERENCES

Michel Leblanc (B.Sc., P.Geo.) was involved in the design and implementation of this survey using sample collection methods demonstrated by Serge Caron, an independent consulting geologist. Michel Leblanc acted as Project Geologist throughout the 2005 MMI program. All of the appropriate precautions were taken to avoid possible contamination of the samples. Sampling was undertaken by the Pacific North West Capital Corp. (PFN) personnel listed below and most of the overburden samples were deemed appropriate.

2.0 PERSONNEL

The crew responsible for collecting the MMI samples included four field technicians; Leo Levac, Field, Ontario; Marty Marion, Jennifer Comacchio, and John Sears of Sudbury, Ontario. The field work was supervised by Michel Leblanc, Project Geologist, and Jennifer Berger, Field Geologist. A complete list of the Pacific North West Capital Corp. personnel involved in the West Timmins MMI survey is provided below.

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P3Y 1L8

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P3Y 1L8

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Michel Leblanc (B.Sc., P.Geo.), Project Geologist
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Lively, Ontario
P3Y 1L8

John Londry (B.Sc., P.Geo.), Pacific North West Capital Corp. Vice President of Exploration
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Lively, Ontario
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259 Fielding Road, Unit 3B
Lively, Ontario
P3Y 1L8

3.0 LOCATION AND PROPERTY DESCRIPTION

The West Timmins Property is held under an option agreement between Falconbridge Limited and Pacific North West Capital Corp. Under the terms of agreement PFN must spend $4 million over a four year period in order to be 100% vested in the project. Falconbridge will retain a 2% NSR and may opt back in for up to 65% interest by either completing a feasibility study or spending $20 million on a feasibility study, whichever occurs first.

The property is located approximately 70 kilometres west of the city of Timmins, Ontario, and lies within the townships of Belford, Griffin, Melrose, Montcalm, Nova, Strachan and Watson (Figure 1). The claim group consists of 184 unpatented contiguous mining claim units and covers nearly 26,859 hectares (Appendix 1). The claims form an approximate U-shape as the property is bisected by a provincial park which follows along the Groundhog River (Figure 2).

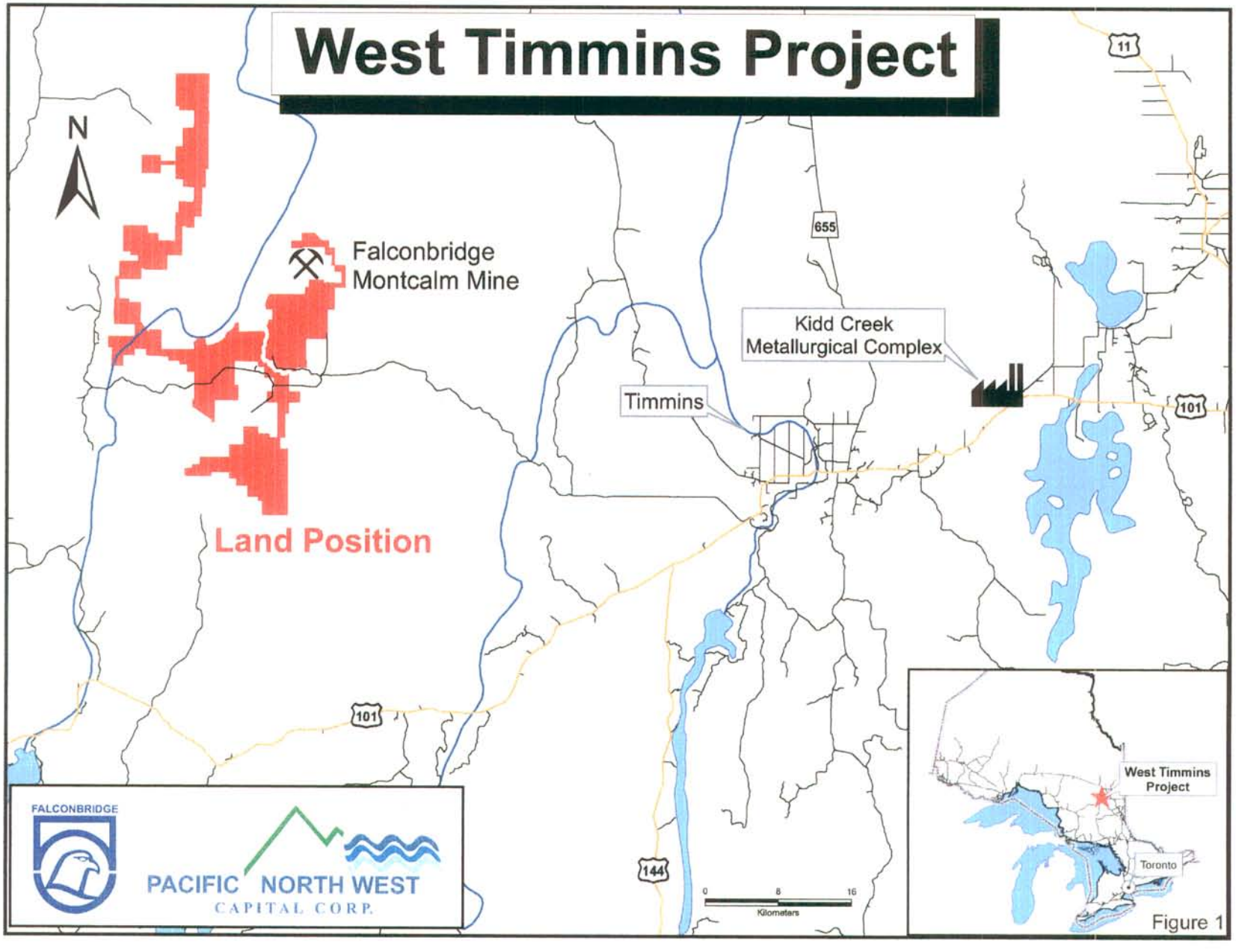
West Timmins Project
N
Falconbridge
Montcalm Mine
Land Position
Kidd Creek
Metallurgical Complex
Timmins
655
11
101
101
144
FALCONBRIDGE
PACIFIC NORTH WEST
CAPITAL CORP.
0
8
16
Kilometers
West Timmins
Project
Toronto

Figure 1

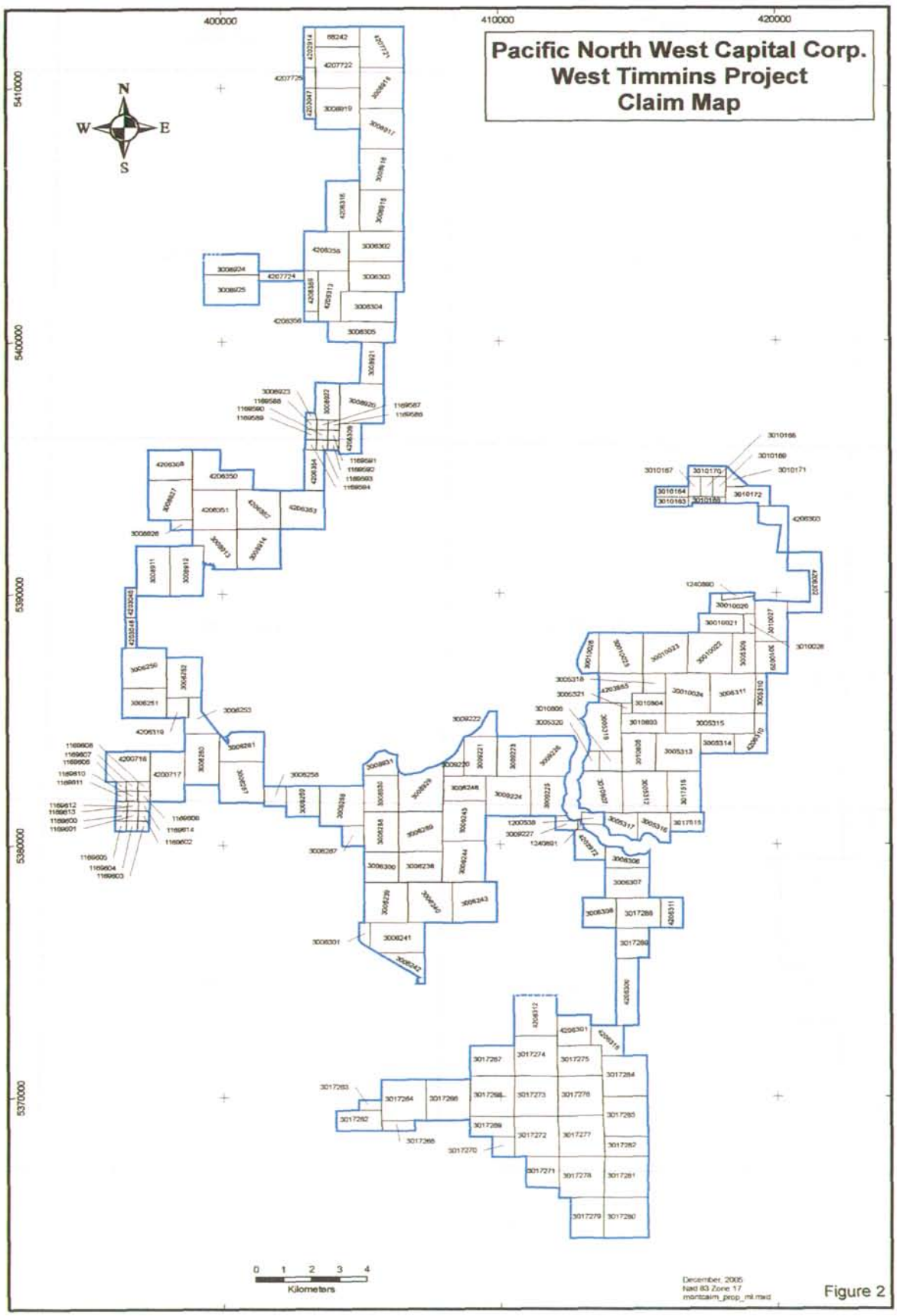
Pacific North West Capital Corp.
West Timmins Project
Claim Map
400000
410000
420000
5410000
5400000
5390000
5380000
5370000
N
W
E
S
0 1 2 3 4
Kilometers
December, 2005
Nad 83 Zone 17
mintcaim_prop_ml.mxd

Figure 2

4.0 ACCESSIBILITY

Access to the West Timmins Property can be accomplished by travelling west from Timmins along Highway 101 for 5 kilometres, then heading northwest for 56 kilometres along the Mallette logging road. A Tembec logging road connected to the Mallette Road provides access to the north-western part of the property, this road also passes through Kapuskasing. Moreover, a network of secondary logging roads provides additional access throughout the property.

5.0 CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The terrain in and around the West Timmins Property is mostly flat with many low swampy areas. Relief across the area is generally less than 25 metres and is mostly developed in the western and southern parts of the WTM property. Outcrop exposure is generally poor and discontinuous, with the Strachan and Belford townships having the most exposure. Vegetation on the WTM claims is dominated by mature jack pine, cedar and alder in the poorly drained areas, whereas deciduous poplars and pine trees are more characteristic of the well drained terrain. Sections of the property were logged by Tembec Corp. during the past fifteen years.

There are no known environmental liabilities, man-made or natural features that would encumber any future exploration work on the property. There is however, a provincial park covering the immediate area of the Groundhog River, running from south to north, in which no mining activities are permitted.

The Timmins area offers well-trained exploration and mining personnel. The Montcalm Ni-Cu Mine (Falconbridge Ltd.) located in the north-eastern portion of the property, id the only operation mine in the vicinity of the WTM property.

Climate conditions are typical of north-eastern Ontario, with temperatures ranging from -40 degrees Celsius in the winter to +35 degrees in the summer. Abundant rain and snowfall are usually observed throughout the year.

6.0 PROPERTY HISTORY

The following record of previous work is taken from an extensive geological compilation, 'Montcalm 2005 Compilation Report', which was supervised by Bruce Maclachlan of Emerald Geological Services (EGS) based out of Timmins, Ontario. The report was ordered by Pacific North West Capital Corp. in preparation for the 2005 exploration program.

Historically 151 diamond drill holes have been drilled within the vicinity of the WTM property. In addition, 15 airborne surveys have been flown and 75 grids have been cut. Furthermore, 349 historical soil samples have been reported, while 312 conductor axes and approximately 1,800 outcrops have been identified in historical work. Details of past exploration work have been included in Table 1.

TABLE 1: MONTCALM AREA HISTORICAL WORK (FROM 1956 TO 2004)

TOWNSHIP	TWP-2	FILE #	COMPANY	PROPERTY	YEAR	YR-2	WORK TYPE	WORK TYPE-2	WORK TYPE-3	WORK TYPE 4	RESULTS
MONTCALM	NOVA, BELFORD, STRACHAN	529	C.C HUSTON & ASSOCIATES		1956		DDH	MAG			Mag survey, 4 DDH's with logs, holes plotted on old claim sketch. Caloocite noted in hole 2c.
MONTCALM		592	TECK EXPLORATION		1959		DDH	MAG			Mag survey, 3 DDH's with logs, drill sections, holes not plotted.
NOVA		557	KEEVIL MINING GROUP LTD.	IVANHOE GROUP 29	1964		DDH	MAG & EM	GRIDS		6 DDH's (64-1 > 64-6) Mag & EM surveys, several grids.
MONTCALM		578	AREA MINES LTD.		1964		DDH	MAG			6 DDH's plotted on claim sketches, mag survey.
NOVA		579	AREA MINES LTD.		1964		DDH	TRENCHES	GRIDS		1 DDH, Drill hole # 2. Hole plotted on claim sketch. Drill hole and grid not compiled due to it's location in the south west portion in Nova TWP.
BELFORD	WATSON, LISGAR, WADSWORTH	1044	KEEVIL MINING GROUP LTD.		1964		MAG, VLEM & GRIDS	GEOLOGY, ROCK ASSAYS	SOILS		Mag & EM surveys. Geological Mapping, Stripping & Trenching and assaying. 120 + soil samples were analysed for copper, zinc and nickel.
MONTCALM		1175	KEEVIL MINING GROUP LTD.	679-30	1964		AIRBORNE				Airborne EM survey.
BELFORD		577	AREA MINES LTD.		1965		DDH	MAG & EM	GRIDS		9 DDH's, 3,4,5,6,7,8, 12 & 13. Mag & EM surveys.
POULETT		580	AREA MINES LTD.		1965		DDH				1 DDH (NO.17) Hole plotted on claim sketch.
WATSON	GRIFFIN	1036	KEEVIL MINING GROUP LTD.	GROUP 21 ANOMALIES 1, 3 & 4	1965		DDH	MAG & VLF	GRIDS		3 DDH's (64-10, 64-11). MAG & VLF, grids. 1 Additional hole was drilled in Griffin Twp. (64-12)
WATSON		1075	KEEVIL MINING GROUP LTD.	GROUP NO. 8	1965		MAG & VLEM	GEOLOGICAL MAPPING, SOIL SAMPLING	LINECUTTING		MAG, VLEM and Linecutting. Geological mapping and soil sampling, (111 soils) NSA. Outcrops on Map.
NOVA		1079	AREA MINES LTD.		1965		MAG & EM	GRIDS			Mag and EM surveys.
WATSON		1219	KEEVIL MINING GROUP LTD.	GROUP NO. 20	1965		MAG & VLEM	GEOLOGICAL MAPPING	LINECUTTING		MAG, VLEM and Linecutting. Geological mapping. A few outcrops. One hole plotted on map by McIntyre 1966, hole reported to have intersected graphite and sulphides.
BELFORD		572	KEEVIL MINING GROUP LTD.	IVANHOE	1966		DDH	MAG & VLEM	LINECUTTING		9 DDH's, (66-1 > 6, 64-8, 64-9 & 66-1. Mag & EM survey. Linecutting
NOVA	STRACHAN	1174	KEEVIL MINING GROUP LTD.	679-28	1966		AIRBORNE	MAG & EM	LINECUTTING		Airborne Mag & EM survey. Linecutting ground Mag & EM surveys.
WATSON		1348	KEEVIL MINING GROUP LTD.	GROUP 6	1966		DDH				1 DDH. (66-7)
NOVA		43	KENNCO EXPLORATIONS CANADA LTD.		1971		EM	GRIDS			Turam EM survey.
STRACHAN		486	DOME EXPLORATION		1971		AIRBORNE	NEED OUTLINE			Airborne Mag survey.
BELFORD		721	AMAX EXPLORATION INC.		1971	1973	DDH	2 AIRBORNE	MAG, VLF, GRIDS & GEOLOGY		17 DDH's ?. Mag and VLF surveys, geological mapping. Check Mag & VLF. Assays up to 730 ppm Cu.
NOVA		183	KENNCO EXPLORATIONS CANADA LTD.		1972		DDH				2 DDH's (K-1 & K-2). Holes plotted on claim sketch. Sample intervals reported in logs but no assays in report.
BELFORD		1564	FREEPORT CANADIAN EXPLORATION COMPANY		1973		DDH	ASSAYS			1 DDH, (73-1). Plotted on claim sketch. Assays up to 171 ppb Au.
NOVA	BELFORD, WATSON	1632	PHELPS-DODGE CORPORATION OF CANADA LTD.		1974		DDH				6 DDH's. (136-7,136-8, 10, 11, 12 & 13). Drill holes plotted on claim sketches. One speck VG? Noted in hole 136-11.
MONTCALM		1633	PHELPS-DODGE CORPORATION OF CANADA LTD.		1974		DDH	ASSAYS			3 DDH's, (136-1, -3, -4) plotted on claim sketch. Assays up to 171 ppb Au.
MONTCALM		1816	HOLLINGER MINES LTD.	MONTCALM NO. 2 GROUP	1977		EM	GEOLOGY	GRIDS		EM survey and geology map. Some outcrop.
MONTCALM	STRACHAN	1835	GEOPHYSICAL ENGINEERING LTD.		1977		DDH	AIRBORNE			Numerous "EE" series drill holes. Airborne EM survey. Only EE 53, 64, 68, 69, 70 & 71 entered in to data base. Other "EE" holes are with in the mine area.
MONTCALM	NOVA, STRACHAN	1840	ASARCO EXPLORATION CORPORATION OF CANADA LTD.	MEUNIER OPTION	1977		AIRBORNE				Airborne Mag & EM survey.
WATSON		1845	HUDSON BAY EXPLORATION & DEVELOPMENT CO. LTD	MEUNIER OPTION	1977		MAG & MAX-MIN	LINECUTTING			MAG, Max-Min, linecutting.

TOWNSHIP	TWP-2	FILE #	COMPANY	PROPERTY	YEAR	YR-2	WORK TYPE	WORK TYPE-2	WORK TYPE-3	WORK TYPE 4	RESULTS
MONTCALM	POULETT	1850	HOLLINGER MINES LTD.	MONTCALM POULETT NO. 1 GROUP	1977		VEM	DDH	GRIDS		VEM survey, 2DDHs, MP 1-1-78 & MP-1-2-78. with assays. Assays upto 890 ppm Ni, 630 ppm Cu & 614 ppb Au.
POULETT	AITKEN	1856	NORANDA EXPLORATION COMPANY LTD.		1977		MAG & MAX-MIN	GRIDS			Mag, Max-Min surveys, grids.
BELFORD	WATSON	1870	ASARCO EXPLORATION CORPORATION OF CANADA LTD.		1977		AIRBORNE				Airborne survey over a portion of Belford and Watson Townships.
MONTCALM	BELFORD	1903	D.R. DERRY LTD.		1977		OB	ASSAYS			26 overburden holes, 1 -2, 2a, 3- 13, 16-26
MONTCALM	POULETT	1804	NORANDA EXPLORATION COMPANY LTD.	MONTCALM-POULETT 1-77	1978		DDH	WHOLE ROCK ANALYSIS	LINECUTTING, MAG & MAX MIN	AIRBORNE	2 DDH's. (MP-78-1, MP-78-2). Airborne Mag survey, Linecutting, Mag, Max Min. Survey straddles the Township boundary.
MONTCALM		1852	GEOPHYSICAL ENGINEERING LTD.		1978		DDH				1 DDH, EE2-1. A few assays (NSA).
BELFORD		1895	ASARCO EXPLORATION CORPORATION OF CANADA LTD.		1978		DDH				2 DDH's, BH 84068-0 & BH 84069-0. Holes plotted on claim sketch.
WATSON		1844	NORANDA EXPLORATION COMPANY LTD.		1978		DDH	GEOPHYSICS	ASSAYS		1 DDH (Wat78-3) Mag & VLEM survey.
MONTCALM		1499	LYNX-CANADA EXPLORATIONS LTD.		1980		PROSPECTUS				Prospectus
MONTCALM	POULETT	2953	KEER ADDISON MINES LTD.		1986		DDH				2 DDH's, KBM-86-1 & KBM-86-2. No assays. Plotted on claim sketch.
BELFORD		1853	GEOPHYSICAL ENGINEERING LTD.		1987		DDH	ASSAYS			2 DDH's (EE4-1, EE5-1) Holes plotted on claim sketch. Assays up to 98 ppb Au.
MONTCALM	MANY OTHERS	4077	TIMMINS NICKEL INC.		1989	1990	DDH	GEOPHYSICS			Part of a large report. Report contains several work recommendations on various properties held by Timmins Nickel one of which was on ground immediately west of the Montcalm Deposit.
MONTCALM		3409	TIMMINS NICKEL INC.		1990		AIRBORNE				Airborne Mag & VLF survey.
NOVA	BELFORD	3462	NORANDA EXPLORATION COMPANY LTD.		1990		DDH	MAG & MAX-MIN	2 GRIDS		8 DDH's (NV-92-1 > 92-4, NV-91-1, 2,4 & 5). Mag and HLEM survey.
NOVA		3511	F. ROSS		1990		MAPPING	ASSAYS			Mapping and 2 Au, Ag assays.
NOVA		3434	NORANDA EXPLORATION COMPANY LTD.		1991		DDH	MAG & HLEM	2 GRIDS		1 DDH. (NV-91-3). Mag and HLEM surveys.
BELFORD		3445	COMINCO LTD.		1991		GRAVITY, MAG, MAX-MIN	GRIDS	SOILS		Gravity, Mag & Max-Min surveys.
BELFORD	MONTCALM	3448	PLACER DOME INC.		1991		MAG & MAX-MIN	GRIDS			Mag, Max-Min surveys, grids.
BELFORD	WATSON	3449	NORANDA EXPLORATION COMPANY LTD.	BELFORD 1-90, 3-90.	1991		DDH	MAG & MAX-MIN	GRIDS		3 DDH's (BF-91-1, BF-91-2 & BF-92-1. 2 Mag & Max-Min surveys.
STRACHAN		3532	J. BURNS		1991	1992	GEOLOGY	DDH, ASSAYS	MAG, VLF, GRIDS & GEOLOGY		Geological report is missing the outcrop plan map. 3 DDH's (ST-1 > ST-3) Drill report is missing VLF / Drill hole plan map. Assays with drill report. Outcrops in Mag, VLF, Geology report. Assays upto 627 ppm Cu.
NOVA		3559	JONES & FILO		1991		AIRBORNE	MAX-MIN	GEOLOGY, STRIPPING & ASSAYS, SOILS		362 soil samples. Geological mapping and stripping. MAX-MIN survey. Airborne MAG and MAX-MIN re-interpretation. Much of this file is located in the south western portion of Nova TWP, therefore most of the file was NOT compiled.
NOVA		3570	INCO EXPLORATION		1991	1992	GEOLOGY	WHOLE ROCK ANALYSIS	GRIDS		68 Whole rock samples. Geological mapping.
NOVA		3444	COMINCO LTD.		1992		DDH	GRAVITY	MAG & HLEM	LINECUTTING	2 DDH's. (N-92-1 & 2) Mag, Gravity, HLEM and linecutting. 444 was done on same map.
POULETT	WATSON	3516	PLACER DOME INC.	CLAIM GROUP # 444 & 445	1992		MAG & MAX-MIN	GRIDS			Mag, Max-Min surveys, grids, on two properties.
NOVA		3522	ASARCO EXPLORATION		1992		DDH				1 DDH (N 92-1)
STRACHAN		3794	FALCONBRIDGE		1993	1995	MAX-MIN, MAG	WHOLE ROCK ANALYSIS	LINECUTTING	SOILS	Max-Min and Mag surveys. 11 Whole Rock and 18 Humus samples collected and plotted on map.
BELFORD		3642	FALCONBRIDGE		1994		DDH	MAG & MAX-MIN	GRIDS	WHOLE ROCK	3 DDH's, (BEL-94-1 > 3) with assays & Whole Rock, Mag & Max-Min surveys. Assays up to 199 ppb Au.
MONTCALM	BELFORD	3668	KRL RESOURCES LTD.		1995		DDH	PULSE EM	LINECUTTING		2 DDH's. (M-1, M-2) with assays. Pulse EM survey and linecutting. Assays upto 1050 ppm Ni & 80 ppb Au in drilling.
MONTCALM		3723	OUTOKUMPU MINES LTD.		1995		DDH	ASSAYS	GEOPHYSICS		Montcalm deposit work, large file, numerous DDH's and geophysical surveys.

TOWNSHIP	TWP-2	FILE #	COMPANY	PROPERTY	YEAR	YR-2	WORK TYPE	WORK TYPE-2	WORK TYPE-3	WORK TYPE 4	RESULTS
BELFORD		FALCONBRIDGE	FALCONBRIDGE		1995		DDH		ASSAYS		5 DDH's, SEB-01 > SEB-06. Assays up to 6420 ppm Cu, 642 ppm Ni & 340 ppb Au.
MONTCALM	NOVA, BELFORD, STRACHAN	3741	TECK EXPLORATION		1996		PULSE EM, MAG & MAX-MIN	LINECUTTING	DDH	ASSAYS, WHOLE ROCK	19 DDH's. (MAC96-01 > MAC96-19). Pulse EM, Mag & Max-Min surveys, linecutting. Numerous significant assays upto 6290 ppm Ni & 1614 ppm Cu.
MONTCALM		3766	HADDINGTON RESOURCES LTD.		1996		MAG & MAX-MIN	LINECUTTING			Mag & Max-Min surveys. Linecutting.
MONTCALM		3792	HADDINGTON RESOURCES LTD.		1996		MAG & MAX-MIN	LINECUTTING			Mag & Max-Min surveys. Linecutting.
BELFORD	WATSON	3816	STRATABOUND MINERALS CROP.		1996		DDH	MAG & PULSE EM	GRIDS, WHOLE ROCK, ASSAYS		4 DDH'S (BF-96-01 > BF-96-04) Many drill hole assays. Mag and Pulse EM surveys. Assays up to 2290 ppm Ni & 798 ppm Cu.
MONTCALM	NOVA, STRACHAN	4027	TECK EXPLORATION		1997		DDH	ASSAYS	WHOLE ROCK ANALYSIS		13 DDH's. MAC97-19 > 31. Lots of assays & Whole Rock analysis. Holes Mac 97-30 & 31 are wih in mine area. Assays up to 127 ppb Au, 1568 ppm Ni, 1440 ppm Cu.
MONTCALM	STRACHAN	4068	TECK EXPLORATION		1997		PULSE EM	GRIDS			Multiple Pulse EM surveys, on several grids. Grid is the same as in T# 3741
MONTCALM		5401	AURORA PLATINUM GROUP		2004		DDH	AIRBORNE	ASSAYS	WHOLE ROCK	4 DDH'S MC-04-01 > MC-04-04. VTEM Airborne survey. 646 samples taken. Samples were anaylysed for Pt, Pd. Weakly elevated Pt, Pd noted in drill holes. Up to 23 ppb Pd, 14 ppb Pt & 138 ppb Au.
BELFORD		476	MCINTYRE PORCUPINE MINES LTD>	4-39, 3-38			VEM	GRIDS			Linecutting, geological mapping and VEM was carried out. No outcrop was found.

7.0 REGIONAL GEOLOGY

The following description was extracted from the abstract of A.D. Mactavish 1996 report (Precambrian Geology, Montcalm Greenstone Belt). Regional and property geological settings are presented in Figure 3.

Most of the area is underlain by rocks of Neoarchean age. The oldest are mafic metavolcanic flows and felsic to intermediate pyroclastic rock locally interbedded with clastic and chemical metasedimentary rocks and ultramafic flows. The supracrustal rocks have been partially divided into the large, dominantly mafic metavolcanic Montcalm assemblage, the dominant intermediate pyroclastic metavolcanic Nova assemblage and the composite Oates assemblage. They were intruded by the Montcalm Gabbroic Complex in the North and by the Strachan Gabbroic Complex in the south. Both complexes are layered. The metavolcanic and gabbroic complexes were then intruded to the south and east by the Nat River Granitoid Complex, by an unnamed granitoid complex to the north and by much smaller felsic to intermediate stocks in the western Strachan Township, northern Belford and north-western Nova Townships. All rock types are crosscut by Paleoproterozoic diabase dikes, mainly of the Matachewan swarm, and some diabase dikes of an unknown (possibly Abitibi) swarm. Lamprophyre dikes are common locally. The western edge of the area is truncated by the high grade metamorphic terrane of the Kapuskasing Structural Zone.

The Neoarchean rocks were subjected to at least 2, possibly 3, periods of deformation. The second one was the most important and had a regional effect, possibly of subprovincial scale.

The supracrustal and gabbroic rocks were affected by regional, lower to middle-amphibolite grade metamorphism. Upper-amphibolite-grade metamorphism is observed locally. A second regional metamorphic event may have accompanied the emplacement of the Kapuskasing Structural Zone (KPZ).

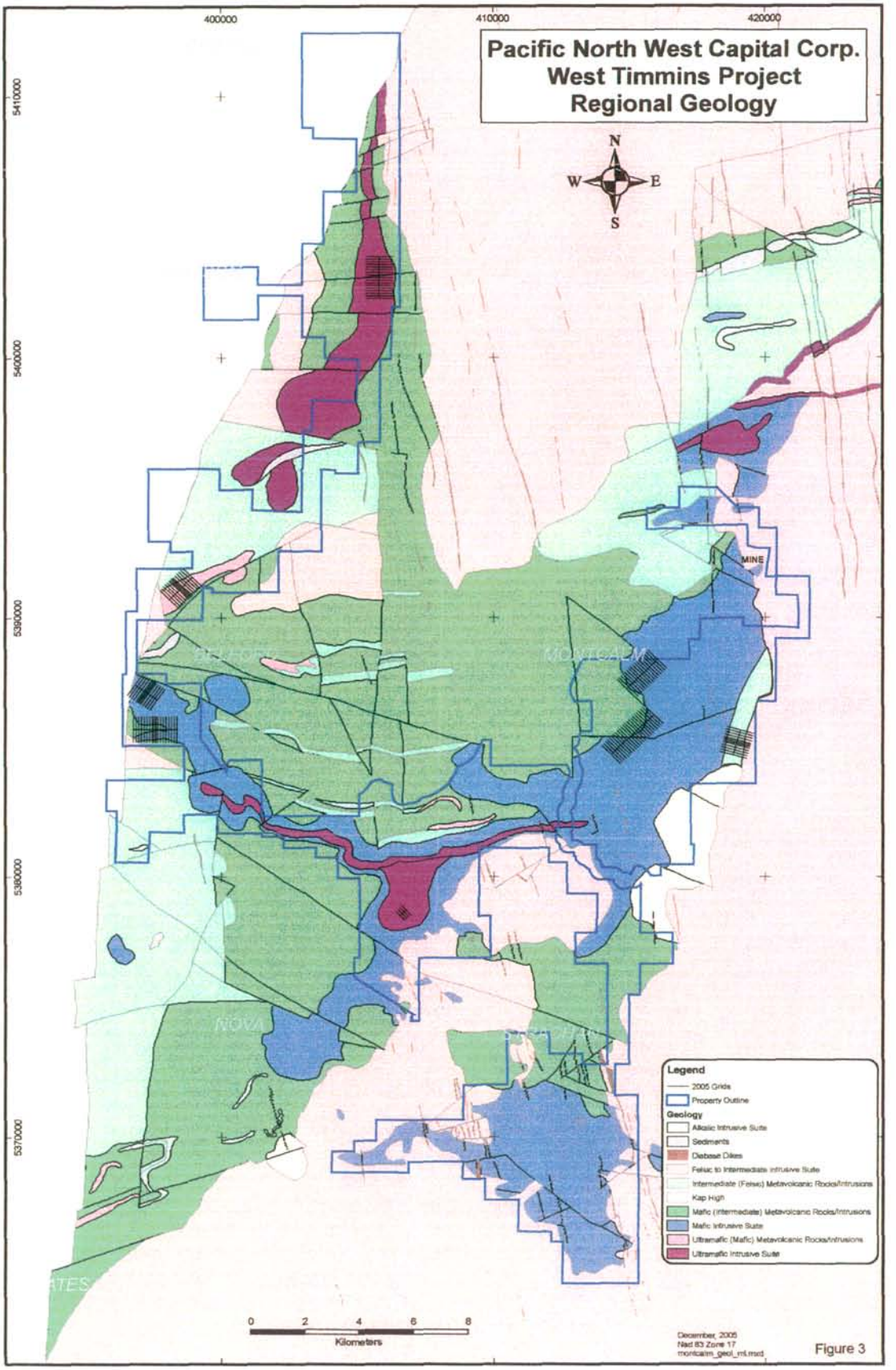
Pacific North West Capital Corp.
West Timmins Project
Regional Geology
400000
410000
420000
5410000
5400000
5390000
5380000
5370000
N
W
E
S
MINE
Legend
2005 Grids
Property Outline
Geology
Alkalic Intrusive Suite
Sediments
Diabase Dikes
Felsic to Intermediate Intrusive Suite
Intermediate (Felsic) Metavolcanic Rocks/Intrusions
Kap High
Mafic (Intermediate) Metavolcanic Rocks/Intrusions
Mafic Intrusive Suite
Ultramafic (Mafic) Metavolcanic Rocks/Intrusions
Ultramafic Intrusive Suite
0 2 4 6 8
Kilometers
December, 2005
Nad 83 Zone 17
montcalm_geol_m5.mxd

Figure 3

8.0 ECONOMIC GEOLOGY

The WTM Property has significant potential for economic Ni-Cu deposits within its gabbroic complexes, which is reinforced by the presence of the Montcalm Mine. For example, the ultramafic flows of the Oates assemblage remain unexplored for Ni. The pyroclastic sequences of the Nova and Montcalm assemblages are potential hosts for volcanogenic massive sulphide deposits. The gold potential of the area remains virtually untested, and the depletion in Platinum Group Elements (PGEs) in the Montcalm deposit may indicate that these elements have been trapped elsewhere in the system, likely in proximity to the mine.

8.1 MINERALIZATION

The Montcalm deposit comprises four distinct sulphide zones referred to as the West Zone, the East Zone, the Deep Zone and the Northwest Zone. Based on textural features and geologic mapping, the following dominant sulphide phases are readily distinguishable within the drill core:

- *A massive sulphide breccia phase (Msbx)*
- *A net-textured sulphide phase (NT)*
- *A disseminated stringer phase (Diss)*

The Msbx phase is predominant in the footwall portion (west) of the sulphide deposit, while the NT and Diss phases are more prevalent toward the central and hanging wall (east) portions of the deposit. Fragments within the Msbx range from readily distinguishable lithic fragments (centimetre to millimetre size) to individual mineral grains that in some areas become significant components. While both the Msbx phase and the NT phase are uniquely represented, the result is commonly an admixture of the two phases. Discrete Msbx veins (millimetre to centimetre scale), representing locally remobilized sulphides, occasionally cut NT sulphides.

The footwall contact (west) of the deposit with the underlying country rock is generally unsheared and very sharp (millimetres across). In places, the hanging wall portion (east) of the deposit consists of separate lenses with low-grade disseminated sulphides commonly occurring between the lenses. On some sections, the ultramafic assemblage forms part of the hanging wall rock. Disseminated, disseminated net-textured and occasionally semi-massive sulphide segregations characterize the rocks of the ultramafic assemblage. In these places the sulphide content can be high enough to constitute low-grade mineralization.

*The preceding description was taken from the websites of both PFN and Falconbridge Ltd.

9.0 LOGISTICS

Two different camp locations were used during the MMI sampling program. The south-western and western parts of the property, anomalies AEM1 to AEM25, were completed during August 2005 from a camp established adjacent to the Paypeeshek River (Photo 1). The second part of the MMI survey, completed during September 2005, was performed from a camp on the Montcalm Mine site. The second camp allowed easier access to anomalies AEM26 to AEM40, and was located approximately 70 kilometres west of Timmins, Ontario.

Photo 1: Paypeeshak Camp.

10.0 SURVEY AREA DETERMINATION

During the winter of 2005, an airborne AeroTem Survey was flown by Fugro Airborne over all of the claims covered by the option agreement between Falconbridge Ltd and Pacific North West Capital Corp. This airborne survey identified the presence of approximately 40 AEM anomalies of differing size and intensity (Figure 4). The anomalies were later evaluated using the *Montcalm 2005 Geological Compilation* report. 29 AeroTem anomalies were selected for follow up with MMI soil sampling based upon criteria such as anomaly intensity, shape, geological environment, historical diamond drilling and location relative to regional magnetic (Table 2).

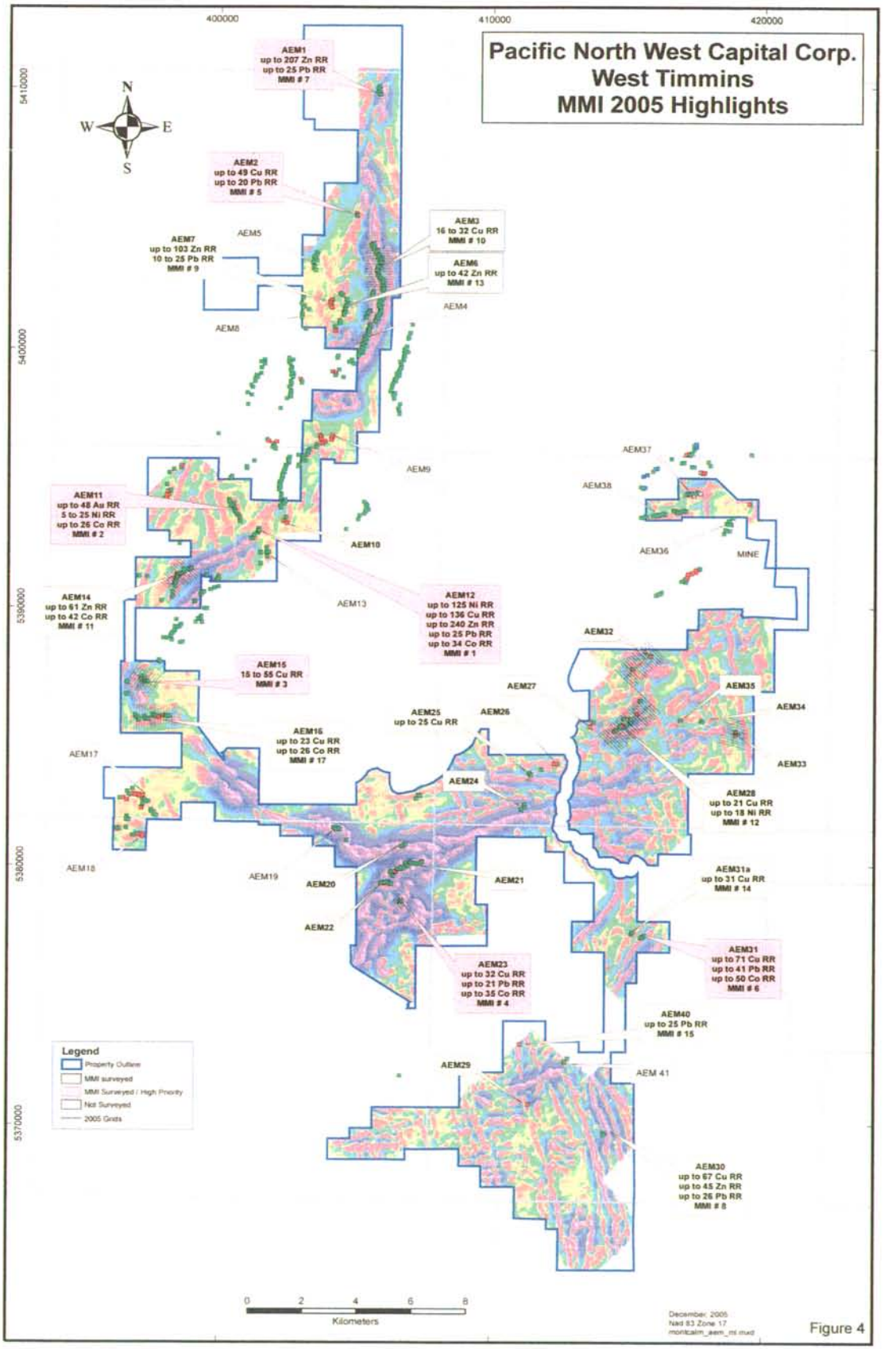
Pacific North West Capital Corp.
West Timmins
MMI 2005 Highlights
400000
410000
420000
5410000
5400000
5390000
5380000
5370000
N
W
E
S
AEM1
up to 207 Zn RR
up to 25 Pb RR
MMI # 7
AEM2
up to 49 Cu RR
up to 20 Pb RR
MMI # 5
AEM3
16 to 32 Cu RR
MMI # 10
AEM4
AEM5
AEM6
up to 42 Zn RR
MMI # 13
AEM7
up to 103 Zn RR
10 to 25 Pb RR
MMI # 9
AEM8
AEM9
AEM10
AEM11
up to 48 As RR
5 to 25 Ni RR
up to 26 Co RR
MMI # 2
AEM12
up to 125 Ni RR
up to 136 Cu RR
up to 240 Zn RR
up to 25 Pb RR
up to 34 Co RR
MMI # 1
AEM13
AEM14
up to 61 Zn RR
up to 42 Co RR
MMI # 11
AEM15
15 to 55 Cu RR
MMI # 3
AEM16
up to 23 Cu RR
up to 26 Co RR
MMI # 17
AEM17
AEM18
AEM19
AEM20
AEM21
AEM22
AEM23
up to 32 Cu RR
up to 21 Pb RR
up to 35 Co RR
MMI # 4
AEM24
AEM25
up to 25 Cu RR
AEM26
AEM27
AEM28
up to 21 Cu RR
up to 18 Ni RR
MMI # 12
AEM29
AEM30
up to 67 Cu RR
up to 45 Zn RR
up to 26 Pb RR
MMI # 8
AEM31
up to 71 Cu RR
up to 41 Pb RR
up to 50 Co RR
MMI # 6
AEM31a
up to 31 Cu RR
MMI # 14
AEM32
AEM33
AEM34
AEM35
AEM36
AEM37
AEM38
MINE
AEM40
up to 25 Pb RR
MMI # 15
AEM 41
Legend
Property Outline
MMI surveyed
MMI Surveyed / High Priority
Not Surveyed
2005 Grids
0
2
4
6
8
Kilometers
December, 2005
Nad 83 Zone 17
montcalm_aem_mi.mxd

Figure 4

TABLE 2: MMI 2005 SURVEY, SUMMARY AND PRIORITY RANKING, WEST TIMMINS PROPERTY

Anomaly ID	# Line(s) Surveyed	Anomaly Location Easting	Northing	Samples serie(s) from	to	Samples size	Total (m.)	Highlights	Ranking
AEM1	5	405786	5409998	54501 97032	54540 97059	40 28	1500	Line A, D and E presents a moderate to strong background in Zn and Pb suggesting a possible VMS prospective horizon. Multi sample-multi element Cu-Zn target.	7
AEM2	2	404994	5405096	54541	54568	28	600	High values in Cu, Pb and Co noted along line B. Multi sample-multi element Cu target.	5
AEM3	3	405808	5402961	54618 54713	54642 54726	25 14	900	Strong value in Cu matching with change in sampling from organic to clay at the North end of line A. Others clay samples collected along anomaly AEM 3 didn't returned as strong Cu values. Strong correlation observed between organic samples and Zn. Multi sample Cu-Mo target.	10
AEM6	2	404600	5401600	54597	54617	21	600	Elevated values in Zn-Pb observed along Line A between 25 and 100 meters. Potential VMS level suggested. Few elevated values in Au and Ag observed along line B. Multi-sample moderate contrast Zn target.	13
AEM7	2	404035	5401839	54569	54596	28	600	Both lines A and B presents a strong anomalic background in Zn-Pb with Ti suggesting felsic dominated volcanic rock and potential VMS environment. Background in Co locally elevated mostly along line B. Multi-sample, moderate to high contrast Zn target.	9
AEM10	1	437943	5850242	97143	97152	10	300	All in organic. Anomaly in Zn related to organic.	NIL
AEM11	4	437943	5850242	97153 97196	97170 97234	18 39	1200	Strong anomalous background in Ni and Ti with local elevated ratio in Co associated. Multi sample moderate to high contrast Ni-Cu target with associated low to moderate contrast Au.	2
AEM12	2	401449	5392963	97171	97195	25	600	Strongest and more consistent Ni anomalous area of all 2005 MMI survey. Associated to elevated Co as well as local Cu values. Zn an Pb locally strong. Strong Ti presence in most line surveyed above AEM 12. Low to high contrast Ni-Cu target, high contrast zn response.	1

Anomaly ID	# Line(s) Surveyed	Anomaly Location Easting	Northing	Samples serie(s) from	to	Samples size	Total (m.)	Highlights	Ranking
AEM14	4	401449	5392963	97087	97142	56	1200	Not well defined anomalies in Co and Ni noted . Also local strong elevated Tl background. Moderate contrast, multi sample Zn target.	11
AEM15	2	397231	5387233	54871	54898	28	600	Clear Ni-Cu MMI anomalies noted on both surveyed lines (A and B). Also anomalous Cu values obtained in proximal rock samples. Could not have been properly tested by DDH WTM05-01. Low to high contrast Ni-Cu target.	3
AEM16	3	397958	5385693	54643	54670	28	900	Subtil anomaly in Cu and Ni noted in both 3 lines of MMI performed along AEM 16. Low contrast Cu target with associated Mo.	17
				54901	54914	14			
AEM20	2	406900	5380840	54752	54779	28	600	No significant anomaly detected. Lithology felsic.	NIL
AEM21	2	407114	5380095	54738	54751	14	600	No significant anomaly detected. Lithology felsic.	NIL
				54959	54972	14			
AEM22	2	406071	5379322	54699	54712	14	600	Anomalous background in Zn-Pb noted at the beginning of Line B. Lithology felsic.	NIL
				54915	54928	14			
AEM23	2	406716	5378615	54727	54737	11	500	Clear Cu anomaly associated to moderate Co and Ni observed along both lines surveyed. Not confirmed by DDH WTM05-05. Moderate contrast Cu target.	4
				54864	54873	10			
AEM24	3	411231	5382321	54780	54807	28	900	Some isolated values in Cu and Zn observed along Line A. No significant anomaly.	NIL
				97009	97022	14			
AEM25	3	411409	5383603	54836	54863	28	900	Moderate MMI anomalies in Cu and Tl noted along line A. Also elevated Pb, Zn background along Line C but no associated Cd. Moderate contrast Cu-Zn target.	NIL
				98236	98249	14			
AEM26	2	412447	5383827	54808	54835	28	1000	Local and poorly defined Co, Cu and Ni anomalies detected at the beginning of line A. Co and Ni also presents in anomalous levels along line B. Lithology	NIL
				97000	97008	9			
				97023	97031	9			
AEM27	2	413766	5385533	98158	98185	28	600	Poorly defined Cu-Ni anomaly noted along line B. Moderate to high contrast Zn responses. No associated Cd.	NIL

Anomaly ID	# Line(s) Surveyed	Anomaly Location Easting	Northing	Samples serie(s) from	to	Samples size	Total (m.)	Highlights	Ranking
AEM28	3	415121	5385510	98116	98157	42	900	Moderate Co, Cu anomaly with some elevated Ni values observed along Line A and B. Low contrast Cu response.	12
AEM29	1	411391	5370675	98000	98013	14	500	No significant anomaly detected. Low contrast Au response, single sample.	16
				98227	98235	9			
AEM30	3	414216	5438651	98014	98036	23	900	Scattered Co and Cu values noted along both lines A and B. Also high Pb and Tl associated. Moderate to high contrast Cu target.	8
				97249	97262	14			
AEM31	3	415614	5377250	54874	54900	27	900	High Co and Cu background as well as isolated Pb and Ti . Both noted along line C. High contrast base metal target.	6
				97074	97086	13			
AEM31a	3	415227	5377393	54973	55000	28	900	Poorly defined Cu and Ni with local Pb noted along line C. Low contrast Cu response.	14
				97060	97073	14			
AEM32	3	415557	5388104	98186	98205	20	900	Line A and C mostly in organic. Line B returned narrow intervals maderately anomals in Cu and Ni. Lithology felsic euggested by REE response.	NIL
				97235	97248	14			
				98207	98212	6			
AEM33	3	419012	5385172	98049	98090	42	900	Elevated Ti background observed in bothe 3 lines. Local elevated Co and Pb. Pyrite and felsic lithology suggested by REE response.	NIL
AEM34	1	417766	5385621	98103	98115	13	300	No significant anomaly detected. Possible pyrite.	NIL
AEM35	2	416988	5385644	98091	98102	12	600	Narrow Co and Ti anomaly noted between 200 and 250 m. along line A. Possible Py.	NIL
				98037	98048	12			
AEM40	1	411090	5373130	98213	98226	14	300	High Ti background with moderate narrower Pb and Co noted. Moderate contrast Cu response, chalcopyrite in felsic lithology. Single sample responses. Many large granitic intrusions noted in area.	15
Mine	2	419023	5391724	54929	54958	30	450	Only organic samples collected. No significant anomaly detected. High organic related Zn background.	NIL
Total Lines	74			Total samples		1012	22250 meters		

N.B: PRIORITY RANKING AS PROPOSED BY MARK FEDIKOW INTERPRETATION REPORT

11.0 SOIL SAMPLE COLLECTION

Each of the 29 selected AeroTem anomalies was covered by one to five lines of MMI soil sampling (see Map 1). Line orientation was perpendicular to the apparent strike of the AEM anomaly; line spacing was between 50 and 200 metres with samples collected at 25 metre intervals along the lines. Most lines were 300 metres in length, but on occasion the lines were up to 500 metres long. The UTM coordinates (NAD 83) for the start and end points of each line were determined using the *Montcalm 2005 Geological Compilation* report.

Sample sites were flagged and GPS coordinates were recorded to ensure accuracy. Furthermore, the samples were consistently collected at a depth of 10 to 25 centimetres below the base of the organic horizon (Photo 2). Although the desired profile was not obtained at all sites, due sometimes to substantial organic material (>75cm), 149 organic samples were collected and deemed useful. A steel shovel was used to dig the pits and collect the soils. The shovel was bare (no paint) and free from rust, it was also cleaned before each sample was collected.

The following data was recorded in the field for each sample in a Table format: sample identification number, depth, soil cover and type, vegetation density and type, moisture, slope orientation and GPS coordinates (Appendix 2). Sample weight varied between 250 and 500 grams. Each sample was placed in a commercial plastic bag, without preparation, and shipped to SGS Laboratories in Toronto, Ontario, for MMI-M analysis. In total 1,012 samples were collected from 74 lines, amounting to 22,250 meters of survey.

Photo 2: Typical sample pit showing the A-Horizon and the oxidized B-Horizon.

12.0 SAMPLE ANALYSIS AND QUALITY CONTROL

A duplicate sample was collected next to or in the pit of sample number 7 on each survey line. The duplicate sample was numbered 8* for easy identification. For line lengths of 500 meters, an additional duplicate was collected at sample pit number 17. This duplicate was numbered 18*. Detailed analysis results are provided in Appendix 3.

All of the appropriate precautions were taken to avoid possible sources of contamination, as discussed in the preceding section, and most of the overburden samples were deemed to be appropriate given the scope of the MMI survey.

13.0 SOIL DESCRIPTION

The inorganic material collected from the West Timmins Property for MMI-M analysis was described as dry to damp; grey, yellowish to reddish brown; and free from organic materials whenever possible. Samples were predominantly described as damp clay, silty clay, or fine to coarse sand, locally intermixed with fluvio-glacial material (pebbles and/or boulders). Detailed sample descriptions are provided in Appendix 2. When inorganic soil was not available, organic (humic) material was collected.

Data descriptions, results, method of interpretation, as well as discussions and recommendations are included in Part 2 of this report and were prepared by Mark Fedikow of Mount Morgan Resources. A digital compilation, compact disk, of all information contained in this report has also been included in Appendix 5.

14.0 CONCLUSION

The MMI-M soil sampling program appears to have been an effective base metal exploration technique. This method is particularly useful in areas of poor outcrop exposure, and was a helpful indicator of the geological environment within the Montcalm Volcanic Belt. Furthermore, the MMI survey revealed a significantly more complicated geological setting than previously thought. The survey was also successful in detecting new Ni-Cu targets for future exploration. Specifically, AEM11, -12, and -15 should be followed up with line cutting and geophysics (MaxMin and Mag surveys), in addition to prospecting and sampling. These programs should subsequently be followed up with a second phase of diamond drilling.

15.0 REFERENCES

Aeroquest Ltd. (2004): Report on a Helicopter-Borne AeroTem II Electromagnetic & Magnetometer Survey

Fedikow, Mark. (2005): A Mobile Metal Ion Process (MMI-M) Soil Geochemical Survey, Montcalm Nickel (West Timmins) Project-Interpretations and Recommendations

Grant, J.C. (EXCIS Exploration Ltd) (2005): Geophysical Report on the West Timmins Project, Belford, Montcalm, Watson Township, Ontario.

Mactavish, A.D. (1996): Precambrian Geology, Montcalm Greenstone Belt, Ontario. Ontario Geological survey, Report 300, page 76.

Maclachlan, B. (2005): West Timmins Compilation Report, page 4.

Wamtech Pty. Ltd. (2004): MMI Manual for Mobile Metal Ion Geochemical Soil Surveys

CERTIFICATE OF QUALIFICATION

I, Michel Leblanc, of the Town of Chicoutimi, Province of Quebec do hereby certify that:

1. I am a professional geologist residing at 1051 – route Raymond, Canton-Tremblay, Quebec. G7H 5B2
2. I am a graduate of the University of Quebec a Chicoutimi with a B.Sc. (1991) degree in Geological Sciences.
3. I am a Professional Geologist registered with the ''Ordre des géologues du Quebec'' (OGQ, reg, no. 613).
4. I have practiced my profession as a geologist for over 15 years. I have prepared reports, conducted, supervised and managed programs for a number of major and junior companies. I have been operating as consulting contract geologist since 2002.
5. As author of this report I am familiar with the material covered in the report having been directly involved in all aspects of the exploration programs conducted on the West Timmins property since spring 2005.
6. I own option to buy 10 000 shares of Pacific Northwest Capital Corporation a publicly traded securities listed on the Toronto Stock Exchange.
7. Permission is granted for use of this report, in whole or in part, for assessment and qualification requirements, but not for advertising purposes.

_____

Michel Leblanc, BSc, (P.Geo)
1051, route Raymond
Canton-Tremblay, (Saguenay), QC
DATED at Chicoutimi, Quebec, this 15th day of February, 2006.

CERTIFICATE OF QUALIFICATION

I, Jennifer Berger, of 203 Albinson Street, Sudbury, Ontario, Canada, do hereby certify that:

1) I am an independent geological consultant.

2) I am a graduate of the University of Saskatchewan of Saskatoon, Saskatchewan with a B. Sc. in Geology, 2004

3) I have been actively working in the mining industry and mineral exploration for more than 3 years.

4) I am a member of the Ontario Prospectors Association.

5) This report is intended to be an overview of the potential of the property or properties and/or a specific geological program carried out on the property or properties with recommendations and conclusions that are based solely on the available data.

_____

Jennifer Berger (B. Sc. Geology)
February 21, 2006

APPENDIX 1

West Timmins Property Claims List

Pacific North West Capital Corp.
West Timmins Project
Claim Map

400000 410000 420000

5410000 5400000 5390000 5380000 5370000

N W E S

4202914 68242 4207721 4207722 4207725 3008918 4203047 3008919 3008917 3008916 4206316 3008915 4206355 3006302 3008924 3008925 4207724 3006303 4206359 4206313 3006304 4206356 3006305 3008921 3008923 3008922 3008920 1169588 1169590 1169589 1169587 1169586 4206309 1169591 1169592 1169593 1169594 4206354 4206308 4206350 3008927 4206351 4206352 4206353 3008926 3008913 3008914 3008911 3008912 4203045 4203046 3006250 3006252 3006251 3006253 4206319 1169608 1169607 1169606 4200716 4200717 3006260 3006261 3006257 1169610 1169611 1169612 1169613 1169600 1169601 1169609 1169614 1169602 1169605 1169604 1169603 3006258 3006259 3006286 3006287 3008931 3008930 3008929 3006288 3006289 3006300 3006238 3006239 3006240 3006243 3006241 3006301 3006242 3009222 3009220 3009221 3009223 3009225 3006246 3009224 3009225 3006245 3006244 1200538 3009227 1240891 3005317 3005316 3017515 4202972 3006306 3006307 3006308 3017288 4206311 3017289 4206300 3010168 3010169 3010171 3010167 3010170 3010164 3010163 3010166 3010172 4206303 4206302 1240890 30010020 30010021 3010027 3010028 30010028 30010025 30010023 30010022 3005309 3010029 3005318 4203855 3005321 3010804 30010024 3005311 3005310 3010806 3005320 3005319 3010803 3005315 3010805 3005314 4206310 3005313 3010807 3005312 3017516 4206312 4206301 4206315 3017267 3017274 3017275 3017284 3017263 3017264 3017266 3017268 3017273 3017276 3017283 3017262 3017269 3017272 3017277 3017282 3017265 3017270 3017271 3017278 3017281 3017279 3017280

0 1 2 3 4
Kilometers

December, 2005
Nad 83 Zone 17
montcalm_prop_ml.mxd

Figure 2

CLAIM NUMBER	UNITS	HECTARES	TOWNSHIP	DATE RECORDED	OWNERSHIP
1169586	1	16	WATSON	Oct 09/1990	Falconbridge
1169587	1	16	WATSON	Oct 09/1990	Falconbridge
1169588	1	16	WATSON	Oct 09/1990	Falconbridge
1169589	1	16	WATSON	Oct 09/1990	Falconbridge
1169590	1	16	WATSON	Oct 09/1990	Falconbridge
1169591	1	16	WATSON	Oct 09/1990	Falconbridge
1169592	1	16	BELFORD	Oct 09/1990	Falconbridge
1169593	1	16	BELFORD	Oct 09/1990	Falconbridge
1169594	1	16	BELFORD	Oct 09/1990	Falconbridge
1169600	1	16	NOVA	Oct 09/1990	Falconbridge
1169601	1	16	NOVA	Oct 09/1990	Falconbridge
1169602	1	16	NOVA	Oct 09/1990	Falconbridge
1169603	1	16	NOVA	Oct 09/1990	Falconbridge
1169604	1	16	NOVA	Oct 09/1990	Falconbridge
1169605	1	16	NOVA	Oct 09/1990	Falconbridge
1169606	1	16	BELFORD	Oct 09/1990	Falconbridge
1169607	1	16	BELFORD	Oct 09/1990	Falconbridge
1169608	1	16	BELFORD	Oct 09/1990	Falconbridge
1169609	1	16	BELFORD	Oct 09/1990	Falconbridge
1169610	1	16	BELFORD	Oct 09/1990	Falconbridge
1169611	1	16	BELFORD	Oct 09/1990	Falconbridge
1169612	1	16	NOVA	Oct 09/1990	Falconbridge
1169613	1	16	NOVA	Oct 09/1990	Falconbridge
1169614	1	16	NOVA	Oct 09/1990	Falconbridge
1200538	2	32	STRACHAN	Dec 20/1993	Falconbridge
1240890	2	32	MONTCALM	Mar 17/2003	Falconbridge
1240891	1	16	STRACHAN	Jun 24/2003	Falconbridge
3005309	8	128	MONTCALM	Apr 23/2003	Falconbridge
3005310	4	64	MONTCALM	Apr 23/2003	Falconbridge
3005311	16	256	MONTCALM	Apr 23/2003	Falconbridge
3005312	16	256	MONTCALM	Apr 23/2003	Falconbridge
3005313	16	256	MONTCALM	Apr 23/2003	Falconbridge
3005314	6	96	MONTCALM	Apr 23/2003	Falconbridge
3005315	16	256	MONTCALM	Apr 23/2003	Falconbridge
3005316	8	128	STRACHAN	Apr 23/2003	Falconbridge
3005317	8	128	STRACHAN	Apr 23/2003	Falconbridge
3005318	4	64	MONTCALM	Apr 23/2003	Falconbridge
3005319	15	240	MONTCALM	Apr 23/2003	Falconbridge
3005320	2	32	MONTCALM	Apr 23/2003	Falconbridge
3005321	1	16	MONTCALM	Apr 28/2003	Falconbridge
3006238	12	192	NOVA	Apr 28/2003	Falconbridge
3006239	16	256	NOVA	Apr 28/2003	Falconbridge
3006240	16	256	STRACHAN	Apr 28/2003	Falconbridge
3006241	15	240	NOVA	Apr 28/2003	Falconbridge
3006242	6	96	NOVA	Apr 28/2003	Falconbridge
3006243	16	256	STRACHAN	Apr 28/2003	Falconbridge
3006244	16	256	STRACHAN	Apr 28/2003	Falconbridge
3006245	16	256	MONTCALM	Apr 28/2003	Falconbridge
3006246	12	192	MONTCALM	Apr 28/2003	Falconbridge
3006250	16	256	BELFORD	Apr 28/2003	Falconbridge
3006251	12	192	BELFORD	Apr 28/2003	Falconbridge
3006252	12	192	BELFORD	Apr 28/2003	Falconbridge
3006253	8	128	BELFORD	Apr 28/2003	Falconbridge
3006257	16	256	BELFORD	Apr 28/2003	Falconbridge

CLAIM NUMBER	UNITS	HECTARES	TOWNSHIP	DATE RECORDED	OWNERSHIP
3006258	4	64	BELFORD	Apr 28/2003	Falconbridge
3006259	9	144	BELFORD	Apr 28/2003	Falconbridge
3006260	15	240	BELFORD	Apr 28/2003	Falconbridge
3006261	12	192	BELFORD	Apr 28/2003	Falconbridge
3006286	16	256	BELFORD	Apr 28/2003	Falconbridge
3006287	4	64	NOVA	Apr 28/2003	Falconbridge
3006288	12	192	NOVA	Apr 28/2003	Falconbridge
3006289	16	256	NOVA	Apr 28/2003	Falconbridge
3006300	9	144	NOVA	Apr 28/2003	Falconbridge
3006301	2	32	NOVA	Apr 28/2003	Falconbridge
3006302	15	240	WATSON	Apr 28/2003	Falconbridge
3006303	15	240	WATSON	Apr 28/2003	Falconbridge
3006304	15	240	WATSON	Apr 28/2003	Falconbridge
3006305	12	192	WATSON	Apr 28/2003	Falconbridge
3006306	7	112	STRACHAN	Apr 28/2003	Falconbridge
3006307	12	192	STRACHAN	Apr 28/2003	Falconbridge
3006308	9	144	STRACHAN	Apr 28/2003	Falconbridge
3008911	15	240	BELFORD	Oct 10/2003	Falconbridge
3008912	15	240	BELFORD	Oct 10/2003	Falconbridge
3008913	13	208	BELFORD	Oct 10/2003	Falconbridge
3008914	16	256	BELFORD	Oct 10/2003	Falconbridge
3008915	16	256	WATSON	Oct 10/2003	Falconbridge
3008916	16	256	WATSON	Oct 10/2003	Falconbridge
3008917	16	256	WATSON	Oct 10/2003	Falconbridge
3008918	16	256	GRIFFIN	Oct 10/2003	Falconbridge
3008919	16	256	WATSON	Oct 10/2003	Falconbridge
3008920	16	256	WATSON	Oct 10/2003	Falconbridge
3008921	8	128	WATSON	Oct 10/2003	Falconbridge
3008922	8	128	WATSON	Oct 10/2003	Falconbridge
3008923	1	16	WATSON	Oct 10/2003	Falconbridge
3008924	10	160	WATSON	Oct 10/2003	Falconbridge
3008925	15	240	WATSON	Oct 10/2003	Falconbridge
3008926	2	32	BELFORD	Oct 10/2003	Falconbridge
3008927	16	256	BELFORD	Oct 10/2003	Falconbridge
3008929	15	240	BELFORD	Oct 10/2003	Falconbridge
3008930	9	144	BELFORD	Oct 10/2003	Falconbridge
3008931	6	96	BELFORD	Oct 10/2003	Falconbridge
3009220	5	80	MONTCALM	Apr 28/2003	Falconbridge
3009221	12	192	MONTCALM	Apr 28/2003	Falconbridge
3009222	4	64	MONTCALM	Apr 28/2003	Falconbridge
3009223	12	192	MONTCALM	Apr 28/2003	Falconbridge
3009224	16	256	MONTCALM	Apr 28/2003	Falconbridge
3009225	16	256	MONTCALM	Apr 28/2003	Falconbridge
3009226	16	256	MONTCALM	Apr 28/2003	Falconbridge
3009227	3	48	STRACHAN	Apr 28/2003	Falconbridge
3010027	12	192	MONTCALM	Apr 23/2003	Falconbridge
3010028	2	32	MONTCALM	Apr 23/2003	Falconbridge
3010029	9	144	MONTCALM	Apr 23/2003	Falconbridge
3010163	3	48	MONTCALM	Jun 26/2003	Falconbridge
3010164	3	48	MONTCALM	Jun 26/2003	Falconbridge
3010166	2	32	MONTCALM	Jun 26/2003	Falconbridge
3010167	2	32	MONTCALM	Jun 26/2003	Falconbridge
3010168	2	32	MONTCALM	Jun 26/2003	Falconbridge
3010169	2	32	MONTCALM	Jun 26/2003	Falconbridge

CLAIM NUMBER	UNITS	HECTARES	TOWNSHIP	DATE RECORDED	OWNERSHIP
3010170	3	48	MONTCALM	Jun 26/2003	Falconbridge
3010171	3	48	MONTCALM	Jun 26/2003	Falconbridge
3010172	7	112	MONTCALM	Jun 26/2003	Falconbridge
3010803	8	128	MONTCALM	Nov 25/2002	Falconbridge
3010804	6	96	MONTCALM	Nov 25/2002	Falconbridge
3010805	12	192	MONTCALM	Nov 25/2002	Falconbridge
3010806	4	64	MONTCALM	Nov 25/2002	Falconbridge
3010807	16	256	MONTCALM	Nov 18/2002	Falconbridge
3017262	8	128	NOVA	Nov 17/2004	Falconbridge
3017263	2	32	NOVA	Nov 17/2004	Falconbridge
3017264	16	256	NOVA	Nov 17/2004	Falconbridge
3017265	3	48	NOVA	Nov 17/2004	Falconbridge
3017266	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017267	12	192	STRACHAN	Nov 17/2004	Falconbridge
3017268	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017269	8	128	STRACHAN	Nov 17/2004	Falconbridge
3017270	4	64	STRACHAN	Nov 17/2004	Falconbridge
3017271	9	144	STRACHAN	Nov 17/2004	Falconbridge
3017272	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017273	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017274	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017275	12	192	STRACHAN	Nov 17/2004	Falconbridge
3017276	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017277	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017278	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017279	12	192	MELROSE	Nov 17/2004	Falconbridge
3017280	16	256	MELROSE	Nov 17/2004	Falconbridge
3017281	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017282	8	128	STRACHAN	Nov 17/2004	Falconbridge
3017283	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017284	16	256	STRACHAN	Nov 17/2004	Falconbridge
3017288	12	192	STRACHAN	Nov 18/2004	Falconbridge
3017289	9	144	STRACHAN	Nov 18/2004	Falconbridge
3017515	6	96	STRACHAN	Nov 18/2004	Falconbridge
3017516	12	192	MONTCALM	Apr 06/2004	Falconbridge
4200716	12	192	BELFORD	Mar01/2005	Pacific Northwest
4200717	15	240	BELFORD	Mar 01/2005	Falconbridge (AOI)
4202914	4	64	GRIFFIN	Sept 07/2005	Pacific Northwest
4202972	7	112	STRACHAN	May 09/2005	Pacific Northwest
4203045	3	48	BELFORD	Sept 07/2005	Pacific Northwest
4203046	3	48	BELFORD	Sept 07/2005	Pacific Northwest
4203047	3	48	WATSON	Sept 07/2005	Pacific Northwest
4203855	11	176	MONTCALM	Apr 19/2005	Falconbridge (AOI)
4206300	14	224	STRACHAN	May09/2005	Pacific Northwest
4206301	9	144	STRACHAN	May 09/2005	Pacific Northwest
4206302	12	192	MONTCALM	May 09/2005	Pacific Northwest
4206303	8	128	MONTCALM	May 09/2005	Pacific Northwest
4206308	12	192	BELFORD	Apr 19/2005	Pacific Northwest
4206309	6	96	WATSON	Apr 19/2005	Falconbridge (AOI)
4206310	8	128	MONTCALM	Apr 19/2005	Pacific Northwest
4206311	6	96	STRACHAN	Apr 19/2005	Pacific Northwest
4206312	16	256	STRACHAN	Apr 19/2005	Pacific Northwest
4206313	12	192	WATSON	Apr 19/2005	Falconbridge (AOI)
4206315	8	128	STRACHAN	Apr 19/2005	Pacific Northwest

CLAIM NUMBER	UNITS	HECTARES	TOWNSHIP	DATE RECORDED	OWNERSHIP
4206316	15	240	WATSON	Apr 19/2005	Falconbridge (AOI)
4206319	4	64	BELFORD	Apr 19/2005	Falconbridge (AOI)
4206350	14	224	BELFORD	May 09/2005	Pacific Northwest
4206351	16	256	BELFORD	May 09/2005	Falconbridge (AOI)
4206352	16	256	BELFORD	May 09/2005	Falconbridge (AOI)
4206353	16	256	BELFORD	May 09/2005	Pacific Northwest
4206354	8	128	BELFORD	May 09/2005	Falconbridge (AOI)
4206355	16	256	WATSON	May 09/2005	Pacific Northwest
4206356	1	16	WATSON	May 09/2005	Falconbridge (AOI)
4206359	4	64	WATSON	May 09/2005	Pacific Northwest
4207721	16	256	GRIFFIN	Sept 07/2005	Pacific Northwest
4207722	16	256	GRIFFIN	Sept 07/2005	Pacific Northwest
4207723	8	128	GRIFFIN	Sept 07/2005	Pacific Northwest
4207724	4	64	WATSON	Sept 07/2005	Pacific Northwest
4207725	2	32	GRIFFIN	Sept 07/2005	Pacific Northwest
30010020	8	128	MONTCALM	Nov 25/2002	Falconbridge
30010021	8	128	MONTCALM	Nov 25/2002	Falconbridge
30010022	16	256	MONTCALM	Nov 18,2002	Falconbridge
30010023	16	256	MONTCALM	Nov 18,2002	Falconbridge
30010024	16	256	MONTCALM	Nov 18,2002	Falconbridge
30010025	16	256	MONTCALM	Nov 18,2002	Falconbridge
30010026	6	96	MONTCALM	Nov 18,2002	Falconbridge
TOTAL	**1682**	**26928**			

APPENDIX 2

2005 MMI-M Survey Sample Descriptions

MMI soil sample Description	
Abbreviations used	
AEM 1	AeoroTEM # 1
RB	Red brown
BR	Brown
GRB	Gray red brown
RBG	Reddish brown gray
LG	Light gray
LR	Light red
LB	Light brown
Brn	Brown
DOM	Deep Organic Material
MIX	Mixed forest
Spr	Spruce
Auld	Aulder
EP	Epinette(Jack Pine)
JP	Jack Pine
8*	Field Duplicate sample
F	Fine
Cg	Coarse grained
Fg	Fine grained
VFG	Very fine grained
MG	Medium grained

Anomaly ID	AEM1
Line	A
Departure	405650E 5409820N
Arrival	405950E 5409820N
Sampler(s)	LL, JC, MM, ML
Date	July 27, 2005

REAL DEPARTURE AND ARRIVAL
Departure:
Arrival:
Going East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Vegetation type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM1-A1	54501	405650	5409820	Fine (silt)	Light grey	20	Mixed (leaf dominated)	3	3	2	200N	Compact material
AEM1-A2	54502	405675	5409820	Fine (silt)	Light grey	20-25	Mixed (leaf dominated)	3	3	2	220N	Soft material
AEM1-A3	54503	405700	5409820	Fine (silt)	Light grey	20-25	Mixed (leaf dominated)	3	3	2	225N	Soft material
AEM1-A4	54504	405725	5409820	Fine (silt)	L grey brownish	20-25	Mixed (leaf dominated)	3	3	2	230N	Soft material
AEM1-A5	54505	405750	5409820	Fine (silt)	L grey brownish	20-25	Mixed (leaf dominated)	3	3	2	200N	Soft material
AEM1-A6	54506	405775	5409820	Fine (silt)	Brown	20-25	Mixed (leaf dominated)	3	3	2	220N	Soft material
AEM1-A7	54507	405800	5409820	Very fine (clay)	Light grey	15-20	Mixed (leaf dominated)	3	3	2	200N	Soft material
AEM1-A8*	54508	405800	5409820	Very fine (clay)	Light grey	15-20	Mixed (leaf dominated)	3	3	2	200N	Compact material
AEM1-A9	54509	405825	5409820	Very fine (clay)	Gray brownish	15-20	Mixed (leaf dominated)	3	3	2	220N	Compact material
AEM1-A10	54510	405850	5409820	Very fine (clay)	Gray brownish	15-20	Mixed (leaf dominated)	3	3	1	200N	35 cm organic material
AEM1-A11	54511	405875	5409820	Very fine (clay)	Gray brownish	35	Mixed (leaf dominated)	3	3	1	200N	20 cm organic material
AEM1-A12	54512	405900	5409820	Fine (silt)	Dark brown	20	Mixed (leaf dominated)	3	3	1	215N	Very compact
AEM1-A13	54513	405925	5409820	Fine (silt)	Dark brown	30	Mixed (leaf dominated)	3	3	1	215N	Compact material
AEM1-A14	54514	405950	5409820	Very fine (clay)	Brown	35-40	Mixed (leaf dominated)	3	3	1	215N	Compact material and mudy

Anomaly ID	AEM1
Line	B
Departure	405950E 5409710N
Arrival	405700E 5409710N
Sampler(s)	LL, JC, MM, ML
Date	July 27, 2005

REAL DEPARTURE AND ARRIVAL
Departure:
Arrival:
Going West

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Vegetation type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM1-B1	NA	NA	NA	NA	Black organic	>75	Black pine+ aulders	3	2 to 1	0	NA	Thick organic material, 3 try
AEM1-B2	NA	NA	NA	NA	Black organic	>75	Black pine+ aulders	2 to 3	2 to 1	0	NA	Thick organic material, 2 try
AEM1-B3	54526	405700	5409710	Fine (silty)	Light brown	35	Black pine+ aulders	3	2 to 1	0	NA	Wet spongy
AEM1-B4	54525	405725	5409710	Fine (silty)	Light brown	35	Black pine+ aulders	3	2 to 1	0	NA	Wet spongy
AEM1-B5	54524	405750	5409710	Fine (silty)	Light brown	45	Black pine+ aulders	3	2 to 3	0	NA	Damp and compact
AEM1-B6	54523	405775	5409710	Fine (silty)	Light brown	60	Black pine+ aulders	3	2 to 3	0	NA	Damp and compact
AEM1-B7	54522	405800	5409710	Fine (silty)	Light brown	30	Black pine+ aulders	2 to 3	3	0	NA	Damp and compact
AEM1-B8*	54521	405800	5409710	Fine (silty)	Light brown	30	Black pine+ aulders	2 to 3	3	0	NA	Damp and compact
AEM1-B9	54520	405825	5409710	Fine (silty)	Light brown	30	Mixed leaf dominated	2 to 3	3	0	NA	Dry compact hard
AEM1-B10	54519	405850	5409710	Very fine (clay)	Brown	30	Mixed leaf dominated	2 to 3	3	0	NA	Dry compact hard
AEM1-B11	54518	405875	5409710	Very fine (clay)	Gray light brown	25	Black pine+ aulders	3	1	0	NA	Wet compact
AEM1-B12	54517	405900	5409710	Very fine (clay)	Gray light brown	55	Black pine+ aulders	3	1	0	NA	Wet compact
AEM1-B13	54516	405925	5409710	Very fine (clay)	Gray light brown	40-45	Leaf dominated	3	3	1	200N	Damp and compact
AEM1-B14	54515	405950	5409710	Very fine (clay)	Gray light brown	45	Leaf dominated	3	2	1	200N	Damp and compact

Anomaly ID	AEM1
Line	C
Departure	405650E 5409580N
Arrival	405950E 5409580N
Sampler(s)	LL, JC, MM
Date	July 27, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 405645E 5409577N
Arrival: 405955E 5409553N
Going East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Vegetation type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM1-C1	54527	405650	5409580	Fine (silt)	Light brown	35	Black pine+aulders	2 to 3	2 to 3	0	NA	Damp
AEM1-C2	54528	405675	5409580	Fine (silt)	Light brown	45	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp
AEM1-C3	54529	405700	5409580	Fine (silt)	Light brown	45	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C4	54530	405725	5409580	Fine (silt)	Light brown	45	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C5	54531	405750	5409580	Fine (silt)	Light brown	40	Mixed+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C6	54532	405775	5409580	Fine (silt)	Light brown	35	Black pine+aulders	2 to 3	2 to 1	0	NA	Wet
AEM1-C7	54533	405800	5409580	Fine (silt)	Light brown	40	Black pine+aulders	2 to 3	2 to 1	0	NA	Wet
AEM1-C8*	54534	405800	5409580	Fine (silt)	Light brown	40	Black pine+aulders	2 to 3	2 to 1	0	NA	Wet, deep org material
AEM1-C9	54535	405825	5409580	Fine (silt)	Light brown	45	Black pine+aulders	2 to 3	2 to 1	0	NA	Wet, deep org material
AEM1-C10	54536	405850	5409580	Fine (silt)	Light brown	60	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C11	54537	405875	5409580	Fine (silt)	ight gray brow	35	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C12	54538	405900	5409580	Fine (silt)	Light brown	40	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C13	54539	405925	5409580	Fine (silt)	Dark brown	40	Black pine+aulders	2 to 3	2 to 1	0	NA	Damp, deep organic material
AEM1-C14	54540	405950	5409580	Fine (silt)	Light brown	45	Black pine+aulders	2 to 3	2 to 1	0	NA	Wet, deep org material

Anomaly ID	AEM1
Line	D
Departure	405660E / 5409920N
Arrival	405960E / 5409920N
Sampler(s)	LL, ML, JB
Date	09-Sep-05

REAL DEPARTURE AND ARRIVAL	
Departure:	
Arrival:	
Going East	

Sample ID	Sample no	Location		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM1-D1	97059	405662	5409929	sandy-silt	LRB	20	Poplar-spruce	2	3	0 to 1	NA	Top of B horizon-compact
AEM1-D2	97058	405687	5409929	sandy-silt	RB	20	Poplar-Mixed	2	3	0 to 1	NA	Top of B horizon
AEM1-D3	97057	405712	5409929	sandy-silt	LR	20	Poplar-Mixed	2	3	0 to 1	NA	Top of B horizon-compact
AEM1-D4	97056	405737	5409930	sandy-silt	LB	20	Birch-mixed	2	3	0 to 1	NA	Top of B horizon-compact
AEM1-D5	97055	405762	5409928	Fine sand	LB	20	Mixed	2	3	0 to 1	NA	Top of B horizon-compact
AEM1-D6	97054	405787	5409928	Fine sand	LG	20	Mixed	2	3	1	180	Inside B horizon
AEM1-D7	97053	405812	5409927	Fine sand	RB	20	Aulder-birch	2	3	1	180	Inside B horizon
AEM1-D8*	97052	405812	5409927	Fine sand	RB	20	Mixed	2	3	1	180	Inside B horizon
AEM1-D9	97051	405837	5409926	Fine sand	RB	20	Mixed	2	3	0 to 1	NA	Inside B horizon-compact
AEM1-D10	97050	405862	5409925	Fine sand	RB	20	JP-mixed	2	3	0 to 1	NA	Inside B horizon
AEM1-D11	97049	405887	5409924	Fine sand	RB	20	JP-mixed	2	3	0	NA	Top B horizon
AEM1-D12	97048	405912	5409923	Silty sand	RBG	25	JP-mixed	2	2	0	NA	Compact
AEM1-D13	97047	405937	5409923	Silty sand	LB	25	JP-mixed	2	2	0	NA	Compact
AEM1-D14	97046	405960	5409923	Silty sand	LB	25	JP-mixed	2	2	0	NA	Compact

Anomaly ID	AEM1
Line	E
Departure	405630E / 5409990N
Arrival	405930E / 5409990N
Sampler(s)	LL, ML, JB
Date	09-Sep-05

REAL DEPARTURE AND ARRIVAL
Departure: 405636E / 5409986N
Arrival: 405936E / 5410014N
Going East

Sample	Sample	Location		Grain	Soil	Sample	Veg.	Veg.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	Size	color	depth	type	density			Direction	
AEM1-E1	97032	405636	5409986	Fine sand	RB	15	JP mix	2	3	2	140	Inside B horizon
AEM1-E2	97033	405661	5409988	Fine sand	BR	15	Poplar-JP	2	3	1	140	Inside B horizon
AEM1-E3	97034	405686	5409990	Fine sand	RB	20	Mix	2	3	0 to 1	NA	Inside B horizon
AEM1-E4	97035	405711	5409992	Fine sand	GRB	20	JP mix	2	3	1	105	Mixed A and B horizon
AEM1-E5	97036	405736	5409994	Fine sand	GRB	20	JP mix	2	3	1	210	Base of A horizon
AEM1-E6	97037	405761	5409996	Fine sand	RB	20	Birch-JP	2	3	2	150	Mostly B horizon
AEM1-E7	97038	405786	5409998	Fine sand	RBG	20	Birch-JP	2	3	1	170	A+B horizon interface
AEM1-E8*	97039	405786	5409998	Fine sand	RBG	20	Birch-JP	2	3	1	170	Duplicate-upper B horizon
AEM1-E9	97040	405811	5410000	Fine sand	GB	20	JP mix	2	3	2	200	Base of A horizon-compact
AEM1-E10	97041	405836	5410002	Fine sand	RB	20	Birch-mix	2	3	2	185	Top of B horizon
AEM1-E11	97042	405861	5410004	Fine sand	RBG	20	JP mix	2	3	2	200	Mixed A and B horizon
AEM1-E12	97043	405886	5410006	Fine sand	RBG	20	JP mix	2	3	2	180	Top of B horizon
AEM1-E13	97044	405911	5410009	Fine sand	RBG	20	JP mix	2	3	2	160	Top of B horizon
AEM1-E14	97045	405936	5410014	Fine sand	RBG	20	JP mix	2	3	1	200	Top of B horizon

Anomaly ID	AEM2
Line	A
Departure	404860E 5405180N
Arrival	405160E 5405180N
Sampler(s)	LL, JC
Date	29-Jul-05

REAL DEPARTURE AND ARRIVAL
Departure: 404861E 5405182N
405160E 5405098N
Going East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM2-A1	54541	404860	5405180	Fine (silt)	light grey	40	spruce (logged)	1	1	0	NA	Logged area, wet
AEM2-A2	54542	404885	5405180	Fine (silt)	light grey	50	spruce (logged)	1	1	0	NA	Damp, deep org. material
AEM2-A3	54543	404910	5405180	organic	black brown	65	spruce (logged)	1	2	0	NA	Damp, deep org. material
AEM2-A4	54544	404935	5405180	organic	black brown	80	spruce (logged)	1	2	0	NA	Damp, deep org. material
AEM2-A5	54545	404960	5405180	Fine (silt)	grey	20	spruce (logged)	1	2	0	NA	
AEM2-A6	54546	404985	5405180	Fine (silt)	light brown	60	spruce (logged)	1	2	0	NA	Damp, color change
AEM2-A7	54547	405010	5405180	Fine (silt)	light brown	40	spruce (logged)	1	2	0	NA	Gray spots
AEM2-A8*	54548	405010	5405180	Fine (silt)	light brown	35	spruce (logged)	1	2	0	NA	Gray spots
AEM2-A9	54549	405035	5405180	Fine (silt)	light brown	45	spruce (logged)	1	2	0	NA	Gray spots
AEM2-A10	54550	405060	5405180	Fine (silt)	light brown	35	spruce (logged)	1	2	0	NA	
AEM2-A11	54551	405085	5405180	Fine (silt)	light brown	60	spruce (logged)	1	2	0	NA	Near log trail (disturbated area)
AEM2-A12	54552	405110	5405140	Fine (silt)	light brown	30	spruce (logged)	1	2	0	NA	40 meters off line (south)
AEM2-A13	54553	405135	5405124	Fine (silt)	light brown	25	spruce (logged)	1	2	0	NA	56 meters off line (south)
AEM2-A14	54554	405155	5405198	Fine (silt)	light brown	35	spruce (logged)	1	2 to 3	0	NA	80 meters off line (south)

Anomaly ID	AEM2
Line	B
Departure	404860E 5405110N
Arrival	405160E 5405110N
Sampler(s)	LL, JC
Date	29-Jul-05

REAL DEPARTURE AND ARRIVAL
Departure: 404832E 5405095N
Arrival: 405155E 5405098N
Going East

Sample ID	Sample no	Location		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM2-B1	54568	404832	5405095	Silt	Light brown	95	Spruce+poplar	1	1	0	NA	Compact, wet, deep org. mat.
AEM2-B2	54567	404859	5405095	Silt	Light brown	30	Spruce+poplar	1	2	0	NA	Compact, damp, deep organic material
AEM2-B3	54566	404886	5405095	Silt	Light brown	40	Spruce+poplar	1	2	0	NA	Compact, wet, deep org. mat.
AEM2-B4	54565	404913	5405095	Clay+silt	LGR-LBR	90	Spruce+poplar	1	1	0	NA	Compact, wet, deep org. mat.
AEM2-B5	54564	404940	5405095	Clay+silt	LGR-LBR	50	Spruce+poplar	1	1	0	NA	Compact, wet, deep org. mat.
AEM2-B6	54563	404967	5405096	Clay+silt	Light brown	45	Spruce+poplar	1	2 to 3	0	NA	Compact, wet, deep org. mat.
AEM2-B7	54562	404994	5405096	Clay+silt	Light gray	90	Spruce+poplar	1	1	0	NA	Compact, wet, deep org. mat.
AEM2-B8*	54561	404994	5405096	Clay+silt	Light gray	90	Spruce+poplar	1	1	0	NA	Compact, wet, deep org. mat.
AEM2-B9	54560	405021	5405096	Clay+silt	Light brown	90	Spruce+poplar	1	2 to 3	0	NA	Compact, wet, deep org. mat.
AEM2-B10	54559	405048	5405096	Silt	Light brown	65	Spruce+poplar	1	2 to 3	0	NA	Compact, damp
AEM2-B11	54558	405075	5405097	Silt	Light brown	20	Spruce+poplar	1	2 to 3	0	NA	Compact, damp
AEM2-B12	54557	405102	5405097	Silt	Light brown	35	Spruce+poplar	1	2 to 3	0	NA	Compact, damp
AEM2-B13	54556	405129	5405097	Silt	Light brown	75	Spruce+poplar	1	2 to 3	0	NA	logged area
AEM2-B14	54555	405155	5405098	Silt	Light brown	38	Spruce+poplar	1	2 to 3	0	NA	logged area

Anomaly ID	AEM3
Line	A
Departure	405690E 5403575N
Arrival	406000E 5403575N
Sampler(s)	LL, MM, JC
Date	Aug-01-05

REAL DEPARTURE AND ARRIVAL
Departure: (L13N 1+25W) 405697E / 5403579N (
Arrival: (L13N 1+50E) 405965E / 503574N (+
Going: East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM3-A1	54618	405690	5403575	visible wood, org.	black	60	spruce, logged	0	1	N/A	N/A	compact org. material (dug 70cm)
AEM3-A2	54619	405715	5403575	visible wood, org.	black	60	spruce, logged	0	1	N/A	N/A	compact org. material (dug 70cm)
AEM3-A3	54620	405740	5403575	visible wood, org.	black	60	spruce	2 to 3	1 to 2	N/A	N/A	DOM
AEM3-A4	54621	405765	5403575	less v. wood,org.	black	60	MIX	2 to 3	1 to 2	N/A	N/A	DOM
AEM3-A5	54622	405790	5403575	less v. wood,org.	black	50	MIX	2 to 3	1 to 2	N/A	N/A	DOM
AEM3-A6	54623	405815	5403575	less v. wood,org.	black	50	MIX	2 to 3	1 to 2	N/A	N/A	DOM
AEM3-A7	54624	405840	5403575	less v. wood,org.	black	60	MIX	2 to 3	1 to 2	N/A	N/A	DOM, frozen ground (ice)
AEM3-A8*	54625	405840	5403575	no wood, org.	dark brown	95	MIX	2 to 3	1 to 2	N/A	N/A	DOM (dug 90 cm), frozen ground (ice)
AEM3-A9	54626	405865	5403575	less v. wood,org.	black	60	MIX	2 to 3	1 to 2	N/A	N/A	
AEM3-A10	54627	405890	5403575	clay, vfg	grey	60	MIX	2 to 3	1 to 2	N/A	N/A	DOM (60cm)-clay (60-80cm)
AEM3-A11	54628	405915	5403575	clay, vfg	brown-grey	60	MIX	2 to 3	1 to 2	N/A	N/A	
AEM3-A12	54629	405940	5403575	clay, vfg	grey	55	MIX	2 to 3	1 to 2	N/A	N/A	
AEM3-A13	54630	405965	5403575	clay, vfg	grey	80	MIX	2 to 3	1 to 2	N/A	N/A	
AEM3-A14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	water logged at 35cm deep (discarded)

Anomaly ID	AEM3
Line	B
Departure	405650E 5402970N
Arrival	405950E 5402970N
Sampler(s)	LL, MM, JC
Date	Aug-01-05

REAL DEPARTURE AND ARRIVAL	
Departure: (L 7N 1+75W) 405664E / 5402960N (	
Arrival: (L7N 0+75E)	405904E / 5402962N (
Going: East	

Sample ID	Sample no	Location		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM3-B1	54631	405664	5402960	clay, vfg	light brown	75	MIX, logged	1	1	N/A	N/A	
AEM3-B2	54632	405688	5402960	clay, vfg	light brown	45	MIX, logged	1	1	N/A	N/A	
AEM3-B3	54633	405712	5402960	clay, vfg	light brown	45	MIX, logged	1	1	N/A	N/A	
AEM3-B4	54634	405736	5402960	clay, vfg	light brown	30	MIX	2	2	N/A	N/A	
AEM3-B5	54635	405760	5402960	clay, vfg	light brown	40	MIX	3	3	0 to 1	270	
AEM3-B6	54636	405784	5402960	clay, vfg	light brown	25	MIX	3	3	0 to 1	270	
AEM3-B7	54637	405808	5402961	clay, vfg	light brown	25	MIX	3	3	0 to 1	90	
AEM3-B8*	54638	405808	5402961	clay, vfg	light brown	25	MIX	3	3	0 to 1	90	
AEM3-B9	54639	405832	5402961	clay, vfg	light brown	45	MIX	2	2	N/A	N/A	
AEM3-B10	54640	405856	5402961	clay, vfg	light brown	35	spruce	1 to 2	2	N/A	N/A	
AEM3-B11	54641	405880	5402962	clay, vfg	light brown	75	spruce, logged	1	1	N/A	N/A	
AEM3-B12	54642	405904	5402962	clay, vfg	light brown	60	spruce, logged	1	1	N/A	N/A	
AEM3-B13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	water logged (discarded)
AEM3-B14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DOM (discarded)

Anomaly ID	AEM3
Line	C
Departure	405860E 5402380N
Arrival	406160N 5402380N
Sampler(s)	MM, JC
Date	Aug-05-05

REAL DEPARTURE AND ARRIVAL
Departure: (L1N 0+25E) 405859E / 5402384N (W.P.
Arrival: (L1N 3+25E) 406161E / 5402387N (W.P.
Going: East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM3-C1	54726	405860	5402380	silt/clay, vfg	yellow-light brown	45	spruce, logged	1	2 to 3	N/A	N/A	DOM(25cm), compact
AEM3-C2	54725	405885	5402380	silt/clay, vfg	light brown	40	spruce, logged	1	2 to 3	N/A	N/A	DOM(20cm), compact
AEM3-C3	54724	405910	5402381	silt/clay, vfg	light brown	40	spruce, logged	1	1	N/A	N/A	DOM(20cm), compact, water logged
AEM3-C4	54723	405935	5402381	silt/clay, vfg	yellow-light brown	45	spruce, logged	1	2 to 3	N/A	N/A	thin organic material, compact
AEM3-C5	54722	405960	5402382	silt/clay, vfg	yellow-light brown	40	spruce, logged	1	2	N/A	N/A	DOM(20cm), compact
AEM3-C6	54721	405985	5402382	silt/clay, vfg	yellow-light brown	40	spruce, logged	1	2	N/A	N/A	DOM(20cm), compact
AEM3-C7	54720	406010	5402383	silt/clay, vfg	yellow-light brown	60	spruce	2	2	N/A	N/A	DOM(45cm), compact
AEM3-C8*	54719	406010	5402383	silt/clay, vfg	yellow-light brown	45	spruce	2	2	N/A	N/A	DOM(25cm), compact
AEM3-C9	54718	406035	5402383	silt/clay, vfg	yellow-light brown	60	spruce	2	1	N/A	N/A	DOM(45cm), compact. water logged
AEM3-C10	54717	406060	5402384	silt/clay, vfg	yellow-light brown	50	spruce, logged	1 to 2	1	N/A	N/A	DOM(35cm), compact
AEM3-C11	54716	406085	5402385	silt/clay, vfg	yellow-light brown	50	spruce, logged	1 to 2	2	N/A	N/A	DOM(35cm), compact
AEM3-C12	54715	406110	5402386	silt/clay, vfg	yellow-light brown	45	spruce, logged	1	2	N/A	N/A	DOM(25cm), compact
AEM3-C13	54714	406135	5402386	silt/clay, vfg	yellow-light brown	40	spruce, logged	1	1	N/A	N/A	DOM(35cm), compact
AEM3-C14	54713	406161	5402387	silt/clay, vfg	yellow-light brown	45	spruce, logged	1	1	N/A	N/A	DOM(35cm), compact

Anomaly ID	AEM6
Line	A
Departure	404450E 5401600N
Arrival	404750E 5401600N
Sampler(s)	LL, JC
Date	Jul-31-05

REAL DEPARTURE AND ARRIVAL
Departure: 404450E / 5401600N (+ - 12)
Arrival: 404748E / 5401604N (+ - 6)
Going East

Sample	Sample	Location		Grain	Soil	Sample	Veg.	Veg.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	Size	color	depth	type	density			Direction	
AEM6-A1	54617	404450	5401600	fg	light brown	25	leaf	3	3	N/A	N/A	thin organic material
AEM6-A2	54616	404475	5401600	fg	light brown	25	leaf	2 to 3	3	N/A	N/A	thin organic material
AEM6-A3	54615	404500	5401600	sand, fg	red brown	25	leaf	3	3	N/A	N/A	thin organic material, B horizon
AEM6-A4	54614	404525	5401600	sand, fg	red brown	25	leaf	3	3	N/A	N/A	mostly B horizon- some A horizon
AEM6-A5	54613	404550	5401600	fg	light brown	25	MIX	3	3	N/A	N/A	DOM, compact, dry
AEM6-A6	54612	404575	5401600	fg	light brown	25	MIX	3	3	N/A	N/A	DOM, compact, dry
AEM6-A7	54611	404600	5401600	fg	light brown	30	MIX	3	3	N/A	N/A	DOM, compact, dry
AEM6-A8*	54610	404600	5401600	fg	light brown	40	MIX	3	3	N/A	N/A	DOM, compact, dry
AEM6-A9	54609	404625	5401600	fg	light brown	25	leaf, logged	3	3	N/A	N/A	compact, dry
AEM6-A10	54608	404650	5401600	fg	light brown	25	rasberries	3	3	N/A	N/A	sample taken 10W
AEM6-A11	N/A	404675	5401600	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, side of ditch
AEM6-A12	N/A	404700	5401600	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, on road
AEM6-A13	N/A	404725	5401600	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, side of ditch
AEM6-A14	54607	404750	5401600	fg	light brown	25	MIX	3	2	1 to 2	120SE	thin organic material

Anomaly ID	AEM6
Line	B
Departure	404450E 5401450N
Arrival	404750E 5401450N
Sampler(s)	LL, JC
Date	Jul-31-05

REAL DEPARTURE AND ARRIVAL
Departure: 404450E / 5401450N
Arrival: 404752E / 5401448N (+ - 7)
Going East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM6-B1	54597	404450	5401450	organic material	black	45	rasberries	3	2	N/A	N/A	DOM (>45cm)
AEM6-B2	N/A	404475	5401450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, side of ditch
AEM6-B3	N/A	404500	5401450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, in ditch
AEM6-B4	N/A	404525	5401450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, on road
AEM6-B5	N/A	404550	5401450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	no sample, side of ditch
AEM6-B6	54598	404575	5401450	clay+silt, vfg	light brown	60	leaf	3	3	N/A	N/A	DOM, dry
AEM6-B7	54599	404600	5401450	clay+silt, vfg	light brown	40	MIX	3	3	N/A	N/A	DOM, dry
AEM6-B8*	54600	404600	5401450	clay+silt, vfg	light brown	40	MIX	3	3	N/A	N/A	DOM, damp
AEM6-B9	54601	404625	5401450	clay+silt, vfg	light brown	50	MIX	3	3	N/A	N/A	DOM, wet, 10m from ditch
AEM6-B10	54602	404650	5401450	clay+silt, vfg	light brown	60	MIX	3	3	N/A	N/A	DOM, damp
AEM6-B11	54603	404675	5401450	clay+silt, vfg	light brown	50	MIX	3	3	N/A	N/A	DOM, damp
AEM6-B12	54604	404700	5401450	clay+silt, vfg	light brown	45	MIX	3	3	N/A	N/A	DOM, damp
AEM6-B13	54605	404725	5401450	clay+silt, vfg	light brown	35	MIX	3	3	N/A	N/A	DOM, damp
AEM6-B14	54606	404750	5401450	clay+silt, vfg	light brown	25	MIX	3	3	N/A	N/A	DOM, damp

Anomaly ID	AEM7
Line	A
Departure	403900E 5401830N
Arrival	404200E 5401830N
Sampler(s)	LL, ML, JC
Date	Jul-30-05

REAL DEPARTURE AND ARRIVAL
Departure: 403885E / 5401839N
Arrival: 404192E / 5401840N
Going East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM7-A1	54583	403885	5401839	silt, fg	light brown	15	leaf	3	2 to 3	2	320	A horizon, compact
AEM7-A2	54584	403910	5401839	sand, mg	l. red brown	15	leaf	3	3	2	350	mix A-B horizon,compact, 5% rubble
AEM7-A3	54585	403935	5401839	silt/sand, fg-mg	light brown	15	leaf	2 to 3	3	2	350	B horizon, compact, 5% rubble
AEM7-A4	54586	403960	5401839	silt/sand, fg-mg	light brown	15	leaf	2 to 3	3	2	150	B horizon, moderately compact
AEM7-A5	54587	403985	5401839	silt/sand, fg-mg	red brown	20	MIX	2	3	1	150	B horizon, unconsolidated
AEM7-A6	54588	404010	5401839	silt/sand, fg-mg	light brown	20	leaf	3	3	0 to 1	150	mostly A horizon, moderately compact
AEM7-A7	54589	404035	5401839	silt, fg	grey brown	20	leaf	2 to 3	3	0 to 1	20	compact
AEM7-A8*	54590	404035	5401839	silt, fg	grey brown	20	leaf	2 to 3	3	0 to 1	20	compact, some rubble(mm-cm)
AEM7-A9	54591	404060	5401840	silt, fg	brown	20	leaf	2 to 3	3	1	340	mix A-B horizon, moderately compact
AEM7-A10	54592	404085	5401840	sand/til, mg	light grey	20	leaf	2 to 3	3	N/A	N/A	mostly A horizon, moderately compact
AEM7-A11	54593	404110	5401840	silt, fg	light brown	20	leaf	2 to 3	3	N/A	N/A	mix A-B horizon, 5% rubble
AEM7-A12	54594	404135	5401840	silt, fg	l. grey/brown	25	leaf	2 to 3	3	1	110	moderately compact, 5% rubble
AEM7-A13	54595	404160	5401840	silt/sand, fg-mg	grey	20	leaf	3	2 to 3	2	100	A horizon, compact
AEM7-A14	54596	404192	5401840	silt/sand, fg-mg	light brown	20	MIX	3	2	0 to 1	100	

Anomaly ID	AEM7
Line	B
Departure	403900E 5401670N
Arrival	404200E 5401670N
Sampler(s)	LL, ML, JC
Date	Jul-30-05

REAL DEPARTURE AND ARRIVAL
Departure: 403890E / 5401707N
Arrival: 404200E / 5401670N
Going East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM7-B1	54582	403890	5401707	sand, mg	red brown	20	MIX	2 to 3	3	0 to 1	170	mix A-B horizon
AEM7-B2	54581	403916	5401704	sand, mg	red brown	20	MIX	2	3	1	200	B horizon, 5% rubble
AEM7-B3	54580	403942	5401701	sand, mg	red brown	20	MIX	2	3	1	200	B horizon, 5% rubble
AEM7-B4	54579	403968	5401698	sand, mg	red brown	20	MIX	2	3	1	200	B horizon
AEM7-B5	54578	403994	5401695	sand, mg	red brown	20	MIX	2	3	1	180	B horizon
AEM7-B6	54577	404020	5401692	sand, mg	red brown	20	spruce-jackpine	2	3	1	170	B horizon
AEM7-B7	54576	404046	5401689	sand/til, mg	red brown	20	spruce-jackpine	2	3	1	190	B horizon, 10% rubble
AEM7-B8*	54575	404046	5401689	sand/til, mg	red brown	20	spruce-jackpine	2	3	1	150	B horizon, 10% rubble
AEM7-B9	54574	404072	5401686	silt/sand, fg-mg	l. grey/brown	20	spruce-jackpine	2	3	1	150	B horizon
AEM7-B10	54573	404098	5401683	silt/sand, fg-mg	red brown	20	spruce-jackpine	2	3	1	150	B horizon
AEM7-B11	54572	404124	5401680	silt/sand, fg-mg	red brown	20	MIX	3	3	1	150	B horizon
AEM7-B12	54571	404150	5401677	silt/sand, fg-mg	red brown	25	MIX	3	3	0 to 1	150	B horizon
AEM7-B13	54570	404176	5401674	silt, fg	l. grey/brown	40	MIX	3	3	0 to 1	150	soft to moderately compact
AEM7-B14	54569	404200	5401670	clay, vfg	light grey	30	MIX	3	3	0 to 1	150	compact, dry

Anomaly ID	**AEM 10**
Line	**A**
Departure	**402200E/5393300N**
Arrival	**402575E/5393300**
Sampler(s)	**Jennifer & Leo**
Date	**Sept. 16, 2005**

REAL DEPARTURE AND ARRIVAL
Departure: 402207 E/ 5393314 N
Arrival: 402575 E/ 5393266 N

*Line modified due to bad bush/ground condtions (went from start of line A to end of line B)

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 10-A1	N/A	402207	5393314	Deep Org & H_20	Black	80	Cedar & Spr	2	0	0	N/A	Test Hole
AEM 10-A2	N/A	402238	5393310	Deep Org & H_20	Black	60	Cedar & Spr	2	0	0	N/A	Test Hole
AEM 10-A3	N/A	402268	5393306	Deep Org & H_20	Black	60	Cedar & Spr	2	0	0	N/A	Test Hole
AEM 10-A4	N/A	402299	5393302	Deep Org & H_20	Black	60	Cedar & Spr	2	0	0	N/A	Test Hole
AEM 10-A5	97143	402330	5393298	Deep Org	Black	45	Cedar & Spr	2	0-1	0	N/A	Begin sampling organic material
AEM 10-A6	97144	402360	5393294	Deep Org & H_20	Black	45	Cedar & Spr	2	0	0	N/A	Partially decomp. wood in sample
AEM 10-A7	97145	402391	5393290	Deep Org	Black	45	Cedar & Spr	2	1	0	N/A	Partially decomp. wood in sample
AEM 10-A8	97146	402391	5393290	Deep Org	Black	45	Cedar & Spr	2	1	0	N/A	Partially decomp. wood in sample
AEM 10-A9	97147	402422	5393286	Deep Org & H_20	Black	55	Cedar & Spr	2	0	0	N/A	Partially decomp. wood in sample
AEM 10-A10	97148	402452	5393282	Deep Org	Black	50	Cedar & Spr	2	0-1	0	N/A	Partially decomp. wood in sample
AEM 10-A11	97149	402483	5393278	Deep Org	Black	50	Cedar & Spr	2	1	0	N/A	Partially decomp. wood in sample
AEM 10-A12	97150	402514	5393274	Deep Org	Black	45	Cedar & Spr	2	1	0	N/A	Partially decomp. wood in sample
AEM 10-A13	97151	402544	5393270	Deep Org	Black	45	Cedar & Spr	2	1	0	N/A	Partially decomp. wood in sample
AEM 10-A14	97152	402575	5393266	Deep Org	Black	45	Cedar & Spr	2	1	0	N/A	Partially decomp. wood in sample

Anomaly ID	AEM 11
Line	A
Departure	400342E/5393871N
Arrival	400667E/5393876N
Sampler(s)	Michel & Marty
Date	Sept. 17, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 400342 E/ 5393871 N
Arrival: 400667 E/ 5393876 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 11-A1	97166	400342	5393871	Coarse Sand	Grey	25	Mix	3	2	0	N/A	
AEM 11-A2	97165	400369	5393871	Coarse Sand	Brown	25	Mix	3	2	0	N/A	
AEM 11-A3	97164	400396	5393872	Fine Sand	Brown	25	Mix	2	2	0	N/A	
AEM 11-A4	97163	400423	5393872	Fine Sand	Brown	35	Spruce	2	2	0	N/A	
AEM 11-A5	97162	400450	5393873	Fine Sand	Reddish Brown	30	Spruce	2	3	0	N/A	Top of B-Horizon
AEM 11-A6	97161	400477	5393873	Fine Sand	Reddish Brown	30	Spruce	2	2	0	N/A	Top of B-Horizon
AEM 11-A7	97160	400505	5393874	Fine Sand	Brown	30	Spruce	2	2	0	N/A	Local Boulders
AEM 11-A8*	97159	400505	5393874	Fine Sand	Brown	30	Spruce	2	2	0	N/A	Local Boulders
AEM 11-A9	97158	400532	5393874	Fine Sand	Grey-Brown	30	Spruce	2	2	0	N/A	Top of B-Horizon
AEM 11-A10	97157	400559	5393874	Fine Sand	Brown-Red	30	Spruce	2	3	0	N/A	B-Horizon
AEM 11-A11	97156	400586	5393875	Fine Sand	Grey	25	Pine & Spr	2	3	0	N/A	B-Horizon
AEM 11-A12	97155	400613	5393875	Fine Sand	Red	20	Pine	2	3	1	40	
AEM 11-A13	97154	400640	5393876	Sand	Reddish Brown	25	Pine	2	3	1	340	
AEM 11-A14	97153	400667	5393876	Fine Sand	Grey	25	Pine	2	3	0	N/A	B-Horizon

Anomaly ID	AEM 11
Line	B
Departure	400400E/5393778N
Arrival	400706E/5393791N
Sampler(s)	Michel & Marty
Date	Sept. 17, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 400400 E/ 5393778 N
Arrival: 400706 E/ 5393791 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 11-B1	97167	400400	5393778	Sand & Rubble	Dark Grey	25	Mix	2	3	0	N/A	
AEM 11-B2	97168	400426	5393779	Sand	Grey	25	Mix	2	3	0	N/A	
AEM 11-B3	97169	400451	5393780	Sand	Brown-Grey	25	Mix	2	3	0	N/A	
AEM 11-B4	97170	400477	5393781	Sand	Reddish-Brown	25	Pine	2	3	1	45	Top of B-Horizon, Compact
AEM 11-B5	97196	400502	5393782	Sand	Reddish-Brown	25	Pine	2	3	1	45	B-Horizon
AEM 11-B6	97197	400528	5393783	Sand	Reddish-Brown	25	Pine	3	3	0	N/A	B-Horizon
AEM 11-B7	97198	400553	5393784	Sand	Light Brown	25	Mix	2	2	0	N/A	
AEM 11-B8*	97199	400553	5393784	Sand	Light Brown	25	Mix	2	2	0	N/A	
AEM 11-B9	97200	400579	5393785	Sand	Light Brown	30	Spruce	2	2	0	N/A	
AEM 11-B10	97201	400604	5393786	Sand	Grey	25	Spruce	2	2	0	N/A	
AEM 11-B11	97202	400630	5393787	Sand	Grey	25	Spruce	2	2	0	N/A	Sample taken from under overturned tree
AEM 11-B12	97203	400655	5393788	Sand	Grey	30	Spruce	3	2	0	N/A	
AEM 11-B13	97204	400681	5393789	Sand	Grey	40	Spruce	3	1	0	N/A	
AEM 11-B14	97205	400706	5393791	Sand & Boulder	Grey	35	Spruce	3	2	0	N/A	

Anomaly ID	AEM 11
Line	C
Departure	400470 E/ 5393640 N
Arrival	400770 E/ 5393640 N
Sampler(s)	Jennifer & Marty
Date	Sept. 17, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 400460 E/ 5393637 N
Arrival: 400774 E/ 5393635 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 11-C1	97221	400460	5393637	Sandy	Light Grey/Bwn	40	Leaf & Spr	2	3	0	N/A	
AEM 11-C2	97222	400486	5393637	Sand	Brown	50	Leaf & Spr	1-2	3	0	N/A	Layered:Black-Sand-Black again
AEM 11-C3	97223	400512	5393637	Sand	Light Brown	30	Spr & Leaf	2	3	0	N/A	
AEM 11-C4	97224	400539	5393637	Sand	Light Brown	35	Spr & Leaf	1-2	3	0	N/A	
AEM 11-C5	97225	400565	5393636	Sand	Light Brown	35	Spr & Leaf	1-2	3	0	N/A	
AEM 11-C6	97226	400591	5393636	Sand	Light Brown	25	Spr & Leaf	2	3	0	N/A	
AEM 11-C7	97227	400617	5393636	Sand	Light Brown	35	Spr & Leaf	1-2	3	0	N/A	
AEM 11-C8*	97228	400617	5393636	Sand	Light Brown	35	Spr & Leaf	1-2	3	0	N/A	
AEM 11-C9	97229	400643	5393636	Sand	Light Brown	30	Spr & Leaf	1-2	3	0	N/A	
AEM 11-C10	97230	400669	5393636	Clay	Light Brown	35	Spr & Leaf	2	3	0	N/A	
AEM 11-C11	97231	400696	5393636	Sand	Light Brown	35	Spr & Leaf	1-2	3	0	N/A	
AEM 11-C12	97232	400722	5393635	Sand & Pebbles	Red	20	Spr & Leaf	1-2	3	0	N/A	Lots of Pebbles in the sample
AEM 11-C13	97233	400748	5393635	Sand	Red	30	Spr & Leaf	2	3	0	N/A	
AEM 11-C14	97234	400774	5393635	Sand	Red	30	Spr & Leaf	1-2	3	0	N/A	

Anomaly ID	**AEM 11**
Line	**D**
Departure	**400840 E/ 5393570 N**
Arrival	**400540 E/ 5393570 N**
Sampler(s)	**Jennifer & Marty**
Date	**Sept. 17, 2005**

REAL DEPARTURE AND ARRIVAL
Departure: 400544E/5393571N
Arrival: 400846 E/ 5393586 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 11-D1	97220	400544	5393571	Sand	Light Brown	35	Spr & Leaf	2	3	0	N/A	
AEM 11-D2	97219	400569	5393572	Sand	Light Grey	35	Leaf & Sp	1-2	3	0	N/A	
AEM 11-D3	97218	400594	5393574	Sand	Light Brown	35	Leaf & Sp	2	3	0	N/A	
AEM 11-D4	97217	400620	5393575	Sand (minor clay)	Light Brown	40	Spr & Leaf	2	3	0	N/A	
AEM 11-D5	97216	400645	5393576	Clay-Sand	Light Bwn/Grey	45	Spr & Leaf	1-2	3	0	N/A	
AEM 11-D6	97215	400670	5393577	Sand	Light Brown	40	Spr & Leaf	1-2	3	0	N/A	
AEM 11-D7	97214	400695	5393579	Sand	Light Brown	35	Spr & Leaf	2	3	0	N/A	
AEM 11-D8*	97213	400695	5393579	Sand	Light Brown	35	Spr & Leaf	2	3	0	N/A	
AEM 11-D9	97212	400720	5393580	Sand	Light Brown	35	Spr & Tam	2	3	0	N/A	
AEM 11-D10	97211	400745	5393581	Sand	Light Brown	35	Spr & Leaf	2	3	0	N/A	
AEM 11-D11	97210	400771	5393582	Sand	Red-Brown	35	Spr & Leaf	1-2	3	0	N/A	
AEM 11-D12	97209	400796	5393584	Sand	Red-Brown	35	Spr & Leaf	2	3	0	N/A	
AEM 11-D13	97208	400821	5393585	Sand	Red	35	Spruce	2	3	0	N/A	
AEM 11-D14	97207	400846	5393586	Sand	Red-Brown	40	Spruce	2	3	0	N/A	

Anomaly ID	AEM 12
Line	A
Departure	401300 E/ 5392965 N
Arrival	401600 E/ 5392965 N
Sampler(s)	Michel & Marty
Date	Sept. 16, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 401300 E/ 5392965 N
Arrival: 401598 E/ 5392961 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 12-A1	97184	401300	5392965	Clay-Sand	Brown	30	Mix	2	3	1	80	Some Boulders
AEM 12-A2	97183	401325	5392965	Sand	Light Brown	30	Mix	2	3	1	90	Some Boulders
AEM 12-A3	97182	401350	5392964	Sand	Light Brown	35	Mix	2	2	0	N/A	Some Boulders
AEM 12-A4	97181	401375	5392964	Sand	Brown	30	Mix	2	3	0	N/A	Many Boulders
AEM 12-A5	97180	401399	5392964	Clay	Grey	40	Mix	2	2	1	90	Many Boulders
AEM 12-A6	97179	401424	5392963	Clay	Dark Grey	40	Mix	2	2	0	N/A	Percolation of Ao noted
AEM 12-A7	97178	401449	5392963	Sand	Brown	30	Mix	2	3	1	90	B-Horizon
AEM 12-A8*	97177	401449	5392963	Sand	Brown	30	Mix	2	3	1	90	B-Horizon
AEM 12-A9	97176	401474	5392963	Sand	Reddish Brown	30	Mix	2	2	1	90	B-Horizon
AEM 12-A10	97175	401499	5392962	Till	Grey/Brown	30	Mix	2	2	1	90	Glacial Till & Boulders
AEM 12-A11	97174	401524	5392962	Deep Organic	Black	35	Spruce	2	2	0	N/A	Moderately decomposed deep organics
AEM 12-A12	97173	401548	5392962	Deep Organic	Black	35	Spruce	2	1	0	N/A	Poorly decomposed deep organic material
AEM 12-A13	97172	401573	5392961	Deep Organic	Black	35	Spruce	2	1	0	N/A	Poorly decomposed deep organic material
AEM 12-A14	97171	401598	5392961	Deep Organic	Black	45	Spruce	2	1	0	N/A	Poorly decomposed deep organic material

Anomaly ID	AEM 12
Line	B
Departure	401260 E/ 5392880 N
Arrival	401560 E/ 5392880 N
Sampler(s)	Michel & Marty
Date	Sept. 16, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 401250 E/ 5392888 N
Arrival: 401472 E/ 5392912N

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM 12-B1	97185	401250	5392888	Sand	Grey	20	Mix	2	3	1	140	Some Boulders
AEM 12-B2	97186	401275	5392891	Sand	Brown	20	Mix	2	3	1	150	B-Horizon
AEM 12-B3	97187	401299	5392893	Sand	Brown	20	Mix	2	3	1	120	Many Boulders, B-Horizon
AEM 12-B4	97188	401324	5392896	Sand	Brown	20	Mix	2	3	2	140	B-Horizon
AEM 12-B5	97189	401349	5392899	Sand	Brown	20	Mix	2	3	2	140	Rounded Boulders, B-Horizon
AEM 12-B6	97190	401373	5392901	Sand	Brown	20	Mix	2	3	1	130	
AEM 12-B7	97191	401398	5392904	Sand	Brown	20	Mix	2	3	2	100	B-Horizon
AEM 12-B8	97192	401398	5392904	Sand	Brown	20	Mix	2	3	2	100	B-Horizon
AEM 12-B9	97193	401423	5392907	Sand	Brown	20	Mix	2	3	1	120	B-Horizon & pebbles
AEM 12-B10	97194	401447	5392909	Sand	Brown	20	Mix	2	3	1	100	Reddich colored B-Horizon
AEM 12-B11	97195	401472	5392912	Deep Organic	Black	40	Spruce	2	1	0	N/A	Poorly decomposed org. Mat.
AEM 12-B12	Discarded											Deep organic material
AEM 12-B13												
AEM 12-B14												

Anomaly ID	AEM15
Line	A
Departure	397190E 5387000N
Arrival	397366E 5387245N
Sampler(s)	LL, MM
Date	Aug-03-05

REAL DEPARTURE AND ARRIVAL
Departure: L4+50W / 1+50S: 397210E / 5387048N
Arrival: L4+50W / 1+50N: 397405E / 5387281N
Going North East: 040

Sample ID	Sample no	Location		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM15-A1	54671	397210	5387048	clay, vfg	grey	35	spruce-aulder	3	1	N/A	N/A	DOM, wet
AEM15-A2	54672	397226	5387067	sand, cg	red brown	35	spruce-aulder	3	3	N/A	N/A	B horizon, dry
AEM15-A3	54673	397242	5387086	sand, cg	red brown	35	spruce-aulder	2	3	N/A	N/A	B horizon, dry
AEM15-A4	54674	397258	5387105	sand, cg	red brown	35	spruce-aulder	2	3	N/A	N/A	B horizon, dry
AEM15-A5	54675	397274	5387124	sand, cg	red brown	35	spruce-aulder	2	3	N/A	N/A	B horizon, dry
AEM15-A6	54676	397290	5387143	sand, cg	red brown	35	spruce-aulder	2	3	N/A	N/A	B horizon, dry
AEM15-A7	54677	397306	5387162	sand, cg	grey-brown	35	cedar	2 to 3	2 to 3	N/A	N/A	damp
AEM15-A8*	54678	397306	5387162	sand, cg	grey-brown	35	cedar	2 to 3	2 to 3	N/A	N/A	damp
AEM15-A9	54679	397322	5387182	clay, vfg	grey	35	cedar	2	1	N/A	N/A	wet, water logged
AEM15-A10	54680	397338	5387202	clay, vfg	light brown	40	cedar	2 to 3	1 to 2	N/A	N/A	DOM, damp
AEM15-A11	54681	397354	5387222	clay, vfg	light brown	45	cedar	2 to 3	1 to 2	N/A	N/A	DOM, damp
AEM15-A12	54682	397370	5387242	clay, vfg	light grey	40	spruce-aulder	3	2	N/A	N/A	DOM, damp
AEM15-A13	54683	397386	5387262	clay, vfg	light brown	45	spruce-cedar	3	2	N/A	N/A	DOM, damp
AEM15-A14	54684	397405	5387281	silt, fg	light brown	45	spruce-cedar	3	2	N/A	N/A	DOM, damp

Anomaly ID	AEM15
Line	B
Departure	397111E 5387054N
Arrival	397284E 5387303N
Sampler(s)	LL, MM
Date	Aug-03-05

REAL DEPARTURE AND ARRIVAL
Departure: L 5+50W / 1+50S : 397135E / 5387119N
Arrival: L5+50W / 1+50N: 397331E / 5387350N
Going North East

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM15-B1	54698	397135	5387119	silt, mg	light brown	45	spruce	2 to 3	2	N/A	N/A	DOM, B horizon
AEM15-B2	54697	397151	5387138	silt, mg	red brown	25	spruce	2 to 3	2	N/A	N/A	DOM, B horizon
AEM15-B3	54696	397167	5387157	sand, cg	red brown	25	spruce	2 to 3	2	N/A	N/A	DOM, B horizon
AEM15-B4	54695	397183	5387176	sand, cg	red brown	25	spruce	2 to 3	2	N/A	N/A	DOM, B horizon
AEM15-B5	54694	397199	5387195	sand, cg	red brown	25	spruce	2 to 3	2	N/A	N/A	DOM, B horizon
AEM15-B6	54693	397215	5387214	sand, cg	red brown	40	spruce	2 to 3	1 to 2	N/A	N/A	DOM, B horizon, damp, swamp-area
AEM15-B7	54692	397231	5387233	clay/silt, fg	dark grey	35	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet, some organic pieces contained
AEM15-B8*	54691	397231	5387233	clay/silt, fg	light brown	40	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet
AEM15-B9	54690	397250	5387252	clay/silt, fg	light brown	60	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet
AEM15-B10	54689	397269	5387271	clay, vfg	light brown	55	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet
AEM15-B11	54688	397288	5387290	silt, fg	light brown	45	MIX	2 to 3	1 to 2	N/A	N/A	DOM, damp
AEM15-B12	54687	397307	5387309	clay, vfg	light brown	45	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet
AEM15-B13	54686	397326	5387328	clay, vfg	light brown	45	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet
AEM15-B14	54685	397331	5387350	clay, vfg	light brown	45	MIX	2 to 3	1 to 2	N/A	N/A	DOM, wet

Anomaly ID	AEM 14
Line	B
Departure	398560 E/ 5391160 N
Arrival	398350 E/ 5391370 N
Sampler(s)	Jennifer & Leo
Date	Sept. 15, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 398557 E/ 5391154 N
Arrival: 398342 E/ 5391366 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 14-B1	97128	398557	5391154	Sandy-Clay	Tan/Light Bwn	25	Spr & Leaf	2	3	0	N/A	Compact, some small pebbles
AEM 14-B2	97127	398539	5391172	Sandy-Clay	Light Grey	20	Spr & Leaf	2	3	0	N/A	Compact, angular boulders (4-6in) in size
AEM 14-B3	97126	398521	5391189	Sandy-Clay	Light Grey	20	Spr & Leaf	2	3	0	N/A	Compact, angular boulders (4-6in) in size
AEM 14-B4	97125	398503	5391207	Sandy-Clay	Light Brown	25	Spruce	2	3	0	N/A	Top of B-horizon
AEM 14-B5	97124	398485	5391225	Sandy-Clay	Light Brown	20	Spr & Leaf	2	3	0	N/A	Top of B-horizon, some small pebbles
AEM 14-B6	97123	398467	5391242	Sandy-Clay	Light Brown	20	Spr & Leaf	2	3	0	N/A	Compact
AEM 14-B7	97122	398450	5391260	Sand	Reddish Brown	25	Spruce	2	3	0	N/A	Top of B-horizon
AEM 14-B8*	97121	398450	5391260	Sand	Reddish Brown	25	Spruce	2	3	0	N/A	Top of B-horizon
AEM 14-B9	97120	398432	5391278	Sandy-Clay	Light Bwn/Grey	25	Spr & Pop	2	3	0	N/A	Top of B-horizon, some small pebbles
AEM 14-B10	97119	398414	5391295	Clay	Light Brown	15	Spr & Leaf	2	3	0	N/A	
AEM 14-B11	97118	398396	5391313	Clay	Dark Brown	15	Spr & Leaf	2	3	0	N/A	
AEM 14-B12	97117	398378	5391331	Clay	Light Brown	15	Needle & Leaf	2	3	0	N/A	Compact
AEM 14-B13	97116	398360	5391348	Clay	Light Brown	15	Needle & Leaf	2	3	0	N/A	Compact
AEM 14-B14	97115	398342	5391366	Clay	Light Brown	15	Needle & Leaf	2	3	0	N/A	Compact

Anomaly ID	AEM 14
Line	A
Departure	398530 E/ 5391085 N
Arrival	398320 E/ 5391300 N
Sampler(s)	Jennifer & Leo
Date	Sept. 15, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 398525 E/ 5391089 N
Arrival: 398331 E/ 5391308 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 14-A1	97129	398525	5391091	Sandy-Clay	Light Brown	20	Spr & Leaf	2	3	0	N/A	Compact
AEM 14-A2	97130	398509	5391109	Sandy-Clay	Light Brown	25	Spr & Leaf	2	3	0	N/A	Compact
AEM 14-A3	97131	398493	5391127	Sandy-Clay	Light Bwn/Grey	25	Spr & Leaf	2	3	0	N/A	Top of B-Horizon, minor pebbles
AEM 14-A4	97132	398477	5391145	Sandy-Clay	Light Bwn/Grey	25	Spr & Leaf	2	3	0	N/A	
AEM 14-A5	97133	398460	5391163	Sandy-Clay	Light Brown	20	Spr & Leaf	2	3	0	N/A	
AEM 14-A6	97134	398444	5391181	Sandy-Clay	Light Bwn/Grey	25	Spr & Leaf	2	3	0	N/A	Top of B-Horizon
AEM 14-A7	97135	398428	5391200	Sandy-Clay	Light Bwn/Grey	20	Leaf & Spr	2	3	0	N/A	Compact
AEM 14-A8*	97136	398428	5391200	Sandy-Clay	Light Bwn/Grey	20	Leaf & Spr	2	3	0	N/A	Compact
AEM 14-A9	97137	398412	5391218	Clay	Light Brown	20	Spr & Leaf	2	2	0	N/A	Damp
AEM 14-A10	97138	398396	5391236	Clay	Light Brown	20	Leaf & Spr	2	3	0	N/A	Very compact
AEM 14-A11	97139	398380	5391254	Clay-Sandy	Light Brown	20	Leaf & Spr	2	3	0	N/A	Compact, some pebbles
AEM 14-A12	97140	398363	5391272	Clay	Light Brown	45	Spr & Leaf	2	2	0	N/A	Damp
AEM 14-A13	97141	398347	5391290	Clay	Light Brown	20	Spr & Leaf	2	3	0	N/A	Compact
AEM 14-A14	97142	398331	5391308	Clay-Sandy	Light Brown	20	Leaf & Spr	2	3	0	N/A	

Anomaly ID	AEM 14
Line	C
Departure	398640 E/ 5391200 N
Arrival	398420 E/ 5391410 N
Sampler(s)	Michel & Marty
Date	Sept. 15, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 398622 E/ 5391204 N
Arrival: 398428 E/ 5391414 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM 14-C1	97087	398622	5391204	Fine	Black	30	Spruce	2	3	0	N/A	Deep Organic Material
AEM 14-C2	97088	398606	5391222	Fine	Black	50	Spruce	2	3	0	N/A	Deep Organic Material
AEM 14-C3	97089	398590	5391239	Sand	Brown	35	Spruce	2	2	0	N/A	
AEM 14-C4	97090	398574	5391257	Clay-Sand	Grey	25	Pine	2	1	0	N/A	
AEM 14-C5	97091	398558	5391274	Till	Grey	20	Pine	2	1	0	N/A	
AEM 14-C6	97092	398542	5391292	Sandy-Clay	Grey	25	Pine	2	1	0	N/A	
AEM 14-C7	97093	398526	5391309	Sand	Light Brown	25	Pine	2	1	0	N/A	
AEM 14-C8*	97094	398526	5391309	Sand	Light Brown	25	Pine	2	1	0	N/A	
AEM 14-C9	97095	398510	5391327	Sandy-Clay	Grey	25	Pine	2	1	0	N/A	
AEM 14-C10	97096	398494	5391344	Sand	Brown	25	Pine	2	1	0	N/A	
AEM 14-C11	97097	398478	5391362	Sandy-Clay	Grey	25	Pine & Auld	3	2	0	N/A	
AEM 14-C12	97098	398462	5391379	Clay	Brown	30	Pine & Auld	3	2	0	N/A	
AEM 14-C13	97099	398446	5391397	Clay	Grey/Brown	30	Aulder	3	2	0	N/A	
AEM 14-C14	97100	398428	5391414	Clay	Brown/Grey	45	Aulder	3	2	0	N/A	

Anomaly ID	AEM 14
Line	D
Departure	398740 E/ 5391180 N
Arrival	398530 E/ 5391400 N
Sampler(s)	Jennifer & Marty
Date	Sept. 17, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 398754E/ 5391189 N
Arrival: 398532 E/ 5391391 N

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente
ID	no	East	North	size	color	depth	type	density			Direction
AEM 14-D1	97101	398754	5391189	Fine	Black	35	Spruce	2	1	0	N/A
AEM 14-D2	97102	398736	5391206	Fine	Black	30	Spruce	2	1	0	N/A
AEM 14-D3	97103	398717	5391223	Fine	Black	30	Spruce	2	1	0	N/A
AEM 14-D4	97104	398699	5391240	Clay	Grey/Brown	45	Spruce	2	1	0	N/A
AEM 14-D5	97105	398680	5391257	Fine	Black	40	Spruce	2	1	0	N/A
AEM 14-D6	97106	398662	5391274	Fine	Black	40	Spruce	2	1	0	N/A
AEM 14-D7	97107	398643	5391291	Fine	Black	40	Spruce	2	1	0	N/A
AEM 14-D8*	97108	398643	5391291	Fine	Black	40	Spruce	2	1	0	N/A
AEM 14-D9	97109	398625	5391308	Clay-Sand	Light Brown	40	Spruce	2	2	0	N/A
AEM 14-D10	97110	398606	5391325	Clay-Sand	Grey	40	Pine	2	2	0	N/A
AEM 14-D11	97111	398588	5391342	Clay-Sand	Grey	35	Pine	2	2	0	N/A
AEM 14-D12	97112	398569	5391359	Sand	Dark Grey	35	Pine	3	3	0	N/A
AEM 14-D13	97113	398551	5391376	Sand	Grey	35	Pine	3	3	0	N/A
AEM 14-D14	97114	398532	5391391	Sand	Grey	25	Pine	3	3	0	N/A

Anomaly ID	AEM16
Line	A
Departure	397660E 5385607N
Arrival	397660E 5385907N
Sampler(s)	LL MM
Date	Aug-02 05

REAL DEPARTURE AND ARRIVAL
Departure: (L9E / 100S) 397656E / 5385567N
Arrival: (L9E / 200N) 397663E / 5385862N
Going: North

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM16-A1	54643	397656	5385567	F (sandy silt)	Light gray-brown	35	jack pine	2	3	0	0	B horizon
AEM16-A2	54644	397657	5385592	F (sandy silt)	Red brown	35	jack pine	2	3	0	0	B horizon
AEM16-A3	54645	397658	5385617	VF (silty clay)	light gray	35	JP, logged	0	3	0	0	B horizon
AEM16-A4	54646	397659	5385642	VF (silty clay)	light gray	35	JP, EP	0	2 to 3	0	0	Damp, logged
AEM16-A5	54647	397660	5385667	VF (silty clay)	light gray	35	EP, aulder	0	2	0	0	Damp, logged
AEM16-A6	54648	397661	5385692	VF (silty clay)	light gray	35	EP, aulder	0	2	0	0	Wet, logged
AEM16-A7	54649	397662	5385717	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A8*	54650	397662	5385717	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A9	54651	397662	5385741	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A10	54652	397662	5385765	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A11	54653	397662	5385789	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A12	54654	397663	5385813	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A13	54655	397663	5385837	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged
AEM16-A14	54656	397663	5385862	VF (silty clay)	light gray	35	EP, aulder, logged	0	0	0	0	Wet, logged

Anomaly ID	AEM16
Line	B
Departure	397960E 5385610N
Arrival	397960E 5385910N
Sampler(s)	LL MM
Date	Aug-02 05

REAL DEPARTURE AND ARRIVAL
Departure: (L 12E / 100S) 397940E / 5385543N
Arrival: (L12E / 200N) 397982E / 5385843N
Going: North

Sample ID	Sample no	Location		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM16-B1	54657	397940	5385543	VF (Clay-silt)	Light gray	35	Ep, aulder	2	3	0	0	Good
AEM16-B2	54658	397943	5385568	VF (Clay-silt)	Light gr-brownish	35	Ep, aulder	2	2 to 3	0	0	Damp, Spongy
AEM16-B3	54659	397946	5385593	VF (Clay-silt)	Light gr-brownish	35	Ep, JP	2	2 to 3	0	0	Damp, Spongy, Deep Org. Mat.(DOM)
AEM16-B4	54660	397949	5385618	VF (Clay-silt)	Light gr-brownish	35	Ep, Pop	2	2	0	0	Damp, Spongy
AEM16-B5	54661	397952	5385643	VF (Clay-silt)	Light rown	35	Ep, Pop	2	2	0	0	Damp, Spongy
AEM16-B6	54662	397955	5385668	VF (Clay-silt)	Light rown	35	Ep	2	2	0	0	Damp, Spongy
AEM16-B7	54663	397958	5385693	VF (Clay-silt)	Light rown	35	Ep	2	2	0	0	Damp, Spongy
AEM16-B8*	54664	397958	5385693	VF (Clay-silt)	Light rown	35	Ep	2	2	0	0	Damp, Spongy
AEM16-B9	54665	397962	5385718	VF (Clay-silt)	Light rown	35	Ep	2 to 3	2	0	0	Damp, Spongy
AEM16-B10	54666	397966	5385743	VF (Clay-silt)	Light rown	35	Ep	2 to 3	2	0	0	Damp, Spongy
AEM16-B11	54667	397970	5385768	VF (Clay-silt)	Light rown	40-45	Ep	2 to 3	2	0	0	wet, Spongy, DOM
AEM16-B12	54668	397974	5385793	VF (Clay-silt)	Light rown	40-45	Ep	2 to 3	2	0	0	wet, Spongy, DOM
AEM16-B13	54669	397978	5385818	VF (Clay-silt)	Light rown	40-45	Ep	2 to 3	2	0	0	wet, Spongy, DOM
AEM16-B14	54670	397982	5385843	VF (Clay-silt)	Light rown	40	Ep	2 to 3	2	0	0	wet, Spongy, DOM

Anomaly ID	AEM16
Line	C
Departure	397260E 5385510N
Arrival	397260E 5385810N
Sampler(s)	JC LL
Date	Aug-02-05

REAL DEPARTURE AND ARRIVAL
Departure: (L5E / 200S) 397251E / 5385582N (+ - 7)
Arrival: (L5E / 100N) 397265E / 5385884N (+ - 10)
Going: North On Grid

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM16-C1	54914	397251	5385582	Sand, F	Red brown (RB)	20	Spruce	1 to 2	1 to 2	N/A	N/A	B horizon, logged
AEM16-C2	54913	397252	5385607	Sand, F	RB	20	Spruce	1 to 2	1 to 2	N/A	N/A	B horizon, logged
AEM16-C3	54912	397253	5385632	Silt/Sand, F	Light brown (LB)	35	Spruce	1 to 2	1	N/A	N/A	logged
AEM16-C4	54911	397254	5385657	Silt/Sand, F	LB	35	Spruce	1 to 2	1	N/A	N/A	
AEM16-C5	54910	397255	5385682	Sand, F	LB-LG	30	Spruce	1 to 2	1 to 2	N/A	N/A	Base Line 500E
AEM16-C6	54909	397256	5385707	Sand, F	LG	30	Spruce	1 to 2	1 to 2	N/A	N/A	
AEM16-C7	54908	397257	5385732	Silt/Sand, F	LB-LG	25	Spruce	1 to 2	1 to 2	N/A	N/A	Swamp, Skidder Tracks
AEM16-C8*	54907	397257	5385732	Silt/Sand, F	LG-LB	25	Spruce	1 to 2	1 to 2	N/A	N/A	Swamp, Skidder Tracks
AEM16-C9	54906	397258	5385757	Clay/Silt, VF	LG-LB	30	Spruce	1 to 2	1 to 2	N/A	N/A	Swamp, Skidder Tracks
AEM16-C10	54905	397259	5385782	Clay/Silt, VF	LG-LB	30	Spruce, aulder	1 to 2	1 to 2	N/A	N/A	Swamp
AEM16-C11	54904	397260	5385807	Clay/Silt, VF	G-RB	35	Spruce	2	1 to 2	N/A	N/A	Poorly Dev. B horizon, logged
AEM16-C12	54903	397261	5385832	Clay/Silt, VF	G-RB	30	Spruce, logged	1	1 to 2	N/A	N/A	Poorly Dev. B horizon, logged
AEM16-C13	54902	397262	5385857	Clay/Silt, VF	G-RB	35	Spruce, logged	1	1 to 2	N/A	N/A	Poorly Dev. B horizon, logged
AEM16-C14	54901	397265	5385884	Clay/Silt, VF	G-RB	30	Spruce, logged	1	1	N/A	N/A	Mod. Compact, logged

Anomaly ID	AEM20
Line	A
Departure	406800E / 5380625N
Arrival	406800E / 5380925N
Sampler(s)	LL, MM, JC
Date	Aug-09-05

REAL DEPARTURE AND ARRIVAL
Departure: 406800E / 5380625N (+ - 5)
Arrival: 406800E / 5380925N (+ - 8)
Going North

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM20-A1	54752	406800	5380625	sand fg-mg	light brown	35	MIX	3	3	N/A	N/A	dry
AEM20-A2	54753	406800	5380650	sand fg-mg	light brown	35	MIX	3	3	N/A	N/A	dry
AEM20-A3	54754	406800	5380675	sand/clay, fg	yellow brown	35	MIX	3	1 to 2	N/A	N/A	wet
AEM20-A4	54755	406800	5380700	sand/clay, fg	yellow brown	35	MIX	2	1	N/A	N/A	wet
AEM20-A5	54756	406800	5380725	sand fg-mg	yellow brown	35	MIX	2	2	N/A	N/A	damp
AEM20-A6	54757	406800	5380750	sand fg-mg	light brown	35	MIX	3	3	N/A	N/A	dry
AEM20-A7	54758	406800	5380775	sand fg-mg	light brown	35	MIX	3	2	N/A	N/A	damp
AEM20-A8*	54759	406800	5380775	sand fg-mg	light brown	35	MIX	3	2	N/A	N/A	damp
AEM20-A9	54760	406800	5380800	sand fg-mg	yellow brown	40	MIX	3	2	N/A	N/A	damp
AEM20-A10	54761	406800	5380825	sand mg	dark gray	35	MIX	2	2	N/A	N/A	dry
AEM20-A11	54762	406800	5380850	sand mg	light brown	40	spruce	2	2	N/A	N/A	dry, DOM (25cm)
AEM20-A12	54763	406800	5380875	clay	dark brown	45	MIX	2	2	N/A	N/A	damp, DOM(35cm)
AEM20-A13	54764	406800	5380900	clay	brown	45	MIX	2	2	N/A	N/A	damp,.DOM(35cm)
AEM20-A14	54765	406800	5380925	clay	yellow brown	45	spruce	2	2	N/A	N/A	damp,.DOM(35cm)

Anomaly ID	AEM20
Line	B
Departure	406900E / 5380690N
Arrival	406900E / 5380990N
Sampler(s)	LL, MM, JC
Date	Aug-09-05

REAL DEPARTURE AND ARRIVAL
Departure: 406899E / 5380689N (+ - 8)
Arrival: 406900E / 5380990N
Going North

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM20-B1	54779	406900	5380690	sand, fg-mg	light brown	20	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B2	54778	406900	5380715	sand, fg-mg	light brown	20	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B3	54777	406900	5380740	sand, fg-mg	light brown	20	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B4	54776	406900	5380765	sand, fg-mg	light brown	20	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B5	54775	406900	5380790	sand, fg-mg	yellow brown	25	spruce, aulder	3	3	N/A	N/A	dry-damp
AEM20-B6	54774	406900	5380815	sand, fg-mg	yellow brown	25	spruce, aulder	3	2 to 3	N/A	N/A	damp
AEM20-B7	54773	406900	5380840	sand/clay, fg-mg	yellow brown	25	spruce, aulder	3	2 to 3	N/A	N/A	damp
AEM20-B8*	54772	406900	5380840	sand/clay, fg-mg	yellow brown	25	spruce, aulder	3	2 to 3	N/A	N/A	damp
AEM20-B9	54771	406900	5380865	sand, fg-mg	light brown	20	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B10	54770	406900	5380890	sand, fg-mg	light brown	25	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B11	54769	406900	5380915	sand, fg-mg	brown	35	spruce, aulder	3	3	N/A	N/A	dry
AEM20-B12	54768	406900	5380940	sand, fg-mg	brown	45	spruce	3	3	N/A	N/A	dry
AEM20-B13	54767	406900	5380965	sand, fg-mg	brown	45	spruce	3	3	N/A	N/A	dry
AEM20-B14	54766	406900	5380990	sand, fg-mg	gre brown	45	spruce, aulder	3	3	N/A	N/A	dry

Anomaly ID	AEM21
Line	A
Departure	406525E / 5379620N
Arrival	406525N / 5379920N
Sampler(s)	ML, JC
Date	Aug-08-05

REAL DEPARTURE AND ARRIVAL
Departure: 406525E / 5379622N (+ - 6)
Arrival: 406550E / 5379921N (+ - 9)
Going North

NOTE: Line done in 2 separate sections due to river intersecting original line between sample no A6 and A7

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM21-A1	54959	406525	5379620	clay/silt, vfg	med. Grey	15	Poplar	3	3	N/A	N/A	compact
AEM21-A2	54960	406525	5379645	clay/silt, vfg	brown	25	Poplar	1	2	N/A	N/A	compact, sample taken in moose bed
AEM21-A3	54961	406525	5379670	silt,/sand, fg	brown	20	Poplar	2 to 3	2	N/A	N/A	moderately compact
AEM21-A4	54962	406525	5379695	silt,/sand, fg	brown	20	MIX	2 to 3	3	2	290	moderately compact
AEM21-A5	54963	406525	5379720	silt,/sand, fg	brown	20	balsm	2	3	2	290	
AEM21-A6	54964	406525	5379745	clay, vfg	light grey	20	MIX	2	3	2	290	sample taken on animal trail, 406527E / 537965N, river: 10m N
AEM21-A7	54965	406550	5379770	clay, vfg	brown	25	balsm	2	3	3	250	sample taken 25m E of orginal line, 406564E / 5379776N
AEM21-A8*	54966	406550	5379770	clay, vfg	brown	20	balsm	2	3	3	250	sample taken 25m E of orginal line, 406564E / 5379776N
AEM21-A9	54967	406550	5379795	clay/silt, vfg	yellow brown	25	balsm	2	3	2	250	
AEM21-A10	54968	406550	5379820	clay/silt, vfg	brown	25	balsm	2	3	2	260	
AEM21-A11	54969	406550	5379845	clay/silt, vfg	dark brown	40	balsm	2	3	2	260	sample taken within a 25m proximity of river
AEM21-A12	54970	406550	5379870	clay/silt, vfg	yellow brown	40	balsm	2	3	2	260	sample taken within a 25m proximity of river
AEM21-A13	54971	406550	5379895	silt, fg	brown	30	spruce	2	3	1	260	sample taken within a 25m proximity of river
AEM21-A14	54972	406550	5379921	clay, vfg	brown	30	balsm	2	3	2	260	compact,sample taken within a 25m proximity of river

Anomaly ID	AEM21
Line	B
Departure	407114E / 5379945N
Arrival	407114E / 5380245N
Sampler(s)	LL, MM
Date	Aug-08-05

REAL DEPARTURE AND ARRIVAL
Departure: 407114E / 5379945N (+ - 2)
Arrival: 407114E / 5380245N (+ - 7)
Going North

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM21-B1	54738	407114	5379945	clay, vfg	light brown	45	spruce, aulder	2 to 3	3	N/A	N/A	damp
AEM21-B2	54739	407114	5379970	clay, vfg	light brown	35	spruce, aulder	2 to 3	3	N/A	N/A	damp, moderately compact
AEM21-B3	54740	407114	5379995	clay, vfg	light brown	35	spruce, aulder	2 to 3	3	N/A	N/A	damp, moderately compact
AEM21-B4	54741	407114	5380020	clay, vfg	light brown	45	spruce, aulder	2 to 3	3	N/A	N/A	damp, DOM
AEM21-B5	54742	407114	5380045	clay, vfg	light brown	55	spruce, aulder	2	3	N/A	N/A	damp, DOM
AEM21-B6	54743	407114	5380070	clay, vfg	l.grey-brown	45	spruce, aulder	2	2 to 3	N/A	N/A	damp, DOM
AEM21-B7	54744	407114	5380095	clay, vfg	light brown	45	spruce, aulder	2 to 3	2 to 3	N/A	N/A	spongy, damp, DOM
AEM21-B8*	54745	407114	5380095	clay, vfg	light brown	45	spruce, aulder	2 to 3	2 to 3	N/A	N/A	spongy, damp, DOM
AEM21-B9	54746	407114	5380120	clay, vfg	light brown	35	spruce, aulder	2 to 3	2 to 3	N/A	N/A	damp, shallow sampling
AEM21-B10	54747	407114	5380145	clay, vfg	light brown	40	spruce, aulder	2 to 3	2 to 3	N/A	N/A	damp
AEM21-B11	54748	407114	5380170	clay, vfg	light brown	40	spruce, aulder	2 to 3	3	N/A	N/A	damp
AEM21-B12	54749	407114	5380195	sand, fg	light brown	30	spruce, logged	0	3	N/A	N/A	damp
AEM21-B13	54750	407114	5380220	sand, fg	light brown	30	poplar, logged	0	3	N/A	N/A	damp
AEM21-B14	54751	407114	5380245	sand, fg	light brown	30	poplar, logged	0	3	N/A	N/A	damp

Anomaly ID	AEM22
Line	A
Departure	406295E / 5379167N
Arrival	406295E / 5379472N
Sampler(s)	LL MM
Date	Aug-04-05

REAL DEPARTURE AND ARRIVAL
Departure: 406290E / 5379170N
Arrival: 406291E / 5379486N
Going North

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM22-A1	54699	406290	5379170	Clay, F	LB	45	EP aulder	2 to 3	2	N/A	N/A	Logged
AEM22-A2	54700	406290	5379196	Clay, F	LB	35	EP	2 to 3	2 to 3	N/A	N/A	Damp, DOM
AEM22-A3	54701	406290	5379222	Clay, F	LB	30	EP	2 to 3	2 to 3	N/A	N/A	Damp, DOM
AEM22-A4	54702	406291	5379248	Clay, F	LB	25	EP	2 to 3	2 to 3	N/A	N/A	Damp, DOM
AEM22-A5	54703	406291	5379274	Clay, F	LB	25	EP aulder	3	2 to 3	N/A	N/A	Damp, DOM
AEM22-A6	54704	406291	5379300	Clay, F	LB	30	EP Pop	2 to 3	3	N/A	N/A	Dry, compact
AEM22-A7	54705	406292	5379326	Clay, F	LB	25	Pop EP	2	3	N/A	N/A	Dry, compact
AEM22-A8*	54706	406292	5379326	Clay, F	LB	25	Pop EP	2	3	N/A	N/A	Dry, compact, DOM, Claim Line N
AEM22-A9	54707	406292	5379352	Clay, F	LB	25	Pop	2	3	N/A	N/A	Dry, compact, Claim Line N
AEM22-A10	54708	406293	5379378	Clay, F	LB	25	Pop EP	2	3	N/A	N/A	Dry, compact
AEM22-A11	54709	406293	5379404	Clay, F	LB	30	Pop aulder	2	3	N/A	N/A	Dry, compact
AEM22-A12	54710	406294	5379430	Clay, F	LB	20	aulder Pop	2 to 3	3	N/A	N/A	Dry, compact, thin OM
AEM22-A13	54711	406294	5379456	Clay, F	LB	20	EP Pop	2 to 3	3	N/A	N/A	Dry, compact, thin OM
AEM22-A14	54712	406295	5379486	Clay, F	LB	25	Ep Pop	2 to 3	3	N/A	N/A	Dry, compact, Claim Post

Anomaly ID	AEM22
Line	B
Departure	406065E / 5379172N
Arrival	406065E / 5379472N
Sampler(s)	ML JC
Date	Aug-04-05

REAL DEPARTURE AND ARRIVAL
Departure: 406065E / 5379172N
Arrival: 406077E / 5379475N
Going North

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM22-B1	54915	406065	5379172	sand, mg	RB	20	MIX	2 to 3	3	1 to 2	360	B horizon
AEM22-B2	54916	406066	5379197	silt, vfg	G-LB	20	MIX	2 to 3	3	1	180	compact
AEM22-B3	54917	406067	5379222	silt/sand, fg	G-B	25	MIX	2	3	N/A	N/A	mod. compact
AEM22-B4	54918	406068	5379247	silt/sand, fg	G-B	20	MIX	2	3	N/A	N/A	compact, mixed B horizon & grey sand
AEM22-B5	54919	406069	5379272	silt, vfg	G-RB	30	MIX	2 to 3	3	N/A	N/A	maybe some organic material contained
AEM22-B6	54920	406070	5379297	silt/sand, fg	dark G	25	MIX	1 to 2	3	N/A	N/A	very compact
AEM22-B7	54921	406071	5379322	silt/clay, vfg	G-LB	25	MIX	2	2	N/A	N/A	compact
AEM22-B8*	54922	406071	5379322	silt/clay, vfg	LB	25	MIX	2	2	N/A	N/A	compact
AEM22-B9	54923	406072	5379346	clay, vfg	LB	30	MIX	3	1 to 2	N/A	N/A	compact
AEM22-B10	54924	406073	5379370	clay, vfg	LB	45	MIX	3	1 to 2	N/A	N/A	DOM (30cm), compact (damp)
AEM22-B11	54925	406074	5379394	clay, vfg	LB	45	Spruce	3	1	N/A	N/A	DOM (30cm), compact (wet)
AEM22-B12	54926	406075	5379418	silt	LB	40	Spruce	3	1	N/A	N/A	DOM (25cm), compact (wet)
AEM22-B13	54927	407076	5379442	silt	LB	45	Spruce	3	1	N/A	N/A	DOM (30cm), compact (damp)
AEM22-B14	54928	406077	5379472	silt	LB	35	Spruce	3	1	N/A	N/A	DOM (20cm), compact (damp)

Anomaly ID	AEM23
Line	A
Departure	406788E / 5378489N
Arrival	406637E / 5378745N
Sampler(s)	
Date	

REAL DEPARTURE AND ARRIVAL
Departure:
Arrival:
Going NW-SE (N150)

Sample ID	Sample no	Localisation		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM23-A1	54873	406788	5378489	v.f. (clay)	LB	70	spruce, aulder	2	2	0	N/A	
AEM23-A2	54872	406776	5378510	v.f. (clay)	LB	60	spruce, aulder	2	2	0	N/A	
AEM23-A3	54871	406764	5378531	v.f. (clay)	LB	45	spruce, aulder	2	2	0	N/A	
AEM23-A4	54870	406752	5378552	v.f. (clay)	Brown	50	spruce, aulder	2	2	0	N/A	
AEM23-A5	54869	406740	5378573	v.f. (clay)	Brown	65	spruce, aulder	2	2	0	N/A	
AEM23-A6	54868	406728	5378594	v.f. (clay)	Gray	35	spruce, aulder	1	2	0	N/A	
AEM23-A7	54867	406716	5378615	v.f. (clay)	LB	75	spruce, aulder	3	2	0	N/A	
AEM23-A8*	54866	406716	5378615	v.f. (clay)	black	45	spruce, aulder	3	2	0	N/A	
AEM23-A9	54865	406703	5378636	v.f. (clay)	LB	70	spruce, aulder	1	2	0	N/A	
AEM23-A10	54864	406690	5378657	v.f. (clay)	LB	70	spruce, aulder	1	2	0	N/A	
AEM23-B11	54730	406677	5378678	clay, vfg	yellow brown	20	spruce, aulder	1	2	0	N/A	sample taken from side of ditch
AEM23-B12	54729	406664	5378699	clay, vfg	yellow brown	50	spruce, aulder	3	2	0	N/A	Org.(40cm), well decomposed Ao
AEM23-B13	54728	406651	5378720	clay, vfg	yellow brown	75	spruce, aulder	3	2	0	N/A	Org.(60cm), well decomposed Ao
AEM23-B14	54727	406637	5378745	clay, vfg	yellow brown	60	spruce, aulder	3	2	0	N/A	Org.(50cm), well decomposed Ao

Anomaly ID	AEM23
Line	B (deviation from Line A)
Departure	406788E / 5378489N
Arrival	406637E / 5378745N
Sampler(s)	ML, MM, JC
Date	Aug-07-05

REAL DEPARTURE AND ARRIVAL
Departure: 406626E / 5378534N (AEM23 B4)
Arrival: 406637E / 5378745N
Going N150

Discard for bad direction

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM23-B4	54737	406626	5378534	organic	black	65	spruce, aulder	3	1	N/A	N/A	DOM(50cm), poorly developed Ao, wood pieces
AEM23-B5	54736	406627	5378555	clay, vfg	green grey	65	spruce, aulder	3	2	N/A	N/A	DOM(50cm), poorly developed Ao
AEM23-B6	54735	406628	5378576	clay, vfg	green grey	50	spruce, aulder	3	2	N/A	N/A	DOM(35cm), well decomposed Ao
AEM23-B7	54734	406629	5378597	organic	black	40	asberries,aulde	3	2	N/A	N/A	DOM(40cm), well decomposed Ao, same hole as B8
AEM23-B8	54733	406630	5378618	clay, vfg	yellow brown	60	asberries,aulde	3	2	N/A	N/A	DOM(40cm), well decomposed Ao, same hole as B7
AEM23-B9	54732	406631	5378639	clay, vfg	yellow brown	60	spruce, aulder	3	1	N/A	N/A	DOM(40cm), well decomposed Ao
AEM23-B10	54731	406632	5378660	clay, vfg	yellow brown	70	spruce, aulder	2	2	N/A	N/A	sample taken 10m from edge of road

Anomaly ID	AEM24
Line	A
Departure	411260E / 5381957N
Arrival	410960E / 5381957N
Sampler(s)	JG MM LL
Date	11-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 411254E 5381958N
Arrival: 410961E 5381961N
Going West (W250)

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM24-A1	54780	411254	5381958	Fine Clay	L. brown	60	alder	3	2	0	NA	damp
AEM24-A2	54781	411228	5381958	Fine Clay	L. brown	50	spruce	2	2	0	NA	damp
AEM24-A3	54782	411201	5381958	Fine Clay	L. brown	50	spruce	2	2	0	NA	damp hip chain (claim line?)
AEM24-A4	54783	411172	5381958	Fine Clay	L. brown	50	spruce	2	2	0	NA	damp DOM
AEM24-A5	54784	411156	5381958	Fine Clay	L. brown	50	spruce	2	2	0	NA	damp DOM
AEM24-A6	54785	411134	5381958	Fine Clay	L. brown	35	spruce	2	3	0	NA	Dry, cut line <338
AEM24-A7	54786	411106	5381958	Fine Clay	L. brown	60	spruce	2	3	0	NA	Dry DOM
AEM24-A8*	54787	411106	5381958	Fine Clay	L. brown	60	spruce	2	3	0	NA	Dry DOM
AEM24-A9	54788	411081	5381958	Fine Clay	L. brown	70	spruce	2	3	0	NA	Dry DOM
AEM24-A10	54789	411060	5381958	Fine Clay	L. brown	40	spruce	2	3	0	NA	damp
AEM24-A11	54790	411035	5381958	Fine Clay	L. brown	50	spruce	2	3	0	NA	damp DOM
AEM24-A12	54791	411009	5381958	Fine Clay	L. brown	45	spruce	2	3	0	NA	damp
AEM24-A13	54792	410972	5381958	Fine Clay	L. brown	35	spruce	2	3	0	NA	damp
AEM24-A14	54793	410961	5381961	Fine Clay	L. brown	30	spruce	2	3	0	NA	damp

Anomaly ID	AEM24
Line	B
Departure	411375E / 5382100N
Arrival	411075E / 5382100N
Sampler(s)	JG MM LL
Date	11-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 411387 E 5382102 N
Arrival: 411079E 5382103N
Going West

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM24-B1	54807	411387	5382102	Sandy clay	L.Grey	30	Spruce	2	3	0	0	Dry old cut line, 30m circle of ribbons
AEM24-B2	54806	411360	5382100	sandy clay	Grey	30	Spruce	2	2	1	W	Dry 20m from dry creek
AEM24-B3	54805	411329	5382100	sandy clay	L.Brown	25	Spruce / Tamarack	2	2	0	NA	
AEM24-B4	54804	411326	5382100	clay	L.Brown	30	Spruce / Tamarack	2	2	0	NA	
AEM24-B5	54803	411465	5382100	clay w/pebbles	L.Brown	45	Spruce / Tamarack	2	2	0	NA	
AEM24-B6	54802	411268	5382100	clay	L.Brown	60	Spruce / Tamarack	2	2	0	NA	
AEM24-B7	54801	411243	5382100	Organic	Black	45	Spruce / Tamarack	2	2	0	NA	
AEM24-B8*	54800	411243	5382100	clay	Grey	75	Spruce / Tamarack	2	2	0	NA	
AEM24-B9	54799	411221	5382100	clay	Grey	70	Spruce / Tamarack	2	2	0	NA	
AEM24-B10	54798	411197	5382100	Organic	Black	45	Spruce / Tamarack	(1-2)	3	0	NA	
AEM24-B11	54797	411170	5382100	Organic	Black	45	Spruce / Tamarack	(1-2)	3	0	NA	
AEM24-B12	54796	411137	5382100	Organic	Black	45	Spruce / Tamarack	(1-2)	3	0	NA	
AEM24-B13	54795	411101	5382100	Organic	Black	45	Spruce / Tamarack	(1-2)	3	0	NA	
AEM24-B14	54794	411079	5382103	Organic	Black	45	Spruce / Tamarack	(1-2)	3	0	NA	

Anomaly ID	AEM24
Line	C
Departure	411380E / 5382320N
Arrival	411080E / 5382320N
Sampler(s)	LL, MM
Date	08-Sep-05

REAL DEPARTURE AND ARRIVAL
Departure: 411075E / 5382315
Arrival: 411387E / 5382326N
Going East

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM24-C1	97009	411075	5382315	Clay	LB	50	Aulders	3	2	0	NA	
AEM24-C2	97010	411101	5382316	Clay	LB	45	Aulders	3	2	0	NA	Lots of ribbons
AEM24-C3	97011	411127	5382317	Clay	LB	45	Aulders	3	2	0	NA	Lots of ribbons
AEM24-C4	97012	411153	5382318	Clay	LB	40	Spruce	2	2	0	NA	
AEM24-C5	97013	411179	5382319	Clay	LB	40	Spruce	2	2	0	NA	On old line (160N)
AEM24-C6	97014	411205	5382320	Clay	LB	30	Spruce	2	2	0	NA	
AEM24-C7	97015	411231	5382321	Clay	LB	30	Spruce/poplar	2	3	0	NA	Hard compact and dry
AEM24-C8*	97016	411231	5382321	Clay	LB	30	Spruce/poplar	2	3	0	NA	Hard compact and dry
AEM24-C9	97017	411257	5382322	Clay	LB	30	Spruce/poplar	2	3	0	NA	Hard compact and dry
AEM24-C10	97018	411283	5382323	Clay	LB	20	Poplar/spruce	1 to 2	3	0	NA	Hard compact and dry
AEM24-C11	97019	411309	5382324	Clay	LB	20	Poplar/spruce	1 to 2	3	0	NA	Hard compact and dry
AEM24-C12	97020	411335	5382325	Clay	LB	20	Poplar/spruce	1 to 2	3	0	NA	Hard compact and dry
AEM24-C13	97021	411361	5382326	Clay	LB	20	Poplar/spruce	1 to 2	3	0	NA	Hard compact and dry
AEM24-C14	97022	411387	5382326	Clay	LB	25	Poplar/spruce	2	2	0	NA	

Anomaly ID	AEM25
Line	A
Departure	411545E / 5383420N
Arrival	411260E / 5383300N
Sampler(s)	JS LL MM
Date	13-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure:411545E 5383420N
Arrival: 411254E 5383296N
Going SW

Sample ID	Sample no	Localisation		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM25-A1	54836	411545	5383420	clay	L.Brown	60	mixed	3	2	0	NA	
AEM25-A2	54837	411521	5383410	clay	L.Brown &grey	50	mixed	3	2	0	NA	
AEM25-A3	54838	411497	5383400	clay	L.Brown	75	mixed	3	2	0	NA	
AEM25-A4	54839	411473	5383390	clay	L.Brown	45	mixed	3	2	0	NA	
AEM25-A5	54840	411449	5383380	clay	L.Brown	50	mixed	2	2	0	NA	
AEM25-A6	54841	411425	5383370	clay	L.Brown	45	mixed	2	2	0	NA	
AEM25-A7	54842	411401	5383360	DOM soil	Black	60	mixed	2	2 or 3	0	NA	
AEM25-A8*	54843	411401	5383360	clay	L.Brown	75	mixed	2	2	0	NA	
AEM25-A9	54844	411377	5383350	clay	L.Grey	75	mixed	2	2	0	NA	
AEM25-A10	54845	411353	5383340	DOM soil	Black	65	mixed	2	2	0	NA	
AEM25-A11	54846	411329	5383330	clay	L.Brown &grey	80	mixed	2	2	0	NA	
AEM25-A12	54847	411305	5383320	clay	L.Brown &grey	75	mixed	2	2	0	NA	
AEM25-A13	54848	411281	5383310	clay	L.Brown	65	mixed	2	2	0	NA	
AEM25-A14	54849	411254	5383296	clay	L.Grey	60	mixed	2	2	0	NA	

Anomaly ID	AEM25
Line	B
Departure	411600E / 5383375N
Arrival	411325E / 5383250N
Sampler(s)	JS LL MM
Date	13-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 411615E 5383345N
Arrival: 411325E 5383250N
Going SW

Sample ID	Sample no	Localisation		Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM25-B1	54863	411615	5383345	clay	grey	35	mixed	3	2	0	NA	
AEM25-B2	54862	411591	5383337	clay	brown	40	mixed	2	2	0	NA	
AEM25-B3	54861	411567	5383329	clay	l.brown	30	mixed / logged	1	2	0	NA	
AEM25-B4	54860	411543	5383321	clay	l.brown	50	mixed / logged	1	2	0	NA	
AEM25-B5	54859	411519	5383313	clay	l.brown	45	mixed / logged	1	2	0	NA	
AEM25-B6	54858	411495	5383305	clay	l.brown	50	mixed / logged	1	2	0	NA	
AEM25-B7	54857	411471	5383297	clay	l.brown & grey	50	mixed / logged	1	2	0	NA	
AEM25-B8*	54856	411471	5383297	clay	l.brown	65	mixed / logged	1	2	0	NA	
AEM25-B9	54855	411447	5383289	clay	l.brown	50	mixed	3	2	0	NA	
AEM25-B10	54854	411423	5383281	clay	l.brown	45	mixed	2.5	2	0	NA	
AEM25-B11	54853	411399	5383273	clay	l.brown	60	mixed	2	2	0	NA	
AEM25-B12	54852	411375	5383265	Soil	l.brown	50	logged	2	2	0	NA	
AEM25-B13	54851	411351	5383257	clay	Black	50	logged	2	2	0	NA	
AEM25-B14	54850	411325	5383250	clay	l.brown	60	logged	2	2	0	NA	

Anomaly ID	AEM25
Line	C
Departure	411400E / 5383425N
Arrival	411400E / 5383725N
Sampler(s)	LL, MM
Date	07-Sep-05

REAL DEPARTURE AND ARRIVAL
Departure: 411405E / 5383440N
Arrival: 411401E / 5383752N
Going: North

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM25-C1	98236	411405	5383444	Clay	LB	30	Pop/spruce	2	3	0	NA	Hard
AEM25-C2	98237	411405	5383470	Clay	LB	30	Pop/spruce	2	3	0	NA	Hard compact
AEM25-C3	98238	411405	5383495	Clay	LB	35	Pop/spruce	2	3	0	NA	Hard compact
AEM25-C4	98239	411405	5383521	Clay	LB	30	Pop/spruce	2	3	0	NA	Hard compact
AEM25-C5	98240	411405	5383546	Clay	LB	30	Pop/spruce	2	3	0	NA	Hard
AEM25-C6	98241	411405	5383572	Clay	LB	35	Pop/spruce	2	3	0	NA	Hard compact
AEM25-C7	98242	411404	5383597	Clay	LB	35	Spruce/aulders	2 to 3	3	0	NA	
AEM25-C8*	98243	411404	5383597	Clay	LB	40	Spruce/aulders	2 to 3	1	0	NA	
AEM25-C9	98244	411404	5383623	Clay	LB	45	Spruce/aulders	2 to 3	1	0	NA	
AEM25-C10	98245	411404	5383648	Clay	LB	45	Spruce/aulders	2 to 3	1	0	NA	
AEM25-C11	98246	411404	5383674	Clay	Dark brown	50	Spruce/aulders	2 to 3	2	0	NA	Dry, Org. (compact)
AEM25-C12	98247	411403	5383699	Clay	LB	50	Spruce/aulders	2 to 3	2	0	NA	Damp
AEM25-C13	98248	411403	5383725	Organic	BLK	45	Spruce/aulders	2 to 3	2	0	NA	
AEM25-C14	98249	411403	5383750	Organic	BLK	45	Spruce/aulders	2	2	0	NA	

Anomaly ID	**AEM26**
Line	**A**
Departure	**412300E / 5383575N**
Arrival	**412300E / 5384100N**
Sampler(s)	**LL, MM**
Date	**sep 07,2005**

REAL DEPARTURE AND ARRIVAL
Departure: 412300E / 5383573N
Arrival: 412306E / 5384107N
Going North

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM26-A1	54808	412300	5383573	Dry Clay	L.grey	25	spruce+poplar	1	3	0	NA	very hard dry
AEM26-A2	54809	412300	5383600	Dry Clay	L.grey	25	spruce+poplar	1	3	0	NA	very hard dry
AEM26-A3	54810	412300	5383627	Dry Clay	L.grey	35	spruce+poplar	1	3	1	NNE	very hard dry
AEM26-A4	54811	412300	5383654	Dry Clay	L.Brown	30	spruce+poplar	1	3	1	SSW	very hard dry
AEM26-A5	54812	412300	5383681	Dry Clay	L.Brown	45	spruce+poplar	1	3	0	NA	damp
AEM26-A6	54813	412301	5383708	Clay Fine sand	L.Brown	40	spruce+poplar	1	3	0	NA	dry
AEM26-A7	54814	412301	5383735	Sandy clay	L.Brown	45	spruce+poplar	1	3	0	NA	dry
AEM26-A8*	54815	412301	5383735	Clay	L.Brown	45	spruce+poplar	1	3	0	NA	dry
AEM26-A9	54816	412301	5383762	Clay	L.Brown	45	spruce+poplar	1	3	0	NA	dry compact
AEM26-A10	54817	412302	5383789	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	dry compact
AEM26-A11	54818	412302	5383816	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	Dry 30m from dozer plie
AEM26-A12	54819	412302	5383843	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	perturbed, beside pile
AEM26-A13	54820	412302	5383870	Clay Sand	L.Brown	45	spruce+poplar	1	3	0	NA	20m from road, dry compact
AEM26-A14	54821	412303	5383897	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	avoid road, dry compact
AEM26-A15	97000	412303	5383924	sandy/clay	L.Brown	30	spruce+poplar	1	3	0	NA	dry compact
AEM26-A16	97001	412303	5383951	sandy/clay	L.Brown	25	spruce+poplar	1	3	0	NA	logged area
AEM26-A17	97002	412304	5383978	sandy/clay	L.Brown	30	spruce+poplar	1	3	0	NA	logged area
AEM26-A18*	97003	412304	5383978	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	logged area
AEM26-A19	97004	412304	5384006	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	hard
AEM26-A20	97005	412304	5384034	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	hard
AEM26-A21	97006	412305	5384062	Clay	L.Brown	30	spruce+poplar	1	2	0	NA	hard damp
AEM26-A22	97007	412305	5384090	Clay	L.Brown	30	spruce+poplar	1	2	0	NA	hard damp
AEM26-A23	97008	412306	5384107	Clay	L.Brown	30	spruce+poplar	1	3	0	NA	hard

Anomaly ID	**AEM26**
Line	**B**
Departure	**412410E / 5383575N**
Arrival	**412410E / 5384100N**
Sampler(s)	**LL, MM**
Date	**08-Sep-05**

REAL DEPARTURE AND ARRIVAL
Departure: 412390E / 5383573N
Arrival: 412415E / 5384098N
Going North

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM26-B1	54835	412390	5383573	Clay	L.Brown	30	Spruce+poplar	1	3	2	NE	Dry
AEM26-B2	54834	412391	5383599	Clay	L.Brown	35	Spruce+poplar	1	3	3	NNE	Dry
AEM26-B3	54833	412392	5383625	Clay	D.&L.Brown	45	Spruce+poplar	1	3	2.5	SSW	Dry
AEM26-B4	54832	412393	5383651	Clay	D.&L.Brown	25	Spruce+poplar	1	3	2	SSW	Dry
AEM26-B5	54831	412394	5383677	Clay	D.&L.Brown	30	Spruce+poplar	1	3	0	NA	Dry
AEM26-B6	54830	412395	5383703	Clay	D.&L.Brown	35	Spruce+poplar	1	3	0	NA	Dry
AEM26-B7	54829	412396	5383729	Clay Sand	D.&L.Brown	35	Spruce+poplar	1	3	3	S	Dry Compact
AEM26-B8*	54828	412396	5383729	Clay Sand	D.&L.Brown	30	Spruce+poplar	1	3	3	S	Dry Compact
AEM26-B9	54827	412397	5383755	Clay	D.Brown	40	Spruce+poplar	1	3	1	S	Dry Compact
AEM26-B10	54826	412398	5383781	Clay	L.Brown	60	Spruce+poplar	1	3	0	NA	Dry
AEM26-B11	54825	412399	5383807	Clay	L.Brown	35	Spruce+poplar	1	3	3	SSW	Dry Compact
AEM26-B12	54824	412400	5383833	Clay Sand	L.Brown	40	Spruce+poplar	1	3	3	SSW	Dry
AEM26-B13	54823	412401	5383859	Clay Sand	L.Brown	30	Spruce+poplar	1	3	5	SEE	Dry Compact
AEM26-B14	54822	412402	5383885	Clay	L.Brown	40	Spruce+poplar	1	3	0	NA	Dry Compact
AEM26-B15	97023	412403	5383911	Clay+sand	L.Brown	25	Spruce+poplar	1	3	0	NA	
AEM26-B16	97024	412404	5383937	Clay+sand	L.Brown	20	Spruce+poplar	1	3	0	NA	
AEM26-B17	97025	412405	5383963	Clay+sand	L.Brown	20	Spruce+poplar	1	3	0	NA	Dry and compact, road
AEM26-B18*	97026	412405	5383963	Clay+sand	L.Brown	20	Spruce+poplar	1	3	1	S	Dry and compact, road
AEM26-B19	97027	412406	5383989	Clay+sand	L.Brown	35	Spruce+poplar	1	3	1	S	
AEM26-B20	97028	412407	5384015	Clay+sand	L.Brown	35	Spruce+poplar	1	3	1	S	
AEM26-B21	97029	412408	5384041	Clay+sand	L.Brown	35	Spruce+poplar	1	3	0	NA	
AEM26-B22	97030	412409	5384067	Clay+sand	L.Brown	30	Spruce+poplar	1	3	0	NA	
AEM26-B23	97031	412415	5384098	Clay+sand	L.Brown	30	Spruce+poplar	1	3	0	NA	

Anomaly ID	AEM27
Line	A
Departure	413730E 5385275N
Arrival	413530E / 5385500N
Sampler(s)	LL MM
Date	31-Aug-05

REAL DEPARTURE AND ARRIVAL	
Departure:413737E	5385261N
Arrival:413542E	5385504N
Going: 318 NW	

Sample ID	Sample no	Location East	Location North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM27-A1	98158	413737	5385261	Clay	L.Brn	50	EP Mix	2	2	0	0	Logged
AEM27-A2	98159	413719	5385281	Clay	L.Brn	50	EP Mix	2 / logged	1	0	0	Logged
AEM27-A3	98160	413701	5385301	Clay	L.Brn	50	EP Mix	2 / logged	1	0	0	Logged
AEM27-A4	98161	413683	5385321	Clay	L.Brn	50	EP Mix	2 / logged	1	0	0	Logged
AEM27-A5	98162	413665	5385341	Clay	L.Brn / grey	50	EP Mix	2 / logged	2	0	0	Logged
AEM27-A6	98163	413647	5385361	Clay	L.Brn	50	EP Mix	2 / logged	2	0	0	Logged
AEM27-A7	98164	413629	5385381	Clay	L.Brn	45	EP Mix	2 / logged	2	0	0	Logged
AEM27-A8*	98165	413629	5385381	Clay	L.Brn	45	EP Mix	2 / logged	2	0	0	Logged (duplicate of 7)
AEM27-A9	98166	413612	5385401	Clay	L.Brn	45	EP Mix	2 / logged	2	0	0	Logged
AEM27-A10	98167	413595	5385421	Clay	L.Brn / grey	45	EP Mix	2 / logged	2	0	0	Logged
AEM27-A11	98168	413578	5385441	Clay	L.Brn	45	EP Mix	2 / logged	(1-2)	0	0	Logged
AEM27-A12	98169	413561	5385461	Clay	L.Brn	40	EP Mix	2 / logged	(1-2)	0	0	Logged
AEM27-A13	98170	413544	5385481	Clay	L.Brn	45	EP Mix	2 / logged	(1-2)	0	0	Logged
AEM27-A14	98171	413524	5385504	Clay	L.Brn	45	EP Mix	2 / logged	(1-2)	0	0	Logged

Anomaly ID	AEM27
Line	B
Departure	413870E / 5385450N
Arrival	413670E / 5385670N
Sampler(s)	LL MM
Date	31-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 413878E / 5385416N
Arrival: 413671E / 5385669N
Going: NW

Sample	Sample	Location		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	P
ID	no	East	North	size	color	depth	type	density			Dir
AEM27-B1	98185	413878	5385416	Organic	Blk	55	Spruce/logged	1to2	1	0	
AEM27-B2	98184	413861	5385437	Organic	Blk	55	Spruce/logged	1to2	1	0	
AEM27-B3	98183	413844	5385458	Organic	Blk	50	Spruce/logged	1to2	1	0	
AEM27-B4	98182	413827	5385479	Clay	L brown	55	Spruce/logged	1to2	1	0	
AEM27-B5	98181	413810	5385500	Clay	L brown	55	Spruce/logged	1to2	1	0	
AEM27-B6	98180	413793	5385521	Clay	L brown	55	Spruce/logged	1to2	1	0	
AEM27-B7	98179	413776	5385542	Clay	L brown	50	Spruce/logged	1to2	1	0	
AEM27-B8*	98178	413776	5385542	Clay	L brown	50	Spruce/logged	1to2	1	0	
AEM27-B9	98177	413759	5385563	Clay	L brown	50	Spruce/logged	1to2	2	0	
AEM27-B10	98176	413742	5385584	Clay	L brown	50	Spruce/logged	1to2	2	0	
AEM27-B11	98175	413725	5385605	Clay	L brown	50	Spruce/logged	2	2	0	
AEM27-B12	98174	413708	5385626	Clay	L brown	50	Spruce/logged	2	2	0	
AEM27-B13	98173	413691	5385647	Clay	L brown	50	Spruce/logged	2	2	0	
AEM27-B14	98172	413671	5385669	Clay	L brown	45	Spruce/logged	2	2	0	

Anomaly ID	AEM28
Line	A
Departure	414975E 5385310N
Arrival	414760E / 5385525N
Sampler(s)	LL MM
Date	aug 31 / 2005

REAL DEPARTURE AND ARRIVAL	
Departure: 414991E 5385344N	L13S 0+50E
Arrival: 424785E 5385562N	L13S 2+50W
Going: 140SE	

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM28-A1	98143	414991	5385344	clay	lb/gr	30	ep logged	2	2	0	0	Damp /logged
AEM28-A2	98142	414976	5385366	clay	lb	30	ep poplar	(2-3)	2	(0-1)	op of 140	Damp
AEM28-A3	98141	414950	5385382	clay	lb	30	ep poplar	(2-3)	(0-1)	(0-1)	140	Damp next to ditch / Rd. Base Line
AEM28-A4	98140	414936	5385409	clay	lb/gr	40	ep poplar	(2-3)	(0-1)	0	0	Damp next to ditch / Rd. (0+25)w 10m
AEM28-A5	98139	414921	5385421	clay	lb/gr	40	ep poplar	(2-3)	(0-1)	0	0	
AEM28-A6	98138	414904	5385437	clay	lb/gr	40	ep poplar	(2-3)	(0-1)	0	0	
AEM28-A7	98137	414887	5385459	clay	lb	40	ep poplar	(2-3)	(0-1)	0	0	
AEM28-A8*	98136	414888	5385459	clay	lb	50	ep poplar	(2-3)	(1-2)	0	0	
AEM28-A9	98135	414873	5385470	clay	lb	50	ep poplar	(2-3)	(1-2)	0	0	
AEM28-A10	98134	414836	5385488	clay	lb	50	ep poplar	(2-3)	(1-2)	0	0	
AEM28-A11	98133	414836	5385508	clay	lb	50	ep poplar	(2-3)	(0-1)	0	0	
AEM28-A12	98132	414820	5385527	clay	lb	50	ep poplar	(2-3)	(0-1)	0	0	
AEM28-A13	98131	414805	5385543	clay	lb	55	ep poplar	(2-3)	(0-1)	0	0	
AEM28-A14	98130	414785	5385562	clay	gr	50	ep logged	2	(0-1)	0	0	

Anomaly ID	AEM28
Line	B
Departure	415210E / 5385395N
Arrival	415000E / 5385605N
Sampler(s)	LL MM
Date	31 august, 2005

REAL DEPARTURE AND ARRIVAL	
Departure: 415224E 5385393N	L11S/175E
Arrival: 415021E 5385605N	L11S/125W
Going: 320	

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM28-B1	98144	415224	5385393	DOM	BLK	45	EP alder	Logged	1	0	0	L115 1+75
AEM28-B2	98145	415200	5385416	DOM	BLK	45	EP alder	Logged	1	0	0	L115 1+50
AEM28-B3	98146	415190	5385432	Fine clay	Grey	45	EP alder	(2-3)	1	0	0	L115 1+25
AEM28-B4	98147	415172	5385450	Fine clay	Grey	50	EP alder	(2-3)	1	0	0	L115 1+00
AEM28-B5	98148	415155	5385468	Fine clay	Grey	40	Open area	0	1	0	0	Damp L115 0+75
AEM28-B6	98149	415148	5385476	Fine clay	Grey	40	Open area	0	1	0	0	Damp L115 0+50
AEM28-B7	98150	415120	5385510	Clay	Grey	35	Open area	0	(2-3)	0	0	Hard L115 0+25
AEM28-B8*	98151	415121	5385510	Clay	Grey	35	Open area	0	(2-3)	0	0	Hard L115 0+25
AEM28-B9	98152	415111	5385516	Clay	Grey	30	Open area	0	(2-3)	0	0	Hard L115 Base Line
AEM28-B10	98153	415086	5385535	Clay	Grey	30	Open area	0	(2-3)	0	0	Hard L115 0+25w
AEM28-B11	98154	415069	5385551	DOM	BLK	35	EP alder	2	2	0	0	L115 0+50w
AEM28-B12	98155	415053	5385571	Clay	L.Brn	35	EP Poplar Logged	(1-2)	(1-2)	0	0	L115 0+75w
AEM28-B13	98156	415035	5385582	Clay	L.Brn	35	EP Poplar Logged	(1-2)	(1-2)	0	0	L115 1+00w
AEM28-B14	98157	415021	5385605	Clay	L.Brn	30	EP Poplar Logged	(1-2)	(2-3)	0	0	Thin or Mat L115 1+25w

Anomaly ID	AEM28
Line	C
Departure	415470E / 5385780N
Arrival	415250E / 5385990N
Sampler(s)	ML BG
Date	31-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 415425E 5385756N L7 +00s / 0+
Arrival: 5385967N 415228E L7 + 00S / 2-
Going 320N

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM28-C1	98116	415425	5385756	Organic Material	BLK / BRN	50	Spruce	open	Wet	0	0	DOM Skidder trail
AEM28-C2	98117	415411	5385770	Organic Material	BLK / BRN	50	Spruce	open	Wet	0	0	DOM Skidder trail
AEM28-C3	98118	415399	5385797	Organic Material	BLK / BRN	30	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C4	98119	415374	5385813	Organic Material	BLK / BRN	45	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C5	98120	415370	5385840	Organic Material	BLK / BRN	50	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C6	98121	415343	5385850	Organic Material	BLK / BRN	50	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C7	98122	415321	5385878	Organic Material	BLK / BRN	60	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C8*	98123	415321	5385878	Organic Material	BLK / BRN	60	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C9	98124	415311	5385888	Organic Material	BLK / BRN	45	Spruce	(1-2)	Wet	0	0	DOM poor decomposition
AEM28-C10	98125	415297	5385902	Organic Material	BLK / BRN	50	Spruce	moderate	Wet	0	0	DOM poor decomposition
AEM28-C11	98126	415282	5385918	Organic Material	BLK / BRN	55	Spruce	Mod./Heavy	Wet	0	0	DOM poor decomposition
AEM28-C12	98127	415263	5385928	Organic Material	BLK / BRN	50	Spruce	moderate	Wet	0	0	DOM poor decomposition roots
AEM28-C13	98128	415248	5385952	Organic Material	BLK / BRN	55	Spruce	moderate	Wet	0	0	DOM poor decomposition
AEM28-C14	98129	415229	5385971	Organic Material	BLK / BRN	50	Spruce	(1-2)	Wet	0	0	DOM poor decomposition

Anomaly ID	AEM29
Line	A
Departure	411410E / 5370410N
Arrival	411410E / 5370900
Sampler(s)	LL, MM
Date	25/08/2005 + 06/09/2005

REAL DEPARTURE AND ARRIVAL
Departure: 411400E / 5370400N
Arrival: 411425E / 5370933
Going North

Sample	Sample	Localisation		Grain	Soil	Sample	Veget.	Veget.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	size	color	depth	type	density			Direction	
AEM29-A1	98000	411400	5370400	fine sand	Red	30	JP	1	3	3	280	
AEM29-A2	98001	411401	5370426	fine sand	Red	40	JP	1 to 2	3	3 to 2	240	
AEM29-A3	98002	411402	5370452	sand/clay	LB	35	Ep/aulders	2 to 3	3	0 to 1	40	Silty clay next to creek+dam
AEM29-A4	98003	411403	5370478	fine sand	Red	30	JP/EP	2 to 3	3	0 to 1	80	
AEM29-A5	98004	411404	5370504	fine sand	Red	25	JP/EP	1 to 2	3	0 to 1	80	
AEM29-A6	98005	411405	5370530	fine sand	Red	25	JP/EP	1 to 2	3	0 to 1	80	Dry, old forest fire
AEM29-A7	98006	411406	5370556	fine sand	Red	20	JP	1	3	3	140	
AEM29-A8*	98007	411406	5370556	fine sand	Red	20	JP	1	3	3	140	Strong pente (50degrees)
AEM29-A9	98008	411407	5370582	fine sand	Red	30	JP	1	3	3	140	Strong pente (30degrees)
AEM29-A10	98009	411408	5370608	fine sand	Red	30	JP	1	3	3	140	Strong pente (30degrees)
AEM29-A11	98010	411409	5370634	sandy	Red	25	JP	1	3	3	140	Strong pente (30degrees)
AEM29-A12	98011	411410	5370660	sandy	Red	25	JP	1	3	3	140	Strong pente (30degrees)
AEM29-A13	98012	411411	5370686	sandy	Red	25	JP	1	3	2	140	
AEM29-A14	98013	411412	5370712	sandy	Red	35	JP	1	3	2	140	
AEM29-A15	98227	411413	5370738	sandy	Rish	45	JP	1	3	2	90	Line prolongation (200 m.)
AEM29-A16	98228	411414	5370764	sandy	LB	40	JP	1	3	2	360	Line prolongation (200 m.)
AEM29-A17	98229	411415	5370790	sandy	LB	40	JP	1	3	2	360	Line prolongation (200 m.)
AEM29-A18*	98230	411415	5370790	sandy	LB	45	JP	1	3	2	360	Line prolongation (200 m.)
AEM29-A19	98231	411416	5370816	sandy	LB-Rish	35	JP	1	3	2	160	Line prolongation (200 m.)
AEM29-A20	98232	411417	5370842	sandy	Rish-br	35	JP	1	3	2	120	Line prolongation (200 m.)
AEM29-A21	98233	411418	5370868	sandy	LB	35	JP	1	3	2	120	Line prolongation (200 m.)
AEM29-A22	98234	411419	5370894	sandy	LB	40	JP	1	3	2	120	Line prolongation (200 m.)
AEM29-A23	98235	411425	5370933	sandy	Rish-br	40	JP	1	3	2	120	Line prolongation (200 m.)

Anomaly ID	AEM30
Line	A
Departure	414030E / 5369410N
Arrival	414330E / 5369410N
Sampler(s)	
Date	

REAL DEPARTURE AND ARRIVAL
Departure: 414031E / 5369408N
Arrival: 414364E / 5369426
Going East

Sample ID	Sample no	Location		Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM30-A1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(@ bottom of pente)
AEM30-A2	98014	414062	5369395	Fine	Grey Black	20	Spruce Birch	(2-3)	3	0	S	Damp @ bottom of pente
AEM30-A3	98015	414088	5369398	Fine	sand clay	25	poplar spruce	(2-3)	3	(1-2)	260W	Dry
AEM30-A4	98016	414114	5369400	Fine	Redish	20	poplar spruce	2	3	(2-3)	260W	Dry
AEM30-A5	98017	414140	5369403	Fine	Redish	25	poplar spruce	2	3	(2-3)	260W	Dry sings of fire
AEM30-A6	98018	414166	5369405	Fine	L. Brown	25	Poplar Jack pine	2	3	(2-3)	260W	Dry sings of fire
AEM30-A7	98019	414192	5369408	Fine	Redish	25	Poplar Jack pine	2	3	(2-3)	260W	Dry sings of fire
AEM30-A8*	98020	414192	5369408	Fine	Redish	25	Poplar Jack pine	2	3	(2-3)	260W	Dry sings of fire
AEM30-A9	98021	414218	5369410	Fine	Redish	20	Poplar Jack pine	2	3	2	220W	Dry
AEM30-A10	98022	414244	5369413	Fine	Redish	20	Poplar Jack pine	2	3	2	220W	Dry
AEM30-A11	98023	414270	5369415	Fine	L. Brown	20	Poplar Jack pine	2	3	2	350NW	Dry Visible OC
AEM30-A12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	OC signs of FF
AEM30-A13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	OC no signs of rust
AEM30-A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	OC no signs of rust

Anomaly ID	AEM30
Line	B
Departure	414075E / 5369460N
Arrival	414375E / 5369460N
Sampler(s)	LL, MM
Date	26-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 413073E / 5369474N
Arrival: 413375E / 5369471N
Going East

Sample ID	Sample no	Location		Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM30-B1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	boulders and stones
AEM30-B2	98036	414092	5369460	Fine	L.Grey	20	poplar	2	3	2	220	Dry OC rust
AEM30-B3	98035	414118	5369461	Fine	Redish	20	poplar birch	2	3	2	220	Dry stones
AEM30-B4	98034	414143	5369462	Fine	Redish	20	Jack pine Spruce	2	3	2	220	Dry
AEM30-B5	98033	414169	5369463	Fine	Redish	20	Jack pine Birch	2	3	2	220	DryThin organic material
AEM30-B6	98032	414194	5369464	Fine	Redish	20	Jack pine Birch	2	3	2	180	Dry stones
AEM30-B7	98031	414220	5369465	Fine	Redish	20	Poplar Spruce	(2-3)	3	2	140	Dry OC rust
AEM30-B8*	98030	414220	5369465	Fine	Redish	20	Poplar Spruce	(2-3)	3	2	140	Dry OC rust
AEM30-B9	98029	414245	5369466	Fine	Redish	20	poplar	(2-3)	3	2	140	Dry stones
AEM30-B10	98028	414271	5369467	Fine	Redish	20	poplar	(2-3)	3	2	140	Dry OC rust
AEM30-B11	98027	414296	5369468	Fine	Redish	20	poplar	(2-3)	3	(1-2)	140	Dry
AEM30-B12	98026	414322	5369469	Fine	Redish	20	poplar	(2-3)	3	(0-1)	140	Dry Thin Organic material
AEM30-B13	98025	414347	5369470	Fine	L.Brn / L.Gry	20	Jack pine Birch	(2-3)	3	0	0	Dry edge of OC
AEM30-B14	98024	414374	5369471	Fine	Redish	25	Jack pine Poplar	(2-3)	3	(1-2)	340	Dry v.oc

Anomaly ID	AEM30
Line	C
Departure	414060E / 5369650N
Arrival	414360E / 5369650N
Sampler(s)	Jenn & Michel
Date	Sept. 19, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 414060 E/ 536960 N
Arrival: 414370 E/ 5369653 N
Going East

Sample ID	Sample no	Location East	Location North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM30-C1	97249	414060	5369650	Sand & Boulders	Brown	15	Mix	2	3	2	210	B-horizon
AEM30-C2	97250	414086	5369650	Sand & Boulders	Brown	20	Mix	2	3	2	260	
AEM30-C3	97251	414112	5369650	Sand & Boulders	Reddish Bwn	20	Pine & Poplar	1-2	3	2	240	Gabbro outcrop adjacent
AEM30-C4	97252	414138	5369651	Sand	Brown	20	Pine & Poplar	1-2	3	2	220	
AEM30-C5	97253	414164	5369651	Sand & Pebbles	Brown	20	Jack Pine	1	3	2	230	visible gabbro outcrop
AEM30-C6	97254	414190	5369651	Sand	Reddish Bwn	20	Pine & Poplar	1-2	3	2	50	Top of B-horizon
AEM30-C7	97255	414216	5369652	Sand	Light Brown	20	Aulder & Pine & Pop	2	3	1	15	Mix of A & B
AEM30-C8*	97256	414216	5369652	Fine Sand	Light Brown	20	Aulder & Pine & Pop	2	3	1	15	Mix of A & B
AEM30-C9	97257	414242	5369652	Fine Sand	Light Brown	20	Aulder & Pine & Pop	1-2	3	0-1	30	Compact
AEM30-C10	97258	414268	5369652	Fine Sand	Grey-Brown	20	Poplar & Pine	2	3	2	20	
AEM30-C11	97259	414294	5369652	Fine Sand	Reddish Bwn	20	Poplar & Spruce	1-2	3	1	350	
AEM30-C12	97260	414320	5369653	Fine Sand	Light Brown	20	Poplar & Spruce	2	3	1	80	
AEM30-C13	97261	414346	5369653	Silt	Light Grey/Bwn	20	Poplar & Spruce	2	3	1	80	
AEM30-C14	97262	414370	5369653	Fine Sand	Light Brown	20	Maple	1-2	3	0	N/A	

Anomaly ID	AEM31a
Line	A
Departure	415360E / 5377150N
Arrival	415085E / 5377280N
Sampler(s)	JS MM LL
Date	15-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 415360E / 5377158N
Arrival: 415088E / 5377301N
Going NW

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM31a-A1	55000	415360	5377158	clay	lb	50	alders	2	3	0	0	moist DOM
AEM31a-A2	54999	415337	5377170	sandy clay	lb	35	alders	2	3	0	0	dry
AEM31a-A3	54998	415314	5377182	sandy clay	lg	40	spruce tamarack	2	3	0	0	dry
AEM31a-A4	54997	415291	5377194	DOM soil	black	50	alders	2	3	0	0	damp
AEM31a-A5	54996	415268	5377206	sandy clay	lb	30	spruce tamarack	2	3	0	0	dry
AEM31a-A6	54995	415245	5377218	sandy clay	b	30	spruce tamarack	2	3	0	0	DAO 3303
AEM31a-A7	54994	415222	5377230	clay	b	30	spruce tamarack	2	3	2	NE	dry compact
AEM31a-A8*	54993	415222	5377230	clay	b	30	spruce tamarack	2	3	2	NE	dry compact
AEM31a-A9	54992	415199	5377242	sandy clay	lb	35	spruce tamarack	2	3	2	NE	dry
AEM31a-A10	54991	415176	5377254	sandy	lb	30	spruce tamarack	2	3	2	NE	dry
AEM31a-A11	54990	415153	5377266	clay	lb	30	spruce tamarack	2	3	2	NE	damp compact
AEM31a-A12	54989	415130	5377278	clay	lb	30	spruce tamarack	2	2	2	NE	damp
AEM31a-A13	54988	415107	5377290	sandy clay	lb	40	spruce tamarack	2	3	2	NE	dry
AEM31a-A14	54987	415088	5377301	sandy clay	lb	45	spruce tamarack	2	3	0	0	dry

Anomaly ID	AEM31a
Line	B
Departure	415330E / 5377065N
Arrival	415050E / 5377180N
Sampler(s)	JS MM LL
Date	15-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 415330E / 5377065N
Arrival: 415049E 5377174N
Going NW

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM31a-B1	54973	415330	5377065	sand	LG	50	Spruce Tamarack	2	2.5	0	NA	dry
AEM31a-B2	54974	415307	5377074	sand	LG	45	Spruce Tamarack	2	2.5	0	NA	dry
AEM31a-B3	54975	415284	5377083	sand	LB	55	Spruce Tamarack	2	2.5	0	NA	dry, took rep DOM
AEM31a-B4	54976	415261	5377092	sandy clay	LB	30	Spruce Tamarack	2	2.5	0	NA	dry
AEM31a-B5	54977	415238	5377101	sand	LB	30	Spruce Tamarack	2	2.5	0	NA	dry
AEM31a-B6	54978	415215	5377110	clay	LB	25	Spruce Tamarack	2	2.5	0	NA	dry hard (compact)
AEM31a-B7	54979	415192	5377119	clay	B	35	Spruce Tamarack	2	2.5	0	NA	dry hard
AEM31a-B8*	54980	415192	5377119	clay	B	30	Spruce Tamarack	2	2.5	0	NA	dry hard
AEM31a-B9	54981	415169	5377128	clay	LB	25	Spruce Tamarack	2	2.5	0	NA	dry hard
AEM31a-B10	54982	415146	5377137	clay	LB	35	Spruce Tamarack	2	2.5	0	NA	dry compact
AEM31a-B11	54983	415123	5377146	sandy clay	LB	30	Spruce Tamarack	2	2.5	0	NA	dry compact
AEM31a-B12	54984	415100	5377155	sandy clay	LB	35	Spruce Tamarack	2	2.5	0	NA	dry
AEM31a-B13	54985	415077	5377164	sandy clay	LB	35	Spruce Tamarack	2	2.5	0	NA	dry
AEM31a-B14	54986	415049	5377174	clay		35	Spruce Tamarack	2	3	2	NW	dry compact

Anomaly ID	AEM 31a
Line	C
Departure	415065 E/ 5377400 N
Arrival	415365 E/ 5377400 N
Sampler(s)	Leo & Marty
Date	Sept. 13, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 415072 E/ 5377384 N
Arrival: 415381 E/ 5377401 N

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM 31a-C1	97060	415072	5377384	Clay-Sand	ight Bwn/Gre	35	Pop & Spr	2	3	0	N/A	Hard, Dry
AEM 31a-C2	97061	415098	5377385	Clay-Sand	ight Bwn/Gre	30	Pop & Spr	2	3	0-1	E	Dry
AEM 31a-C3	97062	415124	5377387	Clay-Sand	ight Bwn/Gre	30	Pop & Spr	2	3	1	E	Dry
AEM 31a-C4	97063	415149	5377388	Clay-Sand	Light Brown	30	Spr & Pop	2	3	1	W	Dry
AEM 31a-C5	97064	415175	5377390	Clay-Sand	Light Brown	30	Spr & Pop	2	3	1	W	Dry
AEM 31a-C6	97065	415201	5377391	Clay-Sand	Light Brown	35	Spr & Pop	2	3	0-1	E	Dry
AEM 31a-C7	97066	415227	5377393	Clay	Brown	30	Spr & Pop & JF	1-2	3	0	N/A	Compact, Dry
AEM 31a-C8*	97067	415227	5377393	Clay	Brown	30	Spr & Pop & JF	1-2	3	0	N/A	Compact, Dry
AEM 31a-C9	97068	415252	5377394	Clay	Brown	30	Spr & Pop	1-2	3	0	N/A	Compact, Dry
AEM 31a-C10	97069	415278	5377395	Clay	Brown	30	Spr & Pop	1	3	0	N/A	Compact, Dry
AEM 31a-C11	97070	415304	5377397	Clay	Brown	25	Spruce	1	3	0	N/A	Compact, Dry
AEM 31a-C12	97071	415330	5377398	Clay	Brown	25	Spruce	1	2-3	0	N/A	Damp
AEM 31a-C13	97072	415355	5377400	Clay	Brown	40	Spr & Aulder	3	2-3	0	N/A	Damp
AEM 31a-C14	97073	415381	5377401	Clay	Brown	40	Spr & Aulder	3	2	0	N/A	Damp, old line at 90

Anomaly ID	AEM31
Line	A
Departure	415775E / 5376990N
Arrival	415510E / 5377145N
Sampler(s)	JS, MM, LL
Date	14-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 415775E / 5376990N
Arrival: 415509E / 5377133N
Going NW

Sample ID	Sample no	Localisation		Grain size	Soil color	Sample depth	Vegetation type	Vegetation density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM31-A1	54874	415775	5376995	Sandy	Red/brown	30	Spruce/JP	1.5	3	0	N/A	
AEM31-A2	54875	415753	5377007	Sandy	Red/brown	30	Spruce/JP	1.5	3	0	N/A	
AEM31-A3	54876	415731	5377018	Organic	Black	60	Spruce/JP	1.5	3	0	N/A	With boulders
AEM31-A4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Logging road, perturbated area
AEM31-A5	54877	415687	5377041	Sandy	Red/brown	30	logged	0.5	3	0	N/A	
AEM31-A6	54878	415665	5377053	Organic	Black	40	Spruce/JP	0.5	3	0	N/A	Pebbles and boulders
AEM31-A7	54879	415643	5377064	Organic	Black	55	Spruce/JP	2	3	0	N/A	
AEM31-A8*	54880	415643	5377064	Organic	Black	55	Spruce/JP	2	3	0	N/A	
AEM31-A9	54881	415621	5377076	Organic	Black	55	Spruce/JP	2	3	0	N/A	
AEM31-A10	54882	415599	5377087	Organic	Black	50	Spruce/JP	2	3	0	N/A	Wood 70 cm down hole
AEM31-A11	54883	415577	5377099	Organic	Black	55	Spruce/JP	2.5	3	0	N/A	
AEM31-A12	54884	415555	5377110	Organic	Black	50	Spruce/JP	2.5	3	0	N/A	
AEM31-A13	54885	415533	5377122	Organic	Black	50	Spruce/JP	2.5	3	0	N/A	
AEM31-A14	54886	415509	5377133	Organic	Black	50	Spruce/JP	2.5	3	0	N/A	

Anomaly ID	AEM31
Line	B
Departure	415705E / 5376925N
Arrival	415450E / 5377080N
Sampler(s)	JS MM LL
Date	14-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 415707E 5376903N
Arrival: 415458E 5376078N
Going NW

Sample ID	Sample no	Localisation		Grain size	Soil color	Sample depth	Vegetation type	Vegetation density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM31-B1	54900	415707	5376903	Organic	Black	30	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B2	54899	415686	5376918	Organic	Black	40	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B3	54898	415665	5376933	Organic	Black	40	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B4	54897	415644	5376948	Organic	Black	40	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B5	54896	415623	5376963	Organic	Black	35	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B6	54895	415602	5376978	Organic	Black	45	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B7	54894	415581	5376993	Organic	Black	45	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B8*	54893	415581	5376993	Organic	Black	45	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B9	54892	415560	5377007	Organic	Black	45	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B10	54891	415539	5377021	Organic	Black	40	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B11	54890	415518	5377035	Organic	Black	45	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B12	54889	415497	5377049	Organic	Black	55	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B13	54888	415476	5377063	Organic	Black	55	spruce cedar alder swamp	2	1	0	NA	DOM
AEM31-B14	54887	415458	5377078	Organic	Black	50	spruce cedar alder swamp	2	2	0	NA	DOM

Anomaly ID	AEM 31
Line	C
Departure	415490 E/ 5377340 N
Arrival	415725 E/ 5377150 N
Sampler(s)	Leo & Marty
Date	Sept. 13, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 415508 E/ 5377345 N
Arrival: 415719 E/ 5377155 N

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM 31-C1	97074	415508	5377345	Fine Clay	Brown	60	Cedar	2-3	2	0	N/A	Deep organic material, damp, logged
AEM 31-C2	97075	415526	5377329	Fine Clay	Brown	50	Aulder Mix	2-3	2	0	N/A	Deep organic material, damp, logged, sticky
AEM 31-C3	97076	415543	5377313	Fine Clay	Grey	50	Aulder	2-3	2	0	N/A	Deep organic material, damp, logged, sticky
AEM 31-C4	97077	415561	5377298	Clay	Grey	55	Aulder & Tam	2-3	2	0	N/A	Deep organic material, damp, logged, sticky
AEM 31-C5	97078	415578	5377282	Deep Org.	Black	45	Aulder & Spr	2-3	2	0	N/A	Deep organic material, damp
AEM 31-C6	97079	415596	5377266	Clay	Grey	70	Aulder & Spr	2-3	2	0	N/A	Deep organic material, damp, sticky, deep wood
AEM 31-C7	97080	415614	5377250	Deep Org.	Black	40	Aulder	2-3	2	0	N/A	Deep organic material
AEM 31-C8*	97081	415614	5377250	Deep Org.	Black	40	Aulder	2-3	2	0	N/A	Deep organic material
AEM 31-C9	97082	415631	5377234	Sandy-Clay	Grey	45	Aulder	2-3	3	0-1	W	Compact
AEM 31-C10	97083	415649	5377218	Sand	Grey	20	Aulder	1	3	0-1	W	Sandy pebbles, visible outcrop Rd.
AEM 31-C11	97084	415666	5377203	Sand-Gravel	Grey	15	Aulder	1	3	0-1	W	Sandy gravel/pebbles, visible outcrop Rd.
AEM 31-C12	NA	415684	5377187	NA	NA	NA	NA	NA	NA	NA	NA	Outcrop X5 + RY Rd.
AEM 31-C13	97085	415701	5377171	Sand	Reddish	15	Spr & JP	1	3	0-1	W	B-horizon, shallow, visible outcrop
AEM 31-C14	97086	415719	5377155	Sand	ight Bwn/Gre	10	Sp & JP & Po	1	3	0-1	W	A-horizon, visible outcrop

Anomaly ID	AEM32
Line	A
Departure	415046E / 5387625N (L300W / 1600N)
Arrival	414861E / 5387838N (L300W / 1900N)
Sampler(s)	MM, LL, BG
Date	05-Sep-05

REAL DEPARTURE AND ARRIVAL
Departure: 415046E / 5387627N
Arrival: 414861E / 5387838N
Going: NW

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Vegetation type	Vegetation density	Drainage	Pente	Pente Direction	Comment(s)
AEM32-A1	98198	415046	5387627	Clay	LB	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A2	98197	415029	5387646	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A3	98196	415012	5387665	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A4	98195	414995	5387684	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A5	98194	414978	5387703	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A6	98193	414961	5387722	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A7	98192	414944	5387741	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A8*	98191	414944	5387741	Organic	BLK	20	Spruce cedar	1	1	0	NA	Logged and wet
AEM32-A9	98190	414927	5387760	Organic	BLK	20	Spruce	1.5	1	0	NA	Really bad condition
AEM32-A10	98189	414910	5387779	Organic	BLK	20	Spruce	1	1	0	NA	Really bad condition
AEM32-A11	98188	414893	5387798	Organic	BLK	25	Spruce	1	1	0	NA	Really bad condition
AEM32-A12	98187	414876	5387817	Organic	BLK	20	Spruce	1	1	0	NA	Logged and very wet soil
AEM32-A13	98186	414861	5387838	Organic	BLK	20	Spruce	1	1	0	NA	Logged and very wet soil
AEM32-A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Logged, To much water

Anomaly ID	AEM32
Line	B
Departure	415685E / 5387984N (L10W / BL14N)
Arrival	415458E / 5388224N (L10W / 17+25N)
Sampler(s)	MM, LL, BG
Date	05-Sep-05

REAL DEPARTURE AND ARRIVAL
Departure: 415685E / 5387984N
Arrival: 415458E / 5388224N
Going: NW

Sample ID	Sample no	Location		Grain Size	Soil color	Sample depth	Vegetation type	Vegetation density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM32-B1	98212	415685	5387984	Clay	LB, Gray	40	Spruce, cedar	1 to 2	2	0	NA	Logged area
AEM32-B2	98211	415666	5388004	Clay	LB, Gray	30	Spruce, cedar	1 to 2	2	0	NA	Logged area
AEM32-B3	98210	415647	5388024	Clay	LB, Gray	35	Spruce, cedar	1 to 2	2	0	NA	Logged area
AEM32-B4	98209	415628	5388044	Clay	LB, Gray	45	Spruce, cedar	1 to 2	2	0	NA	Logged area
AEM32-B5	98208	415609	5388064	Clay	LB, Gray	50	Spruce, cedar	1 to 2	2	0	NA	Side of beaver dam
AEM32-B6	98207	415590	5388084	Clay	LB, Gray	40	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B7	98206	415571	5388104	Clay	LB, Gray	30	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B8*	98205	415571	5388104	Clay	LB, Gray	30	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B9	98204	415552	5388124	Clay	LB, Gray	50	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B10	98203	415533	5388144	Clay	LB, Gray	45	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B11	98202	415514	5388164	Clay	LB, Gray	45	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B12	98201	415495	5388184	Clay	LB, Gray	50	Spruce, cedar	1 to 2	3	0	NA	
AEM32-B13	98200	415476	5388204	Clay	LB, Gray	45	Spruce, cedar	1 to 2	3	0	NA	Compact
AEM32-B14	98199	415458	5388224	Clay	LB, Gray	60	Spruce, cedar	1 to 2	2	0	NA	

Anomaly ID	AEM32
Line	C
Departure	415831 E / 5388115 N
Arrival	415622 E / 5388330 N
Sampler(s)	LL, MM
Date	Sept. 19, 2005

REAL DEPARTURE AND ARRIVAL
Departure: 415831 E / 5388115 N
Arrival: 415622 E / 5388330 N
Going: NW

Sample ID	Sample no	Location East	Location North	Grain Size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM32-C1	97248	415831	5388115	Deep Organic	Brown/Blk	45	Black Spruce	2	1	0	NA	BL, L12-14+00, wet, wood pellets
AEM32-C2	97247	415814	5388133	Deep Organic	Brown/Blk	50	Black Spruce	2	2	0	NA	L12-14+25, damp, wood pellets
AEM32-C3	97246	415796	5388151	Deep Organic	Brown/Blk	50	Black Spruce	2	2	0	NA	L12-14+50, damp, wood pellets
AEM32-C4	97245	415779	5388169	Deep Organic	Brown/Blk	50	Black Spruce	2	2	0	NA	L12-14+75, damp, wood pellets
AEM32-C5	97244	415761	5388187	Deep Organic	Brown/Blk	45	Black Spruce	2	2	0	NA	L12-15+00, damp, wood pellets
AEM32-C6	97243	415744	5388205	Deep Organic	Brown/Blk	45	Black Spruce	2	1	0	NA	L12-15+25, damp, wood pellets
AEM32-C7	97242	415726	5388222	Deep Organic	Brown/Blk	15	Black Spruce	2	0-1	0	NA	L12-15+50, wet, wood pellets
AEM32-C8	97241	415726	5388222	Deep Organic	Brown/Blk	15	Black Spruce	2	0-1	0	NA	L12-15+50, wet, wood pellets
AEM32-C9	97240	415709	5388240	Deep Organic	Brown/Blk	10	Blk Spruce & Spr	2	0-1	0	NA	L12-15+75, wet, water & wood pellets
AEM32-C10	97239	415692	5388258	Deep Organic	Brown/Blk	45	Blk Spruce & Tam	2	2	0	NA	L12-16+00, wood pellets
AEM32-C11	97238	415674	5388276	Deep Organic	Brown/Blk	45	Black Spruce	2	2	0	NA	L12-16+25, wood pellets
AEM32-C12	97237	415657	5388294	Deep Organic	Brown/Blk	45	Black Spruce	2	2	0	NA	L12-16+50, wood pellets
AEM32-C13	97236	415639	5388312	Deep Organic	Brown/Blk	45	Blk Spruce & Tam	2	2	0	NA	L12-16+75W, wood pellets
AEM32-C14	97235	415622	5388330	Deep Organic	Brown/Blk	45	Blk Spruce & Tam	2	2	0	NA	L12-17+00W, wood pellets

Anomaly ID	AEM33
Line	A
Departure	418650E / 5385255N
Arrival	419140E / 5385175N
Sampler(s)	LL MM
Date	29-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure:418825E / 5385141N
Arrival: 419191E / 5385073N
Going: East

Sample ID	Sample no	Location East	Location North	Grain size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM33-A1	98049	418875	5385141	f/sandy	rish	30	jp	2	3	2	east	L4+50 @ 0+75N
AEM33-A2	98050	418901	5385135	fine-moderate/sandy	rish	30	jp	2	3	2	east	bad sat
AEM33-A3	98051	418927	5385129	fine sand	rish	30	jp	2	3	1	east	L4+50 @ 0+50w\
AEM33-A4	98052	418953	5385123	fine sand	rish	40	jp	1	3	2	east	L4+50 @ 0+25w
AEM33-A5	98053	418979	5385117	fine sand	rish	30	jp	1	3	2	east	base line
AEM33-A6	98054	419005	5385111	fine-moderate sand	rish	40	jp	1	3	2	east	L4+50 @ 0+25e
AEM33-A7	98055	419031	5385105	fine-moderate sand	rish	40	jp	1	3	2	east	L4+50 @ 0+50e
AEM33-A8*	98056	419031	5385105	fine sand	rish	40	jp	1	3	2	east	L4+50 @ 0+75e
AEM33-A9	98057	419057	5385099	fine-moderate sand	rish	25	jp	1	3	2	east	L4+50 @ 1+00e
AEM33-A10	98058	419083	5385093	fine sand	rish	25	jp		2	1	east	s. pebbles L4+50 @ 1+25e
AEM33-A11	98059	419109	5385087	fine sand	rish	35	jp		3	1	east	trsil cross L4+50 @ 1+50e
AEM33-A12	98060	419135	5385081	fine sand	rish	20	jp	1	3	1	east	L4+50 @ 1+75e
AEM33-A13	98061	419161	5385075	fine sand (tillish)	rish		jp	1	3	1	east	tillish L4+50 @ 2+00e
AEM33-A14	98062	419191	5385072	fine sand	rish	25	jp	1	3	1	east	see clearing ahead L4+50 @ 1+25e

Anomaly ID	AEM33
Line	B
Departure	418860E / 5385200N
Arrival	419150E / 5385125N
Sampler(s)	LL MM
Date	29-Aug-05

REAL DEPARTURE AND ARRIVAL	
Departure: 419878E	5385208N
Arrival: 419170E	5385228N
Going: West	

Sample ID	Sample no	Location East	Location North	Grain size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM33-B1	98076	418878	5385208	sf	red		jp	1	3	(2-3)	se	1+00
AEM33-B2	98075	418902	5385201	sf	rish	25	jp	1	3	2	s	0+75
AEM33-B3	98074	418926	5385194	sf	red	20	jp	1	3	(1-2)	s	pebbles 0+50
AEM33-B4	98073	418950	5385187	sf	l.brn	30	jp	1	3	(1-2)	s	0+25
AEM33-B5	98072	418974	5385180	sf	l.brn	25	jp	1	3	(1-2)	s	base line
AEM33-B6	98071	418998	5385173	sf	rish	40	jp	1	3	(1-2)	s	0+25
AEM33-B7	98070	419022	5385166	s	l.brn	30	jp	1	3	2	e	0+50
AEM33-B8*	98069	419022	5385166	s	l.brn	30	jp	1	3	2	e	0+75
AEM33-B9	98068	419046	5385160	sf	rish	25	jp	1	3	2	e	1+25
AEM33-B10	98067	419070	5385154	sf	rish	20	jp	1	3	2	e	1+50
AEM33-B11	98066	419094	5385148	sf	red	30	jp	1	3	(1-2)	e	1+75
AEM33-B12	98065	419118	5385142	sf	rish	45	jp	1	3	(0-1)	e	pebbles 2+00
AEM33-B13	98064	419142	5385136	sf	rish	25	jp	1	3	1	e	pebbles 2+25
AEM33-B14	98063	419166	5385128	sf	l.brn	25	jp	1	3	1	e	2+50

Anomaly ID	AEM33
Line	C
Departure	418850E 5385150N
Arrival	419140E / 5385070N
Sampler(s)	LL MM
Date	29-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 418867E 5385256N
Arrival: 419154E 5385181N
Going: East

Sample ID	Sample no	Location East	Location North	Grain size	Soil color	Sample depth	Veg. type	Veg. density	Drainage	Pente	Pente Direction	Comment(s)
AEM33-C1	98077	418867	5385256	fine sand	redish	25	jack pine	1	3	3	w	pebbles 1+25e
AEM33-C2	98078	418891	5385248	fine sand	redish	20	jack pine	1	3	(1-2)	n	top of hill 1+00
AEM33-C3	98079	418915	5385240	fine sand	redish	20	jack pine	1	3	(1-2)	e	0+75
AEM33-C4	98080	418939	5385232	fine sand	redish	20	jack pine	1	3	(1-2)	e	thin or mat 0+50
AEM33-C5	98081	418963	5385224	fine sand	redish	25	jack pine	1	3	(1-2)	e	thin or mat 0+25
AEM33-C6	98082	418987	5385216	fine sand	redish	35	jack pine	1	3	1	e	lots of ribbon in bush base line
AEM33-C7	98083	419011	5385208	fine sand	redish	35	jack pine	1	3	1	160	0+25w
AEM33-C8*	98084	419011	5385208	fine sand	redish	30	jack pine	1	3	1	160	0+25
AEM33-C9	98085	419035	5385203	fine sand	redish	30	jack pine	1	3	1	160	0+50
AEM33-C10	98086	419059	5385196	fine sand	redish	25	jack pine	1	3	1	160	pebbles 0+75
AEM33-C11	98087	419083	5385190	fine sand	redish	30	jack pine	1	3	1	160	1+00
AEM33-C12	98088	419107	5385184	fine sand	redish	25	jack pine	1	3	1	160	1+25
AEM33-C13	98089	419131	5385178	fine sand	redish	30	jack pine	1	3	(1-2)	160	next to possible drill site 1+50
AEM33-C14	98090	419154	5385181	fine sand	redish	30	jack pine	1	3	(1-2)	160	next to tusil? 1+75

Anomaly ID	AEM34
Line	A
Departure	417590E / 5385610N
Arrival	417890E / 5385610N
Sampler(s)	BG MM LL
Date	30-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 417609E 5385604N
Arrival: 41 7914E 5385615N
Going East

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM34-A1	98103	417609	5385604	fine	red	35	spruce	2	3	0	0	compact
AEM34-A2	98104	417634	5385605	fine	red	50	spruce	2	3	0	0	compact
AEM34-A3	98105	417659	5385606	fine	red / brown	45	spruce	2	3	0	0	
AEM34-A4	98106	417684	5385607	fine	red / brown	45	spruce	2	3	0	0	
AEM34-A5	98107	417709	5385608	fine	red / brown	35	spruce	2	3	0	0	
AEM34-A6	98108	417734	5385609	fine	red / brown	50	spruce	2	3	0	0	
AEM34-A7	98109	417759	5385610	fine	red / brown	45	spruce	2	3	0	0	
AEM34-A8*	98110	417759	5385610	fine	red / brown	45	spruce	2	3	0	0	
AEM34-A9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Road
AEM34-A10	98111	417809	5385613	fine	red	45	spruce	1	3	0	0	
AEM34-A11	98112	417834	5385614	fine	red	45	spruce	1	3	0	0	
AEM34-A12	98113	417859	5385615	fine	red	50	spruce	1	3	0	0	
AEM34-A13	98114	417884	5385616	fine	red	40	spruce	1	3	0	0	
AEM34-A14	98115	417915	5385619	fine	red	35	spruce	1	3	0	0	

Anomaly ID	AEM35
Line	A
Departure	417130E / 5385420N
Arrival	416830E / 5385420N
Sampler(s)	BG MM LL
Date	30-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure:417139E / 5385435N
Arrival:416830E / 5385420N
Going West

Sample ID	Sample no	Localisation East	Localisation North	Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
AEM35-A1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AEM35-A2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	perturbed
AEM35-A3	98048	417107	5385420	sandy mod	rish	25	logged	0	3	(1-2)	300	sand mod coarse
AEM35-A4	98047	417079	5385420	sand fine	red	20	logged	0	3	2	300	sand
AEM35-A5	98046	417051	5385420	mod coarse	l. grey	25	logged	0	3	(1-2)	300	sand rubble mod to coarse
AEM35-A6	98045	417023	5385420	rubble	red	40	logged	0	3	(1-2)	300	sand rubble mod to coarse
AEM35-A7	98044	416995	5385420	sandy	redish	25	logged / Mix	0	3	1	300	dup org mat boulders
AEM35-A8*	98043	416995	5385420	blk fine	blk	25	logged / Mix	0	3	1	300	dup org mat boulders
AEM35-A9	98042	416968	5385420	sandy fine	l.brn	30	logged / ep	0	3	0	0	compact logged
AEM35-A10	98041	416941	5385420	sandy rubble	grey	45	ep	2	3	0	0	rocks rubble
AEM35-A11	98040	416914	5385420	sandy rubble	grey	45	ep	2	3	0	0	Dom rocks
AEM35-A12	98039	416887	5385420	blk	blk	45	ep	2	3	0	0	Blk Mat
AEM35-A13	98038	416860	5385420	sandy rubble	grey	45	ep	2	3	0	0	pebbles
AEM35-A14	98037	416830	5385420	sandy	l.brn	45	ep	2	3	0	0	pebbles

Anomaly ID	AEM35
Line	B
Departure	416830E / 5385640N
Arrival	417130E / 5385640N
Sampler(s)	BG MM LL
Date	30-Aug-05

REAL DEPARTURE AND ARRIVAL
Departure: 416824E 5385652N +-7
Arrival: 417116E 5385646N
Going East

Sample ID	Sample no	Localisation		Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM35-B1	98091	416825	5385650	sand	L.BRN	45	ep	(1-2)	3	0	0	
AEM35-B2	98092	416852	5385648	sand	L.BRN	45	spruce	2	(3-2)	0	0	
AEM35-B3	98093	416879	5385646	sand	L.BRN	35	spruce	2	(3-2)	0	0	speckled sand
AEM35-B4	98094	416906	5385644	earth	Black	35	spruce	2	(3-2)	0	0	pebbles, posssible visible sulphides
AEM35-B5	98095	416933	5385642	earth	Black	35	spruce	2	(3-2)	0	0	roots
AEM35-B6	98096	416960	5385640	earth	Black	35	spruce	2	(3-2)	0	0	roots oily dirt
AEM35-B7	98097	416987	5385638	earth	Black	40	spruce	2	2	0	0	8" rock layer
AEM35-B8*	98098	416987	5385638	sand	Black	30	spruce	2	3	0	0	rocky
AEM35-B9	98099	417014	5385636	earth	L.BRN	30	spruce	2	(3-2)	0	0	rocky
AEM35-B10	98100	417041	5385634	sand	Black	40	spruce	3	(3-2)	0	0	logged area
AEM35-B11	98101	417068	5385632	earth	Black	35	spruce	3	(3-2)	0	0	logged area on top of rocks
AEM35-B12	98102	417094	5385628	sand	L.BRN	15	alder	(2-3)	(3-2)	0	0	logged area
AEM35-B13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	perturbed logged area
AEM35-B14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ditch / road

Anomaly ID	AEM40
Line	A
Departure	411090E / 5372945N
Arrival	411090E / 5373245N
Sampler(s)	ML, BG
Date	06-Sep-05

REAL DEPARTURE AND ARRIVAL
Departure: 411083E / 5372958N
Arrival: 411109E / 5373271N
Going North

Sample ID	Sample no	Localisation		Grain size	Soil color	Sample depth	Veget. type	Veget. density	Drainage	Pente	Pente Direction	Comment(s)
		East	North									
AEM40-A1	98213	411083	5372958	Fine sand	LB	25	Spruce	2	3	1	050N	10 m east granitic outcrop
AEM40-A2	98214	411085	5372984	Fine sand	RB	20	Spruce	1 to 2	3	1	050N	Well developed B horizon
AEM40-A3	98215	411087	5373010	sand+peebles	BG	20	JP-spruce	2	2	1	050N	20 east off line due to outcrops
AEM40-A4	98216	411089	5373036	sand	BR	20	JP	2	3	0	NA	Well developed B horizon, granit proximal
AEM40-A5	98217	411091	5373062	sand+peebles	Brownish	30	JP	2	3	0	NA	Till (mixe of peebles+boulders)
AEM40-A6	98218	411093	5373088	silty-sand	Grey	20	Alders-JP	2	3	1	050N	Depression inside outcrop
AEM40-A7	98219	411095	5373114	sand	Brownish	15	JP	2	3	1	150	Well developed B horizon
AEM40-A8*	98220	411095	5373114	sand	BR	15	JP	2	3	1	150	Well developed B horizon
AEM40-A9	98221	411097	5373140	silt	Dark grey	20	Alders-JP	2	2 to 3	0	NA	Contact with outcrops
AEM40-A10	98222	411099	5373166	sandy-silt	Brown-grey	15	JP	2	3	1	010N	Peebles (north of granitic outcrop)
AEM40-A11	98223	411101	5373192	Fine sand	Brown	20	Alders	2	3	0	NA	Well developed B horizon
AEM40-A12	98224	411103	5373218	sand+boulders	Grey	20	Alders-JP	2	3	0	NA	North edge of old logging road
AEM40-A13	98225	411105	5373244	clay+silt	Dark grey	40	Alders-JP	1 to 2	3	0	NA	Grassy area
AEM40-A14	98226	411109	5373271	silt-sand	Grey	45	Alders-JP	2	3	0	NA	Grassy area

Anomaly ID	Mine
Line	A
Departure	101+ 50N / 1+25E
Arrival	101+50N / 3+25E
Sampler(s)	ML, MM, JC
Date	Aug-06-05

REAL DEPARTURE AND ARRIVAL
Departure: 418942E / 5391770 (w.p. 458)
Arrival: 419144E / 5391761N (w.p. 459)
Going: East

Sample	Sample	Localisation		Grain	Soil	Sample	Vegetation	Veg.	Drainage	Pente	Pente	Comment(s)
ID	no	East	North	Size	color	depth	type	density			Direction	organic survey (12.5m stations)
Mine-A1	54929	418942	5391770	organic	black	35-45	spruce, tamerac	1 to 2	1	N/A	N/A	DOM (actually dug 80cm)
Mine-A2	54930	418954	5391770	organic	black	35-45	spruce, tamerac	2	1	N/A	N/A	DOM (actually dug 80cm)
Mine-A3	54931	418967	5391769	organic	black	35-45	spruce, tamerac	2	1	N/A	N/A	DOM (actually dug 110cm)
Mine-A4	54932	418979	5391769	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM (actually dug 110cm)
Mine-A5	54933	418992	5391768	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A6	54934	419004	5391768	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A7	54935	419017	5391767	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A8	54936	419029	5391767	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A9	54937	419042	5391766	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A10	54938	419054	5391766	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A11	54939	419067	5391765	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A12	54940	419079	5391765	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A13	54941	419092	5391764	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A14	54942	419104	5391764	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A15	54943	419117	5391763	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A16	54944	419129	5391762	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM
Mine-A17	54945	419144	5391761	organic	black	35-45	spruce, cedar, pop	2	1	N/A	N/A	DOM

Anomaly ID	Mine
Line	B
Departure	L101+00N / 1+25E
Arrival	L101+00N / 2+75E
Sampler(s)	ML, MM, JC
Date	Aug-06-05

REAL DEPARTURE AND ARRIVAL
Departure: 418939E / 5391721N (+ - 9)
Arrival: 419104E / 5391728N (+ - 15)
Going: East

NB: 12.5 meters spacing between each sample. Only organic material collected in that soil survey

Sample ID	Sample no	Localisation East	Localisation North	Grain Size	Soil color	Sample depth	Vegetation type	Veg. density	Drainage	Pente	Pente Direction	Comment(s) organic survey (12.5m stations)
Mine-B1	54946	418939	5391721	organic	black	35-45	aulder, spruce	3	1	N/A	N/A	wet
Mine-B2	54947	418953	5391721	organic	black	35-45	cedar, spruce	2	1	N/A	N/A	wet
Mine-B3	54948	418967	5391722	organic	black	35-45	cedar	2	1	N/A	N/A	damp, wood pieces contained
Mine-B4	54949	418981	5391722	organic	black	35-45	cedar, spruce	3	1	N/A	N/A	damp
Mine-B5	54950	418995	5391723	organic	black	35-45	aulder, cedar	3	1	N/A	N/A	damp
Mine-B6	54951	419009	5391723	organic	black	35-45	aulder, spruce	2	1	N/A	N/A	damp
Mine-B7	54952	419023	5391724	organic	black	35-45	cedar, spruce	2	1	N/A	N/A	damp
Mine-B8	54953	419037	5391724	organic	black	35-45	aulder, cedar	2	1	N/A	N/A	damp
Mine-B9	54954	419051	5391725	organic	black	35-45	aulder	1	1	N/A	N/A	dry, drill collar 5m E
Mine-B10	54955	419065	5391725	organic	black	35-45	cat tail	1	1	N/A	N/A	dry, drill trail
Mine-B11	54956	419079	5391726	organic	black	35-45	cat tail, aulder	2	1	N/A	N/A	dry, drill trail
Mine-B12	54957	419093	5391727	organic	black	35-45	aulder, tamerac	2	1	N/A	N/A	dry, drill trail
Mine-B13	54958	419104	5391728	organic	black	35-45	auder	3	1	N/A	N/A	dry

Pacific North West Capital Corp.
West Timmins
MMI 2005 Highlights

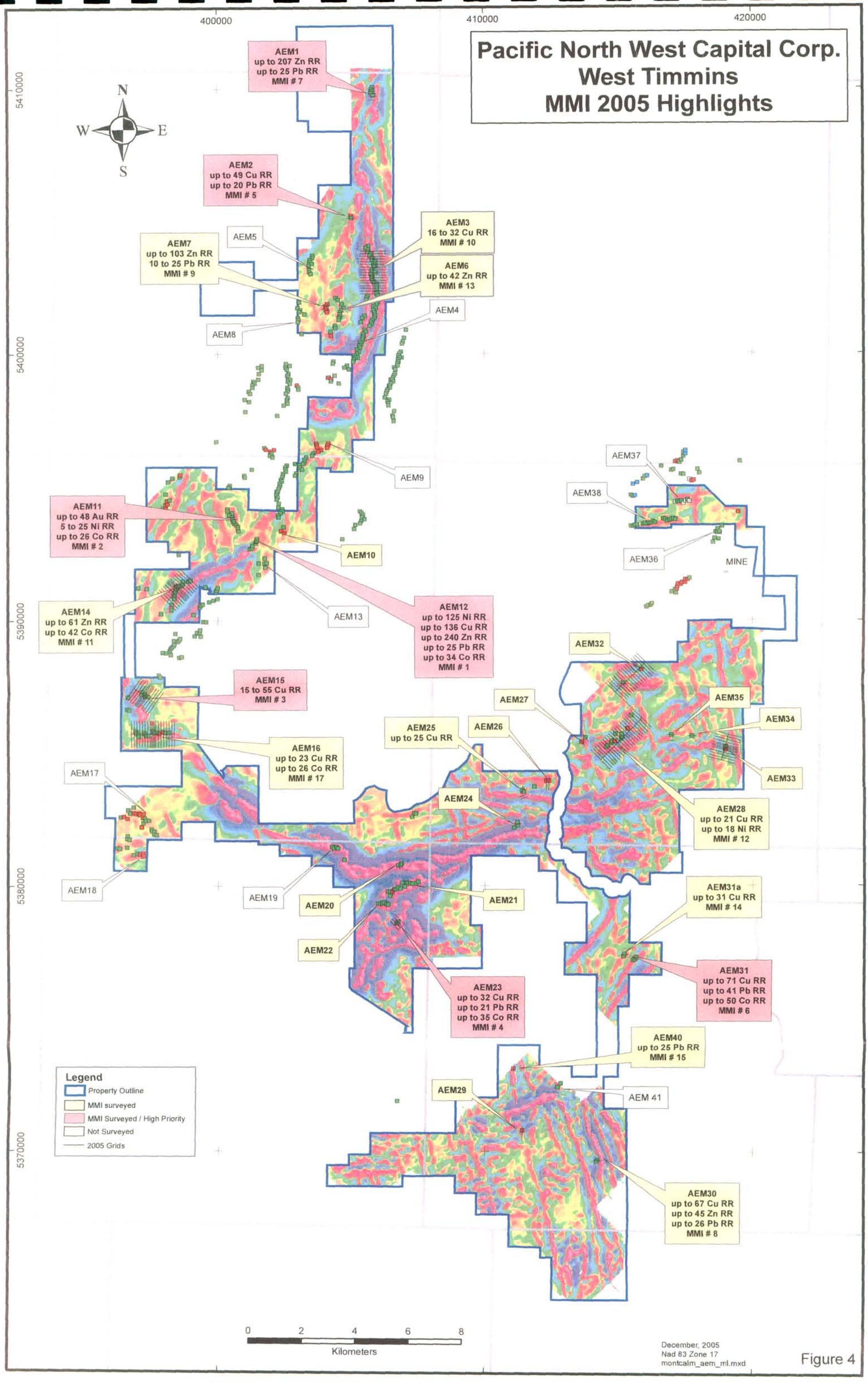

Figure 4

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
1	AEM1-A1	54501	17	0.1	22	120	77	310	1	646	140
2	AEM1-A2	54502	24	0.1	31	80	72	360	1	764	40
3	AEM1-A3	54503	21	0.2	14	190	63	130	1	270	70
4	AEM1-A4	54504	14	0.1	10	90	75	70	1	225	20
5	AEM1-A5	54505	14	0.1	18	120	69	70	1	71	110
6	AEM1-A6	54506	7	0.1	14	80	50	210	1	861	20
7	AEM1-A7	54507	5	0.1	27	60	74	380	1	715	250
8	AEM1-A8*	54508	4	0.1	23	60	53	190	1	1680	60
9	AEM1-A9	54509	10	0.1	30	80	63	110	1	666	200
10	AEM1-A10	54510	20	0.1	6	190	107	30	1	12	50
11	AEM1-A11	54511	6	0.1	21	130	57	80	1	149	20
12	AEM1-A12	54512	5	0.1	21	90	290	280	1	86	1650
13	AEM1-A13	54513	6	0.1	14	100	281	160	1	3	80
14	AEM1-A14	54514	12	0.6	36	410	102	130	1	3	20
15	AEM1-B14	54515	5	0.3	11	190	29	280	1	3	30
16	AEM1-B13	54516	13	0.5	7	630	153	190	1	3	30
17	AEM1-B12	54517	5	0.5	5	280	35	110	1	3	20
18	AEM1-B11	54518	26	0.3	7	480	81	170	1	3	20
19	AEM1-B10	54519	26	0.3	6	530	105	40	1	3	20
20	AEM1-B9	54520	29	0.2	12	380	99	70	1	3	20
21	AEM1-B8*	54521	31	0.3	21	580	89	50	1	3	30
22	AEM1-B7	54522	22	0.4	6	520	51	80	1	3	20
23	AEM1-B6	54523	12	0.5	5	300	57	80	1	3	30
24	AEM1-B5	54524	12	0.4	8	720	72	140	1	3	30
25	AEM1-B4	54525	6	0.5	5	260	26	80	1	3	20
26	AEM1-B3	54526	7	0.3	60	780	165	140	1	3	30
27	AEM1-C1	54527	6	0.5	5	220	24	40	1	3	30
28	AEM1-C2	54528	6	0.3	5	220	30	50	1	3	20
29	AEM1-C3	54529	7	0.4	5	270	29	60	1	3	20
30	AEM1-C4	54530	6	2	5	290	28	70	1	3	20
31	AEM1-C5	54531	14	0.2	9	310	74	90	1	3	20
32	AEM1-C6	54532	7	0.8	5	280	31	60	1	3	20
33	AEM1-C7	54533	8	0.4	6	300	29	70	1	3	20
34	AEM1-C8*	54534	14	0.4	5	370	37	110	1	3	30
35	AEM1-C9	54535	5	0.3	5	250	24	50	1	3	20
36	AEM1-C10	54536	11	0.6	5	350	43	60	1	3	20
37	AEM1-C11	54537	8	0.1	10	520	149	260	1	15	20
38	AEM1-C12	54538	13	0.3	27	1510	89	200	1	9	20
39	AEM1-C13	54539	5	0.1	9	200	167	160	1	22	50
40	AEM1-C14	54540	9	0.3	19	610	59	70	1	48	30
41	AEM2-A1	54541	12	0.4	8	370	60	50	1	6	30
42	AEM2-A2	54542	16	0.4	6	240	53	40	1	17	30
43	AEM2-A3	54543	1	0.1	21	50	28	30	1	3	440
44	AEM2-A4	54544	1	0.1	21	90	38	30	1	3	720
45	AEM2-A5	54545	14	0.3	101	1750	160	160	1	29	30
46	AEM2-A6	54546	5	0.5	5	320	32	40	1	3	30
47	AEM2-A7	54547	7	0.6	5	320	37	50	1	4	20
48	AEM2-A8*	54548	17	0.5	33	450	108	70	1	10	20
49	AEM2-A9	54549	6	0.6	5	230	28	50	1	3	20
50	AEM2-A10	54550	35	0.2	17	670	123	70	1	3	30
51	AEM2-A11	54551	8	0.5	5	240	35	70	1	4	20
52	AEM2-A12	54552	7	0.5	22	390	75	70	1	7	20
53	AEM2-A13	54553	25	0.3	33	510	189	90	1	9	20
54	AEM2-A14	54554	20	0.3	22	420	107	60	1	3	20
55	AEM2-B14	54555	7	0.4	5	230	37	50	1	3	20
56	AEM2-B13	54556	4	0.3	26	230	64	90	1	3	20
57	AEM2-B12	54557	18	0.4	6	410	63	60	1	3	20
58	AEM2-B11	54558	12	0.4	5	330	43	50	1	5	20
59	AEM2-B10	54559	7	0.4	245	900	117	70	1	12	20
60	AEM2-B9	54560	9	0.4	37	330	106	70	1	9	30

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
61	AEM2-B8*	54561	5	0.4	18	3700	28	390	1	42	20
62	AEM2-B7	54562	6	0.4	13	3690	21	290	1	32	20
63	AEM2-B6	54563	3	0.4	5	250	30	40	1	6	20
64	AEM2-B5	54564	5	0.4	48	1080	37	70	1	9	20
65	AEM2-B4	54565	10	0.3	38	1380	38	130	1	21	30
66	AEM2-B3	54566	9	0.4	111	1600	130	50	1	7	20
67	AEM2-B2	54567	8	0.3	34	530	99	120	1	3	30
68	AEM2-B1	54568	13	0.7	17	460	77	120	1	5	20
69	AEM7-B14	54569	9	0.2	8	210	127	110	1	33	80
70	AEM7-B13	54570	7	0.2	17	460	40	60	1	12	20
71	AEM7-B12	54571	5	0.1	23	50	131	110	1	479	20
72	AEM7-B11	54572	11	0.1	48	120	50	160	1	2090	630
73	AEM7-B10	54573	5	0.1	106	70	49	190	1	5610	380
74	AEM7-B9	54574	6	0.1	38	60	56	370	1	2790	60
75	AEM7-B8*	54575	21	0.1	86	300	51	170	1	2200	370
76	AEM7-B7	54576	4	0.1	48	50	40	170	1	3850	200
77	AEM7-B6	54577	14	0.1	60	220	40	200	1	1680	410
78	AEM7-B5	54578	10	0.1	30	100	41	200	1	671	490
79	AEM7-B4	54579	9	0.1	33	50	59	190	1	1650	820
80	AEM7-B3	54580	10	0.1	50	110	89	150	1	1470	1330
81	AEM7-B2	54581	10	0.1	33	50	56	280	1	3530	190
82	AEM7-B1	54582	4	0.1	42	40	35	200	1	6910	160
83	AEM7-A1	54583	5	0.2	22	70	61	370	1	1120	100
84	AEM7-A2	54584	14	0.1	24	60	92	350	1	368	110
85	AEM7-A3	54585	12	0.1	45	160	83	450	1	1220	190
86	AEM7-A4	54586	8	0.1	24	60	81	370	1	960	50
87	AEM7-A5	54587	16	0.1	70	80	87	260	1	2260	430
88	AEM7-A6	54588	4	0.1	31	80	66	300	1	1770	180
89	AEM7-A7	54589	6	0.1	17	150	52	400	1	1040	180
90	AEM7-A8*	54590	8	0.1	23	150	75	410	1	775	110
91	AEM7-A9	54591	6	0.1	33	90	69	460	1	2190	100
92	AEM7-A10	54592	6	0.1	19	130	57	360	1	2010	110
93	AEM7-A11	54593	11	0.1	11	210	105	140	1	1680	110
94	AEM7-A12	54594	12	0.1	18	60	64	220	1	732	500
95	AEM7-A13	54595	9	0.1	9	50	66	190	1	354	870
96	AEM7-A14	54596	18	0.1	43	90	119	270	1	1150	340
97	AEM6-B1	54597	1	0.1	29	60	71	490	1	6	3360
98	AEM6-B6	54598	10	0.3	8	360	63	30	1	3	20
99	AEM6-B7	54599	16	0.4	5	300	77	20	1	3	20
100	AEM6-B8*	54600	18	0.3	5	270	95	20	1	3	20
101	AEM6-B9	54601	8	0.3	5	250	25	20	1	3	20
102	AEM6-B10	54602	12	0.3	8	550	75	40	1	6	50
103	AEM6-B11	54603	9	0.3	5	360	54	40	1	3	20
104	AEM6-B12	54604	9	0.7	7	430	54	40	1	3	20
105	AEM6-B13	54605	6	0.5	16	340	39	40	1	3	20
106	AEM6-B14	54606	7	0.3	9	380	52	30	1	3	20
107	AEM6-A14	54607	21	0.3	10	390	92	20	1	3	20
108	AEM6-A10	54608	28	0.3	5	210	83	10	1	5	20
109	AEM6-A9	54609	29	0.3	5	340	81	10	1	3	20
110	AEM6-A8*	54610	19	0.4	6	250	92	20	1	3	20
111	AEM6-A7	54611	26	0.2	7	210	140	50	1	5	20
112	AEM6-A6	54612	16	0.2	5	230	97	40	1	9	30
113	AEM6-A5	54613	9	0.1	10	90	87	110	1	227	30
114	AEM6-A4	54614	9	0.1	28	80	77	340	1	586	500
115	AEM6-A3	54615	10	0.1	37	160	66	240	1	319	550
116	AEM6-A2	54616	18	0.2	5	160	64	20	1	13	60
117	AEM6-A1	54617	10	0.3	5	270	55	50	1	6	40
118	AEM3-A1	54618	1	0.1	31	40	18	10	1	3	1080
119	AEM3-A2	54619	1	0.1	23	80	16	10	1	3	480
120	AEM3-A3	54620	1	0.1	24	100	24	20	1	3	430

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
121	AEM3-A4	54621	1	0.1	34	30	14	20	1	3	1320
122	AEM3-A5	54622	1	0.1	34	40	14	40	1	3	1160
123	AEM3-A6	54623	1	0.1	25	90	23	20	1	3	980
124	AEM3-A7	54624	1	0.1	25	20	15	20	1	3	910
125	AEM3-A8*	54625	1	0.1	6	130	92	10	1	6	50
126	AEM3-A9	54626	1	0.1	19	160	42	20	1	9	440
127	AEM3-A10	54627	5	0.2	22	2440	65	230	1	10	60
128	AEM3-A11	54628	8	0.3	14	2270	36	380	1	68	20
129	AEM3-A12	54629	3	0.2	19	1250	65	170	1	23	20
130	AEM3-A13	54630	7	0.3	17	2280	69	230	1	30	40
131	AEM3-B1	54631	4	0.4	5	170	30	70	1	3	20
132	AEM3-B2	54632	12	0.4	5	280	43	50	1	3	20
133	AEM3-B3	54633	16	0.3	5	320	52	30	1	3	20
134	AEM3-B4	54634	17	0.3	11	300	83	30	1	3	20
135	AEM3-B5	54635	10	0.6	5	430	34	20	1	3	20
136	AEM3-B6	54636	11	0.4	5	640	40	20	1	3	20
137	AEM3-B7	54637	17	0.4	5	450	52	20	1	3	20
138	AEM3-B8*	54638	13	0.4	6	520	71	20	1	3	20
139	AEM3-B9	54639	5	0.4	5	250	22	40	1	5	30
140	AEM3-B10	54640	3	0.4	5	190	23	30	1	3	20
141	AEM3-B11	54641	4	0.5	8	180	31	50	1	3	20
142	AEM3-B12	54642	9	0.4	5	340	45	20	1	3	20
143	AEM16-A1	54643	1	0.2	10	10	38	100	<1	1000	40
144	AEM16-A2	54644	1	0.2	25	220	11	20	<1	112	20
145	AEM16-A3	54645	2	0.1	24	60	25	10	<1	123	20
146	AEM16-A4	54646	6	0.5	38	740	47	40	<1	12	20
147	AEM16-A5	54647	3	0.2	6	370	33	20	<1	8	20
148	AEM16-A6	54648	3	0.1	46	170	70	20	<1	9	20
149	AEM16-A7	54649	6	0.2	47	580	86	30	<1	16	20
150	AEM16-A8*	54650	2	0.1	7	50	18	10	<1	80	20
151	AEM16-A9	54651	3	0.6	5	270	28	40	<1	6	20
152	AEM16-A10	54652	6	0.8	83	590	144	40	<1	9	20
153	AEM16-A11	54653	2	0.1	14	40	19	50	<1	155	20
154	AEM16-A12	54654	1	0.1	41	30	12	30	<1	148	20
155	AEM16-A13	54655	8	0.3	21	1080	152	100	<1	8	20
156	AEM16-A14	54656	5	0.2	26	850	42	90	<1	12	20
157	AEM16-B1	54657	11	0.7	8	390	74	30	<1	7	20
158	AEM16-B2	54658	9	0.6	5	340	53	60	<1	7	30
159	AEM16-B3	54659	6	0.3	5	300	45	40	<1	7	20
160	AEM16-B4	54660	9	0.3	26	360	77	90	<1	9	40
161	AEM16-B5	54661	9	0.2	18	350	78	50	<1	10	20
162	AEM16-B6	54662	13	0.5	10	420	94	60	<1	7	20
163	AEM16-B7	54663	6	0.2	6	290	39	50	<1	7	20
164	AEM16-B8*	54664	6	0.1	18	530	108	50	<1	10	20
165	AEM16-B9	54665	13	0.2	8	470	103	40	<1	7	20
166	AEM16-B10	54666	4	0.4	5	260	32	20	<1	7	20
167	AEM16-B11	54667	4	0.4	5	230	32	10	<1	7	20
168	AEM16-B12	54668	8	0.4	8	500	67	30	<1	7	30
169	AEM16-B13	54669	5	0.2	5	230	26	50	<1	7	20
170	AEM16-B14	54670	8	0.7	5	310	36	40	<1	7	60
171	AEM15-A1	54671	1	0.1	91	810	110	130	<1	869	30
172	AEM15-A2	54672	1	0.1	34	50	48	70	<1	1700	30
173	AEM15-A3	54673	1	0.1	21	80	60	50	<1	1110	40
174	AEM15-A4	54674	1	0.1	18	20	29	30	<1	871	320
175	AEM15-A5	54675	8	0.1	50	50	52	20	<1	381	60
176	AEM15-A6	54676	13	0.1	22	250	74	10	<1	191	20
177	AEM15-A7	54677	6	0.1	70	1150	339	10	<1	21	70
178	AEM15-A8*	54678	2	0.1	92	2310	239	60	<1	62	120
179	AEM15-A9	54679	7	0.2	14	3670	53	150	<1	33	20
180	AEM15-A10	54680	6	0.4	8	430	64	50	<1	7	20

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
181	AEM15-A11	54681	4	0.3	5	190	47	20	<1	7	30
182	AEM15-A12	54682	5	0.1	78	820	142	170	<1	101	90
183	AEM15-A13	54683	8	0.1	5	290	57	40	<1	9	50
184	AEM15-A14	54684	6	0.1	7	530	53	110	<1	17	80
185	AEM15-B14	54685	6	0.2	49	420	209	40	<1	12	40
186	AEM15-B13	54686	9	0.5	11	560	114	40	<1	13	50
187	AEM15-B12	54687	7	0.2	26	1410	43	120	<1	93	30
188	AEM15-B11	54688	5	0.2	29	440	89	20	<1	18	60
189	AEM15-B10	54689	7	0.4	32	900	171	10	<1	11	50
190	AEM15-B9	54690	9	0.3	22	4110	41	170	<1	32	50
191	AEM15-B8*	54691	8	0.4	17	1290	157	10	<1	9	20
192	AEM15-B7	54692	14	0.2	190	2630	607	40	<1	6	180
193	AEM15-B6	54693	11	0.1	11	1350	100	10	<1	53	40
194	AEM15-B5	54694	3	0.1	22	70	33	40	<1	619	130
195	AEM15-B4	54695	1	0.1	17	40	25	30	<1	585	40
196	AEM15-B3	54696	1	0.1	15	170	33	60	<1	1550	150
197	AEM15-B2	54697	1	0.2	5	20	18	30	<1	843	70
198	AEM15-B1	54698	5	0.1	43	390	89	20	<1	20	60
199	AEM22-A1	54699	4	0.3	5	220	24	50	<1	7	40
200	AEM22-A2	54700	12	0.7	5	250	41	40	<1	7	40
201	AEM22-A3	54701	13	0.4	5	520	117	40	<1	7	40
202	AEM22-A4	54702	5	0.3	5	250	38	50	<1	7	20
203	AEM22-A5	54703	5	0.3	5	220	31	40	<1	8	20
204	AEM22-A6	54704	6	0.3	5	250	34	50	<1	8	20
205	AEM22-A7	54705	14	0.3	5	470	92	50	<1	8	20
206	AEM22-A8*	54706	9	0.3	7	420	54	60	<1	12	20
207	AEM22-A9	54707	11	0.3	5	300	105	30	<1	4	20
208	AEM22-A10	54708	13	0.4	5	290	160	20	<1	8	20
209	AEM22-A11	54709	14	0.5	18	870	139	60	<1	11	30
210	AEM22-A12	54710	7	0.2	32	580	106	70	<1	8	50
211	AEM22-A13	54711	18	0.4	5	490	48	30	<1	9	40
212	AEM22-A14	54712	2	0.2	17	220	30	250	<1	1690	150
213	AEM3-C14	54713	4	0.5	38	340	109	50	<1	9	40
214	AEM3-C13	54714	10	0.2	20	570	186	170	<1	14	50
215	AEM3-C12	54715	12	0.4	133	590	204	30	<1	3	20
216	AEM3-C11	54716	11	0.2	29	500	186	100	<1	3	80
217	AEM3-C10	54717	4	0.3	58	2620	122	170	<1	18	30
218	AEM3-C9	54718	10	0.3	24	1160	136	50	<1	3	30
219	AEM3-C8*	54719	3	0.3	5	290	27	30	<1	10	20
220	AEM3-C7	54720	7	0.4	5	360	47	30	<1	8	30
221	AEM3-C6	54721	11	0.4	121	900	231	20	<1	3	30
222	AEM3-C5	54722	5	0.4	5	330	30	40	<1	7	20
223	AEM3-C4	54723	10	0.4	5	770	58	70	<1	10	20
224	AEM3-C3	54724	11	0.4	5	590	61	30	<1	7	20
225	AEM3-C2	54725	8	0.6	5	280	28	20	<1	8	20
226	AEM3-C1	54726	7	0.5	5	440	38	50	<1	8	20
227	AEM23-B14	54727	5	0.1	5	180	25	20	<1	9	20
228	AEM23-B13	54728	3	0.2	5	150	23	20	<1	8	30
229	AEM23-B12	54729	4	0.1	6	220	57	30	<1	16	20
230	AEM23-B11	54730	4	0.3	5	200	39	40	<1	10	30
231	AEM23-B10	54731	6	0.2	5	250	64	20	<1	8	30
232	AEM23-B9	54732	4	0.2	5	220	45	30	<1	9	30
233	AEM23-B8	54733	5	0.2	5	280	66	30	<1	13	50
234	AEM23-B7	54734	<1	0.1	15	50	312	40	<1	3	850
235	AEM23-B6	54735	8	0.3	27	2390	139	400	<1	25	30
236	AEM23-B5	54736	5	0.1	32	2270	48	220	<1	13	20
237	AEM23-B4	54737	<1	0.1	7	30	227	20	<1	3	710
238	AEM21-B1	54738	7	0.2	5	270	34	30	<1	8	20
239	AEM21-B2	54739	5	0.3	7	390	59	40	<1	8	20
240	AEM21-B3	54740	5	0.2	5	200	33	10	<1	11	20

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
241	AEM21-B4	54741	13	0.3	5	630	96	10	<1	9	20
242	AEM21-B5	54742	4	0.1	12	370	125	140	<1	38	90
243	AEM21-B6	54743	7	0.2	5	510	109	30	<1	11	20
244	AEM21-B7	54744	4	0.3	5	420	39	80	<1	8	30
245	AEM21-B8*	54745	6	0.3	5	410	47	50	<1	9	30
246	AEM21-B9	54746	7	0.5	5	350	44	30	<1	8	20
247	AEM21-B10	54747	13	0.1	12	430	151	40	<1	3	40
248	AEM21-B11	54748	9	0.4	7	370	87	20	<1	8	20
249	AEM21-B12	54749	6	0.3	10	320	55	30	<1	8	30
250	AEM21-B13	54750	7	0.2	8	420	136	30	<1	10	20
251	AEM21-B14	54751	4	0.4	5	310	35	10	<1	9	20
252	AEM20-A1	54752	3	0.1	9	250	56	20	<1	13	20
253	AEM20-A2	54753	3	0.2	5	100	23	10	<1	9	20
254	AEM20-A3	54754	2	0.2	5	140	23	10	<1	8	20
255	AEM20-A4	54755	2	0.1	24	160	32	20	<1	12	20
256	AEM20-A5	54756	4	0.5	5	150	21	30	<1	59	30
257	AEM20-A6	54757	3	0.3	5	190	52	50	2	87	150
258	AEM20-A7	54758	5	0.3	12	440	58	10	<1	15	20
259	AEM20-A8*	54759	3	1.4	5	200	33	10	<1	8	20
260	AEM20-A9	54760	4	0.3	5	150	37	10	<1	9	20
261	AEM20-A10	54761	3	0.1	7	200	85	70	<1	123	50
262	AEM20-A11	54762	5	1.1	5	280	47	20	<1	10	50
263	AEM20-A12	54763	3	0.1	20	360	193	270	<1	79	300
264	AEM20-A13	54764	5	0.1	6	240	56	30	<1	9	20
265	AEM20-A14	54765	5	0.2	5	250	24	40	<1	9	20
266	AEM20-B14	54766	2	0.2	5	160	27	20	<1	9	20
267	AEM20-B13	54767	5	0.1	5	110	31	20	<1	9	20
268	AEM20-B12	54768	3	0.2	8	110	41	20	<1	81	20
269	AEM20-B11	54769	1	0.1	5	100	49	60	<1	112	20
270	AEM20-B10	54770	2	0.1	13	110	71	30	<1	251	20
271	AEM20-B9	54771	3	0.2	6	390	32	30	<1	9	20
272	AEM20-B8*	54772	5	0.2	19	370	68	20	<1	11	30
273	AEM20-B7	54773	5	0.3	5	250	35	10	<1	10	20
274	AEM20-B6	54774	2	0.1	5	130	22	10	<1	9	20
275	AEM20-B5	54775	5	0.3	6	270	75	20	<1	10	20
276	AEM20-B4	54776	2	0.1	5	20	23	10	<1	84	20
277	AEM20-B3	54777	4	0.5	5	130	29	20	<1	9	20
278	AEM20-B2	54778	5	0.1	5	140	41	20	<1	11	30
279	AEM20-B1	54779	6	0.1	7	220	39	30	<1	11	20
280	AEM24-A1	54780	6	0.3	62	810	149	20	<1	7	50
281	AEM24-A2	54781	6	0.2	6	790	64	40	<1	451	40
282	AEM24-A3	54782	6	0.4	5	480	69	40	<1	669	30
283	AEM24-A4	54783	5	0.2	10	830	45	50	<1	754	60
284	AEM24-A5	54784	8	0.2	5	440	41	20	<1	10	40
285	AEM24-A6	54785	8	0.2	12	400	95	50	<1	5	60
286	AEM24-A7	54786	9	0.2	14	570	31	100	<1	30	20
287	AEM24-A8*	54787	10	0.1	12	630	55	20	<1	5	60
288	AEM24-A9	54788	7	0.2	5	320	37	20	<1	56	30
289	AEM24-A10	54789	8	0.2	5	250	18	30	<1	3	30
290	AEM24-A11	54790	4	0.3	5	290	22	30	<1	3	30
291	AEM24-A12	54791	9	0.3	10	330	60	50	<1	6	40
292	AEM24-A13	54792	10	0.3	5	250	21	40	<1	3	30
293	AEM24-A14	54793	4	0.3	5	220	14	40	<1	3	30
294	AEM24-B14	54794	1	0.1	19	160	39	140	<1	37	380
295	AEM24-B13	54795	1	0.1	22	100	35	90	<1	7	640
296	AEM24-B12	54796	1	0.1	12	70	30	190	<1	32	590
297	AEM24-B11	54797	1	0.1	30	30	20	160	<1	59	310
298	AEM24-B10	54798	1	0.1	56	120	21	190	<1	20	1140
299	AEM24-B9	54799	8	0.2	44	840	114	60	<1	496	50
300	AEM24-B8*	54800	1	0.1	19	30	19	120	<1	7	530

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
301	AEM24-B7	54801	10	0.2	47	1270	88	30	<1	27	30
302	AEM24-B6	54802	6	0.1	6	520	58	20	<1	303	30
303	AEM24-B5	54803	4	0.2	6	440	45	10	<1	98	40
304	AEM24-B4	54804	6	0.3	5	400	19	30	<1	3	30
305	AEM24-B3	54805	10	1.9	5	290	64	10	<1	6	40
306	AEM24-B2	54806	7	0.1	9	480	258	30	<1	39	20
307	AEM24-B1	54807	10	0.2	5	250	64	10	<1	3	20
308	AEM26-A1	54808	16	0.2	21	820	104	80	<1	11	40
309	AEM26-A2	54809	11	0.2	48	650	150	160	<1	42	70
310	AEM26-A3	54810	15	0.2	78	1000	235	80	<1	3	30
311	AEM26-A4	54811	6	0.3	6	540	38	40	<1	3	40
312	AEM26-A5	54812	10	0.2	19	200	21	70	<1	3	20
313	AEM26-A6	54813	5	0.1	8	150	47	10	<1	3	20
314	AEM26-A7	54814	10	0.2	12	480	106	70	<1	3	30
315	AEM26-A8*	54815	5	0.3	8	170	37	10	<1	3	20
316	AEM26-A9	54816	5	0.3	5	150	16	30	<1	3	20
317	AEM26-A10	54817	4	0.3	5	320	29	20	<1	3	20
318	AEM26-A11	54818	5	0.3	7	510	68	40	<1	3	20
319	AEM26-A12	54819	10	0.2	46	620	134	120	<1	4	20
320	AEM26-A13	54820	7	0.3	18	490	90	70	<1	3	20
321	AEM26-A14	54821	12	0.3	34	390	67	110	<1	3	30
322	AEM26-B14	54822	6	0.2	20	340	119	90	<1	3	20
323	AEM26-B13	54823	4	0.3	5	180	22	60	<1	3	20
324	AEM26-B12	54824	7	0.3	22	420	88	80	<1	3	20
325	AEM26-B11	54825	8	0.2	5	180	27	50	<1	3	20
326	AEM26-B10	54826	3	0.6	5	220	42	20	<1	3	20
327	AEM26-B9	54827	14	0.5	92	680	171	60	<1	3	20
328	AEM26-B8*	54828	10	0.4	5	280	62	110	<1	3	20
329	AEM26-B7	54829	15	0.3	87	640	349	90	<1	3	20
330	AEM26-B6	54830	6	0.4	107	530	211	130	<1	3	30
331	AEM26-B5	54831	22	0.3	5	440	62	50	<1	3	20
332	AEM26-B4	54832	19	0.4	10	570	74	30	<1	3	30
333	AEM26-B3	54833	20	0.4	26	1080	286	50	<1	3	20
334	AEM26-B2	54834	9	0.4	12	800	67	60	<1	3	30
335	AEM26-B1	54835	21	0.3	49	840	394	60	<1	3	120
336	AEM25-A1	54836	11	0.3	9	680	102	30	<1	3	60
337	AEM25-A2	54837	8	0.2	49	1830	151	500	<1	29	70
338	AEM25-A3	54838	8	0.2	22	660	66	40	<1	18	40
339	AEM25-A4	54839	9	0.4	17	520	62	70	<1	3	30
340	AEM25-A5	54840	7	0.3	20	930	103	60	<1	21	20
341	AEM25-A6	54841	7	0.3	5	380	21	30	<1	3	30
342	AEM25-A7	54842	1	0.1	46	60	28	710	<1	34	1130
343	AEM25-A8*	54843	6	0.2	5	320	27	60	<1	3	30
344	AEM25-A9	54844	6	0.2	13	460	56	60	<1	3	40
345	AEM25-A10	54845	2	0.1	15	590	133	100	<1	3	240
346	AEM25-A11	54846	9	0.2	12	1190	48	60	<1	175	20
347	AEM25-A12	54847	5	0.1	11	820	78	150	<1	925	70
348	AEM25-A13	54848	9	0.2	13	1560	98	100	<1	142	20
349	AEM25-A14	54849	11	0.2	11	1850	132	120	<1	565	20
350	AEM25-B14	54850	7	0.5	13	360	46	70	<1	35	90
351	AEM25-B13	54851	17	0.4	12	310	36	50	<1	<3	40
352	AEM25-B12	54852	<1	<0.1	53	190	77	110	<1	22	410
353	AEM25-B11	54853	12	0.3	6	790	82	30	<1	6	<20
354	AEM25-B10	54854	6	0.3	11	440	47	40	<1	12	20
355	AEM25-B9	54855	10	0.3	24	1090	134	50	<1	9	20
356	AEM25-B8*	54856	9	0.2	13	400	57	70	<1	30	50
357	AEM25-B7	54857	8	0.2	31	440	130	<10	<1	16	70
358	AEM25-B6	54858	3	0.3	<5	280	18	20	<1	4	<20
359	AEM25-B5	54859	5	0.3	<5	350	34	20	<1	12	30
360	AEM25-B4	54860	6	0.3	51	620	101	50	<1	28	40

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
361	AEM25-B3	54861	13	0.2	<5	590	66	20	<1	12	<20
362	AEM25-B2	54862	13	0.4	<5	480	45	50	<1	7	20
363	AEM25-B1	54863	9	<0.1	8	700	258	40	<1	<3	100
364	AEM23-A10	54864	5	0.3	9	280	60	10	<1	4	40
365	AEM23-A9	54865	7	0.2	10	260	77	20	<1	5	40
366	AEM23-A8*	54866	<1	<0.1	39	260	221	170	<1	17	1110
367	AEM23-A7	54867	6	0.4	15	500	90	30	<1	113	60
368	AEM23-A6	54868	10	0.2	144	2220	120	40	<1	17	40
369	AEM23-A5	54869	17	0.1	107	180	53	30	<1	<3	60
370	AEM23-A4	54870	18	0.2	8	400	73	30	<1	3	70
371	AEM23-A3	54871	6	0.2	7	430	84	50	<1	63	60
372	AEM23-A2	54872	14	0.2	<5	190	17	40	<1	<3	60
373	AEM23-A1	54873	9	<0.1	23	510	118	50	<1	11	60
374	AEM31-A1	54874	1	<0.1	99	40	72	250	<1	1300	90
375	AEM31-A2	54875	<1	<0.1	18	130	34	130	<1	750	30
376	AEM31-A3	54876	<1	<0.1	55	590	74	40	<1	14	210
377	AEM31-A5	54877	5	<0.1	58	310	115	240	<1	1180	220
378	AEM31-A6	54878	<1	<0.1	172	220	86	300	<1	989	1540
379	AEM31-A7	54879	<1	<0.1	21	850	102	<10	<1	<3	160
380	AEM31-A8*	54880	<1	<0.1	44	1520	189	<10	<1	<3	30
381	AEM31-A9	54881	<1	<0.1	16	160	35	20	<1	<3	420
382	AEM31-A10	54882	<1	<0.1	39	1030	56	40	<1	<3	440
383	AEM31-A11	54883	<1	<0.1	31	200	32	20	<1	<3	30
384	AEM31-A12	54884	<1	<0.1	42	40	24	50	<1	<3	860
385	AEM31-A13	54885	<1	<0.1	26	60	22	70	<1	<3	650
386	AEM31-A14	54886	<1	<0.1	24	220	50	30	<1	18	340
387	AEM31-B14	54887	<1	<0.1	22	70	53	<10	<1	<3	890
388	AEM31-B13	54888	<1	<0.1	25	40	27	30	<1	<3	1130
389	AEM31-B12	54889	<1	<0.1	18	50	36	20	<1	<3	850
390	AEM31-B11	54890	<1	<0.1	11	20	24	30	<1	<3	660
391	AEM31-B10	54891	<1	<0.1	23	30	25	<10	<1	<3	640
392	AEM31-B9	54892	<1	<0.1	14	50	32	20	<1	<3	900
393	AEM31-B8*	54893	<1	<0.1	35	30	32	<10	<1	<3	420
394	AEM31-B7	54894	<1	<0.1	23	40	35	20	<1	<3	520
395	AEM31-B6	54895	<1	<0.1	15	70	43	240	<1	4	1050
396	AEM31-B5	54896	<1	0.2	26	170	42	<10	<1	<3	140
397	AEM31-B4	54897	<1	<0.1	14	50	33	30	<1	<3	440
398	AEM31-B3	54898	<1	<0.1	17	10	10	<10	<1	<3	490
399	AEM31-B2	54899	<1	<0.1	10	10	10	10	<1	<3	590
400	AEM31-B1	54900	<1	<0.1	12	<10	10	<10	<1	<3	90
401	AEM16-C14	54901	5	0.2	27	210	41	20	<1	12	20
402	AEM16-C13	54902	1	0.6	17	40	14	80	<1	1080	20
403	AEM16-C12	54903	1	0.1	16	10	23	90	<1	814	20
404	AEM16-C11	54904	1	0.1	16	40	5	90	<1	801	20
405	AEM16-C10	54905	5	0.2	50	550	79	70	<1	13	30
406	AEM16-C9	54906	8	0.3	100	1750	143	90	<1	8	20
407	AEM16-C8*	54907	2	0.1	24	40	10	40	<1	89	20
408	AEM16-C7	54908	4	0.2	49	30	22	40	<1	492	40
409	AEM16-C6	54909	3	0.1	28	120	46	50	<1	248	40
410	AEM16-C5	54910	7	0.1	64	370	73	190	<1	217	30
411	AEM16-C4	54911	2	0.1	12	130	26	100	<1	181	20
412	AEM16-C3	54912	5	0.3	58	300	91	40	<1	14	30
413	AEM16-C2	54913	1	0.1	10	10	22	50	<1	853	20
414	AEM16-C1	54914	1	0.1	22	50	8	90	<1	129	80
415	AEM22-B1	54915	11	0.2	15	210	143	140	<1	28	270
416	AEM22-B2	54916	9	0.2	12	270	161	140	<1	19	210
417	AEM22-B3	54917	17	0.6	9	560	156	50	<1	<3	50
418	AEM22-B4	54918	19	0.4	12	390	160	30	<1	<3	70
419	AEM22-B5	54919	8	0.1	29	210	357	60	<1	4	100
420	AEM22-B6	54920	9	0.3	5	280	112	20	<1	8	20

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
421	AEM22-B7	54921	15	0.4	5	560	117	60	<1	6	20
422	AEM22-B8*	54922	17	0.3	6	630	97	40	<1	7	20
423	AEM22-B9	54923	8	0.6	5	280	34	40	<1	6	20
424	AEM22-B10	54924	9	0.4	7	440	65	40	<1	9	40
425	AEM22-B11	54925	4	0.5	5	210	33	50	<1	9	20
426	AEM22-B12	54926	17	0.3	5	430	57	30	<1	8	20
427	AEM22-B13	54927	11	0.4	8	330	47	30	<1	9	20
428	AEM22-B14	54928	10	0.4	5	380	55	30	<1	8	20
429	Mine-A1	54929	1	0.1	11	30	31	100	<1	17	1260
430	Mine-A2	54930	1	0.1	14	30	35	250	<1	42	1420
431	Mine-A3	54931	1	0.1	8	30	35	60	<1	25	750
432	Mine-A4	54932	1	0.1	7	20	32	20	<1	17	670
433	Mine-A5	54933	1	0.1	15	30	30	30	<1	3	970
434	Mine-A6	54934	1	0.1	14	30	32	40	<1	10	1050
435	Mine-A7	54935	1	0.1	6	10	33	30	<1	4	580
436	Mine-A8	54936	1	0.1	9	30	30	30	<1	8	1390
437	Mine-A9	54937	1	0.1	10	20	35	70	<1	12	1060
438	Mine-A10	54938	1	0.1	10	20	32	40	<1	7	970
439	Mine-A11	54939	1	0.1	21	20	29	40	<1	19	1060
440	Mine-A12	54940	1	0.1	28	40	35	30	<1	6	980
441	Mine-A13	54941	1	0.1	9	30	31	40	<1	19	870
442	Mine-A14	54942	1	0.1	13	20	26	40	<1	20	1190
443	Mine-A15	54943	1	0.1	12	30	34	60	<1	32	960
444	Mine-A16	54944	1	0.1	20	40	29	50	<1	17	1030
445	Mine-A17	54945	1	0.1	13	30	30	30	<1	11	700
446	Mine-B1	54946	1	0.1	5	20	45	90	<1	13	650
447	Mine-B2	54947	1	0.1	12	20	31	50	<1	24	950
448	Mine-B3	54948	1	0.1	11	30	48	50	<1	22	410
449	Mine-B4	54949	1	0.1	12	30	45	40	<1	32	690
450	Mine-B5	54950	1	0.1	19	50	53	60	<1	11	450
451	Mine-B6	54951	1	0.1	9	20	27	40	<1	10	1090
452	Mine-B7	54952	1	0.1	10	30	32	50	<1	5	1390
453	Mine-B8	54953	1	0.1	8	20	35	20	<1	3	1170
454	Mine-B9	54954	1	0.1	16	20	32	80	<1	9	1400
455	Mine-B10	54955	1	0.1	15	20	32	30	<1	4	1160
456	Mine-B11	54956	1	0.1	12	20	40	40	<1	10	380
457	Mine-B12	54957	1	0.1	11	30	32	240	<1	12	1140
458	Mine-B13	54958	1	0.1	6	10	39	30	<1	8	540
459	AEM21-A1	54959	12	0.1	20	400	145	70	<1	9	100
460	AEM21-A2	54960	4	0.2	25	510	86	60	<1	9	30
461	AEM21-A3	54961	11	0.1	14	400	128	90	3	14	30
462	AEM21-A4	54962	10	0.2	11	630	127	40	<1	3	20
463	AEM21-A5	54963	7	0.2	8	520	126	20	<1	3	<20
464	AEM21-A6	54964	3	0.1	25	570	60	40	<1	9	60
465	AEM21-A7	54965	4	0.3	39	500	96	40	<1	6	30
466	AEM21-A8*	54966	3	0.1	16	310	45	20	<1	6	20
467	AEM21-A9	54967	4	0.3	30	570	90	50	<1	6	30
468	AEM21-A10	54968	8	0.3	10	510	113	40	<1	9	30
469	AEM21-A11	54969	7	0.1	5	240	270	30	<1	10	20
470	AEM21-A12	54970	4	0.1	5	330	58	20	<1	25	<20
471	AEM21-A13	54971	5	0.2	43	550	100	80	<1	12	30
472	AEM21-A14	54972	3	0.2	10	650	52	20	<1	8	30
473	AEM31a-B1	54973	2	0.2	<5	450	14	10	<1	5	50
474	AEM31a-B2	54974	3	0.1	<5	710	34	<10	<1	182	40
475	AEM31a-B3	54975	6	0.2	<5	830	54	<10	<1	53	20
476	AEM31a-B4	54976	2	0.3	<5	500	19	10	<1	5	50
477	AEM31a-B5	54977	4	0.2	9	420	118	20	<1	124	30
478	AEM31a-B6	54978	4	0.8	<5	440	21	20	<1	<3	<20
479	AEM31a-B7	54979	28	0.3	<5	230	51	90	<1	<3	20
480	AEM31a-B8*	54980	25	0.2	<5	650	191	170	<1	<3	40

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
481	AEM31a-B9	54981	6	0.1	17	460	312	130	<1	<3	20
482	AEM31a-B10	54982	21	0.4	12	470	53	60	<1	<3	20
483	AEM31a-B11	54983	2	<0.1	89	130	79	140	<1	4230	60
484	AEM31a-B12	54984	1	<0.1	37	190	96	180	<1	4800	70
485	AEM31a-B13	54985	3	<0.1	33	140	81	240	<1	3280	40
486	AEM31a-B14	54986	8	<0.1	34	410	53	100	<1	7	<20
487	AEM31a-A14	54987	9	0.3	<5	370	34	30	<1	<3	<20
488	AEM31a-A13	54988	4	0.3	<5	330	31	10	<1	11	<20
489	AEM31a-A12	54989	6	0.4	<5	300	34	20	<1	<3	<20
490	AEM31a-A11	54990	15	0.1	5	930	507	120	<1	<3	<20
491	AEM31a-A10	54991	6	0.2	9	600	137	40	<1	185	<20
492	AEM31a-A9	54992	19	0.4	<5	420	74	70	<1	<3	70
493	AEM31a-A8*	54993	6	0.4	25	750	88	50	<1	3	<20
494	AEM31a-A7	54994	19	0.4	7	570	127	40	<1	<3	80
495	AEM31a-A6	54995	19	0.3	<5	770	107	20	<1	3	<20
496	AEM31a-A5	54996	3	0.3	<5	550	33	<10	<1	101	<20
497	AEM31a-A4	54997	1	<0.1	29	290	207	210	<1	122	420
498	AEM31a-A3	54998	5	0.1	7	910	83	20	<1	30	70
499	AEM31a-A2	54999	5	0.4	7	990	55	40	<1	403	140
500	AEM31a-A1	55000	9	0.3	<5	1790	140	20	<1	25	60
501	AEM26-A15	97000	5	0.1	15	130	34	30	<1	145	<20
502	AEM26-A16	97001	3	<0.1	8	70	24	10	<1	396	<20
503	AEM26-A17	97002	19	0.4	<5	410	85	40	<1	<3	<20
504	AEM26-A18*	97003	18	0.4	<5	400	79	40	<1	3	<20
505	AEM26-A19	97004	19	0.3	12	350	128	50	<1	<3	<20
506	AEM26-A20	97005	12	0.4	<5	320	54	<10	<1	<3	<20
507	AEM26-A21	97006	14	0.2	<5	90	37	<10	<1	3	<20
508	AEM26-A22	97007	52	0.4	6	400	115	50	<1	5	<20
509	AEM26-A23	97008	6	0.1	12	720	149	150	<1	<3	110
510	AEM24-C1	97009	4	0.1	21	430	58	20	<1	241	<20
511	AEM24-C2	97010	7	0.2	<5	660	49	40	<1	50	30
512	AEM24-C3	97011	4	0.4	<5	510	30	10	<1	12	30
513	AEM24-C4	97012	8	0.3	30	800	71	40	<1	58	<20
514	AEM24-C5	97013	4	0.1	6	390	102	30	<1	217	<20
515	AEM24-C6	97014	6	0.4	<5	340	31	30	<1	7	<20
516	AEM24-C7	97015	12	0.3	<5	300	27	30	<1	<3	<20
517	AEM24-C8*	97016	11	0.4	<5	330	39	30	<1	<3	<20
518	AEM24-C9	97017	15	0.4	<5	360	76	40	<1	7	<20
519	AEM24-C10	97018	14	0.3	6	590	74	80	<1	<3	<20
520	AEM24-C11	97019	12	0.2	<5	540	139	60	<1	<3	40
521	AEM24-C12	97020	7	0.3	<5	290	29	30	<1	4	<20
522	AEM24-C13	97021	14	0.2	<5	260	119	30	<1	6	<20
523	AEM24-C14	97022	9	0.2	<5	520	95	20	<1	<3	<20
524	AEM26-B15	97023	3	0.1	28	110	54	170	<1	1060	50
525	AEM26-B16	97024	9	0.2	11	290	100	30	<1	4	<20
526	AEM26-B17	97025	2	0.3	<5	290	27	40	<1	<3	<20
527	AEM26-B18*	97026	2	0.2	<5	280	24	40	<1	<3	<20
528	AEM26-B19	97027	10	0.3	9	540	111	60	<1	<3	<20
529	AEM26-B20	97028	7	0.4	<5	460	80	50	<1	<3	<20
530	AEM26-B21	97029	10	0.4	<5	370	44	30	<1	<3	<20
531	AEM26-B22	97030	25	0.4	<5	420	125	20	<1	<3	<20
532	AEM26-B23	97031	43	0.4	<5	470	71	20	<1	<3	<20
533	AEM1-E1	97032	11	<0.1	142	180	55	370	<1	6060	850
534	AEM1-E2	97033	10	<0.1	43	150	69	330	<1	3080	260
535	AEM1-E3	97034	6	<0.1	60	140	121	380	<1	3310	2180
536	AEM1-E4	97035	12	<0.1	138	130	46	400	<1	7390	480
537	AEM1-E5	97036	8	<0.1	62	190	78	210	<1	13000	300
538	AEM1-E6	97037	19	<0.1	47	80	87	210	<1	918	1470
539	AEM1-E7	97038	24	<0.1	63	100	75	350	<1	1770	840
540	AEM1-E8*	97039	23	<0.1	43	120	59	300	<1	1280	190

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
541	AEM1-E9	97040	4	<0.1	33	90	116	220	<1	7680	2340
542	AEM1-E10	97041	13	<0.1	75	140	93	260	<1	1440	650
543	AEM1-E11	97042	10	<0.1	47	100	56	160	<1	3070	330
544	AEM1-E12	97043	14	<0.1	61	140	88	380	<1	5640	750
545	AEM1-E13	97044	6	<0.1	149	80	95	340	<1	3120	2670
546	AEM1-E14	97045	10	<0.1	62	70	74	340	<1	4280	80
547	AEM1-D14	97046	5	0.1	11	200	63	30	<1	76	40
548	AEM1-D13	97047	2	0.2	39	170	105	340	<1	2240	50
549	AEM1-D12	97048	1	<0.1	22	30	75	130	<1	1190	30
550	AEM1-D11	97049	3	<0.1	18	60	39	220	<1	640	<20
551	AEM1-D10	97050	16	<0.1	69	150	123	300	<1	513	50
552	AEM1-D9	97051	4	<0.1	72	90	63	290	<1	3800	160
553	AEM1-D8*	97052	14	<0.1	38	70	86	490	<1	2000	100
554	AEM1-D7	97053	15	<0.1	37	80	64	470	<1	1230	300
555	AEM1-D6	97054	7	<0.1	20	120	103	260	<1	595	660
556	AEM1-D5	97055	6	0.1	19	150	61	290	<1	1000	160
557	AEM1-D4	97056	8	<0.1	23	80	95	340	<1	430	110
558	AEM1-D3	97057	17	<0.1	37	100	76	300	<1	2040	80
559	AEM1-D2	97058	7	<0.1	49	100	56	280	<1	2210	50
560	AEM1-D1	97059	6	0.3	8	290	30	250	<1	724	130
561	AEM 31a-C1	97060	14	0.4	15	580	323	230	<1	<3	<20
562	AEM 31a-C2	97061	8	0.4	11	640	112	110	<1	12	20
563	AEM 31a-C3	97062	10	0.3	19	870	107	40	<1	<3	<20
564	AEM 31a-C4	97063	20	0.2	23	1100	164	50	<1	<3	<20
565	AEM 31a-C5	97064	9	0.2	33	220	118	330	<1	309	30
566	AEM 31a-C6	97065	5	0.3	9	320	190	240	<1	8	50
567	AEM 31a-C7	97066	11	0.3	13	1000	290	150	<1	<3	20
568	AEM 31a-C8*	97067	3	0.2	18	490	180	230	<1	<3	60
569	AEM 31a-C9	97068	16	0.3	9	650	152	60	<1	<3	30
570	AEM 31a-C10	97069	6	0.2	20	500	178	150	<1	6	250
571	AEM 31a-C11	97070	17	0.3	<5	950	85	110	<1	<3	30
572	AEM 31a-C12	97071	10	0.2	8	780	169	60	<1	<3	110
573	AEM 31a-C13	97072	10	0.2	31	530	92	110	<1	<3	70
574	AEM 31a-C14	97073	4	0.2	91	370	118	40	<1	156	60
575	AEM 31-C1	97074	8	<0.1	202	450	100	110	<1	9	70
576	AEM 31-C2	97075	14	0.1	111	2110	101	170	<1	<3	90
577	AEM 31-C3	97076	13	0.2	29	5310	49	310	<1	10	50
578	AEM 31-C4	97077	8	0.2	131	4410	236	780	<1	45	170
579	AEM 31-C5	97078	<1	0.4	77	1140	51	100	<1	12	170
580	AEM 31-C6	97079	14	0.4	72	5050	173	620	<1	14	30
581	AEM 31-C7	97080	<1	0.2	54	1730	72	40	<1	8	80
582	AEM 31-C8*	97081	<1	0.1	65	1870	74	40	<1	7	90
583	AEM 31-C9	97082	2	0.3	29	850	40	100	<1	280	50
584	AEM 31-C10	97083	4	0.1	83	1080	92	20	<1	110	<20
585	AEM 31-C11	97084	3	0.3	99	1410	121	60	<1	35	<20
586	AEM 31-C13	97085	2	<0.1	234	730	272	170	<1	21100	660
587	AEM 31-C14	97086	6	0.1	53	170	44	210	<1	1150	40
588	AEM 14-C1	97087	<1	<0.1	61	80	56	40	<1	<3	720
589	AEM 14-C2	97088	2	<0.1	19	250	108	60	<1	6	310
590	AEM 14-C3	97089	5	0.2	<5	390	58	<10	<1	13	<20
591	AEM 14-C4	97090	5	0.4	16	410	109	20	<1	<3	<20
592	AEM 14-C5	97091	4	0.2	123	330	105	130	<1	888	<20
593	AEM 14-C6	97092	6	0.4	5	650	59	30	<1	<3	30
594	AEM 14-C7	97093	2	0.1	81	380	59	210	1	5530	110
595	AEM 14-C8*	97094	1	0.3	50	590	34	140	1	4030	40
596	AEM 14-C9	97095	2	<0.1	61	150	50	160	<1	7820	40
597	AEM 14-C10	97096	11	0.1	64	220	85	170	<1	3420	40
598	AEM 14-C11	97097	8	0.3	<5	390	160	30	<1	11	70
599	AEM 14-C12	97098	14	0.3	20	900	137	50	<1	<3	20
600	AEM 14-C13	97099	20	0.4	5	850	259	90	<1	<3	20

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
601	AEM 14-C14	97100	14	0.5	8	1000	162	80	<1	<3	<20
602	AEM 14-D1	97101	<1	<0.1	45	60	33	150	<1	63	370
603	AEM 14-D2	97102	<1	<0.1	40	160	51	20	<1	5	540
604	AEM 14-D3	97103	<1	<0.1	42	80	47	120	<1	27	70
605	AEM 14-D4	97104	7	<0.1	172	1070	182	260	<1	14	60
606	AEM 14-D5	97105	<1	<0.1	78	20	24	210	<1	<3	790
607	AEM 14-D6	97106	<1	<0.1	70	130	45	50	<1	<3	640
608	AEM 14-D7	97107	<1	<0.1	15	30	57	80	<1	<3	510
609	AEM 14-D8*	97108	<1	<0.1	19	40	60	110	<1	<3	410
610	AEM 14-D9	97109	3	0.3	<5	210	36	10	<1	37	<20
611	AEM 14-D10	97110	3	0.3	6	400	50	20	<1	206	<20
612	AEM 14-D11	97111	3	0.2	<5	250	49	<10	<1	31	<20
613	AEM 14-D12	97112	7	<0.1	12	510	223	40	<1	<3	<20
614	AEM 14-D13	97113	5	0.2	17	650	53	20	<1	<3	<20
615	AEM 14-D14	97114	1	0.2	32	230	18	50	<1	541	40
616	AEM 14-B14	97115	4	0.3	46	440	194	220	<1	13	80
617	AEM 14-B13	97116	6	0.3	30	690	201	120	<1	<3	40
618	AEM 14-B12	97117	5	0.1	14	370	211	210	<1	49	240
619	AEM 14-B11	97118	11	0.2	12	550	232	140	<1	12	140
620	AEM 14-B10	97119	7	0.3	<5	600	204	70	<1	7	170
621	AEM 14-B9	97120	1	<0.1	24	150	99	150	<1	8870	90
622	AEM 14-B8*	97121	<1	0.4	52	320	43	160	<1	2810	30
623	AEM 14-B7	97122	<1	<0.1	59	300	59	170	<1	2640	40
624	AEM 14-B6	97123	<1	0.2	56	200	22	80	<1	1800	30
625	AEM 14-B5	97124	2	<0.1	40	200	52	140	<1	1480	650
626	AEM 14-B4	97125	4	0.3	7	430	43	20	<1	25	70
627	AEM 14-B3	97126	2	0.2	18	220	40	40	<1	235	30
628	AEM 14-B2	97127	4	0.2	<5	470	52	10	<1	<3	<20
629	AEM 14-B1	97128	3	0.3	14	490	65	20	<1	4	30
630	AEM 14-A1	97129	8	0.1	5	710	87	<10	<1	3	30
631	AEM 14-A2	97130	9	0.2	14	740	93	<10	<1	<3	20
632	AEM 14-A3	97131	3	<0.1	33	200	73	110	<1	506	60
633	AEM 14-A4	97132	3	0.1	115	520	136	350	<1	663	250
634	AEM 14-A5	97133	3	0.1	11	370	54	50	<1	90	<20
635	AEM 14-A6	97134	1	0.1	19	400	55	80	<1	797	<20
636	AEM 14-A7	97135	3	0.2	<5	420	45	20	<1	3	<20
637	AEM 14-A8*	97136	5	0.2	13	480	108	20	<1	<3	<20
638	AEM 14-A9	97137	5	0.2	16	620	56	30	<1	<3	<20
639	AEM 14-A10	97138	8	0.1	15	410	158	80	<1	5	90
640	AEM 14-A11	97139	10	0.1	9	430	244	50	<1	4	330
641	AEM 14-A12	97140	9	0.3	<5	410	74	30	<1	<3	40
642	AEM 14-A13	97141	11	0.4	44	830	179	70	<1	<3	60
643	AEM 14-A14	97142	7	<0.1	22	150	79	140	<1	2460	850
644	AEM 10-A5	97143	<1	<0.1	36	60	67	40	<1	49	640
645	AEM 10-A6	97144	<1	<0.1	63	110	68	40	<1	30	1330
646	AEM 10-A7	97145	1	<0.1	31	70	71	50	<1	39	1090
647	AEM 10-A8*	97146	1	<0.1	22	50	63	60	<1	29	1070
648	AEM 10-A9	97147	1	<0.1	54	150	72	20	<1	29	1690
649	AEM 10-A10	97148	<1	<0.1	34	60	57	120	<1	23	1760
650	AEM 10-A11	97149	<1	<0.1	16	30	52	100	<1	32	1540
651	AEM 10-A12	97150	<1	<0.1	30	90	61	100	<1	40	1490
652	AEM 10-A13	97151	<1	<0.1	21	40	57	120	<1	19	2340
653	AEM 10-A14	97152	<1	<0.1	30	80	61	60	<1	26	1870
654	AEM 11-A14	97153	1	<0.1	11	50	53	260	<1	4070	<20
655	AEM 11-A13	97154	1	<0.1	7	40	26	120	<1	69	<20
656	AEM 11-A12	97155	3	<0.1	11	70	53	120	<1	1260	40
657	AEM 11-A11	97156	<1	<0.1	5	30	28	440	<1	763	90
658	AEM 11-A10	97157	<1	<0.1	14	10	65	110	<1	470	70
659	AEM 11-A9	97158	<1	<0.1	6	160	70	30	<1	174	<20
660	AEM 11-A8*	97159	<1	<0.1	25	30	160	70	<1	3230	80

2005, MMI sample results

	Sample ID	Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
661	AEM 11-A7	97160	<1	<0.1	26	30	142	80	<1	2770	50
662	AEM 11-A6	97161	1	0.1	16	60	115	50	<1	4190	40
663	AEM 11-A5	97162	<1	<0.1	107	270	424	70	<1	1180	20
664	AEM 11-A4	97163	2	<0.1	19	50	142	60	<1	2030	40
665	AEM 11-A3	97164	1	<0.1	22	160	180	80	<1	1470	50
666	AEM 11-A2	97165	2	<0.1	31	250	170	50	<1	739	50
667	AEM 11-A1	97166	5	<0.1	25	300	323	50	<1	457	60
668	AEM 11-B1	97167	10	<0.1	22	200	146	30	<1	258	20
669	AEM 11-B2	97168	3	<0.1	29	90	72	30	<1	907	<20
670	AEM 11-B3	97169	5	<0.1	95	90	181	90	<1	5920	70
671	AEM 11-B4	97170	3	<0.1	88	150	194	160	<1	3420	70
672	AEM 12-A14	97171	1	<0.1	140	240	809	60	<1	32	190
673	AEM 12-A13	97172	<1	<0.1	63	180	551	20	<1	29	380
674	AEM 12-A12	97173	1	<0.1	22	200	516	30	<1	15	350
675	AEM 12-A11	97174	2	<0.1	33	2530	3190	20	<1	23	80
676	AEM 12-A10	97175	1	<0.1	63	400	439	180	<1	805	180
677	AEM 12-A9	97176	11	<0.1	119	240	181	200	<1	4580	310
678	AEM 12-A8*	97177	5	<0.1	64	220	335	50	<1	82	320
679	AEM 12-A7	97178	5	<0.1	67	200	284	20	<1	63	170
680	AEM 12-A6	97179	2	<0.1	137	10200	3420	60	<1	21	70
681	AEM 12-A5	97180	7	0.3	<5	360	311	30	<1	3	260
682	AEM 12-A4	97181	9	<0.1	11	150	97	<10	<1	<3	<20
683	AEM 12-A3	97182	9	0.3	8	1420	86	20	<1	<3	<20
684	AEM 12-A2	97183	11	<0.1	20	750	549	40	<1	304	<20
685	AEM 12-A1	97184	15	<0.1	101	550	1020	90	<1	503	470
686	AEM 12-B1	97185	9	<0.1	110	230	417	220	<1	4020	420
687	AEM 12-B2	97186	7	<0.1	43	120	211	330	<1	2220	100
688	AEM 12-B3	97187	9	<0.1	66	130	374	250	<1	2630	280
689	AEM 12-B4	97188	6	<0.1	102	90	357	120	<1	2400	670
690	AEM 12-B5	97189	4	<0.1	84	100	299	470	<1	4010	800
691	AEM 12-B6	97190	5	<0.1	79	290	448	400	<1	6410	3100
692	AEM 12-B7	97191	10	<0.1	79	90	344	150	<1	3550	520
693	AEM 12-B8*	97192	10	<0.1	75	90	261	100	<1	3450	470
694	AEM 12-B9	97193	17	<0.1	62	170	243	130	<1	2380	160
695	AEM 12-B10	97194	1	<0.1	94	150	146	130	<1	1330	230
696	AEM 12-B11	97195	2	<0.1	47	2300	5140	<10	<1	20	110
697	AEM 11-B5	97196	3	<0.1	67	170	501	250	<1	2370	130
698	AEM 11-B6	97197	3	<0.1	91	170	468	130	<1	12800	150
699	AEM 11-B7	97198	4	<0.1	22	290	542	40	<1	601	40
700	AEM 11-B8*	97199	3	<0.1	17	370	691	50	<1	391	20
701	AEM 11-B9	97200	1	0.2	21	220	307	70	<1	647	60
702	AEM 11-B10	97201	3	<0.1	12	70	117	30	<1	346	70
703	AEM 11-B11	97202	<1	<0.1	12	90	187	60	<1	427	80
704	AEM 11-B12	97203	2	<0.1	7	840	385	140	<1	293	70
705	AEM 11-B13	97204	2	<0.1	13	700	276	60	<1	217	110
706	AEM 11-B14	97205	2	<0.1	<5	80	258	10	<1	178	120
707	Discard	97206									
708	AEM 11-D14	97207	7	0.1	24	200	139	30	<1	594	160
709	AEM 11-D13	97208	4	<0.1	102	130	322	170	<1	1670	40
710	AEM 11-D12	97209	6	0.2	90	110	203	100	<1	4130	660
711	AEM 11-D11	97210	17	<0.1	18	260	168	10	<1	276	30
712	AEM 11-D10	97211	3	<0.1	30	50	55	20	<1	451	<20
713	AEM 11-D9	97212	4	0.2	10	50	52	<10	<1	127	30
714	AEM 11-D8*	97213	7	<0.1	12	200	160	20	<1	55	50
715	AEM 11-D7	97214	7	0.3	9	200	142	20	<1	81	60
716	AEM 11-D6	97215	5	0.1	5	210	198	30	<1	82	150
717	AEM 11-D5	97216	11	0.3	<5	880	126	<10	<1	<3	20
718	AEM 11-D4	97217	9	0.2	<5	410	193	10	<1	9	<20
719	AEM 11-D3	97218	6	<0.1	<5	120	84	10	<1	114	<20
720	AEM 11-D2	97219	15	<0.1	<5	360	168	<10	<1	11	<20

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
721	AEM 11-D1	97220	8	0.1	<5	90	52	<10	<1	84	<20
722	AEM 11-C1	97221	4	0.1	13	410	97	20	<1	79	<20
723	AEM 11-C2	97222	5	0.1	30	2890	495	140	<1	119	60
724	AEM 11-C3	97223	4	1.2	11	50	46	<10	<1	188	<20
725	AEM 11-C4	97224	4	<0.1	<5	70	57	10	<1	224	<20
726	AEM 11-C5	97225	9	<0.1	13	240	138	20	<1	66	30
727	AEM 11-C6	97226	3	0.2	8	70	75	20	<1	192	30
728	AEM 11-C7	97227	7	<0.1	<5	230	138	<10	<1	101	30
729	AEM 11-C8*	97228	6	<0.1	7	260	200	30	<1	117	30
730	AEM 11-C9	97229	5	1.2	13	60	68	<10	<1	98	80
731	AEM 11-C10	97230	7	2.2	<5	550	179	40	<1	<3	<20
732	AEM 11-C11	97231	3	0.2	<5	80	85	<10	<1	34	<20
733	AEM 11-C12	97232	4	<0.1	161	160	426	160	<1	3990	390
734	AEM 11-C13	97233	5	2.4	153	70	331	130	<1	5270	250
735	AEM 11-C14	97234	7	1.1	275	130	361	150	<1	8350	440
736	AEM32-C14	97235	1	0.2	37	270	60	70	<1	111	990
737	AEM32-C13	97236	4	0.8	35	90	39	270	<1	192	1330
738	AEM32-C12	97237	<1	<0.1	14	80	26	50	<1	322	720
739	AEM32-C11	97238	1	<0.1	19	50	27	290	<1	835	740
740	AEM32-C10	97239	<1	<0.1	28	120	29	210	<1	238	740
741	AEM32-C9	97240	<1	<0.1	29	90	51	1480	<1	371	1350
742	AEM32-C8*	97241	1	0.3	35	50	39	980	<1	747	1280
743	AEM32-C7	97242	1	0.2	35	50	32	880	<1	521	1150
744	AEM32-C6	97243	2	<0.1	32	100	31	120	<1	99	1590
745	AEM32-C5	97244	<1	<0.1	30	60	36	500	<1	349	1020
746	AEM32-C4	97245	<1	<0.1	26	70	34	60	<1	61	660
747	AEM32-C3	97246	2	0.6	22	70	28	450	<1	455	610
748	AEM32-C2	97247	2	0.4	20	30	31	290	<1	575	700
749	AEM32-C1	97248	1	<0.1	18	90	31	140	<1	360	560
750	AEM30-C1	97249	16	0.3	85	510	150	350	<1	1760	120
751	AEM30-C2	97250	3	0.2	36	450	75	260	<1	2970	320
752	AEM30-C3	97251	1	0.2	71	340	73	390	<1	363	580
753	AEM30-C4	97252	80	0.4	30	780	63	290	<1	671	90
754	AEM30-C5	97253	2	0.4	19	610	46	280	<1	119	60
755	AEM30-C6	97254	7	<0.1	64	370	97	310	<1	1590	130
756	AEM30-C7	97255	12	<0.1	54	200	102	480	<1	4970	130
757	AEM30-C8*	97256	20	0.3	30	210	77	220	<1	1620	50
758	AEM30-C9	97257	6	0.2	22	100	48	340	<1	3970	80
759	AEM30-C10	97258	7	0.4	29	140	79	210	<1	6340	70
760	AEM30-C11	97259	13	0.1	37	130	65	310	<1	1010	30
761	AEM30-C12	97260	7	<0.1	32	150	64	280	<1	1110	40
762	AEM30-C13	97261	8	<0.1	22	70	74	140	<1	3290	30
763	AEM30-C14	97262	6	0.1	27	200	38	210	<1	870	90
764	AEM29-A1	98000	6	<0.1	17	200	24	180	<1	1290	30
765	AEM29-A2	98001	2	<0.1	15	50	23	120	<1	37	60
766	AEM29-A3	98002	3	<0.1	8	240	64	30	<1	443	<20
767	AEM29-A4	98003	5	<0.1	26	110	27	130	<1	951	60
768	AEM29-A5	98004	8	0.1	23	140	39	220	<1	1530	230
769	AEM29-A6	98005	2	0.1	16	160	33	80	<1	238	70
770	AEM29-A7	98006	10	0.3	40	90	52	130	<1	2640	70
771	AEM29-A8*	98007	5	<0.1	68	570	91	110	<1	1150	130
772	AEM29-A9	98008	4	<0.1	30	160	28	110	<1	1010	40
773	AEM29-A10	98009	4	<0.1	79	160	81	90	<1	1080	280
774	AEM29-A11	98010	3	<0.1	51	90	43	120	<1	1960	140
775	AEM29-A12	98011	6	<0.1	33	150	33	200	<1	469	150
776	AEM29-A13	98012	1	0.1	18	110	22	110	<1	59	<20
777	AEM29-A14	98013	3	0.5	18	80	29	130	<1	48	50
778	AEM30-A2	98014	13	<0.1	44	3570	263	100	<1	4	80
779	AEM30-A3	98015	14	0.1	<5	5060	393	20	<1	59	<20
780	AEM30-A4	98016	10	<0.1	30	270	46	260	<1	1060	<20

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
781	AEM30-A5	98017	7	<0.1	44	80	98	160	<1	737	<20
782	AEM30-A6	98018	16	0.1	28	140	70	220	<1	2420	<20
783	AEM30-A7	98019	28	<0.1	63	110	116	260	<1	4260	50
784	AEM30-A8*	98020	13	0.3	53	90	115	330	<1	1150	20
785	AEM30-A9	98021	15	<0.1	29	120	96	320	<1	812	20
786	AEM30-A10	98022	9	<0.1	33	110	137	380	<1	1250	20
787	AEM30-A11	98023	6	<0.1	27	400	67	200	<1	1470	110
788	AEM30-B14	98024	5	<0.1	21	510	66	190	<1	236	110
789	AEM30-B13	98025	3	<0.1	38	230	70	240	<1	2610	<20
790	AEM30-B12	98026	6	<0.1	41	200	98	260	<1	3640	30
791	AEM30-B11	98027	6	<0.1	58	140	154	390	<1	792	250
792	AEM30-B10	98028	7	0.1	40	120	122	290	<1	1220	90
793	AEM30-B9	98029	14	<0.1	23	120	80	230	<1	1510	60
794	AEM30-B8*	98030	10	<0.1	28	230	69	220	<1	1330	40
795	AEM30-B7	98031	13	<0.1	15	180	38	240	<1	1070	20
796	AEM30-B6	98032	11	<0.1	75	240	138	500	<1	3180	110
797	AEM30-B5	98033	9	<0.1	37	110	119	430	<1	995	30
798	AEM30-B4	98034	7	<0.1	36	130	51	200	<1	1310	40
799	AEM30-B3	98035	7	<0.1	22	150	56	270	<1	2660	20
800	AEM30-B2	98036	15	<0.1	<5	360	105	30	<1	30	<20
801	AEM35-A14	98037	2	0.1	11	80	47	<10	<1	14	50
802	AEM35-A13	98038	1	<0.1	17	170	40	20	<1	1540	20
803	AEM35-A12	98039	1	<0.1	15	150	123	20	<1	<3	310
804	AEM35-A11	98040	4	<0.1	<5	90	42	<10	<1	16	70
805	AEM35-A10	98041	<1	<0.1	14	30	61	10	<1	702	<20
806	AEM35-A9	98042	3	0.1	7	330	45	10	<1	211	<20
807	AEM35-A8*	98043	<1	<0.1	23	200	71	90	<1	<3	70
808	AEM35-A7	98044	3	<0.1	5	150	59	<10	<1	84	50
809	AEM35-A6	98045	7	<0.1	8	230	74	<10	<1	57	<20
810	AEM35-A5	98046	6	0.4	50	190	65	140	<1	874	60
811	AEM35-A4	98047	7	0.3	46	430	88	120	<1	5970	50
812	AEM35-A3	98048	4	0.1	116	160	221	230	<1	1330	230
813	AEM33-A1	98049	3	0.1	28	30	36	140	<1	820	40
814	AEM33-A2	98050	10	<0.1	35	70	68	140	<1	1200	<20
815	AEM33-A3	98051	2	<0.1	55	50	51	120	<1	928	290
816	AEM33-A4	98052	5	<0.1	16	70	22	100	<1	228	20
817	AEM33-A5	98053	4	<0.1	36	30	44	230	<1	527	40
818	AEM33-A6	98054	9	<0.1	21	480	40	160	<1	505	120
819	AEM33-A7	98055	8	<0.1	32	50	39	260	<1	293	<20
820	AEM33-A8*	98056	4	<0.1	57	60	55	220	<1	789	30
821	AEM33-A9	98057	4	<0.1	72	50	54	140	<1	342	90
822	AEM33-A10	98058	3	<0.1	31	60	29	80	<1	360	230
823	AEM33-A11	98059	7	<0.1	16	40	21	180	<1	90	40
824	AEM33-A12	98060	6	<0.1	43	40	31	160	<1	277	<20
825	AEM33-A13	98061	2	<0.1	46	30	69	200	<1	1740	130
826	AEM33-A14	98062	3	<0.1	22	30	27	140	<1	533	<20
827	AEM33-B14	98063	15	<0.1	100	390	83	100	<1	906	100
828	AEM33-B13	98064	7	<0.1	15	80	25	100	<1	320	20
829	AEM33-B12	98065	7	<0.1	19	130	17	150	<1	745	60
830	AEM33-B11	98066	8	<0.1	11	50	20	190	<1	198	<20
831	AEM33-B10	98067	9	<0.1	45	140	64	190	<1	437	210
832	AEM33-B9	98068	5	<0.1	40	110	55	150	<1	425	60
833	AEM33-B8*	98069	1	<0.1	14	20	18	50	<1	300	<20
834	AEM33-B7	98070	1	<0.1	10	70	13	50	<1	111	<20
835	AEM33-B6	98071	6	<0.1	17	40	25	130	<1	291	50
836	AEM33-B5	98072	5	<0.1	6	40	12	140	<1	112	<20
837	AEM33-B4	98073	4	<0.1	13	40	16	120	<1	105	<20
838	AEM33-B3	98074	5	<0.1	50	110	44	220	<1	2140	100
839	AEM33-B2	98075	7	<0.1	22	190	33	140	<1	1260	30
840	AEM33-B1	98076	3	<0.1	35	40	39	130	<1	1020	30

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
841	AEM33-C1	98077	11	<0.1	37	80	87	160	<1	660	30
842	AEM33-C2	98078	7	<0.1	96	120	113	210	<1	1710	90
843	AEM33-C3	98079	5	<0.1	72	160	47	150	<1	905	260
844	AEM33-C4	98080	3	<0.1	28	80	20	80	<1	578	190
845	AEM33-C5	98081	7	<0.1	36	110	30	130	<1	382	60
846	AEM33-C6	98082	3	<0.1	16	70	20	80	<1	96	<20
847	AEM33-C7	98083	2	<0.1	22	80	27	60	<1	302	<20
848	AEM33-C8*	98084	6	<0.1	19	110	22	90	<1	1370	20
849	AEM33-C9	98085	6	<0.1	13	50	22	100	<1	334	<20
850	AEM33-C10	98086	7	<0.1	19	90	32	100	<1	725	<20
851	AEM33-C11	98087	8	<0.1	117	110	121	200	<1	753	130
852	AEM33-C12	98088	4	<0.1	11	30	16	120	<1	54	40
853	AEM33-C13	98089	6	<0.1	14	90	11	140	<1	83	<20
854	AEM33-C14	98090	3	<0.1	14	30	19	90	<1	20	<20
855	AEM35-B1	98091	<1	<0.1	18	50	42	20	<1	173	140
856	AEM35-B2	98092	5	0.2	<5	200	60	10	<1	72	<20
857	AEM35-B3	98093	1	<0.1	7	60	53	<10	<1	52	60
858	AEM35-B4	98094	1	<0.1	36	1080	167	130	<1	16	150
859	AEM35-B5	98095	<1	<0.1	66	290	76	40	<1	<3	300
860	AEM35-B6	98096	1	<0.1	44	740	106	80	<1	<3	120
861	AEM35-B7	98097	1	<0.1	23	240	99	170	<1	10	420
862	AEM35-B8*	98098	2	<0.1	13	150	72	<10	<1	10	30
863	AEM35-B9	98099	<1	<0.1	54	200	53	110	<1	10	1430
864	AEM35-B10	98100	1	<0.1	8	70	33	<10	<1	187	20
865	AEM35-B11	98101	6	<0.1	25	450	728	60	<1	<3	70
866	AEM35-B12	98102	3	<0.1	36	220	158	30	<1	578	40
867	AEM34-A1	98103	<1	<0.1	12	80	94	230	<1	4200	100
868	AEM34-A2	98104	<1	<0.1	12	70	50	60	<1	677	60
869	AEM34-A3	98105	<1	<0.1	10	70	8	100	<1	15	<20
870	AEM34-A4	98106	1	<0.1	5	20	10	180	<1	136	70
871	AEM34-A5	98107	<1	<0.1	9	50	13	60	<1	15	30
872	AEM34-A6	98108	<1	<0.1	7	30	12	60	<1	104	<20
873	AEM34-A7	98109	<1	<0.1	12	10	18	100	<1	35	50
874	AEM34-A8*	98110	2	<0.1	46	40	13	180	<1	352	130
875	AEM34-A10	98111	<1	<0.1	7	20	6	140	<1	59	<20
876	AEM34-A11	98112	4	<0.1	89	60	22	100	<1	344	240
877	AEM34-A12	98113	2	<0.1	32	250	137	490	<1	6520	220
878	AEM34-A13	98114	6	<0.1	28	70	18	140	<1	300	120
879	AEM34-A14	98115	3	<0.1	15	60	12	180	<1	92	170
880	AEM28-C1	98116	<1	<0.1	12	10	17	90	<1	<3	100
881	AEM28-C2	98117	<1	<0.1	12	10	21	60	<1	<3	70
882	AEM28-C3	98118	<1	<0.1	18	60	25	440	<1	70	940
883	AEM28-C4	98119	<1	<0.1	34	90	28	160	<1	146	240
884	AEM28-C5	98120	2	<0.1	74	230	66	240	<1	192	40
885	AEM28-C6	98121	<1	<0.1	34	220	45	90	<1	93	30
886	AEM28-C7	98122	<1	<0.1	31	40	29	60	<1	13	<20
887	AEM28-C8*	98123	<1	<0.1	39	160	38	60	<1	28	<20
888	AEM28-C9	98124	<1	<0.1	33	50	26	210	<1	13	70
889	AEM28-C10	98125	<1	<0.1	23	60	26	40	<1	10	450
890	AEM28-C11	98126	<1	<0.1	29	70	22	40	<1	<3	160
891	AEM28-C12	98127	<1	<0.1	24	30	21	40	<1	<3	<20
892	AEM28-C13	98128	<1	<0.1	18	50	20	30	<1	<3	<20
893	AEM28-C14	98129	<1	<0.1	27	40	22	40	<1	<3	160
894	AEM28-A14	98130	12	<0.1	10	450	175	20	<1	9	30
895	AEM28-A13	98131	19	0.3	7	640	167	30	<1	<3	<20
896	AEM28-A12	98132	12	0.2	<5	460	116	20	<1	6	<20
897	AEM28-A11	98133	16	0.2	<5	330	95	20	<1	3	<20
898	AEM28-A10	98134	16	0.2	11	630	184	30	<1	<3	30
899	AEM28-A9	98135	5	0.2	21	360	76	90	<1	<3	20
900	AEM28-A8*	98136	14	0.2	53	1140	359	60	<1	3	30

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
901	AEM28-A7	98137	6	0.3	<5	230	19	40	<1	<3	<20
902	AEM28-A6	98138	8	0.3	<5	500	59	30	<1	<3	<20
903	AEM28-A5	98139	8	0.1	<5	400	80	20	<1	16	20
904	AEM28-A4	98140	8	0.1	15	370	223	100	<1	<3	120
905	AEM28-A3	98141	6	0.2	<5	400	33	50	<1	<3	<20
906	AEM28-A2	98142	15	0.3	8	1120	109	70	<1	<3	<20
907	AEM28-A1	98143	16	0.3	8	600	143	40	<1	<3	<20
908	AEM28-B1	98144	<1	<0.1	26	30	25	240	<1	6	970
909	AEM28-B2	98145	2	<0.1	15	640	134	80	<1	7	510
910	AEM28-B3	98146	7	0.2	39	920	72	60	<1	104	<20
911	AEM28-B4	98147	7	0.1	12	360	30	30	<1	3	<20
912	AEM28-B5	98148	9	0.2	54	1490	60	140	<1	6	<20
913	AEM28-B6	98149	14	0.1	60	1580	223	100	<1	<3	40
914	AEM28-B7	98150	15	0.1	19	1030	117	120	<1	<3	30
915	AEM28-B8*	98151	14	0.3	8	580	81	90	<1	<3	30
916	AEM28-B9	98152	18	0.3	24	760	92	140	<1	<3	<20
917	AEM28-B10	98153	7	0.3	6	760	84	20	<1	<3	<20
918	AEM28-B11	98154	2	<0.1	8	120	196	100	<1	<3	330
919	AEM28-B12	98155	8	0.2	13	860	104	60	<1	6	<20
920	AEM28-B13	98156	18	0.3	8	570	86	60	<1	<3	<20
921	AEM28-B14	98157	16	0.2	27	850	279	120	<1	3	<20
922	AEM27-A1	98158	19	0.4	<5	140	31	50	<1	<3	30
923	AEM27-A2	98159	13	0.1	11	680	229	50	<1	<3	140
924	AEM27-A3	98160	6	<0.1	107	600	340	320	<1	27	400
925	AEM27-A4	98161	13	<0.1	24	1330	494	210	<1	7	80
926	AEM27-A5	98162	10	0.2	<5	420	39	40	<1	<3	<20
927	AEM27-A6	98163	9	0.2	16	650	178	40	<1	<3	110
928	AEM27-A7	98164	7	0.1	<5	540	120	230	<1	27	2780
929	AEM27-A8*	98165	9	0.1	<5	450	156	30	<1	4	<20
930	AEM27-A9	98166	7	0.3	10	320	59	30	<1	<3	20
931	AEM27-A10	98167	10	0.5	7	520	102	40	<1	5	<20
932	AEM27-A11	98168	10	0.3	6	370	79	30	<1	14	40
933	AEM27-A12	98169	7	<0.1	8	500	140	70	<1	38	140
934	AEM27-A13	98170	8	0.3	<5	310	41	30	<1	22	40
935	AEM27-A14	98171	10	0.3	18	290	77	30	<1	41	60
936	AEM27-B14	98172	6	0.2	<5	180	49	20	<1	<3	<20
937	AEM27-B13	98173	6	0.1	16	430	99	80	<1	<3	30
938	AEM27-B12	98174	10	<0.1	33	1100	330	220	<1	25	80
939	AEM27-B11	98175	24	0.3	<5	600	155	20	<1	<3	<20
940	AEM27-B10	98176	16	0.2	<5	400	92	10	<1	<3	<20
941	AEM27-B9	98177	12	0.4	<5	650	57	40	<1	<3	100
942	AEM27-B8*	98178	11	0.3	<5	440	50	60	<1	<3	<20
943	AEM27-B7	98179	10	0.2	11	670	99	110	<1	<3	20
944	AEM27-B6	98180	8	0.2	12	460	74	50	<1	<3	20
945	AEM27-B5	98181	10	0.2	33	480	87	50	<1	<3	40
946	AEM27-B4	98182	5	0.2	16	330	155	60	<1	3	30
947	AEM27-B3	98183	1	<0.1	33	290	114	90	<1	13	60
948	AEM27-B2	98184	<1	<0.1	31	150	42	70	<1	11	690
949	AEM27-B1	98185	<1	<0.1	53	140	84	150	<1	12	490
950	AEM32-A13	98186	4	<0.1	57	90	106	340	<1	123	1250
951	AEM32-A12	98187	<1	<0.1	73	180	96	1190	<1	256	1000
952	AEM32-A11	98188	<1	<0.1	127	130	104	670	<1	162	1330
953	AEM32-A10	98189	<1	<0.1	46	280	102	280	<1	54	1560
954	AEM32-A9	98190	<1	<0.1	58	80	98	310	<1	133	1520
955	AEM32-A8*	98191	<1	<0.1	63	420	104	310	<1	111	1420
956	AEM32-A7	98192	<1	<0.1	68	390	100	450	<1	83	1330
957	AEM32-A6	98193	<1	<0.1	80	90	126	260	<1	60	2120
958	AEM32-A5	98194	<1	<0.1	367	40	127	1290	<1	49	1810
959	AEM32-A4	98195	<1	<0.1	174	90	123	890	<1	106	2140
960	AEM32-A3	98196	<1	<0.1	32	140	159	280	<1	47	1890

2005, MMI sample results

Sample ID		Sample no	Ag MMI-M5 1 PPB	Au MMI-M5 0.1 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB	Ni MMI-M5 5 PPB	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Ti MMI-M5 3 PPB	Zn MMI-M5 20 PPB
961	AEM32-A2	98197	<1	<0.1	41	60	120	440	<1	68	1090
962	AEM32-A1	98198	10	0.3	27	840	248	90	<1	41	600
963	AEM32-B14	98199	10	0.2	5	1180	239	210	<1	32	20
964	AEM32-B13	98200	8	0.3	<5	550	35	40	<1	<3	<20
965	AEM32-B12	98201	12	0.2	<5	820	42	60	<1	15	20
966	AEM32-B11	98202	8	0.3	<5	1210	100	30	<1	71	<20
967	AEM32-B10	98203	6	0.2	10	500	38	20	<1	33	90
968	AEM32-B9	98204	7	0.2	33	580	55	80	<1	10	60
969	AEM32-B8*	98205	9	0.2	18	520	51	80	<1	14	20
970	AEM32-B7	98206	10	0.2	<5	340	23	40	<1	<3	<20
971	AEM32-B6	98207	12	0.1	8	960	169	40	<1	81	<20
972	AEM32-B5	98208	6	0.2	12	390	62	50	<1	14	20
973	AEM32-B4	98209	9	0.2	<5	330	30	40	<1	12	<20
974	AEM32-B3	98210	8	0.1	<5	300	26	40	<1	11	<20
975	AEM32-B2	98211	6	0.1	7	440	141	60	<1	11	110
976	AEM32-B1	98212	8	0.1	11	260	37	30	<1	24	<20
977	AEM40-A1	98213	<1	<0.1	26	230	93	230	<1	2490	30
978	AEM40-A2	98214	<1	<0.1	23	260	70	250	<1	5650	40
979	AEM40-A3	98215	<1	<0.1	55	780	104	240	<1	5020	100
980	AEM40-A4	98216	1	<0.1	21	330	49	280	<1	192	60
981	AEM40-A5	98217	<1	<0.1	27	330	80	30	<1	2450	30
982	AEM40-A6	98218	<1	<0.1	23	580	72	250	<1	8390	180
983	AEM40-A7	98219	14	<0.1	16	80	24	100	<1	710	<20
984	AEM40-A8*	98220	6	<0.1	43	80	54	160	<1	912	<20
985	AEM40-A9	98221	<1	<0.1	47	260	122	490	<1	3330	20
986	AEM40-A10	98222	<1	<0.1	56	320	95	280	<1	37100	180
987	AEM40-A11	98223	<1	<0.1	21	90	63	180	<1	1270	<20
988	AEM40-A12	98224	2	<0.1	20	180	72	160	<1	990	220
989	AEM40-A13	98225	2	<0.1	39	280	60	70	<1	995	30
990	AEM40-A14	98226	8	0.1	7	2780	134	40	<1	123	<20
991	AEM29-A15	98227	<1	0.9	16	70	28	90	<1	27	<20
992	AEM29-A16	98228	<1	<0.1	11	80	21	50	<1	12	<20
993	AEM29-A17	98229	<1	<0.1	12	80	13	60	<1	13	<20
994	AEM29-A18*	98230	3	<0.1	13	40	20	180	<1	32	100
995	AEM29-A19	98231	2	<0.1	18	60	22	100	<1	22	<20
996	AEM29-A20	98232	3	<0.1	15	50	21	150	<1	22	<20
997	AEM29-A21	98233	4	<0.1	15	70	16	130	<1	27	90
998	AEM29-A22	98234	4	<0.1	14	110	16	60	<1	40	<20
999	AEM29-A23	98235	1	<0.1	14	90	13	60	<1	355	<20
1000	AEM25-C1	98236	22	0.4	<5	610	58	30	<1	<3	<20
1001	AEM25-C2	98237	6	0.2	25	580	233	160	<1	<3	200
1002	AEM25-C3	98238	2	0.1	12	100	60	200	<1	579	130
1003	AEM25-C4	98239	4	<0.1	12	130	64	220	<1	584	20
1004	AEM25-C5	98240	9	0.2	27	390	143	290	<1	27	740
1005	AEM25-C6	98241	4	0.1	13	350	149	370	<1	16	470
1006	AEM25-C7	98242	8	0.3	<5	440	56	30	<1	<3	<20
1007	AEM25-C8*	98243	10	0.3	8	600	114	20	<1	3	120
1008	AEM25-C9	98244	5	0.2	11	260	36	20	<1	9	<20
1009	AEM25-C10	98245	9	0.2	7	700	90	30	<1	13	<20
1010	AEM25-C11	98246	6	0.1	34	1850	200	680	<1	114	160
1011	AEM25-C12	98247	11	0.3	20	1010	48	140	<1	42	<20
1012	AEM25-C13	98248	<1	<0.1	15	90	38	280	<1	62	450
1013	AEM25-C14	98249	<1	<0.1	23	50	30	240	<1	91	340

AEM32-A10	Organic sample

AEM32-B8*	Duplicate sample

APPENDIX 3a

2005, MMI SAMPLE RESULTS

INORGANIC AND ORGANIC SOILS

(As, Ba Bi, Ca, Cd, Ce, Dy, Er, Eu, Gd, La, Mg, Mo, Nb, Nd)

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
1	AEM1-A1	54501	10	810	1	306	10	206	24	12.5	6.7	32	71	57	5	2.8	119
2	AEM1-A2	54502	10	760	1	238	10	117	17	9.9	3.4	15	31	45	5	2.7	48
3	AEM1-A3	54503	10	630	1	361	10	517	217	112	61	293	726	71	5	1.6	1050
4	AEM1-A4	54504	10	770	1	374	10	203	27	11.3	8.5	39	83	61	5	1.2	148
5	AEM1-A5	54505	10	700	1	404	10	66	16	7.2	4.7	22	44	72	5	0.7	76
6	AEM1-A6	54506	10	600	1	90	10	653	100	46.5	23.2	108	189	26	5	4	386
7	AEM1-A7	54507	10	600	1	319	20	125	13	6	4.4	19	46	53	5	2.7	73
8	AEM1-A8*	54508	10	510	1	180	10	500	46	20.6	15	66	200	24	5	5.8	284
9	AEM1-A9	54509	10	400	1	316	30	78	7	3.1	2.2	9	26	37	5	2.6	36
10	AEM1-A10	54510	10	480	1	433	10	100	27	11.8	8.5	41	68	102	5	0.5	137
11	AEM1-A11	54511	10	420	1	271	10	220	17	7.5	6	26	83	57	5	1	123
12	AEM1-A12	54512	10	1090	1	298	110	323	86	51	14.7	72	118	81	5	0.8	229
13	AEM1-A13	54513	10	880	1	592	40	16	23	21.6	1.6	12	7	42	5	0.5	12
14	AEM1-A14	54514	10	670	1	466	10	135	19	8.9	5.6	27	38	139	5	0.5	82
15	AEM1-B14	54515	10	680	1	361	10	32	8	3.7	2.4	13	13	84	5	0.5	34
16	AEM1-B13	54516	10	730	1	482	10	141	24	10.4	7.9	38	38	116	5	0.5	101
17	AEM1-B12	54517	10	720	1	368	10	23	11	5	3.9	19	18	78	5	0.5	52
18	AEM1-B11	54518	10	720	1	474	10	55	19	8.8	5.2	28	16	131	5	0.5	54
19	AEM1-B10	54519	10	590	1	632	10	9	15	9.1	2.6	15	12	137	5	0.5	28
20	AEM1-B9	54520	10	620	1	543	10	85	40	19.1	11.3	58	75	147	5	0.5	164
21	AEM1-B8*	54521	10	780	1	538	10	29	18	9	4.3	24	21	139	5	0.5	54
22	AEM1-B7	54522	10	580	1	464	10	29	19	9.1	5	26	18	134	5	0.5	54
23	AEM1-B6	54523	10	550	1	536	10	126	20	8.6	5.7	29	25	123	5	0.5	68
24	AEM1-B5	54524	10	590	1	462	10	33	22	10	6.3	33	24	110	5	0.5	74
25	AEM1-B4	54525	10	560	1	381	10	77	11	4.9	3.5	17	17	92	5	0.5	47
26	AEM1-B3	54526	10	550	1	485	10	116	20	10.2	5.1	27	36	118	5	0.5	79
27	AEM1-C1	54527	10	630	1	410	10	13	10	4.8	2.8	15	11	109	5	0.5	33
28	AEM1-C2	54528	10	540	1	385	10	48	12	5.4	4	20	18	116	5	0.5	51
29	AEM1-C3	54529	10	560	1	458	10	31	15	8	3.3	19	9	132	5	0.5	31
30	AEM1-C4	54530	10	570	1	402	10	25	10	5.4	2.6	14	10	106	5	0.5	28
31	AEM1-C5	54531	10	540	1	552	10	53	22	11	6.1	31	36	143	5	0.5	84
32	AEM1-C6	54532	10	780	1	412	10	18	11	5.4	2.9	16	10	120	5	0.5	33
33	AEM1-C7	54533	10	600	1	458	10	28	15	8.2	3.6	20	12	139	5	0.5	37
34	AEM1-C8*	54534	10	870	1	471	10	145	27	12.2	7.2	37	38	129	5	0.5	92
35	AEM1-C9	54535	10	590	1	395	10	24	10	4.7	2.8	15	12	103	5	0.5	34
36	AEM1-C10	54536	10	710	1	489	10	46	19	8.9	5.7	29	27	121	5	0.5	69
37	AEM1-C11	54537	10	520	1	505	20	354	53	28	14.3	68	136	93	5	0.5	234
38	AEM1-C12	54538	10	600	1	525	10	246	19	10.2	6	28	81	106	5	0.9	130
39	AEM1-C13	54539	10	380	1	558	40	147	29	17.5	6.2	31	54	102	5	0.5	93
40	AEM1-C14	54540	10	630	1	425	10	122	17	8.3	5.5	26	39	112	5	0.5	84
41	AEM2-A1	54541	10	740	1	461	10	117	21	10.5	4.9	26	16	137	5	0.5	51
42	AEM2-A2	54542	10	890	1	529	10	70	27	12.6	7.4	37	33	143	5	0.5	90
43	AEM2-A3	54543	10	270	1	499	20	7	2	1.4	0.5	2	3	91	5	0.5	6
44	AEM2-A4	54544	10	220	1	521	30	6	3	2	0.5	2	3	85	5	0.5	5
45	AEM2-A5	54545	10	520	1	440	10	647	38	20.8	12.9	55	247	86	6	2.1	351

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
46	AEM2-A6	54546	10	570	1	392	10	20	14	7.3	3.2	18	10	104	5	0.5	33
47	AEM2-A7	54547	10	630	1	445	10	42	17	8.6	3.9	21	12	124	5	0.5	41
48	AEM2-A8*	54548	10	610	1	507	10	92	21	11.1	5.1	26	23	132	5	0.5	63
49	AEM2-A9	54549	10	600	1	392	10	25	12	5.8	2.8	15	8	110	5	0.5	29
50	AEM2-A10	54550	10	650	1	537	10	50	27	14.4	6.3	33	27	133	5	0.5	72
51	AEM2-A11	54551	10	670	1	452	10	71	15	8.1	3.4	19	9	121	5	0.5	34
52	AEM2-A12	54552	10	610	1	460	10	66	17	9.1	3.6	20	11	140	5	0.5	36
53	AEM2-A13	54553	10	610	1	525	10	**323**	26	13.6	6.3	32	33	**167**	5	0.5	81
54	AEM2-A14	54554	10	820	1	553	10	135	22	11.9	5	26	19	**157**	5	0.5	54
55	AEM2-B14	54555	10	740	1	437	10	65	16	8.3	3.7	20	9	132	5	0.5	35
56	AEM2-B13	54556	10	**1090**	1	523	10	29	7	4.6	1.2	8	3	149	7	0.5	11
57	AEM2-B12	54557	10	620	1	472	10	96	22	11.3	4.9	27	14	139	5	0.5	50
58	AEM2-B11	54558	10	550	1	442	10	40	20	10.1	4.9	27	18	147	5	0.5	55
59	AEM2-B10	54559	10	750	1	429	10	**170**	13	7.3	3.6	18	37	98	5	0.5	76
60	AEM2-B9	54560	10	**1140**	1	**630**	10	**167**	20	11.6	5.2	26	48	**152**	5	0.5	90
61	AEM2-B8*	54561	30	**1580**	1	409	10	**485**	36	18.8	**11.5**	**55**	**147**	64	**24**	1.4	**271**
62	AEM2-B7	54562	10	**1650**	1	408	10	**283**	29	15	8.3	42	87	64	11	0.7	**175**
63	AEM2-B6	54563	10	690	1	386	10	63	13	6.9	3	17	10	93	5	0.5	32
64	AEM2-B5	54564	10	990	1	416	10	113	14	8	3.3	18	25	69	5	0.5	56
65	AEM2-B4	54565	10	**1150**	1	419	10	143	23	12.1	6	32	36	82	5	0.5	88
66	AEM2-B3	54566	10	**1210**	1	477	10	107	11	6.3	2.9	15	31	113	5	0.5	57
67	AEM2-B2	54567	10	920	1	499	10	129	22	11.7	5.3	27	23	138	5	0.5	60
68	AEM2-B1	54568	10	1000	1	503	10	115	27	14.7	5.9	32	19	142	5	0.5	61
69	AEM7-B14	54569	10	**1110**	1	579	10	**330**	**52**	29.4	**12.9**	**61**	**143**	107	5	0.5	**227**
70	AEM7-B13	54570	10	770	1	378	10	**174**	32	16.4	10	49	68	63	5	0.5	**157**
71	AEM7-B12	54571	10	440	1	17	10	49	9	6.1	2	6	23	2	5	1.8	26
72	AEM7-B11	54572	10	650	1	10	10	**192**	14	6.7	4.9	18	88	1	5	**6.5**	88
73	AEM7-B10	54573	20	**1030**	1	10	10	74	7	4.1	2.9	9	36	2	5	**15.9**	43
74	AEM7-B9	54574	10	**1770**	1	31	10	119	20	11	4.7	18	56	8	5	8.8	72
75	AEM7-B8*	54575	20	550	1	10	10	**150**	11	4.9	4	14	65	1	5	6.9	70
76	AEM7-B7	54576	30	600	1	10	10	78	7	3.4	2.9	8	40	1	5	**11.9**	39
77	AEM7-B6	54577	10	560	1	10	20	122	13	6.5	5.5	15	56	1	5	**5.2**	71
78	AEM7-B5	54578	10	230	1	10	10	116	12	6.8	3.7	13	50	1	5	2.2	60
79	AEM7-B4	54579	20	620	1	10	10	87	9	4.5	3.4	11	40	1	5	5	50
80	AEM7-B3	54580	20	**1220**	1	10	20	58	7	4.1	2	7	29	1	5	6	32
81	AEM7-B2	54581	20	980	1	16	10	45	7	4.2	2	6	22	2	5	**10.1**	27
82	AEM7-B1	54582	20	**1100**	**2**	129	10	66	4	2	1.5	5	25	14	5	**17.5**	27
83	AEM7-A1	54583	10	**1320**	1	206	10	**204**	26	13.8	5.6	24	55	42	5	**5.4**	85
84	AEM7-A2	54584	10	**1470**	1	299	10	61	11	6.8	1.7	9	19	36	5	1.6	27
85	AEM7-A3	54585	10	**1330**	1	151	10	98	10	4.9	2.1	9	28	34	5	5.4	34
86	AEM7-A4	54586	10	**1550**	1	237	10	86	8	3.6	2	8	29	27	5	3.7	32
87	AEM7-A5	54587	10	710	1	97	10	63	7	3.6	2.3	7	27	4	5	7.7	32
88	AEM7-A6	54588	10	**1860**	1	142	10	**271**	28	13.3	7.6	32	**102**	25	5	6.3	149
89	AEM7-A7	54589	10	**2100**	1	249	10	**154**	20	10.3	4.5	20	54	40	5	4.7	76
90	AEM7-A8*	54590	10	**1930**	1	146	10	120	17	9.1	3.5	16	38	40	5	3.4	60

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
91	AEM7-A9	54591	10	1230	1	88	10	193	27	13.3	6.4	27	73	18	5	7.6	106
92	AEM7-A10	54592	10	1430	1	130	10	429	60	30.2	16.1	68	170	26	5	7.9	285
93	AEM7-A11	54593	10	610	1	200	20	342	40	16.7	11.6	49	172	17	5	5.2	216
94	AEM7-A12	54594	10	730	1	184	10	89	11	5.9	2.5	11	29	25	5	3.3	39
95	AEM7-A13	54595	10	890	1	235	10	127	19	9.4	4.7	21	48	27	5	2.2	75
96	AEM7-A14	54596	10	740	1	109	30	322	31	15.2	7.8	33	99	18	5	5.6	140
97	AEM6-B1	54597	10	320	1	509	130	11	3	1.8	0.6	3	7	80	5	0.5	11
98	AEM6-B6	54598	10	670	1	481	10	10	6	3.4	1.3	7	3	101	5	0.5	12
99	AEM6-B7	54599	10	760	1	643	10	9	12	6.5	2.8	15	10	136	5	0.5	31
100	AEM6-B8*	54600	10	830	1	708	10	10	13	7.1	3.1	16	14	144	5	0.5	38
101	AEM6-B9	54601	10	600	1	370	10	5	6	2.9	1.4	7	4	87	5	0.5	15
102	AEM6-B10	54602	10	520	1	390	10	50	10	4.9	2.7	13	12	88	5	0.5	34
103	AEM6-B11	54603	10	540	1	375	10	36	9	4.2	2.3	12	7	90	5	0.5	23
104	AEM6-B12	54604	10	520	1	391	10	16	11	5.6	2.5	14	6	118	5	0.5	23
105	AEM6-B13	54605	10	460	1	328	10	15	7	3.8	1.9	10	6	99	5	0.5	20
106	AEM6-B14	54606	10	460	1	344	10	34	10	5.1	2.6	13	7	122	5	0.5	26
107	AEM6-A14	54607	10	480	1	416	10	33	11	5.3	3.1	15	14	115	5	0.5	41
108	AEM6-A10	54608	10	500	1	482	10	48	13	6.3	4.2	20	30	131	5	0.5	67
109	AEM6-A9	54609	10	550	1	450	10	22	12	6	3.6	18	13	131	5	0.5	42
110	AEM6-A8*	54610	10	500	1	484	10	9	9	4.6	2.4	12	8	132	5	0.5	26
111	AEM6-A7	54611	10	470	1	551	10	56	19	9.2	6.1	29	48	150	5	0.5	100
112	AEM6-A6	54612	10	590	1	459	10	78	28	12.6	8.5	39	78	113	5	0.5	145
113	AEM6-A5	54613	10	780	1	338	10	1270	83	36.6	27.1	119	439	46	5	1.3	589
114	AEM6-A4	54614	10	510	1	91	30	158	26	13.1	5.8	25	53	20	5	2.6	92
115	AEM6-A3	54615	10	600	1	271	30	123	18	9	3.8	18	41	46	5	1.8	65
116	AEM6-A2	54616	10	780	1	532	10	58	21	10.2	6	29	56	107	5	0.5	103
117	AEM6-A1	54617	10	1070	1	547	10	119	47	27.6	10.5	50	86	89	5	0.5	163
118	AEM3-A1	54618	10	170	1	349	20	6	1	0.7	0.5	1	4	55	5	0.5	5
119	AEM3-A2	54619	10	120	1	301	10	7	1	0.7	0.5	1	5	50	5	0.5	5
120	AEM3-A3	54620	10	120	1	332	10	5	1	1	0.5	1	3	51	5	0.5	4
121	AEM3-A4	54621	10	150	1	387	10	5	2	1.3	0.5	1	2	40	5	0.5	2
122	AEM3-A5	54622	10	110	1	344	10	5	3	2.5	0.5	2	2	43	5	0.5	3
123	AEM3-A6	54623	10	90	1	353	10	5	1	0.9	0.5	1	1	45	5	0.5	1
124	AEM3-A7	54624	10	110	1	339	10	5	1	0.5	0.5	1	1	43	5	0.5	1
125	AEM3-A8*	54625	30	100	1	384	10	25	4	4	0.9	5	12	31	30	0.8	16
126	AEM3-A9	54626	10	110	1	367	10	5	1	0.6	0.5	1	3	40	5	0.5	3
127	AEM3-A10	54627	30	1500	1	430	10	29	9	5.9	1.9	11	10	91	40	0.7	28
128	AEM3-A11	54628	70	1370	1	333	10	232	20	11.2	6.3	30	78	52	37	1.3	145
129	AEM3-A12	54629	30	1730	1	452	10	63	11	6.4	2.9	14	21	92	25	0.7	49
130	AEM3-A13	54630	20	1580	1	374	10	121	15	7.9	4.4	21	40	68	15	0.9	87
131	AEM3-B1	54631	10	740	1	339	10	7	8	4.2	1.8	11	4	109	5	0.5	18
132	AEM3-B2	54632	10	700	1	407	10	17	14	7.4	3.3	18	7	132	5	0.5	30
133	AEM3-B3	54633	10	600	1	381	10	22	10	5.3	2.6	14	7	120	5	0.5	26
134	AEM3-B4	54634	10	630	1	376	10	54	11	6	2.8	15	7	125	5	0.5	28
135	AEM3-B5	54635	10	430	1	349	10	9	7	4	1.7	9	4	151	5	0.5	15

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
136	AEM3-B6	54636	10	440	1	378	10	6	7	4.1	1.6	9	4	147	5	0.5	15
137	AEM3-B7	54637	10	410	1	368	10	15	9	4.8	2.1	11	5	132	5	0.5	20
138	AEM3-B8*	54638	10	400	1	346	10	34	8	4.6	2	11	5	128	5	0.5	19
139	AEM3-B9	54639	10	500	1	313	10	11	8	4.1	2	11	5	97	5	0.5	20
140	AEM3-B10	54640	10	550	1	292	10	18	7	3.5	1.6	9	4	96	5	0.5	17
141	AEM3-B11	54641	10	600	1	341	10	7	7	3.9	1.7	10	4	101	6	0.5	16
142	AEM3-B12	54642	10	550	1	377	10	13	11	6.4	2.5	14	5	104	5	0.5	21
143	AEM16-A1	54643	10	520	1	16	10	125	15	6.4	5.6	24	52	<1	<5	6.2	82
144	AEM16-A2	54644	10	790	1	99	10	1120	211	92.6	115	574	1040	11	<5	0.5	2430
145	AEM16-A3	54645	10	1170	1	230	10	165	13	5.4	6	30	73	24	<5	0.9	126
146	AEM16-A4	54646	10	1290	1	484	10	130	10	4.3	4	23	54	86	<5	<0.5	87
147	AEM16-A5	54647	10	830	1	473	10	23	5	2.2	1.7	11	8	68	<5	<0.5	24
148	AEM16-A6	54648	10	1020	1	465	10	69	6	2.6	2.4	13	21	62	<5	<0.5	42
149	AEM16-A7	54649	10	1020	1	548	10	276	19	8.3	8.1	44	112	85	<5	<0.5	165
150	AEM16-A8*	54650	10	740	1	344	10	30	3	1	1.2	6	13	38	<5	<0.5	25
151	AEM16-A9	54651	10	1120	1	488	10	6	5	2.4	1.3	9	2	97	<5	<0.5	13
152	AEM16-A10	54652	10	1120	1	665	10	115	12	6.2	3.3	22	22	133	<5	<0.5	46
153	AEM16-A11	54653	10	730	1	243	10	115	6	2.7	2.8	14	45	31	<5	1	64
154	AEM16-A12	54654	10	1020	1	207	10	56	3	1.1	1.1	6	16	26	<5	0.8	24
155	AEM16-A13	54655	10	1490	1	556	10	80	13	5.7	4.3	25	31	105	<5	<0.5	65
156	AEM16-A14	54656	10	1360	1	514	10	210	13	6.1	5.2	28	81	100	<5	<0.5	126
157	AEM16-B1	54657	10	1340	1	765	10	24	9	4.4	2.6	17	14	136	<5	<0.5	36
158	AEM16-B2	54658	10	1220	1	692	10	11	6	3.3	1.6	11	<1	156	<5	<0.5	10
159	AEM16-B3	54659	10	1430	1	655	10	7	8	4	2.1	15	15	123	<5	<0.5	30
160	AEM16-B4	54660	10	1410	1	809	10	9	12	6.9	2.3	17	5	174	<5	<0.5	20
161	AEM16-B5	54661	10	1290	1	678	10	27	11	5.4	2.6	18	6	152	<5	<0.5	26
162	AEM16-B6	54662	10	1400	1	744	10	8	8	4.7	1.9	13	5	163	<5	<0.5	20
163	AEM16-B7	54663	10	1150	1	557	10	21	7	4.1	1.6	12	2	141	<5	<0.5	14
164	AEM16-B8*	54664	10	1290	1	571	10	115	18	8.7	5.6	35	48	130	<5	<0.5	94
165	AEM16-B9	54665	10	1380	1	713	10	22	10	4.8	2.6	17	14	141	<5	<0.5	34
166	AEM16-B10	54666	10	1210	1	546	10	16	7	3.1	2.2	13	9	105	<5	<0.5	27
167	AEM16-B11	54667	10	1140	1	474	10	17	6	2.7	2.1	13	10	88	<5	<0.5	29
168	AEM16-B12	54668	10	1170	1	639	10	66	9	4.5	2.4	17	8	118	<5	<0.5	27
169	AEM16-B13	54669	10	1190	1	538	10	16	5	3	1.3	10	2	114	<5	<0.5	12
170	AEM16-B14	54670	10	1390	1	642	10	10	8	4.6	1.8	13	2	149	<5	<0.5	15
171	AEM15-A1	54671	50	680	1	199	10	1260	55	29	19.9	104	464	24	<5	6.3	554
172	AEM15-A2	54672	10	520	1	158	10	152	10	4.2	3.9	18	61	12	<5	6.3	71
173	AEM15-A3	54673	10	290	1	168	10	316	13	5.2	6	26	92	5	<5	4.3	113
174	AEM15-A4	54674	10	710	1	179	10	58	4	1.7	1.6	7	27	17	<5	3.9	33
175	AEM15-A5	54675	10	920	1	155	10	246	10	4.1	5	24	73	15	<5	2.2	115
176	AEM15-A6	54676	10	1130	1	266	10	262	24	10.8	10.6	56	134	16	<5	1.2	247
177	AEM15-A7	54677	10	1440	1	794	10	115	14	7.3	4.6	28	45	64	<5	<0.5	88
178	AEM15-A8*	54678	10	1320	1	519	10	349	26	16.1	8.3	47	147	39	<5	2.6	224
179	AEM15-A9	54679	10	3370	1	609	10	136	15	8.7	4.4	27	45	55	<5	1.6	94
180	AEM15-A10	54680	10	1350	1	640	10	16	8	4.4	1.9	13	1	125	<5	<0.5	16

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
181	AEM15-A11	54681	10	1520	1	674	10	118	9	4.5	2.6	16	14	86	<5	<0.5	33
182	AEM15-A12	54682	10	700	1	480	10	333	24	12.1	8	43	135	50	<5	1.8	190
183	AEM15-A13	54683	10	1870	1	789	10	78	13	6.7	3.6	23	36	127	<5	<0.5	60
184	AEM15-A14	54684	10	2070	1	618	10	200	23	12.9	5.6	34	63	85	<5	<0.5	97
185	AEM15-B14	54685	10	680	1	652	10	84	8	4.4	1.9	14	5	85	<5	<0.5	20
186	AEM15-B13	54686	10	1670	1	653	10	137	19	10.3	5.1	32	48	81	<5	<0.5	79
187	AEM15-B12	54687	10	2080	1	610	10	229	14	6.3	4.9	28	102	51	<5	1.2	122
188	AEM15-B11	54688	10	1710	1	650	10	231	13	6.9	4	24	34	63	<5	<0.5	63
189	AEM15-B10	54689	10	1250	1	691	10	57	9	4.7	2.2	15	2	72	<5	<0.5	17
190	AEM15-B9	54690	10	5970	1	559	10	44	9	5.4	1.8	13	14	42	<5	1.4	32
191	AEM15-B8*	54691	10	900	1	669	10	81	12	6.9	2.5	17	3	62	<5	<0.5	19
192	AEM15-B7	54692	10	1270	1	746	20	255	16	9.5	4.1	26	34	67	<5	<0.5	72
193	AEM15-B6	54693	10	440	1	395	10	276	28	12.3	11.4	63	81	19	<5	<0.5	220
194	AEM15-B5	54694	10	1210	1	186	10	388	13	5.2	6.4	32	135	23	<5	2.6	172
195	AEM15-B4	54695	10	840	1	226	10	111	5	2.1	2.6	12	38	24	<5	2.1	52
196	AEM15-B3	54696	10	1350	1	203	10	99	6	2.8	2.6	12	46	20	<5	5.7	52
197	AEM15-B2	54697	10	480	1	126	10	21	2	0.9	0.7	3	10	17	<5	2.8	13
198	AEM15-B1	54698	10	1450	1	517	10	408	30	13.8	10.3	60	104	82	<5	<0.5	183
199	AEM22-A1	54699	10	890	1	546	10	12	9	4.8	2	14	2	133	<5	<0.5	16
200	AEM22-A2	54700	10	1170	1	741	10	<5	12	7.1	2.4	18	1	176	<5	<0.5	16
201	AEM22-A3	54701	10	920	1	795	10	<5	15	8.5	3.4	24	7	181	<5	<0.5	30
202	AEM22-A4	54702	10	900	1	597	10	8	10	5.3	2.2	16	2	146	<5	<0.5	18
203	AEM22-A5	54703	10	720	1	516	10	10	8	4.2	1.9	14	2	113	<5	<0.5	17
204	AEM22-A6	54704	10	810	1	597	10	<5	10	5.1	2.1	15	2	124	<5	<0.5	18
205	AEM22-A7	54705	10	920	1	772	10	6	14	7.4	3.3	21	10	197	<5	<0.5	34
206	AEM22-A8*	54706	10	740	1	669	10	<5	12	6.8	2.4	18	4	168	<5	<0.5	21
207	AEM22-A9	54707	10	730	1	803	10	<5	9	6.1	1.6	12	4	177	<5	<0.5	17
208	AEM22-A10	54708	10	720	1	759	10	14	15	8.4	3.8	25	23	222	<5	<0.5	54
209	AEM22-A11	54709	10	820	1	719	10	7	14	9.2	2.6	19	6	194	<5	<0.5	24
210	AEM22-A12	54710	10	740	1	658	10	84	11	7	1.9	15	2	147	<5	<0.5	16
211	AEM22-A13	54711	10	820	1	724	10	<5	15	8.5	2.9	22	3	177	<5	<0.5	22
212	AEM22-A14	54712	10	870	1	184	10	996	107	47.5	31.6	176	383	39	<5	7.9	599
213	AEM3-C14	54713	10	600	<1	315	<10	135	11	5.9	2.9	16	12	66	<5	<0.5	38
214	AEM3-C13	54714	10	910	<1	402	20	284	30	13	9.1	44	65	103	<5	<0.5	139
215	AEM3-C12	54715	10	620	<1	384	20	13	3	2.4	<0.5	3	2	97	<5	<0.5	6
216	AEM3-C11	54716	10	440	<1	371	30	51	4	4.5	0.8	4	11	69	<5	<0.5	16
217	AEM3-C10	54717	10	890	<1	333	<10	248	13	6.5	4.8	23	58	83	5	0.8	113
218	AEM3-C9	54718	10	640	<1	408	20	31	4	3.4	1.1	5	10	99	<5	<0.5	20
219	AEM3-C8*	54719	10	500	<1	292	<10	32	8	4	2.2	12	8	89	<5	<0.5	26
220	AEM3-C7	54720	10	590	<1	364	<10	52	11	5.2	3.3	17	11	110	<5	<0.5	33
221	AEM3-C6	54721	10	640	<1	356	<10	15	2	1.6	0.5	3	6	109	6	<0.5	11
222	AEM3-C5	54722	10	620	<1	336	<10	26	9	4.5	2.5	14	8	108	<5	<0.5	28
223	AEM3-C4	54723	10	680	<1	364	<10	29	19	8.1	5.1	27	18	122	<5	<0.5	57
224	AEM3-C3	54724	10	590	<1	390	<10	84	12	5.3	3.6	19	12	130	<5	<0.5	39
225	AEM3-C2	54725	10	580	<1	348	<10	19	9	3.8	2.4	13	9	116	<5	<0.5	28

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
226	AEM3-C1	54726	10	620	<1	344	<10	39	9	3.7	2.8	14	11	116	<5	<0.5	34
227	AEM23-B14	54727	10	810	<1	299	<10	24	5	2.3	2	9	11	85	<5	<0.5	28
228	AEM23-B13	54728	10	650	<1	284	<10	21	6	2.5	1.8	9	7	74	31	<0.5	22
229	AEM23-B12	54729	10	670	<1	307	<10	82	6	2.9	1.9	10	7	58	<5	<0.5	24
230	AEM23-B11	54730	10	660	<1	296	<10	58	6	2.9	2	10	8	74	<5	<0.5	24
231	AEM23-B10	54731	10	780	<1	363	<10	40	7	3.5	1.9	9	5	120	<5	<0.5	17
232	AEM23-B9	54732	10	650	<1	316	<10	54	6	2.7	1.9	9	6	87	<5	<0.5	21
233	AEM23-B8	54733	10	800	<1	320	<10	63	7	3.3	1.9	10	7	87	6	<0.5	23
234	AEM23-B7	54734	10	150	<1	237	30	<5	<1	1.7	<0.5	<1	<1	31	<5	<0.5	1
235	AEM23-B6	54735	10	1690	<1	387	<10	321	23	10.6	8.2	38	107	80	<5	1.1	176
236	AEM23-B5	54736	10	1500	<1	312	<10	115	13	6.3	4.4	22	31	64	<5	<0.5	76
237	AEM23-B4	54737	10	190	<1	228	30	<5	<1	1	<0.5	<1	<1	23	<5	<0.5	<1
238	AEM21-B1	54738	10	950	<1	325	<10	23	6	2.6	1.9	9	8	86	<5	<0.5	23
239	AEM21-B2	54739	10	900	<1	345	<10	24	7	3.2	1.8	9	6	93	<5	<0.5	20
240	AEM21-B3	54740	10	790	<1	331	<10	15	6	2.6	2	10	11	92	<5	<0.5	29
241	AEM21-B4	54741	10	840	<1	434	<10	6	11	4.7	4.2	20	29	98	<5	<0.5	66
242	AEM21-B5	54742	10	760	<1	435	10	337	19	8.7	7.1	33	117	86	<5	0.8	175
243	AEM21-B6	54743	10	1170	<1	368	<10	150	14	5.9	5.5	24	45	84	<5	<0.5	95
244	AEM21-B7	54744	10	830	<1	310	<10	32	7	3.2	1.9	10	8	89	<5	<0.5	23
245	AEM21-B8*	54745	10	830	<1	347	<10	32	7	3.5	2.1	11	8	95	<5	<0.5	23
246	AEM21-B9	54746	10	830	<1	363	<10	20	7	3.3	2.3	11	9	124	<5	<0.5	26
247	AEM21-B10	54747	10	570	<1	378	20	39	5	4.1	1.4	7	15	93	<5	<0.5	27
248	AEM21-B11	54748	10	860	<1	402	<10	27	7	2.9	2.2	11	10	115	<5	<0.5	29
249	AEM21-B12	54749	10	820	<1	377	<10	22	6	3	2	10	8	106	<5	<0.5	23
250	AEM21-B13	54750	10	860	<1	426	<10	138	10	3.9	4	17	33	98	<5	<0.5	68
251	AEM21-B14	54751	10	820	<1	353	<10	13	5	2.2	1.6	8	7	113	<5	<0.5	21
252	AEM20-A1	54752	10	1150	<1	341	<10	155	9	3.6	4.4	18	63	69	<5	<0.5	101
253	AEM20-A2	54753	10	1450	<1	381	<10	12	5	2.3	1.6	8	5	74	<5	<0.5	18
254	AEM20-A3	54754	10	1000	<1	381	<10	29	3	1.4	1.1	5	6	94	<5	<0.5	16
255	AEM20-A4	54755	10	700	<1	254	<10	59	8	3.7	3.1	14	15	75	<5	<0.5	44
256	AEM20-A5	54756	10	1110	<1	531	<10	6	5	2.5	1.5	8	2	144	<5	1.5	12
257	AEM20-A6	54757	20	1570	<1	484	<10	224	14	5.1	6.7	28	87	78	<5	0.6	150
258	AEM20-A7	54758	10	1460	<1	400	<10	244	23	10.5	9.1	43	108	87	<5	<0.5	187
259	AEM20-A8*	54759	10	800	<1	326	<10	55	4	1.6	1.4	7	11	74	<5	<0.5	25
260	AEM20-A9	54760	10	1260	<1	381	<10	50	8	3.3	3.1	14	28	92	<5	<0.5	54
261	AEM20-A10	54761	10	560	<1	245	<10	456	18	7.9	7.8	34	154	35	<5	1.1	211
262	AEM20-A11	54762	10	1020	<1	419	<10	51	13	6.2	3.8	20	12	105	<5	<0.5	40
263	AEM20-A12	54763	10	750	<1	433	30	365	22	10.5	8	37	125	77	<5	1.3	181
264	AEM20-A13	54764	10	900	<1	334	<10	78	8	3.6	2.5	12	12	80	<5	<0.5	32
265	AEM20-A14	54765	10	940	<1	321	<10	24	7	3.1	2	10	8	88	<5	<0.5	23
266	AEM20-B14	54766	10	1610	<1	281	<10	86	14	5.4	7.1	32	110	59	6	<0.5	166
267	AEM20-B13	54767	10	1540	<1	418	<10	69	9	3.4	3.2	14	28	100	<5	<0.5	53
268	AEM20-B12	54768	10	2130	<1	570	<10	197	9	3.5	4.5	18	65	89	<5	1.7	102
269	AEM20-B11	54769	10	780	<1	237	<10	355	11	4.4	5.6	24	106	43	<5	0.8	147
270	AEM20-B10	54770	10	750	<1	308	<10	462	12	5.1	6.3	26	122	36	<5	2.2	160

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
271	AEM20-B9	54771	10	990	<1	367	<10	62	6	3	2	11	10	85	<5	<0.5	28
272	AEM20-B8*	54772	10	1470	<1	422	<10	272	29	11.9	11.3	53	123	122	<5	<0.5	209
273	AEM20-B7	54773	10	1340	<1	463	<10	187	25	10.5	9.6	46	99	125	<5	<0.5	169
274	AEM20-B6	54774	10	940	<1	382	<10	12	3	1.7	1.1	6	7	94	<5	<0.5	17
275	AEM20-B5	54775	10	1650	<1	338	<10	168	16	6.2	6.8	31	69	74	<5	<0.5	130
276	AEM20-B4	54776	10	1270	<1	228	<10	111	4	1.5	2.2	9	44	34	<5	0.6	58
277	AEM20-B3	54777	10	1430	<1	378	<10	25	7	3.1	2.6	12	11	98	<5	<0.5	35
278	AEM20-B2	54778	10	1750	<1	406	<10	132	9	3.8	4.1	19	54	75	<5	<0.5	86
279	AEM20-B1	54779	10	2380	<1	382	<10	165	10	4	4.7	21	67	95	<5	<0.5	106
280	AEM24-A1	54780	<10	770	<1	284.554	<10	13	6	3.3	1.5	8	3	50	<5	<0.5	13
281	AEM24-A2	54781	<10	1130	<1	349.85	<10	96	10	5.4	3	15	43	73	<5	3.1	49
282	AEM24-A3	54782	<10	1070	<1	372.238	<10	130	10	5.3	3.2	16	60	65	<5	4.4	66
283	AEM24-A4	54783	<10	1240	<1	312.395	<10	157	11	5.3	3.7	17	73	46	<5	4.7	80
284	AEM24-A5	54784	<10	910	<1	336.231	<10	20	8	4.1	1.8	11	4	84	<5	<0.5	16
285	AEM24-A6	54785	<10	950	<1	644.238	<10	9	8	6.1	1.1	7	5	103	<5	<0.5	13
286	AEM24-A7	54786	<10	1370	<1	357.53	<10	49	13	6.4	3.4	18	14	93	<5	<0.5	40
287	AEM24-A8*	54787	<10	970	<1	484.041	<10	18	11	7.4	2	12	4	157	<5	<0.5	17
288	AEM24-A9	54788	<10	890	<1	350.344	<10	32	6	3.7	1.8	9	9	72	<5	0.6	20
289	AEM24-A10	54789	<10	740	<1	375.586	<10	9	6	3.2	1.3	7	2	106	<5	<0.5	10
290	AEM24-A11	54790	<10	580	<1	315.609	<10	<5	5	2.8	1.2	7	2	69	<5	<0.5	10
291	AEM24-A12	54791	<10	860	<1	496.486	<10	9	9	5.3	2	11	5	129	<5	<0.5	18
292	AEM24-A13	54792	<10	840	<1	446.806	<10	5	7	3.8	1.4	9	<1	120	<5	<0.5	10
293	AEM24-A14	54793	<10	650	<1	315.464	<10	<5	4	2.2	0.9	5	<1	86	<5	<0.5	5
294	AEM24-B14	54794	<10	330	<1	305.772	60	11	9	7.1	1.1	6	5	43	<5	<0.5	10
295	AEM24-B13	54795	<10	200	<1	390.638	60	<5	5	5	<0.5	3	<1	36	<5	<0.5	1
296	AEM24-B12	54796	<10	180	<1	310.337	50	12	11	8.6	1.4	8	4	39	<5	<0.5	11
297	AEM24-B11	54797	<10	220	<1	287.34	30	37	14	8.5	2.8	14	13	41	<5	<0.5	32
298	AEM24-B10	54798	<10	140	<1	289.598	70	<5	9	9.5	0.8	5	<1	30	<5	<0.5	4
299	AEM24-B9	54799	<10	1090	<1	413.729	10	119	13	6.8	3.7	17	48	95	<5	3.2	61
300	AEM24-B8*	54800	<10	170	<1	296.082	30	<5	8	6.5	0.9	6	<1	29	<5	<0.5	4
301	AEM24-B7	54801	<10	700	<1	377.218	<10	15	6	3.9	1.4	8	5	73	<5	<0.5	13
302	AEM24-B6	54802	<10	720	<1	416.792	<10	60	7	3.9	2.2	11	26	89	<5	1.9	34
303	AEM24-B5	54803	<10	530	<1	402.755	<10	27	5	2.8	1.6	8	12	89	<5	0.7	20
304	AEM24-B4	54804	<10	740	<1	392.53	<10	<5	4	2.3	1.1	6	<1	77	<5	<0.5	8
305	AEM24-B3	54805	<10	870	<1	478.073	<10	17	12	5.7	3.5	17	21	155	<5	<0.5	46
306	AEM24-B2	54806	<10	700	<1	603.273	30	111	9	4	3.6	16	42	87	<5	0.9	75
307	AEM24-B1	54807	<10	800	<1	476.385	<10	<5	6	2.6	1.6	8	2	118	<5	<0.5	14
308	AEM26-A1	54808	<10	920	<1	601.716	<10	419	25	12.4	8.8	41	127	132	<5	1.1	198
309	AEM26-A2	54809	<10	810	<1	428.81	<10	1460	69	29.2	18.4	89	303	92	<5	1.5	407
310	AEM26-A3	54810	<10	770	<1	596.112	20	31	11	11.5	1	8	2	66	<5	<0.5	6
311	AEM26-A4	54811	<10	510	<1	364.438	<10	15	9	4.5	1.9	11	4	68	<5	<0.5	17
312	AEM26-A5	54812	<10	720	<1	561.243	<10	<5	7	6.3	<0.5	5	<1	123	<5	<0.5	<1
313	AEM26-A6	54813	<10	740	<1	484.763	<10	8	6	2.8	1.3	7	<1	81	<5	<0.5	10
314	AEM26-A7	54814	<10	750	<1	488.798	<10	36	14	7.8	3.1	17	6	123	<5	<0.5	26
315	AEM26-A8*	54815	<10	630	<1	487.686	<10	9	6	2.9	1.8	9	1	83	<5	<0.5	14

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
316	AEM26-A9	54816	<10	600	<1	297.37	<10	28	4	2	1.2	7	<1	76	<5	<0.5	10
317	AEM26-A10	54817	<10	610	<1	318.372	<10	22	4	2.4	1.2	6	<1	81	<5	<0.5	7
318	AEM26-A11	54818	<10	520	<1	315.678	<10	95	6	3.2	1.8	9	4	69	<5	<0.5	17
319	AEM26-A12	54819	<10	820	<1	502.286	<10	97	14	7.2	3.5	17	14	119	<5	<0.5	42
320	AEM26-A13	54820	<10	660	<1	447.287	<10	75	11	6.1	2.7	15	8	95	<5	<0.5	28
321	AEM26-A14	54821	<10	790	<1	568.166	<10	<5	6	5	0.6	5	<1	143	<5	<0.5	<1
322	AEM26-B14	54822	<10	800	<1	607.047	<10	81	13	8.3	2.6	15	3	119	<5	<0.5	18
323	AEM26-B13	54823	<10	620	<1	309.568	<10	34	5	2.9	0.9	6	<1	93	<5	<0.5	4
324	AEM26-B12	54824	<10	710	<1	403.164	<10	46	7	3.8	1.7	9	3	108	<5	<0.5	15
325	AEM26-B11	54825	<10	750	<1	402.575	<10	16	7	3.9	1.6	9	<1	119	<5	<0.5	11
326	AEM26-B10	54826	<10	470	<1	286.557	<10	33	3	1.7	0.9	5	<1	63	<5	<0.5	7
327	AEM26-B9	54827	<10	660	<1	642.419	<10	<5	6	6.4	<0.5	4	<1	104	<5	<0.5	<1
328	AEM26-B8*	54828	<10	550	<1	464.154	<10	30	36	37.3	3.9	27	43	70	<5	<0.5	55
329	AEM26-B7	54829	<10	710	<1	571.365	<10	213	26	31.1	2.7	16	53	56	<5	<0.5	50
330	AEM26-B6	54830	<10	1060	<1	634.659	<10	1010	24	21.2	5.2	25	187	94	<5	0.7	163
331	AEM26-B5	54831	<10	680	<1	574.564	<10	21	37	26.8	6.6	40	53	186	<5	<0.5	86
332	AEM26-B4	54832	<10	740	<1	633.73	<10	<5	11	8.8	1.1	9	<1	144	<5	<0.5	6
333	AEM26-B3	54833	<10	690	<1	611.627	<10	56	10	7.7	1.2	8	3	103	<5	<0.5	8
334	AEM26-B2	54834	<10	530	<1	426.96	<10	26	12	6.6	2.7	15	11	79	<5	<0.5	28
335	AEM26-B1	54835	<10	710	<1	699.863	20	53	12	9.5	1.8	11	6	109	<5	<0.5	18
336	AEM25-A1	54836	<10	830	<1	542.57	<10	17	12	6.9	2.5	14	3	107	<5	<0.5	17
337	AEM25-A2	54837	<10	860	<1	592.512	20	318	27	14.8	7.3	35	130	82	<5	2.6	165
338	AEM25-A3	54838	<10	800	<1	436.259	<10	51	11	5.6	3.1	16	13	77	<5	<0.5	35
339	AEM25-A4	54839	<10	760	<1	470.139	<10	18	10	5.8	2.1	12	4	108	<5	<0.5	17
340	AEM25-A5	54840	<10	610	<1	444.542	<10	95	12	6.4	3.9	19	30	61	<5	<0.5	58
341	AEM25-A6	54841	<10	560	<1	331.488	<10	8	7	3.3	1.7	10	5	80	<5	<0.5	17
342	AEM25-A7	54842	<10	220	<1	297.825	40	36	9	6.1	1.9	9	14	45	<5	<0.5	25
343	AEM25-A8*	54843	<10	740	<1	437.306	<10	<5	9	4.9	2	11	3	112	<5	<0.5	15
344	AEM25-A9	54844	<10	1110	<1	452.198	<10	17	8	4.9	1.9	11	3	81	<5	<0.5	17
345	AEM25-A10	54845	<10	260	<1	439.745	60	<5	5	5.9	0.5	3	<1	35	<5	<0.5	3
346	AEM25-A11	54846	<10	1030	<1	430.222	<10	112	16	8.6	4.3	22	42	84	<5	1.6	69
347	AEM25-A12	54847	<10	1150	<1	385.564	<10	358	19	8.9	7	31	157	78	<5	5.8	170
348	AEM25-A13	54848	<10	1120	<1	402.758	<10	64	13	7.1	3.4	18	23	77	<5	1.2	42
349	AEM25-A14	54849	<10	1550	<1	392.662	<10	215	23	11.7	7.5	36	89	90	<5	3.9	139
350	AEM25-B14	54850	10	950	<1	361.3467	<10	35	9	4.8	2.3	12	9	110	<5	<0.5	25
351	AEM25-B13	54851	<10	1060	<1	578.0423	<10	6	7	5.7	0.7	6	1	158	<5	<0.5	6
352	AEM25-B12	54852	<10	360	<1	341.2288	20	20	6	4.1	1	5	8	31	<5	<0.5	13
353	AEM25-B11	54853	<10	710	<1	493.5612	<10	9	14	6.5	3.7	20	10	130	<5	<0.5	35
354	AEM25-B10	54854	<10	600	<1	375.859	<10	18	7	3.7	2.1	11	6	99	<5	<0.5	20
355	AEM25-B9	54855	<10	640	<1	546.3271	10	55	13	6.5	3.3	18	21	115	<5	<0.5	47
356	AEM25-B8*	54856	<10	810	<1	592.2169	<10	21	9	5.4	1.8	10	5	122	<5	<0.5	16
357	AEM25-B7	54857	<10	1090	<1	658.1135	<10	45	8	4.1	2.2	11	13	120	<5	<0.5	29
358	AEM25-B6	54858	<10	490	<1	271.6956	<10	15	4	2.1	1.2	6	2	74	<5	<0.5	11
359	AEM25-B5	54859	<10	490	<1	342.8777	<10	30	6	3.1	1.6	8	4	83	5	<0.5	14
360	AEM25-B4	54860	<10	570	<1	386.6588	<10	23	8	4.1	2	11	8	98	<5	<0.5	22

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
361	AEM25-B3	54861	<10	650	<1	423.5869	<10	21	9	4.1	2.7	14	8	109	<5	<0.5	29
362	AEM25-B2	54862	<10	920	<1	589.6693	<10	<5	8	5.4	1.4	9	3	164	<5	<0.5	11
363	AEM25-B1	54863	<10	1110	<1	690.5074	10	40	11	8.6	2	12	17	100	<5	<0.5	31
364	AEM23-A10	54864	<10	510	<1	347.4262	<10	29	4	2.3	1.5	8	5	111	<5	<0.5	18
365	AEM23-A9	54865	<10	590	<1	423.5066	<10	56	5	2.5	1.6	8	4	120	<5	<0.5	15
366	AEM23-A8*	54866	<10	300	<1	430.0175	40	12	5	4	0.6	3	4	26	<5	<0.5	7
367	AEM23-A7	54867	<10	720	<1	422.8884	<10	67	10	4.9	3.3	16	21	104	<5	0.6	48
368	AEM23-A6	54868	<10	1240	<1	641.9996	<10	86	9	7.2	2	11	31	105	8	<0.5	48
369	AEM23-A5	54869	<10	550	<1	546.8089	10	12	6	4.8	0.7	5	<1	121	<5	<0.5	4
370	AEM23-A4	54870	<10	1050	<1	764.9158	<10	15	6	4.7	1.3	7	3	169	<5	<0.5	13
371	AEM23-A3	54871	<10	750	<1	508.1626	<10	16	9	4.8	2.1	12	8	129	<5	<0.5	24
372	AEM23-A2	54872	<10	780	<1	633.8453	<10	<5	7	5.7	0.9	6	<1	162	<5	<0.5	4
373	AEM23-A1	54873	<10	780	<1	608.0888	<10	9	5	3.7	1	6	2	142	<5	<0.5	8
374	AEM31-A1	54874	<10	540	<1	21.8438	<10	74	10	4.7	4.1	12	35	2	<5	3.6	45
375	AEM31-A2	54875	<10	300	<1	<10	<10	241	24	11.1	11.4	35	86	<1	<5	2.5	144
376	AEM31-A3	54876	<10	250	<1	289.0723	30	17	10	8.3	1.1	6	7	25	<5	<0.5	14
377	AEM31-A5	54877	<10	690	<1	30.0256	<10	278	31	14.4	12.6	45	118	2	<5	2.6	195
378	AEM31-A6	54878	<10	330	<1	199.5796	40	160	23	12.2	8	32	69	21	<5	1.7	132
379	AEM31-A7	54879	<10	190	<1	359.1445	20	7	2	2	<0.5	2	3	20	<5	<0.5	5
380	AEM31-A8*	54880	<10	160	<1	348.3711	<10	8	1	1.3	<0.5	1	3	17	11	<0.5	4
381	AEM31-A9	54881	<10	160	<1	419.3266	<10	<5	1	1	<0.5	1	<1	50	<5	<0.5	2
382	AEM31-A10	54882	<10	210	<1	453.2847	20	<5	3	2.9	<0.5	2	<1	31	<5	<0.5	1
383	AEM31-A11	54883	<10	130	<1	392.0103	10	<5	2	2.1	<0.5	1	<1	17	<5	<0.5	<1
384	AEM31-A12	54884	<10	130	<1	370.7066	<10	<5	<1	<0.5	<0.5	<1	<1	24	<5	<0.5	<1
385	AEM31-A13	54885	<10	160	<1	448.1356	20	<5	1	1.3	<0.5	<1	<1	26	<5	<0.5	<1
386	AEM31-A14	54886	<10	140	<1	357.6804	<10	7	<1	<0.5	<0.5	<1	2	34	<5	<0.5	2
387	AEM31-B14	54887	<10	150	<1	476.1746	30	<5	<1	<0.5	<0.5	<1	<1	17	<5	<0.5	<1
388	AEM31-B13	54888	<10	150	<1	417.5336	20	<5	1	1.3	<0.5	<1	<1	21	<5	<0.5	<1
389	AEM31-B12	54889	<10	130	<1	412.423	30	<5	1	1.3	<0.5	<1	<1	17	<5	<0.5	<1
390	AEM31-B11	54890	<10	120	<1	380.908	<10	<5	<1	0.6	<0.5	<1	<1	31	<5	<0.5	<1
391	AEM31-B10	54891	<10	110	<1	344.0393	<10	<5	<1	0.5	<0.5	<1	<1	24	<5	<0.5	<1
392	AEM31-B9	54892	<10	110	<1	344.6531	<10	<5	<1	0.6	<0.5	<1	<1	47	<5	<0.5	<1
393	AEM31-B8*	54893	<10	150	<1	374.8382	<10	<5	<1	<0.5	<0.5	<1	<1	22	<5	<0.5	<1
394	AEM31-B7	54894	<10	130	<1	378.0634	<10	<5	<1	<0.5	<0.5	<1	<1	29	<5	<0.5	<1
395	AEM31-B6	54895	<10	100	<1	305.8143	<10	<5	<1	0.6	<0.5	1	<1	48	<5	<0.5	1
396	AEM31-B5	54896	<10	140	<1	371.6834	<10	<5	<1	0.7	<0.5	<1	<1	20	<5	<0.5	<1
397	AEM31-B4	54897	<10	130	<1	420.2198	<10	<5	1	1.2	<0.5	<1	<1	25	<5	<0.5	<1
398	AEM31-B3	54898	50	130	<1	466.5188	<10	<5	<1	<0.5	<0.5	<1	<1	56	<5	<0.5	<1
399	AEM31-B2	54899	<10	90	<1	421.4903	<10	<5	<1	0.6	<0.5	<1	<1	52	<5	<0.5	<1
400	AEM31-B1	54900	40	100	<1	450.8834	<10	<5	<1	<0.5	<0.5	<1	<1	41	<5	<0.5	<1
401	AEM16-C14	54901	<10	940	<1	512	<10	70	13	5.8	5.2	29	44	97	<5	<0.5	84
402	AEM16-C13	54902	<10	820	<1	34	<10	368	20	9.8	9.5	43	113	2	<5	4.4	199
403	AEM16-C12	54903	<10	630	<1	<10	<10	117	13	6.6	4.5	20	44	<1	<5	5.6	68
404	AEM16-C11	54904	<10	760	<1	53	<10	661	28	14.1	12.6	60	178	6	<5	4.4	282
405	AEM16-C10	54905	<10	1770	<1	588	<10	498	52	25.1	17.7	102	226	111	<5	<0.5	336

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
406	AEM16-C9	54906	<10	1730	<1	669	<10	122	17	8.9	5.2	31	50	125	35	<0.5	89
407	AEM16-C8*	54907	<10	1250	<1	204	<10	75	4	1.4	1.7	9	26	25	<5	0.6	39
408	AEM16-C7	54908	<10	830	<1	182	<10	81	5	2.4	2.1	10	30	21	<5	2.7	41
409	AEM16-C6	54909	<10	840	<1	201	<10	267	11	5	4.3	22	56	26	<5	1.3	88
410	AEM16-C5	54910	<10	540	<1	276	10	494	38	19.8	12.2	64	171	29	<5	1.7	244
411	AEM16-C4	54911	<10	1400	<1	169	<10	69	5	2.7	1.9	10	29	16	<5	2	41
412	AEM16-C3	54912	<10	770	<1	466	<10	21	11	6.1	3	19	10	85	<5	<0.5	32
413	AEM16-C2	54913	<10	560	<1	<10	<10	200	17	7.8	6.7	31	88	<1	<5	6.7	118
414	AEM16-C1	54914	<10	280	<1	12	<10	382	30	12.2	13.4	62	111	<1	<5	0.6	226
415	AEM22-B1	54915	<10	980	<1	592	10	495	80	47.5	18.6	114	231	155	<5	0.7	337
416	AEM22-B2	54916	<10	890	<1	646	10	310	61	32.5	16.2	98	182	130	<5	0.5	287
417	AEM22-B3	54917	<10	930	<1	808	<10	<5	10	7.6	1.4	11	3	160	<5	<0.5	12
418	AEM22-B4	54918	<10	770	<1	768	<10	<5	13	10.7	1.2	11	4	158	<5	<0.5	10
419	AEM22-B5	54919	<10	620	<1	753	30	12	7	6.1	0.8	6	2	102	18	<0.5	8
420	AEM22-B6	54920	<10	640	<1	635	<10	20	14	7.6	3.9	25	26	200	12	<0.5	56
421	AEM22-B7	54921	<10	830	<1	756	<10	15	16	8.8	3.7	25	14	186	<5	<0.5	41
422	AEM22-B8*	54922	<10	820	<1	749	<10	12	15	7.3	3.7	24	18	164	<5	<0.5	47
423	AEM22-B9	54923	<10	580	<1	493	<10	15	8	4.2	1.9	13	3	113	<5	<0.5	18
424	AEM22-B10	54924	<10	740	<1	616	<10	15	11	6.1	2.6	18	6	136	<5	<0.5	25
425	AEM22-B11	54925	<10	670	<1	504	<10	11	8	3.9	1.9	14	2	116	<5	<0.5	16
426	AEM22-B12	54926	<10	730	<1	631	<10	29	15	7.5	3.6	24	9	154	<5	<0.5	35
427	AEM22-B13	54927	<10	680	<1	576	<10	21	12	6.2	2.7	19	4	141	<5	<0.5	24
428	AEM22-B14	54928	<10	690	<1	536	<10	12	10	4.9	2.6	18	5	141	<5	<0.5	25
429	Mine-A1	54929	<10	260	<1	327.377	20	12	2	1.7	0.5	3	5	39	<5	<0.5	7
430	Mine-A2	54930	<10	650	<1	274.234	20	16	2	1.5	0.6	3	5	28	<5	<0.5	8
431	Mine-A3	54931	<10	500	<1	306.696	<10	11	2	1.4	0.7	3	5	34	<5	<0.5	7
432	Mine-A4	54932	<10	420	<1	334.007	<10	7	<1	0.6	<0.5	1	3	34	<5	<0.5	4
433	Mine-A5	54933	<10	320	<1	325.263	10	<5	2	1.9	<0.5	1	1	23	<5	<0.5	2
434	Mine-A6	54934	<10	320	<1	320.102	10	7	2	1	<0.5	2	3	36	<5	<0.5	4
435	Mine-A7	54935	<10	280	<1	325.683	<10	<5	1	0.9	<0.5	1	2	39	<5	<0.5	3
436	Mine-A8	54936	<10	260	<1	345.086	20	<5	2	1.3	<0.5	1	2	33	<5	<0.5	3
437	Mine-A9	54937	<10	270	<1	372.088	10	9	2	1.5	<0.5	2	3	42	<5	<0.5	5
438	Mine-A10	54938	<10	220	<1	334.682	<10	7	2	1.3	<0.5	2	3	36	<5	<0.5	5
439	Mine-A11	54939	<10	250	<1	336.379	20	<5	1	1	<0.5	1	2	34	<5	<0.5	3
440	Mine-A12	54940	<10	150	<1	297.514	<10	<5	2	1.3	<0.5	<1	<1	26	<5	<0.5	2
441	Mine-A13	54941	<10	200	<1	321.517	10	8	2	1.2	<0.5	2	3	36	<5	<0.5	5
442	Mine-A14	54942	<10	200	<1	283.539	10	6	1	0.9	<0.5	1	2	28	<5	<0.5	4
443	Mine-A15	54943	<10	200	<1	315.232	10	7	3	1.8	0.5	2	2	35	<5	<0.5	5
444	Mine-A16	54944	<10	170	<1	300.301	<10	8	2	1.3	<0.5	2	3	37	<5	<0.5	5
445	Mine-A17	54945	<10	190	<1	344.874	<10	5	1	0.9	<0.5	1	2	34	<5	<0.5	4
446	Mine-B1	54946	<10	190	<1	393.457	30	8	2	1.4	0.5	2	3	38	<5	<0.5	5
447	Mine-B2	54947	<10	160	<1	325.263	<10	<5	2	1.5	<0.5	2	2	34	<5	<0.5	3
448	Mine-B3	54948	<10	200	<1	401.824	30	10	3	1.6	0.6	2	4	37	<5	<0.5	7
449	Mine-B4	54949	<10	170	<1	348.756	20	11	2	1.6	0.5	2	3	35	<5	<0.5	6
450	Mine-B5	54950	<10	150	<1	399.608	20	<5	2	1.4	<0.5	1	1	29	<5	<0.5	3

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
451	Mine-B6	54951	<10	130	<1	324.853	10	<5	2	1.6	<0.5	1	1	34	<5	<0.5	3
452	Mine-B7	54952	<10	120	<1	347.857	20	<5	2	1.3	<0.5	1	<1	27	<5	<0.5	1
453	Mine-B8	54953	<10	170	<1	380.356	20	<5	<1	0.6	<0.5	<1	<1	31	<5	<0.5	1
454	Mine-B9	54954	<10	170	<1	346.094	20	<5	1	0.9	<0.5	1	1	34	<5	<0.5	2
455	Mine-B10	54955	<10	190	<1	386.826	20	<5	1	1	<0.5	1	1	40	<5	<0.5	2
456	Mine-B11	54956	<10	150	<1	357.696	10	8	1	0.8	<0.5	1	3	32	<5	<0.5	4
457	Mine-B12	54957	<10	140	<1	301.27	20	7	1	1	<0.5	2	2	31	<5	<0.5	4
458	Mine-B13	54958	<10	130	<1	358.582	<10	<5	1	0.9	<0.5	1	2	37	<5	<0.5	3
459	AEM21-A1	54959	<10	700	<1	466.657	10	122	15	5.8	5.5	26	50	140	<5	<0.5	97
460	AEM21-A2	54960	<10	570	<1	376.492	<10	17	8	5	1.9	10	7	133	<5	<0.5	19
461	AEM21-A3	54961	<10	980	<1	518.075	<10	429	72	41.5	17.9	95	281	117	<5	<0.5	354
462	AEM21-A4	54962	<10	730	<1	537.493	<10	<5	11	7.4	1.5	10	5	135	<5	<0.5	11
463	AEM21-A5	54963	<10	790	<1	627.588	<10	6	9	5.7	1.7	10	9	128	<5	<0.5	19
464	AEM21-A6	54964	<10	500	<1	231.291	<10	12	4	2.1	1.1	6	5	58	<5	<0.5	13
465	AEM21-A7	54965	<10	510	<1	349.292	<10	12	8	4.5	2.1	11	9	87	<5	<0.5	22
466	AEM21-A8*	54966	<10	540	<1	264.54	<10	7	3	1.8	0.9	5	4	68	<5	<0.5	11
467	AEM21-A9	54967	<10	610	<1	369.896	<10	17	8	4.4	1.9	10	7	99	<5	<0.5	19
468	AEM21-A10	54968	<10	800	<1	578.43	<10	<5	10	5.4	2	11	6	150	<5	<0.5	17
469	AEM21-A11	54969	<10	430	<1	547.896	<10	78	8	4.1	2.3	11	27	88	<5	<0.5	47
470	AEM21-A12	54970	<10	490	<1	314.372	<10	16	4	2.1	1.3	6	9	67	<5	<0.5	20
471	AEM21-A13	54971	<10	650	<1	446.175	<10	8	10	5.9	2.2	13	8	120	<5	<0.5	21
472	AEM21-A14	54972	<10	470	<1	225.571	<10	8	4	2	1	5	3	100	5	<0.5	9
473	AEM31a-B1	54973	<10	650	<1	195.283	<10	7	2	1.1	0.9	4	5	28	<5	<0.5	14
474	AEM31a-B2	54974	<10	480	<1	277.8083	<10	53	5	2.3	2	8	29	32	<5	1.1	42
475	AEM31a-B3	54975	<10	560	<1	341.3223	<10	32	6	3	1.7	9	8	72	7	<0.5	21
476	AEM31a-B4	54976	<10	790	<1	184.3512	<10	6	2	1.1	0.8	4	4	27	<5	<0.5	12
477	AEM31a-B5	54977	<10	630	<1	373.9824	<10	583	43	19	18.4	80	335	91	<5	1.1	441
478	AEM31a-B6	54978	<10	690	<1	355.6564	<10	7	5	2.4	1.4	7	6	104	<5	<0.5	16
479	AEM31a-B7	54979	<10	770	<1	544.181	<10	39	76	76.8	8.3	56	45	77	<5	<0.5	88
480	AEM31a-B8*	54980	<10	1180	<1	727.3662	<10	67	55	66.8	5.8	37	38	24	<5	<0.5	63
481	AEM31a-B9	54981	<10	1100	<1	651.2693	<10	120	43	47.5	4.6	28	68	35	<5	<0.5	80
482	AEM31a-B10	54982	<10	1080	<1	738.0142	<10	6	12	9.6	1.4	10	4	98	<5	<0.5	11
483	AEM31a-B11	54983	30	1150	<1	31.5051	<10	638	29	11.1	11.9	47	214	9	7	17.4	252
484	AEM31a-B12	54984	20	940	<1	135.1966	<10	1740	71	27.9	29.5	125	735	20	<5	16.6	736
485	AEM31a-B13	54985	20	550	<1	75.6965	<10	554	31	14.2	12.3	48	174	12	6	11.7	226
486	AEM31a-B14	54986	<10	1170	<1	633.0445	<10	11	7	6.8	0.6	5	<1	110	<5	<0.5	3
487	AEM31a-A14	54987	<10	950	<1	560.1178	<10	<5	4	2.7	0.9	5	2	147	<5	<0.5	7
488	AEM31a-A13	54988	<10	690	<1	414.1005	<10	7	3	1.4	0.9	4	4	89	<5	<0.5	11
489	AEM31a-A12	54989	<10	910	<1	370.876	<10	12	4	1.9	1.4	7	5	94	<5	<0.5	16
490	AEM31a-A11	54990	<10	1330	<1	608.4529	<10	35	21	17.2	2.6	16	18	96	<5	<0.5	31
491	AEM31a-A10	54991	<10	530	<1	329.0287	<10	620	39	16	16.6	75	284	54	<5	0.9	410
492	AEM31a-A9	54992	<10	930	<1	694.431	<10	<5	6	5.9	0.7	4	2	97	<5	<0.5	5
493	AEM31a-A8*	54993	<10	990	<1	732.8101	<10	10	6	5	0.7	5	2	86	<5	<0.5	6
494	AEM31a-A7	54994	<10	930	<1	736.6348	10	6	9	9.3	1	7	7	69	<5	<0.5	12
495	AEM31a-A6	54995	<10	750	<1	602.0817	<10	<5	7	4.6	1.3	7	6	121	<5	<0.5	14

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
496	AEM31a-A5	54996	<10	640	<1	350.8472	<10	30	5	2.4	2	9	25	54	<5	0.6	40
497	AEM31a-A4	54997	<10	530	<1	320.3343	20	32	7	5	1.2	6	12	40	13	0.9	18
498	AEM31a-A3	54998	<10	840	<1	531.8445	<10	186	12	5.5	5.2	24	73	67	<5	<0.5	113
499	AEM31a-A2	54999	<10	1330	<1	246.62	<10	259	14	5.8	6.9	28	130	39	<5	2.2	172
500	AEM31a-A1	55000	<10	1010	<1	457.0302	<10	33	8	4.6	2.2	12	9	96	<5	<0.5	23
501	AEM26-A15	97000	<10	860	<1	358.4548	<10	377	20	8.5	8.5	38	167	58	<5	0.9	198
502	AEM26-A16	97001	<10	380	<1	193.3041	<10	329	14	6.5	5.9	26	152	29	<5	2	156
503	AEM26-A17	97002	<10	1370	<1	913.2376	<10	27	30	15.8	7	38	59	153	<5	<0.5	100
504	AEM26-A18*	97003	<10	1290	<1	815.6533	<10	33	28	13.7	7.2	38	59	143	<5	<0.5	102
505	AEM26-A19	97004	<10	1240	<1	711.4734	<10	116	31	15.2	8.3	43	80	123	<5	<0.5	132
506	AEM26-A20	97005	<10	730	<1	462.1034	<10	8	14	7	3.3	19	13	98	<5	<0.5	34
507	AEM26-A21	97006	<10	830	<1	458.5383	<10	33	26	10.4	9.6	46	129	81	<5	<0.5	195
508	AEM26-A22	97007	<10	1250	<1	639.7831	<10	244	71	36.9	18.6	94	243	130	<5	<0.5	316
509	AEM26-A23	97008	<10	1290	<1	721.4196	<10	209	94	73.3	12.6	74	115	41	<5	<0.5	171
510	AEM24-C1	97009	<10	1010	<1	398.222	<10	77	7	3.7	2.2	12	37	71	<5	1.3	46
511	AEM24-C2	97010	<10	700	<1	386.1605	<10	35	9	5.4	1.9	11	14	71	<5	<0.5	25
512	AEM24-C3	97011	<10	850	<1	362.6271	<10	13	5	2.7	1.1	7	8	61	<5	<0.5	16
513	AEM24-C4	97012	<10	1010	<1	414.5174	<10	57	10	5.4	2.4	13	19	69	<5	<0.5	35
514	AEM24-C5	97013	<10	940	<1	520.4342	<10	156	12	5.4	4.5	21	69	121	<5	1.1	97
515	AEM24-C6	97014	<10	900	<1	425.7715	<10	14	9	4.6	2.1	12	11	92	<5	<0.5	24
516	AEM24-C7	97015	<10	880	<1	520.6091	<10	6	6	2.9	1.4	8	6	153	<5	<0.5	15
517	AEM24-C8*	97016	<10	840	<1	531.1944	<10	6	8	4	1.8	10	7	151	<5	<0.5	18
518	AEM24-C9	97017	<10	920	<1	574.5531	<10	12	10	4.9	2.4	13	15	154	<5	<0.5	30
519	AEM24-C10	97018	<10	1170	<1	534.2117	<10	23	12	6.2	2.6	14	8	142	<5	<0.5	24
520	AEM24-C11	97019	<10	930	<1	527.0859	<10	168	23	10.3	7.6	37	65	110	<5	<0.5	121
521	AEM24-C12	97020	<10	810	<1	451.0418	<10	9	9	4.6	2	11	10	116	<5	<0.5	23
522	AEM24-C13	97021	<10	750	<1	594.5269	<10	68	23	11.4	6.8	34	60	139	<5	<0.5	104
523	AEM24-C14	97022	<10	710	<1	473.7018	<10	32	9	4.5	2.2	12	10	95	<5	<0.5	26
524	AEM26-B15	97023	20	870	1	193.9707	<10	545	20	8.4	7.7	33	196	29	<5	6.9	200
525	AEM26-B16	97024	<10	970	<1	670.6139	<10	168	21	10.6	6.2	32	67	103	<5	<0.5	107
526	AEM26-B17	97025	<10	650	<1	312.8763	<10	24	5	2.6	0.9	6	4	65	<5	<0.5	10
527	AEM26-B18*	97026	<10	670	<1	324.9895	<10	16	4	2.5	0.8	5	4	66	<5	<0.5	9
528	AEM26-B19	97027	<10	1080	<1	699.1259	<10	24	15	9	2.8	17	10	122	<5	<0.5	27
529	AEM26-B20	97028	<10	690	<1	484.2035	<10	43	14	7.2	3	17	12	88	<5	<0.5	31
530	AEM26-B21	97029	<10	850	<1	386.2056	<10	20	11	5.8	2.7	15	11	75	<5	<0.5	31
531	AEM26-B22	97030	<10	1080	<1	739.2484	<10	50	22	11.1	5.8	30	47	129	<5	<0.5	87
532	AEM26-B23	97031	<10	970	<1	851.4407	<10	<5	16	10.8	2.4	16	11	129	<5	<0.5	26
533	AEM1-E1	97032	30	1090	<1	<10	30	96	6	3.1	2.6	8	47	3	<5	16.1	42
534	AEM1-E2	97033	20	790	<1	<10	10	171	11	5	4.7	16	85	<1	6	9.2	81
535	AEM1-E3	97034	20	820	<1	140.2313	20	96	7	3.7	2	8	42	9	<5	12.6	39
536	AEM1-E4	97035	40	770	1	<10	10	111	7	3	2.5	9	51	3	5	21	45
537	AEM1-E5	97036	20	800	1	23.1044	<10	460	14	5.3	5.6	21	194	7	7	30.4	131
538	AEM1-E6	97037	10	540	<1	55.2321	20	178	12	5.6	5	18	83	2	<5	3.4	85
539	AEM1-E7	97038	10	630	<1	<10	70	78	7	3.7	2.8	9	36	<1	<5	5.7	41
540	AEM1-E8*	97039	10	480	<1	17.0973	30	200	13	6.3	5.8	20	96	<1	<5	4.7	101

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	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
541	AEM1-E9	97040	20	1110	1	145.2099	10	74	5	2.8	1.7	7	41	15	<5	20.1	32
542	AEM1-E10	97041	10	700	<1	<10	20	89	8	4.1	3.2	10	39	<1	<5	4.9	48
543	AEM1-E11	97042	30	790	<1	<10	20	225	13	5.9	5	19	98	2	5	11.6	97
544	AEM1-E12	97043	20	680	<1	31.5953	20	72	9	4.8	2.9	11	38	3	<5	17.7	45
545	AEM1-E13	97044	20	1530	<1	41.569	20	106	9	4.4	3	11	46	4	5	11.2	54
546	AEM1-E14	97045	20	390	<1	13.4332	<10	67	8	4.5	2.6	9	30	3	6	12.8	37
547	AEM1-D14	97046	<10	960	<1	321.1175	<10	223	21	8.1	9.6	41	145	76	<5	1	211
548	AEM1-D13	97047	30	1520	1	179.8302	<10	2630	214	103	71.5	333	1520	46	<5	12.2	1730
549	AEM1-D12	97048	20	670	<1	<10	<10	212	19	8	5.8	23	96	1	<5	8.2	99
550	AEM1-D11	97049	10	180	<1	<10	<10	199	19	10	7.4	27	97	<1	5	3.2	121
551	AEM1-D10	97050	<10	210	<1	<10	20	106	11	5.5	3.5	13	43	<1	<5	2.8	55
552	AEM1-D9	97051	20	500	<1	31.9935	<10	187	12	6	5	17	87	3	5	11.9	86
553	AEM1-D8*	97052	<10	550	<1	<10	<10	92	16	9.7	3.9	15	47	3	<5	7.3	58
554	AEM1-D7	97053	<10	580	<1	<10	<10	112	20	10.6	4.7	19	50	1	<5	4.8	70
555	AEM1-D6	97054	10	950	<1	330.8624	20	82	6	2.8	1.7	8	31	38	<5	3.8	32
556	AEM1-D5	97055	20	1230	<1	209.3905	20	368	43	20.2	10.3	49	192	45	<5	5.2	186
557	AEM1-D4	97056	10	1250	<1	275.7128	20	98	9	4.8	2.3	10	34	33	<5	2.6	39
558	AEM1-D3	97057	20	510	<1	78.9855	10	162	12	5.6	3.9	16	64	7	<5	8	68
559	AEM1-D2	97058	20	400	<1	39.8013	10	174	14	6.1	5.4	19	82	2	6	7.8	88
560	AEM1-D1	97059	10	1280	<1	276.7864	<10	521	66	29.1	17	79	288	52	<5	3.9	299
561	AEM 31a-C1	97060	<10	1810	<1	744.7264	<10	924	67	62	17.7	91	578	172	<5	<0.5	534
562	AEM 31a-C2	97061	<10	1430	<1	580.8671	<10	1410	232	120	71.3	350	902	165	<5	0.8	1340
563	AEM 31a-C3	97062	<10	810	<1	548.3786	<10	25	15	8.4	3.5	20	14	123	<5	<0.5	36
564	AEM 31a-C4	97063	<10	1210	<1	660.1221	<10	14	11	6.7	1.7	12	7	144	<5	<0.5	11
565	AEM 31a-C5	97064	<10	1430	<1	373.4456	<10	528	49	22.9	13.6	64	263	73	<5	1.7	256
566	AEM 31a-C6	97065	<10	1620	<1	632.5165	<10	1100	163	97.5	39.9	200	487	123	<5	0.7	715
567	AEM 31a-C7	97066	<10	1460	<1	680.1091	<10	506	48	63.4	9.8	64	330	108	<5	<0.5	304
568	AEM 31a-C8*	97067	<10	1700	<1	750.7995	<10	218	25	25.3	5.4	27	116	109	<5	0.7	122
569	AEM 31a-C9	97068	<10	1550	<1	993.8478	<10	148	42	21.5	11.2	58	115	158	<5	<0.5	190
570	AEM 31a-C10	97069	<10	1110	<1	692.6315	10	314	27	14.3	7.5	37	112	113	<5	0.8	150
571	AEM 31a-C11	97070	<10	590	<1	484.088	<10	6	16	12.2	1.9	14	2	141	<5	<0..5	6
572	AEM 31a-C12	97071	<10	1950	<1	843.3788	<10	274	55	32.8	13	69	124	154	<5	<0.5	198
573	AEM 31a-C13	97072	<10	1260	<1	685.6916	<10	101	23	13.3	5.3	30	20	113	<5	<0.5	56
574	AEM 31a-C14	97073	<10	1120	<1	382.1609	<10	190	13	5.8	4.5	22	53	59	<5	1.3	84
575	AEM 31-C1	97074	<10	1140	<1	464.7588	<10	19	9	5	1.8	11	7	98	5	<0..5	16
576	AEM 31-C2	97075	<10	1570	<1	600.1534	10	13	13	8.5	1.6	11	6	91	<5	<0.5	10
577	AEM 31-C3	97076	<10	1830	<1	482.0519	<10	61	17	10.8	3.5	21	26	42	8	<0.5	47
578	AEM 31-C4	97077	<10	1700	<1	620.3329	20	532	43	23.6	11.8	57	233	57	8	4.6	267
579	AEM 31-C5	97078	<10	230	<1	333.4892	40	32	11	7.9	2	10	14	34	<5	<0.5	22
580	AEM 31-C6	97079	<10	2480	<1	702.1179	10	384	25	13	7.7	37	137	62	23	3.1	178
581	AEM 31-C7	97080	<10	280	<1	358.743	20	30	9	6.7	1.6	8	15	30	<5	<0.5	21
582	AEM 31-C8*	97081	<10	220	<1	338.5866	20	24	8	6.8	1.3	7	12	30	<5	<0.5	18
583	AEM 31-C9	97082	<10	760	<1	213.9577	<10	455	17	7	7.5	34	146	20	<5	1.7	186
584	AEM 31-C10	97083	<10	330	<1	326.2776	<10	91	6	2.7	2.5	12	33	24	<5	0.8	52
585	AEM 31-C11	97084	<10	570	<1	470.613	<10	120	3	1.4	1.3	6	19	37	<5	0.7	28

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
586	AEM 31-C13	97085	20	680	1	<10	20	64	9	5.5	2.6	10	29	6	8	33.9	33
587	AEM 31-C14	97086	<10	180	<1	287.6214	<10	121	5	2.1	2.1	9	49	44	<5	4.3	51
588	AEM 14-C1	97087	<10	170	<1	383.9066	30	23	3	2.1	0.8	5	10	64	<5	<0.5	16
589	AEM 14-C2	97088	<10	170	<1	448.8803	30	36	5	2.9	1.4	7	18	64	<5	<0.5	27
590	AEM 14-C3	97089	<10	1030	<1	414.8056	<10	53	9	3.4	3.9	19	46	65	<5	<0..5	81
591	AEM 14-C4	97090	<10	1460	<1	447.3942	<10	176	18	7.3	7.8	35	75	104	<5	<0.5	141
592	AEM 14-C5	97091	10	1420	<1	295.4006	<10	1210	52	21.6	20.5	93	436	56	<5	4.8	496
593	AEM 14-C6	97092	<10	2000	<1	511.7662	<10	29	35	15.6	11.6	58	102	125	<5	<0.5	171
594	AEM 14-C7	97093	20	2000	1	65.8999	<10	1190	49	19.2	21.9	82	426	9	5	20.1	453
595	AEM 14-C8*	97094	20	1840	<1	73.8848	<10	3240	136	56	54.7	233	1460	9	<5	17.6	1450
596	AEM 14-C9	97095	10	1260	1	54.1431	<10	677	29	12.9	13	50	296	6	9	22.9	287
597	AEM 14-C10	97096	20	1150	<1	39.7617	<10	371	22	9.9	9.2	33	178	3	7	12..2	170
598	AEM 14-C11	97097	<10	1230	<1	397.6269	<10	366	30	12	12.4	56	156	87	<5	<0.5	247
599	AEM 14-C12	97098	<10	1060	<1	549.648	<10	8	14	8.8	1.8	13	4	154	<5	<0..5	5
600	AEM 14-C13	97099	<10	2780	<1	879.472	<10	465	93	46.1	27.9	139	377	174	<5	<0.5	483
601	AEM 14-C14	97100	<10	2080	<1	840.8092	<10	136	49	33.3	12.4	67	137	186	<5	<0.5	203
602	AEM 14-D1	97101	<10	330	<1	289.6014	30	52	10	5.6	2.6	13	37	42	<5	<0..5	46
603	AEM 14-D2	97102	<10	280	<1	398.1098	<10	21	1	0.7	<0.5	2	19	67	<5	<0.5	14
604	AEM 14-D3	97103	<10	190	<1	359.1511	20	28	6	3.8	1.2	7	16	51	<5	<0.5	20
605	AEM 14-D4	97104	<10	1580	<1	619.2428	10	385	25	13.5	7.6	36	137	96	<5	1.6	170
606	AEM 14-D5	97105	<10	140	<1	321.9304	30	9	<1	0.7	<0.5	1	5	58	<5	<0.5	4
607	AEM 14-D6	97106	<10	130	<1	396.0132	40	<5	1	2.3	<0.5	<1	<1	38	<5	<0.5	<1
608	AEM 14-D7	97107	<10	160	<1	431.4002	30	10	3	3.2	<0.5	2	4	62	<5	<0.5	7
609	AEM 14-D8*	97108	<10	160	<1	436.1577	20	41	8	4.6	1.6	9	19	71	<5	<0.5	30
610	AEM 14-D9	97109	<10	1180	<1	408.6731	<10	74	9	3.6	4.3	19	62	70	<5	<0..5	90
611	AEM 14-D10	97110	<10	850	<1	309.2936	<10	351	15	5.4	7.5	32	133	47	<5	1..1	183
612	AEM 14-D11	97111	<10	1060	<1	367.2889	<10	27	9	3.5	4.3	20	47	60	<5	<0..5	85
613	AEM 14-D12	97112	<10	690	<1	461.5127	20	249	21	9.8	7.5	36	105	93	<5	0.8	153
614	AEM 14-D13	97113	<10	1090	<1	419.7688	<10	28	10	4.1	3.9	18	18	87	<5	<0.5	55
615	AEM 14-D14	97114	<10	1410	<1	198.0231	<10	365	16	5.6	8.4	34	159	36	<5	3	202
616	AEM 14-B14	97115	<10	2000	<1	537.038	<10	1670	171	96.2	52.7	252	857	93	<5	0.6	1150
617	AEM 14-B13	97116	<10	1790	<1	716.894	<10	613	53	66.5	9.6	50	360	69	<5	<0.5	336
618	AEM 14-B12	97117	<10	1630	<1	471.308	10	1160	100	47.4	32.4	152	524	82	<5	0.6	710
619	AEM 14-B11	97118	<10	1730	<1	514.216	<10	720	87	43.7	27.3	134	429	112	<5	0.6	583
620	AEM 14-B10	97119	<10	2040	<1	471.869	<10	912	66	28.4	25.7	116	381	107	<5	<0.5	566
621	AEM 14-B9	97120	20	1330	<1	44.561	<10	244	14	5.9	5.6	21	123	9	5	26.5	117
622	AEM 14-B8*	97121	110	1130	<1	37.835	<10	896	39	15.5	17.2	70	317	3	<5	8.4	408
623	AEM 14-B7	97122	20	1150	<1	32.3	<10	633	31	12.2	14	54	270	3	<5	8.1	317
624	AEM 14-B6	97123	10	1530	<1	89.125	<10	1610	72	29.4	30.8	131	736	16	<5	5.9	791
625	AEM 14-B5	97124	20	1790	<1	136.852	<10	636	27	11.1	11.7	48	303	25	<5	4.7	297
626	AEM 14-B4	97125	<10	1840	<1	389.128	<10	116	17	6.5	8.5	37	117	84	<5	<0.5	191
627	AEM 14-B3	97126	<10	1490	<1	229.368	<10	415	19	6.9	9.2	39	159	48	<5	0.9	232
628	AEM 14-B2	97127	<10	1820	<1	481.804	<10	46	9	3.7	4	19	44	93	<5	<0.5	81
629	AEM 14-B1	97128	<10	1290	<1	367.604	<10	26	5	2.1	1.7	9	17	61	<5	<0.5	33
630	AEM 14-A1	97129	<10	1370	<1	529.603	<10	42	7	2.9	3.3	16	35	86	<5	<0.5	70

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
631	AEM 14-A2	97130	<10	1420	<1	618.055	<10	23	10	3.8	3.7	18	22	93	<5	<0.5	63
632	AEM 14-A3	97131	<10	1000	<1	300.588	<10	428	19	8.2	8.4	36	184	55	<5	1.7	214
633	AEM 14-A4	97132	10	1420	<1	279.417	10	1630	67	29.9	26	117	580	60	<5	2.8	681
634	AEM 14-A5	97133	<10	1820	<1	348.255	<10	353	23	9.5	11.6	51	215	72	<5	<0.5	295
635	AEM 14-A6	97134	<10	1560	<1	206.62	<10	1020	33	13.4	14.9	63	333	41	<5	3	404
636	AEM 14-A7	97135	<10	1720	<1	409.974	<10	55	9	3.5	4.1	19	46	86	<5	<0.5	85
637	AEM 14-A8*	97136	<10	1420	<1	476.228	<10	57	10	3.8	4.3	20	44	100	<5	<0.5	85
638	AEM 14-A9	97137	<10	1610	<1	465.017	<10	20	8	3.5	2.5	13	15	101	<5	<0.5	37
639	AEM 14-A10	97138	<10	1710	<1	608.361	20	242	27	11.6	10.2	47	125	111	<5	<0.5	202
640	AEM 14-A11	97139	<10	1540	<1	534.494	20	399	35	14.5	14.3	65	162	104	<5	<0.5	290
641	AEM 14-A12	97140	<10	1300	<1	503.488	<10	21	7	3.3	2.1	11	11	102	<5	<0.5	27
642	AEM 14-A13	97141	<10	1470	<1	660.118	<10	28	19	9.2	5	27	21	151	<5	<0.5	59
643	AEM 14-A14	97142	<10	1310	<1	259.42	20	296	18	8.5	6.3	28	144	30	<5	8.1	159
644	AEM 10-A5	97143	<10	750	<1	751.697	<10	53	3	1.3	0.8	5	36	94	<5	<0.5	25
645	AEM 10-A6	97144	<10	720	<1	821.549	<10	35	2	0.7	0.5	3	24	97	6	<0.5	16
646	AEM 10-A7	97145	<10	690	<1	935.32	10	28	2	0.9	0.5	3	16	118	<5	<0.5	14
647	AEM 10-A8*	97146	<10	540	<1	873.74	<10	22	2	0.9	<0.5	3	13	111	<5	<0.5	12
648	AEM 10-A9	97147	<10	530	<1	896.316	10	17	<1	0.6	<0.5	2	11	91	6	<0.5	8
649	AEM 10-A10	97148	<10	480	<1	785.318	10	25	3	1.3	0.6	4	14	107	5	<0.5	14
650	AEM 10-A11	97149	<10	420	<1	790.774	10	31	4	2	0.9	5	15	116	<5	<0.5	18
651	AEM 10-A12	97150	<10	400	<1	775.98	<10	27	3	1.5	0.7	4	14	107	<5	<0.5	16
652	AEM 10-A13	97151	<10	360	<1	725.288	<10	24	3	1.7	0.7	4	11	128	5	<0.5	15
653	AEM 10-A14	97152	<10	400	<1	788.881	10	21	2	1.2	0.6	3	12	101	<5	<0.5	13
654	AEM 11-A14	97153	<10	250	<1	73.435	<10	103	6	3.1	2.9	10	46	6	<5	10.5	55
655	AEM 11-A13	97154	<10	200	<1	<10	<10	407	28	12.2	13.7	49	153	<1	<5	<0.5	261
656	AEM 11-A12	97155	<10	110	<1	<10	<10	342	29	13.6	13.9	47	140	<1	<5	2.7	238
657	AEM 11-A11	97156	<10	80	<1	61.457	<10	37	2	1	0.8	3	18	10	<5	2.6	19
658	AEM 11-A10	97157	<10	100	<1	<10	<10	74	9	4.6	3.2	11	32	<1	<5	2.1	47
659	AEM 11-A9	97158	<10	350	<1	334.027	<10	361	24	9.3	11.4	48	148	45	<5	0.9	252
660	AEM 11-A8*	97159	<10	980	<1	88.723	<10	332	22	9.1	10.1	35	142	6	<5	13.8	193
661	AEM 11-A7	97160	<10	700	<1	71.959	<10	322	21	8.8	9.7	34	138	4	<5	12.3	182
662	AEM 11-A6	97161	20	810	<1	16.867	<10	255	16	6.8	7.2	27	122	1	5	17.3	145
663	AEM 11-A5	97162	10	440	<1	92.57	<10	1520	50	17.9	26.5	100	603	3	<5	5.1	662
664	AEM 11-A4	97163	<10	1240	<1	177.59	<10	445	20	8	9.7	38	204	15	<5	12.3	232
665	AEM 11-A3	97164	20	1060	<1	236.239	<10	379	16	7.1	7.6	29	191	17	<5	7.6	193
666	AEM 11-A2	97165	10	750	<1	198.194	<10	500	21	8.5	9.2	39	237	21	<5	3	255
667	AEM 11-A1	97166	<10	550	<1	301.902	10	662	38	16.3	15.4	65	239	41	<5	1.4	353
668	AEM 11-B1	97167	<10	530	<1	322.457	<10	303	15	5.7	7	29	112	45	<5	1.2	167
669	AEM 11-B2	97168	<10	620	<1	262.149	<10	240	9	3.8	4.1	17	106	33	<5	3.1	113
670	AEM 11-B3	97169	20	410	<1	20.203	20	58	8	4.6	2.3	8	26	5	<5	11.9	34
671	AEM 11-B4	97170	20	560	<1	57.023	20	133	10	4.4	4	13	58	5	6	8.9	60
672	AEM 12-A14	97171	<10	560	<1	658.212	<10	32	1	0.6	<0.5	2	20	76	14	<0.5	13
673	AEM 12-A13	97172	10	570	<1	476.355	<10	22	1	0.7	<0.5	2	13	54	6	<0.5	11
674	AEM 12-A12	97173	<10	430	<1	855.417	<10	11	<1	<0.5	<0.5	<1	6	104	13	<0.5	5
675	AEM 12-A11	97174	<10	410	<1	1026.185	<10	40	4	2.1	1.1	5	17	127	17	<0.5	27

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
676	AEM 12-A10	97175	<10	300	1	29.093	<10	102	12	6	4.4	15	42	2	<5	2.8	68
677	AEM 12-A9	97176	10	430	<1	19.987	10	117	11	5.4	4.4	14	61	3	<5	10.5	68
678	AEM 12-A8*	97177	<10	460	<1	425.136	20	26	3	1.2	0.8	4	12	53	<5	<0.5	20
679	AEM 12-A7	97178	<10	480	<1	441.722	10	30	2	1.1	0.9	4	14	58	<5	<0.5	20
680	AEM 12-A6	97179	20	300	<1	553.801	20	136	8	3.9	4	17	64	82	12	1.2	102
681	AEM 12-A5	97180	<10	1160	<1	718.741	<10	5	5	2.9	1.1	6	2	130	<5	<0.5	8
682	AEM 12-A4	97181	<10	170	<1	842.444	<10	<5	<1	0.6	<0.5	<1	<1	363	<5	<0.5	<1
683	AEM 12-A3	97182	<10	920	<1	377.053	<10	58	6	2.5	2.8	13	26	51	<5	<0.5	56
684	AEM 12-A2	97183	<10	1390	<1	311.664	<10	209	14	5.1	7.9	33	198	39	<5	1.2	229
685	AEM 12-A1	97184	<10	780	<1	295.567	10	250	23	9.3	11.2	47	200	49	<5	1.5	276
686	AEM 12-B1	97185	10	1460	<1	219.088	20	131	9	4.2	3.1	13	62	44	<5	9.9	72
687	AEM 12-B2	97186	10	610	<1	35.08	<10	94	11	5.6	3.6	13	46	5	<5	6.9	58
688	AEM 12-B3	97187	10	530	1	41.942	10	118	10	4.8	3.8	14	62	7	<5	6.6	71
689	AEM 12-B4	97188	20	780	<1	48.4	10	90	7	3.3	2.9	10	44	8	<5	6.1	48
690	AEM 12-B5	97189	20	780	2	42.289	10	56	5	2.7	1.8	6	31	19	<5	7.8	30
691	AEM 12-B6	97190	50	1520	2	78.424	40	79	7	3.3	2.1	9	42	13	7	13.7	43
692	AEM 12-B7	97191	20	980	<1	15.254	<10	64	6	3	2.4	7	32	5	<5	7.4	35
693	AEM 12-B8*	97192	20	660	<1	13.832	<10	89	8	3.2	3.1	10	46	3	<5	7.2	48
694	AEM 12-B9	97193	30	370	<1	<10	30	81	7	3.5	2.9	9	40	3	<5	5	44
695	AEM 12-B10	97194	30	570	<1	<10	<10	96	8	4	3.6	10	47	1	<5	3.6	51
696	AEM 12-B11	97195	100	570	<1	1079.123	<10	14	<1	0.6	<0.5	2	8	125	50	<0.5	8
697	AEM 11-B5	97196	40	500	1	50.536	10	277	19	8.5	7	26	107	7	7	6.4	128
698	AEM 11-B6	97197	30	1500	2	69.132	<10	402	19	8.8	8.6	31	167	12	14	29.3	181
699	AEM 11-B7	97198	<10	540	<1	178.22	<10	670	21	7.9	11	43	227	14	<5	2.9	275
700	AEM 11-B8*	97199	<10	370	<1	211.815	<10	856	24	9.3	12.8	49	254	14	<5	2	321
701	AEM 11-B9	97200	<10	440	<1	168.753	<10	444	13	4.9	7.1	28	167	12	<5	3.9	194
702	AEM 11-B10	97201	<10	490	<1	101.616	<10	158	6	2.3	3.2	13	60	13	<5	1.7	83
703	AEM 11-B11	97202	<10	480	<1	105.756	<10	314	10	4.4	4.7	20	166	11	<5	2.2	149
704	AEM 11-B12	97203	<10	330	<1	258.442	<10	449	21	9.3	8.9	38	238	21	<5	1.8	249
705	AEM 11-B13	97204	<10	410	<1	190.259	<10	194	8	3.6	3.4	14	103	17	<5	1.2	103
706	AEM 11-B14	97205	<10	310	<1	278.498	<10	47	4	2.1	1.8	8	28	36	<5	0.7	41
707	Discard	97206															
708	AEM 11-D14	97207	<10	280	<1	288.532	<10	353	13	5.3	5.9	24	124	29	9	1.6	144
709	AEM 11-D13	97208	10	380	<1	129.8	20	263	19	9	6.9	26	78	44	12	4.1	115
710	AEM 11-D12	97209	20	580	<1	273.338	<10	207	13	5.7	4.9	20	90	38	11	10.2	106
711	AEM 11-D11	97210	<10	420	<1	302.187	<10	301	11	4.9	4.5	20	98	33	<5	1.2	122
712	AEM 11-D10	97211	<10	310	<1	204.447	<10	79	5	2	1.8	8	35	32	<5	2.1	44
713	AEM 11-D9	97212	<10	340	<1	188.901	<10	46	3	1.4	1.2	5	19	27	<5	<0.5	29
714	AEM 11-D8*	97213	<10	270	<1	372.466	<10	41	4	1.5	1.4	6	17	54	<5	<0.5	30
715	AEM 11-D7	97214	<10	280	<1	327.497	<10	55	4	2	1.6	8	23	44	<5	<0.5	38
716	AEM 11-D6	97215	<10	270	<1	346.977	<10	52	5	2.1	1.6	8	22	49	<5	<0.5	37
717	AEM 11-D5	97216	<10	480	<1	471.736	<10	<5	6	2.6	1.7	9	1	96	<5	<0.5	11
718	AEM 11-D4	97217	<10	470	<1	518.121	<10	32	4	1.7	1.7	8	18	86	<5	<0.5	34
719	AEM 11-D3	97218	<10	350	<1	305.121	<10	57	5	2.2	1.8	9	28	40	<5	<0.5	45
720	AEM 11-D2	97219	<10	320	<1	556.374	<10	38	5	1.7	2.1	9	19	89	<5	<0.5	42

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
721	AEM 11-D1	97220	<10	480	<1	250.53	<10	83	7	2.8	2.9	14	37	35	<5	<0.5	70
722	AEM 11-C1	97221	<10	450	<1	364.605	<10	177	13	4.9	5.6	25	66	52	<5	<0..5	123
723	AEM 11-C2	97222	<10	320	<1	415.034	20	238	19	8.9	7.2	33	129	52	<5	0..7	183
724	AEM 11-C3	97223	<10	510	<1	189.74	<10	107	6	2.3	2.2	10	51	25	<5	0.6	59
725	AEM 11-C4	97224	<10	410	<1	215.149	<10	134	7	2.7	2.7	13	49	30	<5	0.9	70
726	AEM 11-C5	97225	<10	290	<1	358.622	<10	67	8	2.7	2.5	12	34	50	<5	<0.5	56
727	AEM 11-C6	97226	<10	350	<1	242.361	<10	64	4	1.6	1.4	7	24	37	<5	0.8	36
728	AEM 11-C7	97227	<10	340	<1	325.622	<10	64	4	1.8	1.7	8	27	46	<5	<0.5	41
729	AEM 11-C8*	97228	<10	350	<1	389.456	<10	66	4	1.8	1.7	8	28	56	<5	<0.5	43
730	AEM 11-C9	97229	<10	330	<1	283.363	<10	34	2	0.9	0.8	4	12	41	<5	<0.5	19
731	AEM 11-C10	97230	<10	1010	<1	613.998	<10	97	16	6.7	6.5	29	62	118	<5	<0.5	115
732	AEM 11-C11	97231	<10	410	<1	417.544	<10	28	2	1	0.9	4	16	72	<5	<0.5	24
733	AEM 11-C12	97232	20	550	<1	103.056	30	129	11	5.5	4	15	53	20	8	8.4	70
734	AEM 11-C13	97233	20	660	<1	64.006	<10	103	11	6.1	3.6	13	45	11	8	9.3	54
735	AEM 11-C14	97234	20	950	<1	39.451	<10	102	11	6.5	3.2	12	47	18	8	14.9	52
736	AEM32-C14	97235	<10	490	<1	602.376	10	32	4	2.9	0.9	5	17	31	10	<0.5	17
737	AEM32-C13	97236	<10	420	<1	424.386	30	76	16	9.1	3.6	19	28	17	6	<0.5	59
738	AEM32-C12	97237	<10	520	<1	220.905	20	64	7	4	1.7	8	29	11	6	<0.5	38
739	AEM32-C11	97238	<10	350	<1	213.824	10	116	15	8.2	3.9	18	43	8	12	1.9	77
740	AEM32-C10	97239	<10	370	<1	319.074	30	82	14	9.4	2.9	15	32	15	9	<0.5	55
741	AEM32-C9	97240	<10	310	3	283.304	40	111	15	7.2	3.7	19	44	15	17	1.3	69
742	AEM32-C8*	97241	10	400	5	274.949	50	126	21	10.6	5.3	26	45	13	15	2.1	90
743	AEM32-C7	97242	<10	350	3	272.247	40	101	17	9.2	4	20	35	13	12	1	70
744	AEM32-C6	97243	<10	240	<1	475.788	20	47	9	5.2	2.1	11	19	19	11	<0.5	35
745	AEM32-C5	97244	<10	280	1	247.04	30	100	24	13.5	5.3	26	34	13	<5	0.6	78
746	AEM32-C4	97245	<10	290	<1	267.838	40	50	6	3.8	1.3	7	23	13	12	<0.5	28
747	AEM32-C3	97246	<10	300	2	328.666	30	135	25	12.6	6.3	31	46	18	9	0.7	102
748	AEM32-C2	97247	<10	300	2	338.393	20	91	11	5.9	3	15	34	16	8	1.7	58
749	AEM32-C1	97248	<10	250	<1	413.761	20	57	10	5.7	2.6	13	23	18	<5	1.2	42
750	AEM30-C1	97249	<10	560	<1	<10	10	426	42	19.5	13.9	53	147	<1	7	4.5	240
751	AEM30-C2	97250	20	370	<1	<10	<10	192	15	6.7	5.7	21	94	<1	10	8.8	103
752	AEM30-C3	97251	<10	100	<1	<10	30	21	9	8.5	0.9	4	11	<1	<5	0.8	12
753	AEM30-C4	97252	<10	110	<1	<10	20	178	24	12.8	8.4	31	67	<1	6	1.8	136
754	AEM30-C5	97253	<10	40	<1	<10	10	75	28	15.3	5.5	22	26	<1	<5	<0.5	67
755	AEM30-C6	97254	<10	260	<1	<10	20	61	11	6	2.6	9	29	<1	<5	3.7	36
756	AEM30-C7	97255	<10	330	1	<10	<10	296	27	12.6	10.3	40	117	2	5	11.5	181
757	AEM30-C8*	97256	<10	170	<1	<10	<10	211	27	13.3	8.2	33	82	<1	<5	3.8	142
758	AEM30-C9	97257	<10	490	<1	10.319	<10	401	44	20.6	17.9	70	203	1	11	9.9	342
759	AEM30-C10	97258	10	880	1	68.038	<10	260	21	9.3	7.9	31	109	11	<5	16.2	150
760	AEM30-C11	97259	<10	290	<1	<10	<10	120	18	8.9	5.3	20	50	<1	<5	2.8	78
761	AEM30-C12	97260	<10	140	<1	<10	<10	170	30	14.7	8.7	31	49	<1	<5	2.4	109
762	AEM30-C13	97261	10	510	<1	<10	<10	115	12	6	4.1	14	53	<1	<5	9.1	65
763	AEM30-C14	97262	<10	270	<1	<10	<10	347	33	15	13.6	54	122	<1	7	2	240
764	AEM29-A1	98000	<10	870	<1	27.6132	<10	262	40	17.3	17.7	67	226	2	5	3.8	362
765	AEM29-A2	98001	<10	240	<1	<10	<10	179	13	5.9	6.1	22	74	<1	<5	<0.5	115

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
766	AEM29-A3	98002	<10	400	<1	245.9016	<10	245	35	14.9	14	65	165	21	<5	2.2	287
767	AEM29-A4	98003	<10	610	<1	<10	<10	280	15	6.6	6.9	25	99	<1	<5	2.7	140
768	AEM29-A5	98004	<10	270	<1	35.1804	<10	101	10	4.5	4.6	16	53	<1	6	4.3	70
769	AEM29-A6	98005	<10	430	<1	<10	<10	173	11	4.5	5	17	66	<1	<5	0.9	91
770	AEM29-A7	98006	10	760	<1	10.698	<10	210	11	4.9	4.7	16	73	2	<5	8.1	81
771	AEM29-A8*	98007	10	730	<1	51.7632	<10	1900	39	15.5	16.8	70	439	7	<5	4.8	467
772	AEM29-A9	98008	<10	1360	<1	11.556	<10	376	18	7.7	7.9	30	150	<1	<5	3.8	169
773	AEM29-A10	98009	20	640	<1	22.104	<10	189	12	5	4.5	17	72	1	<5	4.2	84
774	AEM29-A11	98010	10	1740	<1	<10	<10	321	17	7.2	6.7	25	108	<1	<5	6.4	133
775	AEM29-A12	98011	<10	470	<1	<10	<10	199	19	8.4	8.1	29	90	<1	<5	1.7	146
776	AEM29-A13	98012	<10	1040	<1	<10	<10	108	11	4.7	4.6	16	56	<1	<5	<0.5	77
777	AEM29-A14	98013	<10	350	<1	<10	<10	165	19	8	7.5	30	66	<1	<5	<0.5	132
778	AEM30-A2	98014	<10	610	<1	546.7704	40	72	15	7.5	5.5	25	53	79	<5	<0.5	96
779	AEM30-A3	98015	<10	530	<1	473.8788	<10	102	34	14.5	18	78	186	59	<5	<0.5	364
780	AEM30-A4	98016	<10	600	<1	36.0924	<10	197	17	7.2	7.6	26	78	1	<5	3..8	115
781	AEM30-A5	98017	<10	470	<1	120.6288	<10	216	13	5.8	5.1	21	66	5	<5	2.7	95
782	AEM30-A6	98018	<10	600	<1	46.3692	<10	171	13	5.8	5.7	20	76	1	<5	7.4	99
783	AEM30-A7	98019	30	640	<1	25.038	<10	303	19	8.6	7.1	27	83	2	7	13.6	119
784	AEM30-A8*	98020	<10	440	<1	19.6596	10	99	14	6.8	4.6	17	47	<1	<5	4.3	69
785	AEM30-A9	98021	<10	330	<1	17.4624	<10	98	15	6.9	4.5	17	44	2	<5	2.8	66
786	AEM30-A10	98022	<10	260	<1	<10	<10	65	16	8.6	4.1	15	30	<1	<5	3.7	50
787	AEM30-A11	98023	<10	280	<1	<10	10	163	19	8.7	6.4	23	55	<1	7	4.9	84
788	AEM30-B14	98024	<10	90	<1	<10	10	26	11	7.8	1.4	5	12	<1	<5	0.9	15
789	AEM30-B13	98025	10	2100	1	37.9752	<10	870	38	15.4	16.6	64	304	2	5	11.5	373
790	AEM30-B12	98026	<10	320	<1	<10	<10	124	19	9.8	5	18	44	<1	<5	10.3	65
791	AEM30-B11	98027	<10	420	<1	<10	10	44	10	5.9	2.2	8	18	2	<5	3	28
792	AEM30-B10	98028	<10	350	<1	<10	<10	113	13	6.5	4.3	15	39	<1	<5	4.4	58
793	AEM30-B9	98029	<10	400	<1	<10	<10	198	26	11.6	8.2	31	81	<1	<5	5.1	127
794	AEM30-B8*	98030	<10	360	<1	<10	<10	206	21	9.9	6.8	25	72	<1	<5	4.3	107
795	AEM30-B7	98031	<10	120	<1	<10	<10	265	27	11.9	10.4	39	78	<1	5	3.1	173
796	AEM30-B6	98032	10	710	<1	<10	20	48	9	5.4	2.2	8	26	3	<5	9.4	30
797	AEM30-B5	98033	<10	510	<1	<10	10	91	15	7.9	4.5	16	50	<1	<5	3.1	64
798	AEM30-B4	98034	10	720	<1	144.5304	<10	309	40	18.1	17.6	68	257	6	6	4.4	352
799	AEM30-B3	98035	10	930	<1	89.3556	<10	306	19	8.6	7.5	27	81	11	6	7.2	124
800	AEM30-B2	98036	<10	790	<1	579.6264	<10	52	14	5.7	5.5	25	50	105	<5	<0.5	99
801	AEM35-A14	98037	<10	770	<1	865.4964	<10	15	1	0.5	0.7	3	7	123	<5	<0.5	13
802	AEM35-A13	98038	<10	530	<1	224.6448	<10	158	6	2.4	3.2	12	67	22	<5	5..6	79
803	AEM35-A12	98039	<10	310	<1	465.9084	20	<5	3	1.9	<0.5	2	2	40	<5	<0.5	4
804	AEM35-A11	98040	<10	680	<1	631.2744	<10	7	<1	<0.5	<0.5	2	4	88	<5	<0.5	8
805	AEM35-A10	98041	<10	180	<1	272.952	<10	57	6	2.9	2.6	9	26	33	<5	1.7	40
806	AEM35-A9	98042	<10	780	<1	255.222	<10	68	6	2.9	2.8	12	35	32	<5	1.3	57
807	AEM35-A8*	98043	<10	410	<1	596.1924	20	<5	4	3.4	<0.5	3	2	35	<5	<0.5	4
808	AEM35-A7	98044	<10	410	<1	321.8688	<10	29	4	1.6	1.9	8	27	36	<5	0.6	42
809	AEM35-A6	98045	<10	290	<1	353.7708	<10	249	11	4.3	6.3	26	124	31	<5	<0.5	166
810	AEM35-A5	98046	<10	600	<1	244.842	<10	389	22	9.1	9.8	40	170	53	5	3.6	217

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
811	AEM35-A4	98047	30	960	1	69.1092	<10	1180	41	16.8	17.7	63	282	6	12	19.4	336
812	AEM35-A3	98048	10	330	<1	<10	30	62	9	5	2.4	8	28	<1	<5	4.6	33
813	AEM33-A1	98049	<10	540	<1	<10	<10	114	8	3.4	3.8	12	57	<1	<5	2.6	64
814	AEM33-A2	98050	10	490	<1	<10	<10	130	11	4.6	4.7	15	58	<1	<5	3.9	69
815	AEM33-A3	98051	<10	490	<1	38.358	<10	91	7	3.7	3.7	11	44	<1	<5	2.9	53
816	AEM33-A4	98052	<10	380	<1	13.128	<10	496	35	14.3	14.9	60	189	1	<5	0..9	310
817	AEM33-A5	98053	<10	270	<1	<10	<10	145	13	6.2	6.2	19	78	<1	<5	1.7	95
818	AEM33-A6	98054	<10	450	<1	<10	<10	202	21	8.2	9	30	117	<1	<5	1.6	143
819	AEM33-A7	98055	<10	280	<1	15.1728	<10	132	12	5.4	6.3	17	74	<1	<5	1	84
820	AEM33-A8*	98056	<10	440	<1	13.5276	<10	129	12	5.6	5.4	16	65	<1	<5	2.6	77
821	AEM33-A9	98057	<10	300	<1	<10	10	243	22	9.7	9.9	34	110	<1	<5	1.1	167
822	AEM33-A10	98058	<10	450	<1	<10	<10	126	11	5	5.1	17	79	<1	<5	1.3	89
823	AEM33-A11	98059	<10	330	<1	29.232	<10	112	14	6.1	6.8	22	70	<1	<5	<0.5	104
824	AEM33-A12	98060	<10	350	<1	45.8136	<10	159	16	7.4	7.9	26	75	<1	<5	1	123
825	AEM33-A13	98061	10	1150	<1	26.8596	<10	45	5	2.7	2.2	6	24	1	<5	5.3	27
826	AEM33-A14	98062	<10	710	<1	80.6976	<10	125	13	6.4	6.4	19	54	2	<5	2	79
827	AEM33-B14	98063	10	910	<1	<10	<10	372	21	7.9	8.6	32	156	<1	<5	4.9	166
828	AEM33-B13	98064	<10	370	<1	<10	<10	306	28	12.1	12.2	49	125	<1	<5	1.1	244
829	AEM33-B12	98065	<10	300	<1	55.764	<10	160	12	5.2	6	19	81	<1	<5	2.3	101
830	AEM33-B11	98066	<10	300	<1	<10	<10	207	15	7.2	7.6	25	105	<1	<5	0.7	134
831	AEM33-B10	98067	<10	230	<1	<10	20	338	24	10.5	9.9	39	141	<1	<5	1.8	198
832	AEM33-B9	98068	<10	520	<1	<10	<10	256	20	8.9	8.8	30	112	<1	<5	1.4	154
833	AEM33-B8*	98069	<10	340	<1	<10	<10	175	15	6.2	6.3	24	102	<1	<5	1.2	120
834	AEM33-B7	98070	<10	460	<1	<10	<10	321	22	9	8.3	33	112	<1	<5	0.6	170
835	AEM33-B6	98071	<10	390	<1	<10	<10	183	16	7	7	23	82	<1	<5	1	115
836	AEM33-B5	98072	<10	360	<1	<10	<10	409	30	13.6	14.5	56	209	<1	7	<0.5	315
837	AEM33-B4	98073	<10	470	<1	<10	<10	193	14	6.6	6.4	23	94	<1	<5	<0.5	122
838	AEM33-B3	98074	<10	640	<1	<10	<10	161	13	5.9	6.3	19	84	<1	<5	6.6	97
839	AEM33-B2	98075	<10	630	<1	<10	<10	417	24	9.9	10.9	38	202	2	<5	4	223
840	AEM33-B1	98076	<10	680	<1	<10	<10	186	12	5.3	5.2	17	65	1	<5	3.3	83
841	AEM33-C1	98077	<10	460	<1	20.5104	<10	192	14	6.4	6.5	21	83	<1	<5	2..2	109
842	AEM33-C2	98078	20	690	<1	14.2368	<10	121	13	6.2	5	16	52	1	<5	5.8	89
843	AEM33-C3	98079	<10	230	<1	<10	<10	172	14	6.3	6.5	20	78	<1	<5	3.1	102
844	AEM33-C4	98080	<10	990	<1	<10	<10	154	10	4.9	4.9	17	64	<1	<5	2	85
845	AEM33-C5	98081	<10	400	<1	<10	<10	248	18	8	8.7	28	114	<1	<5	1.2	148
846	AEM33-C6	98082	<10	630	<1	<10	<10	280	17	7.1	7.8	29	144	<1	<5	<0.5	169
847	AEM33-C7	98083	<10	890	<1	12.0372	<10	183	14	5.6	6	21	80	<1	<5	1.1	104
848	AEM33-C8*	98084	<10	710	<1	<10	<10	181	11	5	5.3	18	95	<1	<5	3.8	101
849	AEM33-C9	98085	<10	550	<1	<10	<10	239	17	7.3	7.5	26	105	<1	<5	1.2	144
850	AEM33-C10	98086	<10	640	<1	38.2728	<10	190	14	5.9	6.6	23	98	<1	<5	2.3	119
851	AEM33-C11	98087	20	810	<1	<10	<10	103	13	5.8	4.2	15	60	<1	<5	3.3	84
852	AEM33-C12	98088	<10	770	<1	17.706	<10	95	9	4	4.4	14	50	<1	<5	<0.5	72
853	AEM33-C13	98089	<10	460	<1	<10	<10	416	46	18.9	20.3	75	300	<1	5	<0.5	405
854	AEM33-C14	98090	<10	640	<1	<10	<10	176	22	9.7	8.9	32	78	<1	<5	<0.5	142
855	AEM35-B1	98091	<10	300	<1	194.0928	<10	35	2	0.7	0.7	3	13	28	<5	0.8	19

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	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
856	AEM35-B2	98092	<10	760	<1	319.7601	<10	119	5	1.9	2.4	10	47	68	<5	<0.5	62
857	AEM35-B3	98093	<10	420	<1	413.7111	<10	34	1	0.7	0.6	3	15	66	<5	<0.5	18
858	AEM35-B4	98094	<10	250	<1	324.7662	40	34	17	15.1	2.1	14	19	24	<5	<0.5	35
859	AEM35-B5	98095	<10	180	<1	295.5579	20	18	5	4.2	1	6	12	33	<5	<0.5	19
860	AEM35-B6	98096	<10	200	<1	303.9311	20	27	9	6	1.5	9	19	34	<5	<0.5	31
861	AEM35-B7	98097	<10	180	<1	334.763	30	32	15	9.4	3.9	20	37	36	<5	<0.5	68
862	AEM35-B8*	98098	<10	440	<1	560.0573	<10	11	2	0.9	0.9	5	16	92	<5	<0.5	26
863	AEM35-B9	98099	<10	120	<1	274.7932	50	30	13	8.6	2.6	15	19	30	<5	<0.5	40
864	AEM35-B10	98100	<10	480	<1	275.5852	<10	41	2	0.7	0.8	4	19	43	<5	0.7	24
865	AEM35-B11	98101	<10	460	<1	552.2121	20	74	5	3.7	1.3	7	28	47	<5	<0.5	32
866	AEM35-B12	98102	<10	460	<1	271.1676	<10	408	10	4.1	4.5	19	89	38	<5	2.2	114
867	AEM34-A1	98103	30	510	<1	<10	<10	135	9	4	4.2	13	76	2	<5	15.4	62
868	AEM34-A2	98104	<10	90	<1	<10	<10	51	6	3.6	1.7	7	24	<1	<5	2.7	27
869	AEM34-A3	98105	<10	200	<1	<10	<10	327	24	10.4	10.4	43	130	<1	<5	<0.5	214
870	AEM34-A4	98106	<10	<10	<1	<10	<10	79	7	3.6	3.4	11	34	<1	<5	<0.5	54
871	AEM34-A5	98107	<10	130	<1	<10	<10	194	19	7.5	8.2	31	62	<1	6	<0.5	149
872	AEM34-A6	98108	<10	200	<1	<10	<10	254	18	8.8	7.7	32	106	<1	<5	<0.5	166
873	AEM34-A7	98109	<10	460	<1	<10	10	215	16	6.7	7.3	29	136	<1	<5	<0.5	148
874	AEM34-A8*	98110	<10	240	<1	<10	<10	271	20	8.9	9.4	33	173	<1	<5	1	177
875	AEM34-A10	98111	<10	300	<1	<10	<10	1510	51	18.5	23.3	100	487	<1	<5	<0.5	552
876	AEM34-A11	98112	<10	390	<1	<10	<10	181	11	5.1	4.9	18	96	<1	<5	1.3	94
877	AEM34-A12	98113	40	320	1	<10	10	92	8	3.7	3.1	11	45	1	<5	19.7	49
878	AEM34-A13	98114	<10	210	<1	<10	<10	185	13	6	5.5	22	80	<1	<5	1.2	110
879	AEM34-A14	98115	<10	270	<1	<10	<10	217	18	9.1	9.4	29	119	<1	<5	<0.5	157
880	AEM28-C1	98116	<10	140	<1	225.1436	<10	11	3	2	0.6	4	5	24	<5	<0.5	9
881	AEM28-C2	98117	<10	110	<1	218.9627	<10	12	4	2	0.7	4	6	24	<5	<0.5	10
882	AEM28-C3	98118	<10	120	<1	141.2191	10	29	4	2.5	0.9	5	12	17	<5	<0.5	19
883	AEM28-C4	98119	<10	90	<1	145.3661	<10	40	8	4.5	1.8	9	17	14	<5	0.7	29
884	AEM28-C5	98120	<10	210	<1	232.8117	<10	24	14	11.6	1.7	10	12	24	<5	<0.5	23
885	AEM28-C6	98121	<10	140	<1	236.1722	<10	28	6	4	1.2	6	14	23	<5	<0.5	21
886	AEM28-C7	98122	<10	50	<1	191.7223	<10	48	10	5.7	2.3	13	20	24	<5	<0.5	40
887	AEM28-C8*	98123	<10	70	<1	232.1264	<10	20	5	3.2	0.9	5	10	23	<5	<0.5	16
888	AEM28-C9	98124	<10	80	<1	250.3127	<10	28	6	3.8	1.4	7	11	28	<5	<0.5	21
889	AEM28-C10	98125	<10	90	<1	254.463	<10	17	3	2	0.7	4	8	32	<5	<0.5	12
890	AEM28-C11	98126	<10	90	<1	254.8128	<10	11	3	2	0.5	3	5	33	<5	<0.5	8
891	AEM28-C12	98127	<10	70	<1	246.7443	<10	9	4	2.4	0.8	4	4	32	<5	<0.5	9
892	AEM28-C13	98128	<10	60	<1	263.4214	<10	7	3	1.4	<0.5	3	3	31	<5	<0.5	6
893	AEM28-C14	98129	<10	70	<1	256.6366	<10	7	4	2.5	0.6	4	3	32	<5	<0.5	8
894	AEM28-A14	98130	<10	780	<1	422.3802	<10	39	9	4	2.6	13	6	96	<5	<0.5	33
895	AEM28-A13	98131	<10	700	<1	421.5244	<10	6	8	4.3	1.7	11	2	119	<5	<0.5	11
896	AEM28-A12	98132	<10	680	<1	456.7343	<10	6	8	4	1.7	10	3	115	<5	<0.5	13
897	AEM28-A11	98133	<10	780	<1	493.4468	<10	<5	7	3.6	1.6	9	4	111	<5	<0.5	11
898	AEM28-A10	98134	<10	660	<1	421.4617	10	156	12	5.5	3.9	20	21	95	<5	<0.5	55
899	AEM28-A9	98135	<10	860	<1	365.9194	<10	40	9	5	1.8	11	4	89	<5	<0.5	16
900	AEM28-A8*	98136	<10	820	<1	511.6683	10	167	18	8.4	5.5	27	50	106	<5	<0.5	100

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
901	AEM28-A7	98137	<10	700	<1	262.0519	<10	24	7	3.3	1.8	10	6	73	<5	<0.5	22
902	AEM28-A6	98138	<10	660	<1	343.2693	<10	27	11	5.4	2.8	16	12	88	<5	<0.5	34
903	AEM28-A5	98139	<10	960	<1	414.5559	<10	47	12	5.4	3.8	20	42	82	<5	<0.5	70
904	AEM28-A4	98140	<10	830	<1	593.6084	20	134	17	8.3	4.6	25	48	132	<5	<0.5	83
905	AEM28-A3	98141	<10	780	<1	332.3309	<10	14	7	3.5	1.5	9	5	95	<5	<0.5	17
906	AEM28-A2	98142	<10	930	<1	570.724	<10	7	11	7.3	1.4	10	3	151	<5	<0.5	11
907	AEM28-A1	98143	<10	830	<1	678.2116	<10	<5	7	6.3	<0.5	5	<1	121	<5	<0.5	2
908	AEM28-B1	98144	<10	170	<1	236.6826	20	15	3	1.8	0.7	4	7	35	<5	<0.5	12
909	AEM28-B2	98145	<10	200	<1	358.6913	90	38	13	14.5	1.3	9	15	24	<5	<0.5	22
910	AEM28-B3	98146	<10	1110	<1	320.7721	<10	59	8	4.2	2.2	13	21	82	<5	0.6	42
911	AEM28-B4	98147	<10	1210	<1	267.41	<10	58	7	3.8	2.2	12	17	69	<5	<0.5	38
912	AEM28-B5	98148	<10	1510	<1	347.2194	<10	188	16	8.5	5	26	59	95	<5	<0.5	109
913	AEM28-B6	98149	<10	1270	<1	633.5065	10	52	14	10.2	1.8	13	8	152	<5	<0.5	22
914	AEM28-B7	98150	<10	1430	<1	471.8351	<10	69	20	10.1	4.6	25	15	161	<5	<0.5	52
915	AEM28-B8*	98151	<10	1320	<1	448.3677	<10	57	14	7.3	3.5	20	11	130	<5	<0.5	41
916	AEM28-B9	98152	<10	1160	<1	559.3632	<10	13	8	5.2	1.2	9	<1	186	<5	<0.5	6
917	AEM28-B10	98153	<10	550	<1	358.6869	10	60	7	3.5	1.8	10	9	79	<5	<0.5	25
918	AEM28-B11	98154	<10	410	<1	503.4117	40	15	4	4.1	<0.5	3	7	30	<5	<0.5	10
919	AEM28-B12	98155	<10	760	<1	362.0936	<10	24	9	4.5	2.4	13	12	80	<5	<0.5	35
920	AEM28-B13	98156	<10	1020	<1	392.2402	<10	16	10	5.6	2.1	13	5	122	<5	<0.5	21
921	AEM28-B14	98157	<10	1320	<1	716.9525	<10	242	67	37.4	14.9	87	154	116	<5	<0.5	250
922	AEM27-A1	98158	<10	770	<1	657.9903	<10	<5	6	5.3	<0.5	4	<1	190	<5	<0.5	1
923	AEM27-A2	98159	<10	1190	<1	593.8284	10	89	22	11.1	5.9	32	51	165	<5	<0.5	95
924	AEM27-A3	98160	<10	790	<1	451.5698	20	262	28	17.9	6.5	35	110	111	<5	1	138
925	AEM27-A4	98161	<10	730	<1	558.4315	30	173	21	12.4	5.2	29	78	130	<5	0.7	101
926	AEM27-A5	98162	<10	820	<1	347.7738	<10	28	8	3.7	2.1	12	8	111	<5	<0.5	23
927	AEM27-A6	98163	<10	1070	<1	647.9792	10	50	10	6.6	2.1	12	22	110	<5	<0.5	40
928	AEM27-A7	98164	<10	990	<1	514.4348	<10	109	17	8.3	5.2	27	76	106	<5	<0.5	114
929	AEM27-A8*	98165	<10	920	<1	572.6941	<10	95	18	8.4	5.8	30	73	114	<5	<0.5	121
930	AEM27-A9	98166	<10	700	<1	307.7195	<10	27	6	2.8	1.7	9	11	76	<5	<0.5	28
931	AEM27-A10	98167	<10	930	<1	494.8163	<10	7	8	4.7	1.6	10	4	119	<5	<0.5	10
932	AEM27-A11	98168	<10	900	<1	375.474	<10	24	6	3.1	1.9	10	9	108	<5	<0.5	25
933	AEM27-A12	98169	<10	820	<1	406.8515	<10	303	21	9.8	7.8	37	120	89	<5	<0.5	178
934	AEM27-A13	98170	<10	830	<1	353.1143	<10	13	5	2.8	1.5	8	10	121	<5	<0.5	22
935	AEM27-A14	98171	<10	1180	<1	463.8843	<10	86	9	4.2	2.8	14	32	107	<5	<0.5	54
936	AEM27-B14	98172	<10	850	<1	275.2475	<10	26	4	2.1	1.3	8	10	73	<5	<0.5	26
937	AEM27-B13	98173	<10	1280	<1	561.2728	<10	23	9	5.4	1.5	9	5	145	<5	<0.5	16
938	AEM27-B12	98174	<10	1020	<1	488.9082	20	510	27	13.1	9.6	47	174	126	<5	1	235
939	AEM27-B11	98175	<10	740	<1	546.9783	<10	72	17	7.6	5.1	26	39	92	<5	<0.5	79
940	AEM27-B10	98176	<10	990	<1	480.0917	<10	19	9	4.5	2.6	14	9	124	<5	<0.5	33
941	AEM27-B9	98177	<10	790	<1	358.5318	<10	13	13	5.6	3.4	18	12	118	<5	<0.5	37
942	AEM27-B8*	98178	<10	880	<1	392.5306	<10	15	13	6.6	3	17	9	130	<5	<0.5	28
943	AEM27-B7	98179	<10	950	<1	431.772	<10	59	15	6.8	4.8	25	30	111	<5	<0.5	72
944	AEM27-B6	98180	<10	860	<1	389.7861	<10	14	7	3.9	1.9	11	9	114	<5	<0.5	24
945	AEM27-B5	98181	<10	1070	<1	494.065	<10	18	7	3.7	1.5	9	4	152	<5	<0.5	15

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
946	AEM27-B4	98182	<10	1390	<1	587.598	<10	140	21	12.3	4.7	27	46	159	<5	<0.5	80
947	AEM27-B3	98183	<10	190	<1	348.2061	20	7	2	1.7	<0.5	1	4	31	<5	<0.5	4
948	AEM27-B2	98184	<10	70	<1	239.6438	20	<5	<1	0.8	<0.5	<1	2	18	<5	<0.5	2
949	AEM27-B1	98185	<10	180	<1	354.1318	30	11	3	2.4	<0.5	3	6	47	<5	<0.5	8
950	AEM32-A13	98186	<10	560	<1	687.1953	40	182	16	8.7	4.1	21	137	85	<5	1.2	99
951	AEM32-A12	98187	<10	210	2	621.9444	40	146	17	9.8	4.2	22	99	77	5	1.6	86
952	AEM32-A11	98188	<10	780	<1	675.9005	40	136	12	6.4	3.1	16	87	82	6	1.1	72
953	AEM32-A10	98189	<10	380	<1	706.673	30	98	14	8	3.4	18	61	91	<5	0.6	66
954	AEM32-A9	98190	<10	1160	<1	651.8105	40	89	12	6.9	2.4	14	53	83	5	1	50
955	AEM32-A8*	98191	<10	990	<1	709.6177	40	82	13	8.1	3	16	51	91	<5	0.9	53
956	AEM32-A7	98192	<10	840	<1	700.1885	30	84	13	7.8	3.1	16	51	92	<5	0.9	54
957	AEM32-A6	98193	<10	780	<1	742.4604	30	72	9	4.8	2.1	11	44	94	<5	0.7	43
958	AEM32-A5	98194	20	790	<1	691.3225	60	76	2	1.3	0.6	4	35	92	25	0.6	24
959	AEM32-A4	98195	<10	640	<1	749.7237	60	70	6	3.7	1.4	8	37	98	9	0.9	35
960	AEM32-A3	98196	<10	620	<1	902.4015	60	83	16	9.4	4	21	44	113	<5	0.5	69
961	AEM32-A2	98197	<10	530	<1	890.4324	70	84	13	6.9	3.2	17	40	102	<5	0.8	55
962	AEM32-A1	98198	<10	1030	<1	930.6121	20	353	33	15.3	11.2	53	130	113	<5	1	212
963	AEM32-B14	98199	<10	910	<1	578.6297	30	239	37	21.1	9	45	108	91	<5	0.6	157
964	AEM32-B13	98200	<10	880	<1	373.5336	<10	81	9	4.2	2.5	13	12	62	<5	<0.5	31
965	AEM32-B12	98201	<10	930	<1	408.4091	<10	24	13	7.3	3.3	18	17	75	<5	<0.5	39
966	AEM32-B11	98202	<10	770	<1	458.0675	<10	49	12	6.1	3.3	17	20	75	<5	<0.5	43
967	AEM32-B10	98203	<10	940	<1	453.8512	<10	35	9	5	2.6	13	17	98	<5	<0.5	33
968	AEM32-B9	98204	<10	900	<1	446.1402	<10	25	10	6.3	1.9	12	8	102	<5	<0.5	21
969	AEM32-B8*	98205	<10	610	<1	365.5971	<10	21	9	5.3	1.9	12	9	71	<5	<0.5	22
970	AEM32-B7	98206	<10	610	<1	323.8026	<10	22	8	4.4	2	11	8	69	<5	<0.5	22
971	AEM32-B6	98207	<10	680	<1	493.7867	<10	43	17	9.8	3.5	21	19	81	<5	<0.5	42
972	AEM32-B5	98208	<10	750	<1	457.3217	<10	18	12	6.5	2.7	15	14	83	<5	<0.5	33
973	AEM32-B4	98209	<10	860	<1	416.8384	<10	9	10	5.4	2.3	14	9	83	<5	<0.5	25
974	AEM32-B3	98210	<10	890	<1	477.3813	<10	9	10	5.8	1.8	11	6	99	<5	<0.5	17
975	AEM32-B2	98211	<10	770	<1	584.0989	<10	122	16	8.4	4.6	24	62	95	<5	0.5	94
976	AEM32-B1	98212	<10	840	<1	448.0707	<10	21	8	4.5	1.6	10	6	88	<5	<0.5	16
977	AEM40-A1	98213	10	390	<1	<10	<10	172	19	9.4	5.5	23	79	2	5	8.6	99
978	AEM40-A2	98214	10	270	<1	<10	<10	83	14	10	3.4	14	36	<1	5	14.8	52
979	AEM40-A3	98215	10	610	2	37.0546	<10	352	15	6.7	6.3	26	172	5	7	14.9	159
980	AEM40-A4	98216	<10	30	<1	<10	20	141	20	9.3	6.4	25	48	<1	<5	0.8	100
981	AEM40-A5	98217	10	860	<1	31.6965	<10	510	23	9.5	10.7	41	240	3	5	9.9	237
982	AEM40-A6	98218	10	210	<1	13.3221	<10	218	18	7.7	6.7	28	95	2	<5	17.1	135
983	AEM40-A7	98219	<10	840	<1	19.5338	<10	422	22	8.9	8.9	37	155	<1	<5	2.7	193
984	AEM40-A8*	98220	<10	1080	<1	42.1652	<10	353	19	7.6	8	31	137	2	<5	3.5	154
985	AEM40-A9	98221	<10	870	<1	53.1478	<10	242	40	19	10.8	44	103	19	<5	8.2	170
986	AEM40-A10	98222	40	640	3	13.1285	<10	298	17	7.4	7.3	26	144	13	13	74.9	139
987	AEM40-A11	98223	10	270	<1	71.6749	<10	744	41	18.3	16.5	64	181	3	<5	6	280
988	AEM40-A12	98224	10	560	<1	338.9045	10	168	12	5.4	4.9	20	72	26	<5	4	98
989	AEM40-A13	98225	20	970	<1	147.0568	<10	789	45	20.8	16.8	73	373	6	8	4.1	402
990	AEM40-A14	98226	<10	690	<1	367.9181	10	180	18	8.7	7.4	34	89	52	<5	1	155

2005, MMI sample results

	Sample ID	Sample No	As MMI-M5 10 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB
991	AEM29-A15	98227	<10	960	<1	<10	<10	299	23	9.8	9.8	40	123	<1	<5	<0.5	191
992	AEM29-A16	98228	10	610	<1	<10	<10	214	20	8.3	7.5	32	94	<1	<5	<0.5	145
993	AEM29-A17	98229	<10	310	<1	<10	<10	198	20	8.1	7.3	28	81	<1	9	<0.5	121
994	AEM29-A18*	98230	<10	160	<1	<10	<10	186	14	6.6	6.5	24	78	<1	<5	<0.5	119
995	AEM29-A19	98231	<10	640	<1	<10	<10	285	30	11.8	12.1	49	168	<1	<5	<0.5	230
996	AEM29-A20	98232	10	240	<1	<10	<10	258	28	11.5	11.9	45	129	<1	<5	<0.5	214
997	AEM29-A21	98233	<10	200	<1	<10	<10	175	17	7.3	6.7	26	70	<1	<5	<0.5	121
998	AEM29-A22	98234	<10	510	<1	16.8795	<10	182	19	7.4	7.4	34	82	<1	<5	<0.5	154
999	AEM29-A23	98235	10	1100	<1	<10	<10	348	23	9.3	8.9	34	155	<1	<5	1.4	170
1000	AEM25-C1	98236	<10	890	<1	432.6674	<10	13	15	8.4	3.7	20	12	107	<5	<0.5	35
1001	AEM25-C2	98237	<10	2010	<1	772.6411	<10	560	226	172	33.5	193	320	64	<5	<0.5	471
1002	AEM25-C3	98238	<10	1630	<1	276.5202	<10	775	55	25.4	18.9	82	288	34	<5	2.6	385
1003	AEM25-C4	98239	<10	1560	<1	210.65	<10	470	39	17.6	11.1	49	173	29	<5	2.8	209
1004	AEM25-C5	98240	<10	1460	<1	506.1067	20	256	59	37.9	11.8	59	138	67	<5	0.6	189
1005	AEM25-C6	98241	<10	1450	<1	522.4912	10	456	112	65.8	21.9	112	243	69	<5	<0.5	368
1006	AEM25-C7	98242	<10	820	<1	428.5171	<10	38	11	5.4	2.8	15	17	89	<5	<0.5	36
1007	AEM25-C8*	98243	<10	990	<1	551.5136	<10	70	17	8.3	4.6	25	43	110	<5	<0.5	76
1008	AEM25-C9	98244	<10	680	<1	330.9339	<10	38	5	2.3	1.5	8	11	57	<5	<0.5	23
1009	AEM25-C10	98245	<10	950	<1	515.163	<10	73	21	11.3	5.5	29	34	92	<5	<0.5	72
1010	AEM25-C11	98246	<10	680	<1	475.0273	60	201	29	16.9	6.4	32	87	59	<5	2	114
1011	AEM25-C12	98247	<10	1090	<1	442.1593	<10	211	21	9.6	7	32	79	63	<5	0.6	127
1012	AEM25-C13	98248	<10	340	<1	364.0648	50	52	12	7.2	2.3	12	22	44	<5	<0.5	34
1013	AEM25-C14	98249	<10	270	<1	304.2666	30	36	9	5.5	1.7	9	17	35	<5	0.6	25

AEM32-A10	Organic sample

AEM32-B8*	Duplicate sample

APPENDIX 3b

2005, MMI SAMPLE RESULTS

INORGANIC AND ORGANIC SOILS

(Pr, Rb, Sb, Sm, Sn, Sr, Te, Th, Tl,U, W, Y, Yb, Zr)

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
1	AEM1-A1	54501	24	230	1	29	1	410	10	23.6	0.5	7	1	99	9	52
2	AEM1-A2	54502	10	183	1	12	1	510	10	14.2	0.5	5	1	78	7	31
3	AEM1-A3	54503	221	212	1	251	1	390	10	61.3	0.5	20	1	1070	79	120
4	AEM1-A4	54504	30	257	1	36	1	310	10	20.1	0.5	12	1	95	7	29
5	AEM1-A5	54505	15	300	1	19	1	340	10	11.2	0.5	8	1	59	5	17
6	AEM1-A6	54506	76	177	1	95	1	170	10	84.9	0.5	13	1	349	31	122
7	AEM1-A7	54507	15	179	1	18	1	330	10	11.8	0.5	5	1	47	4	30
8	AEM1-A8*	54508	62	213	1	64	1	190	10	43	0.5	8	1	172	14	94
9	AEM1-A9	54509	8	325	1	8	1	260	10	8.5	0.5	4	1	24	2	23
10	AEM1-A10	54510	27	111	1	36	1	380	10	15.7	0.5	31	1	114	8	17
11	AEM1-A11	54511	27	114	1	26	1	190	10	19.4	0.5	22	1	68	6	31
12	AEM1-A12	54512	47	248	1	58	1	510	10	29.7	0.5	24	1	420	39	36
13	AEM1-A13	54513	2	257	1	5	1	740	10	0.8	0.5	3	1	106	19	5
14	AEM1-A14	54514	15	34	1	22	1	500	10	9.5	0.5	9	1	82	6	12
15	AEM1-B14	54515	6	8	1	10	1	460	10	3	0.5	4	1	39	3	11
16	AEM1-B13	54516	17	27	1	31	1	520	10	9.6	0.5	7	1	102	8	21
17	AEM1-B12	54517	8	5	1	15	1	410	10	3	0.5	1	1	55	4	13
18	AEM1-B11	54518	8	32	1	20	1	510	10	3.1	0.5	2	1	83	6	9
19	AEM1-B10	54519	5	102	1	9	1	560	10	2.7	0.5	5	1	60	7	5
20	AEM1-B9	54520	30	131	1	46	1	520	10	18	0.5	10	1	172	13	19
21	AEM1-B8*	54521	9	89	1	17	1	540	10	3.5	0.5	5	1	77	6	5
22	AEM1-B7	54522	9	55	1	18	1	440	10	3.8	0.5	3	1	84	6	10
23	AEM1-B6	54523	11	49	1	22	1	500	10	6.4	0.5	12	1	82	6	13
24	AEM1-B5	54524	11	12	1	24	1	640	10	4.2	0.5	4	1	101	7	15
25	AEM1-B4	54525	8	5	1	14	1	420	10	3.3	0.5	2	1	55	4	18
26	AEM1-B3	54526	15	11	1	21	1	670	10	14.4	0.5	8	1	88	8	26
27	AEM1-C1	54527	5	15	1	11	1	740	10	2.1	0.5	2	1	51	4	8
28	AEM1-C2	54528	8	6	1	16	1	540	10	3	0.5	1	1	58	4	12
29	AEM1-C3	54529	5	13	1	12	1	570	10	3.2	0.5	1	1	69	6	10
30	AEM1-C4	54530	4	6	1	9	1	660	10	3.1	0.5	2	1	49	4	14
31	AEM1-C5	54531	15	72	1	24	1	810	10	12.9	0.5	22	1	90	8	12
32	AEM1-C6	54532	5	19	1	11	1	570	10	2.1	0.5	4	1	54	4	10
33	AEM1-C7	54533	6	14	1	13	1	700	10	4.5	0.5	3	1	71	6	14
34	AEM1-C8*	54534	16	32	1	28	1	630	10	5.9	0.5	4	1	109	8	13
35	AEM1-C9	54535	5	9	1	11	1	620	10	2.8	0.5	3	1	49	3	15
36	AEM1-C10	54536	12	32	1	22	1	1000	10	5.3	0.5	17	1	82	6	9
37	AEM1-C11	54537	49	43	1	59	1	570	10	16.3	0.5	132	1	248	21	48
38	AEM1-C12	54538	29	23	1	26	1	670	10	19.7	0.5	31	1	87	9	25
39	AEM1-C13	54539	19	25	1	24	1	640	10	7.9	0.5	683	1	141	13	24
40	AEM1-C14	54540	15	28	1	22	1	560	10	9.4	0.5	7	1	76	6	31
41	AEM2-A1	54541	8	47	1	18	1	470	10	6.5	0.5	5	1	93	8	11
42	AEM2-A2	54542	16	68	1	28	1	580	10	9.5	0.5	6	1	121	9	13
43	AEM2-A3	54543	1	6	1	2	1	430	10	0.5	0.5	3	1	12	1	5
44	AEM2-A4	54544	1	5	1	2	1	470	10	0.5	0.5	13	1	16	2	5
45	AEM2-A5	54545	85	99	1	63	1	410	10	39.8	0.5	198	1	198	20	111

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	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
46	AEM2-A6	54546	5	28	1	12	1	480	10	4.6	0.5	8	1	69	6	15
47	AEM2-A7	54547	6	33	1	14	1	470	10	5.2	0.5	3	1	82	6	15
48	AEM2-A8*	54548	11	52	1	20	1	510	10	10.3	0.5	7	1	96	8	14
49	AEM2-A9	54549	4	22	1	11	1	520	10	4.4	0.5	7	1	59	4	11
50	AEM2-A10	54550	13	56	1	23	1	650	10	6.9	0.5	40	1	131	11	9
51	AEM2-A11	54551	5	10	1	12	1	490	10	5.3	0.5	4	1	74	6	11
52	AEM2-A12	54552	6	24	1	13	1	430	10	7.6	0.5	3	1	79	7	17
53	AEM2-A13	54553	15	77	1	25	1	430	10	17.5	0.5	29	1	114	10	17
54	AEM2-A14	54554	9	90	1	17	1	570	10	6.2	0.5	12	1	98	9	9
55	AEM2-B14	54555	5	26	1	13	1	520	10	5.1	0.5	6	1	78	6	11
56	AEM2-B13	54556	2	18	1	4	1	**910**	10	4.8	0.5	11	1	37	4	9
57	AEM2-B12	54557	8	35	1	18	1	500	10	5.4	0.5	9	1	99	8	11
58	AEM2-B11	54558	9	36	1	18	1	390	10	5.8	0.5	2	1	95	7	15
59	AEM2-B10	54559	15	14	1	17	1	420	10	28.2	0.5	2	1	65	8	**59**
60	AEM2-B9	54560	19	20	1	21	1	640	10	23.4	0.5	7	1	86	9	26
61	AEM2-B8*	54561	**58**	6	3	**54**	1	460	10	**51.5**	0.5	12	1	176	16	**137**
62	AEM2-B7	54562	36	5	2	38	1	470	10	**34.4**	0.5	16	1	143	12	**73**
63	AEM2-B6	54563	5	11	1	11	1	520	10	5.7	0.5	6	1	67	5	15
64	AEM2-B5	54564	11	9	1	14	1	460	10	20.3	0.5	1	1	72	7	31
65	AEM2-B4	54565	16	18	1	24	1	450	10	16.8	0.5	3	1	121	9	**57**
66	AEM2-B3	54566	12	21	1	13	1	500	10	19.1	0.5	9	1	57	5	30
67	AEM2-B2	54567	11	27	1	19	1	670	10	11.2	0.5	9	1	104	9	17
68	AEM2-B1	54568	10	30	1	21	1	**860**	10	6.5	0.5	14	1	121	11	16
69	AEM7-B14	54569	**50**	192	1	**54**	1	640	10	**34.1**	0.5	32	1	**245**	23	47
70	AEM7-B13	54570	28	36	1	40	1	380	10	13.4	0.5	3	1	182	12	29
71	AEM7-B12	54571	6	102	1	6	1	120	10	8.1	0.5	3	1	39	5	16
72	AEM7-B11	54572	22	101	1	19	1	30	10	**33.8**	0.5	8	1	54	5	**78**
73	AEM7-B10	54573	10	123	1	9	3	70	10	16.4	0.5	4	1	33	4	**68**
74	AEM7-B9	54574	15	197	1	16	1	300	10	19.8	0.5	6	1	102	9	**68**
75	AEM7-B8*	54575	18	147	1	15	1	20	10	**31.5**	0.5	6	1	40	4	**81**
76	AEM7-B7	54576	10	160	1	9	2	20	10	25	0.5	6	1	26	3	**100**
77	AEM7-B6	54577	17	148	1	16	1	40	10	21.1	0.5	6	1	52	6	**63**
78	AEM7-B5	54578	14	104	1	14	1	10	10	19.8	0.5	6	1	49	6	**53**
79	AEM7-B4	54579	12	101	2	11	1	20	10	25.8	0.5	6	1	35	4	**76**
80	AEM7-B3	54580	8	112	1	7	1	120	10	21.6	0.5	6	1	30	4	**62**
81	AEM7-B2	54581	6	109	1	6	2	110	10	18.5	0.5	6	1	28	4	**64**
82	AEM7-B1	54582	7	161	1	6	4	210	10	12.8	0.5	3	1	18	2	**62**
83	AEM7-A1	54583	18	147	1	22	1	520	10	**68.4**	0.5	9	1	101	11	**126**
84	AEM7-A2	54584	6	140	1	7	1	660	10	20.7	0.5	8	1	50	5	34
85	AEM7-A3	54585	8	161	1	8	1	370	10	**34.3**	0.5	5	1	40	4	**74**
86	AEM7-A4	54586	7	181	1	7	1	560	10	**35.5**	0.5	6	1	32	3	**69**
87	AEM7-A5	54587	7	**225**	1	7	1	260	10	17.7	0.5	6	1	28	3	**62**
88	AEM7-A6	54588	34	165	1	33	1	330	10	**64.5**	0.5	7	1	106	11	**111**
89	AEM7-A7	54589	16	200	1	19	1	570	10	**44.3**	0.6	6	1	86	8	**86**
90	AEM7-A8*	54590	13	187	1	14	1	510	10	**49.5**	0.5	5	1	82	7	**97**

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	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
91	AEM7-A9	54591	23	209	1	25	1	300	10	36.6	0.7	6	1	120	10	85
92	AEM7-A10	54592	61	236	1	66	1	260	10	83.6	0.5	11	1	247	23	154
93	AEM7-A11	54593	50	247	1	49	1	260	10	39.8	0.5	8	1	144	11	81
94	AEM7-A12	54594	9	254	1	10	1	320	10	18.4	0.5	7	1	47	5	35
95	AEM7-A13	54595	16	248	1	19	1	320	10	27.2	0.5	7	1	78	7	50
96	AEM7-A14	54596	32	153	1	31	1	280	10	45.8	0.5	5	1	134	11	76
97	AEM6-B1	54597	2	16	1	3	1	380	10	1.3	0.5	12	1	16	1	5
98	AEM6-B6	54598	2	25	1	5	1	480	10	3.6	0.5	5	1	31	3	8
99	AEM6-B7	54599	5	53	1	11	1	700	10	5.2	0.5	7	1	58	5	10
100	AEM6-B8*	54600	7	64	1	11	1	790	10	6.9	0.5	8	1	60	5	9
101	AEM6-B9	54601	2	17	1	5	1	390	10	2	0.5	5	1	30	2	7
102	AEM6-B10	54602	6	28	1	10	1	320	10	6.8	0.5	9	1	47	4	17
103	AEM6-B11	54603	4	28	1	9	1	370	10	4	0.5	8	1	41	3	14
104	AEM6-B12	54604	4	37	1	9	1	440	10	4.6	0.5	8	1	52	4	11
105	AEM6-B13	54605	3	32	1	7	1	370	10	3.5	0.5	6	1	38	3	11
106	AEM6-B14	54606	4	53	1	9	1	360	10	3.9	0.5	5	1	48	4	10
107	AEM6-A14	54607	7	8	1	12	1	310	10	6.4	0.5	4	1	52	4	14
108	AEM6-A10	54608	13	13	1	18	1	340	10	12.9	0.5	15	1	65	5	15
109	AEM6-A9	54609	7	91	1	14	1	370	10	5.3	0.5	5	1	62	4	13
110	AEM6-A8*	54610	4	106	1	9	1	370	10	5.2	0.5	6	1	47	3	11
111	AEM6-A7	54611	20	141	1	26	1	380	10	21.2	0.5	34	1	97	7	14
112	AEM6-A6	54612	30	123	1	36	1	320	10	24.2	0.5	33	1	134	9	22
113	AEM6-A5	54613	143	125	1	123	1	270	10	49.2	0.5	20	1	375	25	46
114	AEM6-A4	54614	20	131	1	23	1	130	10	24	0.5	5	1	115	9	32
115	AEM6-A3	54615	14	96	1	16	1	300	10	31.4	0.5	3	1	74	7	35
116	AEM6-A2	54616	21	99	1	26	1	480	10	26.3	0.5	13	1	94	7	21
117	AEM6-A1	54617	35	92	1	43	1	510	10	31.4	0.5	21	1	210	22	41
118	AEM3-A1	54618	1	5	1	1	1	350	10	0.5	0.5	1	1	6	1	5
119	AEM3-A2	54619	1	5	1	1	1	250	10	0.5	0.5	1	1	5	1	5
120	AEM3-A3	54620	1	5	1	1	1	300	10	0.5	0.5	5	1	7	1	5
121	AEM3-A4	54621	1	5	1	1	1	390	10	0.5	0.5	3	1	8	1	5
122	AEM3-A5	54622	1	9	1	1	1	330	10	0.5	0.5	6	1	14	2	5
123	AEM3-A6	54623	1	5	1	1	1	350	10	0.5	0.5	4	1	5	1	5
124	AEM3-A7	54624	1	5	1	1	1	340	10	0.5	0.5	1	1	5	1	5
125	AEM3-A8*	54625	3	5	1	3	1	400	10	1	0.5	69	2	33	4	7
126	AEM3-A9	54626	1	5	1	1	1	420	10	0.5	0.5	8	1	5	1	5
127	AEM3-A10	54627	5	19	1	8	1	840	10	11.6	0.5	5	1	46	5	32
128	AEM3-A11	54628	31	20	2	30	1	530	10	31.8	0.5	6	1	99	10	86
129	AEM3-A12	54629	9	22	1	12	1	820	10	16.5	0.5	5	1	55	6	37
130	AEM3-A13	54630	17	25	1	20	1	590	10	25.2	0.5	9	1	70	7	50
131	AEM3-B1	54631	2	17	1	7	1	690	10	2.7	0.5	14	1	41	3	8
132	AEM3-B2	54632	4	43	1	12	1	630	10	3.1	0.5	12	1	68	6	8
133	AEM3-B3	54633	4	59	1	10	1	450	10	3.2	0.5	9	3	51	4	6
134	AEM3-B4	54634	4	63	1	10	1	400	10	4.4	0.5	5	1	56	4	9
135	AEM3-B5	54635	2	69	1	6	1	320	10	2.1	0.5	2	1	41	3	10

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	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
136	AEM3-B6	54636	2	38	1	6	1	370	10	2.5	0.5	1	1	42	3	13
137	AEM3-B7	54637	3	57	1	8	1	320	10	3.6	0.5	2	1	47	4	12
138	AEM3-B8*	54638	3	51	1	7	1	300	10	3.9	0.5	3	1	45	4	13
139	AEM3-B9	54639	3	25	1	7	1	360	10	2.9	0.5	3	1	41	3	10
140	AEM3-B10	54640	2	19	1	6	1	400	10	2.4	0.5	3	1	36	3	9
141	AEM3-B11	54641	2	7	1	7	1	620	10	2.6	0.5	9	1	38	3	8
142	AEM3-B12	54642	3	35	1	9	1	670	10	3	0.5	8	1	56	5	8
143	AEM16-A1	54643	17	71	<1	19	<1	80	<10	10.3	<0.5	5	1	63	4	28
144	AEM16-A2	54644	**508**	29	<1	**502**	<1	450	<10	12.6	0.6	23	<1	**1260**	**63**	25
145	AEM16-A3	54645	27	46	<1	26	<1	470	<10	20.1	<0.5	10	<1	61	4	19
146	AEM16-A4	54646	18	34	<1	18	<1	550	<10	18.1	<0.5	4	<1	51	3	34
147	AEM16-A5	54647	4	39	<1	7	<1	520	<10	2.7	0.6	1	<1	28	2	19
148	AEM16-A6	54648	8	29	<1	10	<1	410	<10	6.1	<0.5	3	<1	32	2	12
149	AEM16-A7	54649	36	28	<1	35	<1	510	<10	25.1	0.5	5	<1	104	6	32
150	AEM16-A8*	54650	5	36	<1	5	<1	270	<10	5.7	<0.5	3	<1	11	**<1**	12
151	AEM16-A9	54651	2	55	<1	5	<1	460	<10	2.4	0.6	**<1**	<1	27	2	6
152	AEM16-A10	54652	9	33	<1	13	<1	610	<10	9.2	<0.5	3	<1	60	5	20
153	AEM16-A11	54653	14	39	<1	12	<1	230	<10	12.6	<0.5	15	<1	30	2	25
154	AEM16-A12	54654	5	25	<1	5	<1	270	<10	8	<0.5	3	<1	11	**<1**	16
155	AEM16-A13	54655	12	14	<1	17	<1	650	<10	6.1	<0.5	12	<1	66	4	15
156	AEM16-A14	54656	28	45	<1	23	<1	600	<10	22	<0.5	6	<1	68	5	40
157	AEM16-B1	54657	6	30	<1	10	<1	**940**	<10	5.7	<0.5	8	<1	45	3	7
158	AEM16-B2	54658	**<1**	23	<1	5	<1	**1120**	<10	1.6	<0.5	4	<1	35	3	6
159	AEM16-B3	54659	5	21	<1	8	<1	**1060**	<10	2.4	<0.5	6	<1	39	3	6
160	AEM16-B4	54660	3	32	<1	8	<1	**2120**	<10	4.7	<0.5	4	<1	62	6	**<5**
161	AEM16-B5	54661	4	29	<1	9	<1	**1050**	<10	4.8	<0.5	5	<1	55	4	12
162	AEM16-B6	54662	3	16	<1	7	<1	**1150**	<10	2.8	<0.5	11	<1	42	3	**<5**
163	AEM16-B7	54663	2	28	<1	6	<1	**980**	<10	2.8	<0.5	3	<1	40	3	9
164	AEM16-B8*	54664	18	17	<1	23	<1	**890**	<10	18.9	<0.5	23	<1	87	6	25
165	AEM16-B9	54665	6	38	<1	10	<1	**1240**	<10	3.8	<0.5	13	<1	49	4	7
166	AEM16-B10	54666	4	36	<1	8	<1	**840**	<10	1.9	<0.5	4	<1	36	2	9
167	AEM16-B11	54667	5	23	<1	8	<1	**930**	<10	1.7	<0.5	4	<1	33	2	11
168	AEM16-B12	54668	4	31	<1	9	<1	**1400**	<10	2.9	<0.5	5	<1	49	3	11
169	AEM16-B13	54669	2	17	<1	5	<1	**1790**	<10	2.1	<0.5	2	<1	30	2	8
170	AEM16-B14	54670	2	31	<1	6	<1	**1270**	<10	2.6	<0.5	4	<1	45	4	7
171	AEM15-A1	54671	**138**	64	<1	**92**	<1	330	<10	**58.7**	<0.5	26	<1	**314**	24	**124**
172	AEM15-A2	54672	17	145	<1	15	<1	280	<10	**32.3**	<0.5	5	<1	39	3	**69**
173	AEM15-A3	54673	27	64	<1	23	<1	150	<10	20.8	<0.5	6	<1	53	4	36
174	AEM15-A4	54674	8	75	<1	6	<1	280	<10	14.1	<0.5	3	<1	16	1	28
175	AEM15-A5	54675	27	102	<1	22	<1	190	<10	**29.8**	<0.5	5	<1	40	3	42
176	AEM15-A6	54676	**50**	53	<1	48	<1	330	<10	**42.6**	<0.5	4	<1	127	8	**74**
177	AEM15-A7	54677	17	66	<1	20	<1	670	<10	17.5	<0.5	2	<1	88	6	29
178	AEM15-A8*	54678	49	66	<1	40	<1	420	<10	26.3	<0.5	10	1	185	16	**153**
179	AEM15-A9	54679	19	29	<1	20	<1	**850**	<10	**39.3**	<0.5	2	2	93	8	**103**
180	AEM15-A10	54680	2	40	<1	7	<1	**770**	<10	3.5	<0.5	1	<1	45	3	10

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	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
181	AEM15-A11	54681	6	37	<1	9	<1	840	<10	8.2	<0.5	4	<1	42	3	10
182	AEM15-A12	54682	46	96	<1	36	<1	440	<10	32.1	<0.5	27	<1	130	10	55
183	AEM15-A13	54683	12	38	<1	14	<1	960	<10	15	<0.5	10	<1	69	5	16
184	AEM15-A14	54684	21	48	<1	22	7	830	<10	36.8	0.5	14	<1	111	10	40
185	AEM15-B14	54685	3	21	<1	7	<1	660	<10	5.1	<0.5	<1	<1	46	3	19
186	AEM15-B13	54686	16	42	<1	20	<1	650	<10	13.9	<0.5	6	<1	101	8	23
187	AEM15-B12	54687	28	22	<1	22	<1	620	<10	32	<0.5	5	<1	63	5	71
188	AEM15-B11	54688	12	22	<1	16	<1	650	<10	11.1	<0.5	4	<1	65	5	23
189	AEM15-B10	54689	2	13	<1	8	<1	670	<10	3.8	<0.5	1	<1	51	4	15
190	AEM15-B9	54690	6	70	<1	8	<1	550	<10	24.4	<0.5	1	1	52	5	127
191	AEM15-B8*	54691	3	97	<1	8	<1	620	<10	4.2	0.7	2	<1	70	6	17
192	AEM15-B7	54692	14	56	<1	17	<1	640	<10	16.2	0.6	22	<1	87	8	43
193	AEM15-B6	54693	38	61	<1	49	<1	300	<10	23	1.1	7	<1	169	9	53
194	AEM15-B5	54694	41	108	<1	29	<1	290	<10	26.3	0.5	5	<1	55	4	30
195	AEM15-B4	54695	12	101	<1	11	<1	260	<10	14.3	<0.5	3	<1	21	2	22
196	AEM15-B3	54696	13	188	<1	10	<1	300	<10	21	<0.5	4	<1	27	2	50
197	AEM15-B2	54697	3	45	<1	3	<1	200	<10	6.1	<0.5	2	<1	8	<1	19
198	AEM15-B1	54698	36	24	<1	42	<1	700	<10	23	<0.5	6	<1	149	10	18
199	AEM22-A1	54699	2	<5	<1	7	<1	860	<10	2.7	<0.5	2	<1	47	4	9
200	AEM22-A2	54700	2	31	<1	8	<1	1030	<10	3.1	<0.5	4	<1	62	6	<5
201	AEM22-A3	54701	4	33	<1	12	<1	1010	<10	4.4	<0.5	4	<1	83	6	<5
202	AEM22-A4	54702	2	27	<1	8	<1	750	<10	3.1	<0.5	<1	<1	54	4	9
203	AEM22-A5	54703	2	21	<1	7	<1	630	<10	2.4	<0.5	1	<1	43	3	10
204	AEM22-A6	54704	2	25	<1	8	<1	740	<10	3.3	<0.5	1	<1	52	4	10
205	AEM22-A7	54705	6	41	<1	11	<1	750	<10	6.2	<0.5	5	<1	67	6	11
206	AEM22-A8*	54706	3	36	<1	8	<1	640	<10	5.7	<0.5	2	<1	64	6	18
207	AEM22-A9	54707	3	35	<1	6	<1	660	<10	5.7	<0.5	4	<1	43	5	<5
208	AEM22-A10	54708	10	29	<1	15	<1	640	<10	12.5	<0.5	13	<1	74	7	15
209	AEM22-A11	54709	4	33	<1	9	<1	800	<10	5.4	<0.5	4	<1	74	8	7
210	AEM22-A12	54710	2	20	<1	7	<1	1090	<10	4.8	<0.5	4	<1	61	6	10
211	AEM22-A13	54711	3	42	<1	10	<1	990	<10	4	<0.5	4	<1	84	7	12
212	AEM22-A14	54712	129	212	<1	134	<1	460	<10	95.4	0.5	11	1	480	32	171
213	AEM3-C14	54713	6	18	<1	12	<1	580	<10	7.9	<0.5	3	<1	66	4	13
214	AEM3-C13	54714	26	82	<1	38	<1	640	<10	35.5	<0.5	72	<1	130	9	23
215	AEM3-C12	54715	1	43	<1	2	<1	650	<10	2.5	<0.5	9	<1	10	3	<5
216	AEM3-C11	54716	3	101	<1	4	<1	520	<10	2.3	<0.5	44	<1	20	4	<5
217	AEM3-C10	54717	23	17	<1	22	<1	550	<10	36.1	<0.5	27	1	69	6	50
218	AEM3-C9	54718	4	58	<1	5	<1	480	<10	2.6	<0.5	10	<1	17	3	<5
219	AEM3-C8*	54719	4	28	<1	9	<1	510	<10	3.6	<0.5	3	<1	47	3	10
220	AEM3-C7	54720	5	30	<1	12	<1	550	<10	3.9	<0.5	6	<1	58	4	10
221	AEM3-C6	54721	2	19	<1	2	<1	540	<10	2.5	<0.5	13	<1	10	2	<5
222	AEM3-C5	54722	4	30	<1	10	<1	550	<10	3.3	<0.5	3	<1	50	3	7
223	AEM3-C4	54723	9	62	<1	19	<1	480	<10	7	<0.5	4	<1	90	6	17
224	AEM3-C3	54724	6	65	<1	14	<1	510	<10	4	<0.5	8	<1	59	4	7
225	AEM3-C2	54725	4	41	<1	9	<1	570	<10	2.7	<0.5	8	<1	45	3	9

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
226	AEM3-C1	54726	5	42	<1	11	<1	560	<10	3.6	<0.5	7	<1	45	3	9
227	AEM23-B14	54727	5	13	<1	8	<1	610	<10	1.7	<0.5	2	<1	29	2	7
228	AEM23-B13	54728	3	6	<1	7	<1	600	<10	2.3	<0.5	3	<1	31	2	10
229	AEM23-B12	54729	4	8	<1	7	<1	620	<10	2.6	<0.5	1	<1	36	2	12
230	AEM23-B11	54730	4	<5	<1	8	<1	640	<10	3.3	<0.5	3	<1	34	2	10
231	AEM23-B10	54731	2	9	<1	6	<1	770	<10	1.3	<0.5	5	<1	37	3	8
232	AEM23-B9	54732	3	7	<1	7	<1	700	<10	2.1	<0.5	4	<1	34	2	8
233	AEM23-B8	54733	3	<5	<1	7	<1	710	<10	2.6	<0.5	4	<1	37	2	8
234	AEM23-B7	54734	<1	<5	<1	<1	<1	380	<10	<0.5	<0.5	5	<1	6	2	<5
235	AEM23-B6	54735	38	10	<1	36	<1	700	<10	36.2	<0.5	21	<1	110	8	45
236	AEM23-B5	54736	14	<5	2	19	<1	730	<10	14.6	<0.5	11	<1	67	5	39
237	AEM23-B4	54737	<1	7	<1	<1	<1	350	<10	<0.5	<0.5	2	<1	<5	1	<5
238	AEM21-B1	54738	3	22	<1	7	<1	590	<10	2.1	<0.5	3	<1	31	2	8
239	AEM21-B2	54739	3	13	<1	7	<1	550	<10	3.7	<0.5	1	<1	35	2	9
240	AEM21-B3	54740	5	47	<1	8	<1	500	<10	2.6	<0.5	1	<1	30	2	8
241	AEM21-B4	54741	12	60	<1	18	<1	800	<10	4.7	<0.5	12	<1	59	3	11
242	AEM21-B5	54742	39	26	<1	34	<1	460	<10	20.3	<0.5	26	<1	103	7	19
243	AEM21-B6	54743	18	23	<1	24	<1	420	<10	10.9	<0.5	7	<1	71	4	20
244	AEM21-B7	54744	3	24	<1	8	<1	710	<10	3.9	<0.5	7	<1	36	2	14
245	AEM21-B8*	54745	4	24	<1	8	<1	780	<10	3.4	<0.5	6	<1	39	3	14
246	AEM21-B9	54746	4	45	<1	8	<1	540	<10	2.9	<0.5	3	<1	39	2	10
247	AEM21-B10	54747	5	52	<1	6	<1	600	<10	2.8	<0.5	41	<1	29	4	<5
248	AEM21-B11	54748	5	38	<1	9	<1	640	<10	3	<0.5	9	<1	35	2	8
249	AEM21-B12	54749	4	34	<1	7	<1	510	<10	3.5	<0.5	2	<1	33	2	14
250	AEM21-B13	54750	13	29	<1	17	<1	420	<10	9.3	<0.5	3	<1	49	3	17
251	AEM21-B14	54751	3	9	<1	6	<1	340	<10	2.7	<0.5	1	<1	28	2	17
252	AEM20-A1	54752	21	23	<1	20	<1	410	<10	9.9	<0.5	3	<1	45	3	12
253	AEM20-A2	54753	3	15	<1	6	<1	540	<10	1.8	<0.5	<1	<1	29	2	8
254	AEM20-A3	54754	3	15	<1	4	<1	550	<10	1.2	<0.5	<1	<1	20	1	12
255	AEM20-A4	54755	7	10	<1	12	<1	290	<10	3.8	<0.5	<1	<1	46	3	16
256	AEM20-A5	54756	1	23	<1	5	<1	720	<10	1.9	<0.5	<1	1	32	2	33
257	AEM20-A6	54757	30	27	1	31	1	610	<10	14.2	<0.5	3	1	64	3	40
258	AEM20-A7	54758	36	30	<1	40	<1	520	<10	11.3	<0.5	2	<1	135	7	29
259	AEM20-A8*	54759	4	21	<1	6	<1	490	<10	2.9	<0.5	1	<1	21	1	11
260	AEM20-A9	54760	10	25	<1	13	<1	650	<10	5.5	<0.5	5	<1	39	2	9
261	AEM20-A10	54761	48	29	<1	36	<1	300	<10	32.5	<0.5	21	<1	85	6	44
262	AEM20-A11	54762	6	31	<1	14	<1	620	<10	4.7	<0.5	2	<1	71	5	14
263	AEM20-A12	54763	41	59	<1	37	<1	510	<10	26.1	<0.5	57	<1	114	8	27
264	AEM20-A13	54764	5	25	<1	10	<1	560	<10	3.2	<0.5	3	<1	41	2	9
265	AEM20-A14	54765	4	34	<1	7	<1	630	<10	3.6	<0.5	3	<1	37	2	9
266	AEM20-B14	54766	33	22	<1	33	<1	390	<10	5.7	<0.5	2	<1	74	3	6
267	AEM20-B13	54767	10	25	<1	13	<1	540	<10	6.7	<0.5	2	<1	36	2	9
268	AEM20-B12	54768	22	43	<1	21	<1	670	<10	26	0.7	6	<1	38	3	43
269	AEM20-B11	54769	33	31	<1	26	<1	280	<10	21.4	<0.5	12	<1	53	3	21
270	AEM20-B10	54770	38	42	<1	29	1	300	<10	27.8	<0.5	8	<1	53	4	74

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
271	AEM20-B9	54771	4	16	<1	8	<1	530	<10	2.7	<0.5	3	<1	43	2	15
272	AEM20-B8*	54772	41	31	<1	48	<1	470	<10	31.6	0.6	4	<1	131	8	36
273	AEM20-B7	54773	32	20	<1	40	<1	500	<10	16.2	<0.5	3	<1	119	7	28
274	AEM20-B6	54774	3	20	<1	5	<1	410	<10	1.7	<0.5	<1	<1	22	1	10
275	AEM20-B5	54775	24	26	<1	30	<1	430	<10	5.2	<0.5	3	<1	78	4	8
276	AEM20-B4	54776	13	21	<1	10	<1	300	<10	11.2	<0.5	6	<1	17	1	13
277	AEM20-B3	54777	5	19	<1	10	<1	440	<10	4	<0.5	1	<1	36	2	12
278	AEM20-B2	54778	17	19	<1	19	<1	560	<10	6.6	<0.5	2	<1	46	3	11
279	AEM20-B1	54779	21	23	<1	22	<1	460	<10	11.4	<0.5	2	<1	48	3	17
280	AEM24-A1	54780	3	67	<1	6	<1	490	<10	4.7	0.8	26	1	36	3	17
281	AEM24-A2	54781	13	31	<1	13	<1	440	<10	20.2	0.8	5	1	56	4	72
282	AEM24-A3	54782	17	24	<1	15	<1	400	<10	25	<0.5	3	1	58	4	79
283	AEM24-A4	54783	21	26	<1	18	<1	370	<10	25.7	<0.5	7	1	59	4	68
284	AEM24-A5	54784	3	11	<1	7	<1	480	<10	3.2	<0.5	5	<1	45	3	17
285	AEM24-A6	54785	3	19	<1	4	<1	710	<10	4.8	<0.5	2	<1	39	6	<5
286	AEM24-A7	54786	8	14	<1	13	<1	460	<10	9.7	<0.5	1	<1	65	5	34
287	AEM24-A8*	54787	4	42	<1	7	<1	660	<10	3.4	<0.5	2	<1	66	6	14
288	AEM24-A9	54788	5	15	<1	7	<1	430	<10	5.5	<0.5	2	<1	40	3	25
289	AEM24-A10	54789	2	26	<1	5	<1	580	<10	2.3	<0.5	1	<1	34	2	8
290	AEM24-A11	54790	2	25	<1	5	<1	470	<10	3.5	<0.5	2	<1	31	2	10
291	AEM24-A12	54791	4	33	<1	7	<1	660	<10	5.3	<0.5	2	<1	52	4	16
292	AEM24-A13	54792	2	31	<1	5	<1	670	<10	2.2	<0.5	1	<1	39	3	5
293	AEM24-A14	54793	1	25	<1	3	<1	550	<10	2.5	<0.5	2	<1	24	2	<5
294	AEM24-B14	54794	3	<5	<1	4	<1	340	<10	1.8	<0.5	18	<1	67	5	<5
295	AEM24-B13	54795	1	<5	<1	2	<1	360	<10	0.5	<0.5	10	<1	34	4	<5
296	AEM24-B12	54796	3	10	<1	5	<1	290	<10	1.4	<0.5	9	<1	71	7	<5
297	AEM24-B11	54797	7	<5	<1	11	<1	240	<10	3	<0.5	5	<1	79	7	6
298	AEM24-B10	54798	2	<5	<1	3	<1	270	<10	1.9	<0.5	7	<1	53	11	<5
299	AEM24-B9	54799	16	12	<1	15	<1	440	<10	30.7	<0.5	7	<1	65	5	83
300	AEM24-B8*	54800	1	<5	<1	3	<1	240	<10	0.6	<0.5	3	<1	45	6	<5
301	AEM24-B7	54801	3	60	<1	5	<1	450	<10	5.4	0.9	3	<1	39	3	35
302	AEM24-B6	54802	9	24	<1	9	<1	430	<10	12.3	<0.5	4	<1	42	3	44
303	AEM24-B5	54803	5	47	<1	6	<1	400	<10	5.7	0.5	4	<1	33	2	29
304	AEM24-B4	54804	2	31	<1	4	<1	480	<10	2.4	<0.5	3	<1	26	2	12
305	AEM24-B3	54805	11	21	<1	14	<1	530	<10	14.4	<0.5	10	<1	64	5	27
306	AEM24-B2	54806	18	21	<1	17	<1	540	<10	15.6	<0.5	34	<1	50	3	19
307	AEM24-B1	54807	3	36	<1	6	<1	480	<10	4	<0.5	5	<1	31	2	12
308	AEM26-A1	54808	49	80	<1	42	<1	810	<10	48.3	<0.5	34	<1	132	10	44
309	AEM26-A2	54809	102	53	<1	85	<1	620	<10	100	<0.5	34	<1	287	22	95
310	AEM26-A3	54810	2	25	<1	3	<1	740	<10	2.5	<0.5	1	<1	50	11	<5
311	AEM26-A4	54811	4	34	<1	7	<1	350	<10	6.4	<0.5	1	<1	49	3	15
312	AEM26-A5	54812	<1	38	<1	1	<1	720	<10	0.9	<0.5	<1	<1	33	6	<5
313	AEM26-A6	54813	2	66	<1	5	<1	510	<10	7.4	<0.5	7	<1	26	2	15
314	AEM26-A7	54814	5	16	<1	10	<1	640	<10	6.7	<0.5	1	<1	76	6	16
315	AEM26-A8*	54815	3	48	<1	7	<1	580	<10	12.8	<0.5	17	<1	28	2	20

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
316	AEM26-A9	54816	2	17	<1	5	<1	450	<10	3.4	<0.5	3	<1	27	1	9
317	AEM26-A10	54817	2	29	<1	4	<1	500	<10	3.3	<0.5	4	<1	28	2	7
318	AEM26-A11	54818	4	36	<1	7	<1	430	<10	6.4	<0.5	3	<1	39	3	17
319	AEM26-A12	54819	9	39	<1	13	<1	660	<10	20	<0.5	10	<1	68	6	29
320	AEM26-A13	54820	6	18	<1	10	<1	630	<10	10.5	<0.5	8	<1	65	4	23
321	AEM26-A14	54821	<1	19	<1	2	<1	1120	<10	1.5	<0.5	2	<1	31	5	<5
322	AEM26-B14	54822	3	34	<1	9	<1	810	<10	8.9	<0.5	1	<1	75	7	17
323	AEM26-B13	54823	1	28	<1	3	<1	480	<10	3.6	<0.5	15	<1	28	2	6
324	AEM26-B12	54824	3	19	<1	6	<1	620	<10	4.9	<0.5	2	<1	39	3	14
325	AEM26-B11	54825	2	21	<1	6	<1	650	<10	3.1	<0.5	1	<1	42	3	6
326	AEM26-B10	54826	2	8	<1	4	<1	400	<10	3.7	<0.5	3	1	22	1	10
327	AEM26-B9	54827	<1	9	<1	1	<1	800	<10	2.6	<0.5	2	<1	25	7	<5
328	AEM26-B8*	54828	13	23	<1	14	<1	780	<10	4.5	<0.5	3	<1	144	33	<5
329	AEM26-B7	54829	14	35	<1	10	<1	780	<10	5.5	<0.5	3	<1	109	30	<5
330	AEM26-B6	54830	48	76	<1	26	<1	870	<10	17.6	0.5	14	<1	101	22	30
331	AEM26-B5	54831	19	21	<1	25	<1	970	<10	8.2	<0.5	9	<1	170	21	<5
332	AEM26-B4	54832	2	20	<1	4	<1	860	<10	1.9	<0.5	2	<1	52	8	<5
333	AEM26-B3	54833	2	38	<1	4	<1	870	<10	2.9	<0.5	5	<1	47	7	<5
334	AEM26-B2	54834	6	63	<1	10	<1	440	<10	9.1	<0.5	2	<1	71	5	21
335	AEM26-B1	54835	4	19	<1	7	<1	680	<10	5.6	<0.5	3	<1	62	8	<5
336	AEM25-A1	54836	3	56	<1	8	<1	640	<10	4.9	<0.5	5	<1	62	5	11
337	AEM25-A2	54837	44	69	<1	33	<1	570	<10	42.6	<0.5	113	<1	148	12	54
338	AEM25-A3	54838	8	35	<1	12	<1	420	<10	11	<0.5	4	<1	61	4	20
339	AEM25-A4	54839	4	37	<1	7	<1	640	<10	3.9	<0.5	9	<1	54	4	11
340	AEM25-A5	54840	13	27	<1	16	<1	360	<10	19.7	<0.5	4	<1	73	5	36
341	AEM25-A6	54841	4	42	<1	7	<1	400	<10	4	<0.5	3	<1	39	2	8
342	AEM25-A7	54842	6	13	<1	8	<1	250	<10	2.4	<0.5	7	<1	56	5	<5
343	AEM25-A8*	54843	3	40	<1	7	<1	620	<10	3.6	<0.5	3	<1	52	4	7
344	AEM25-A9	54844	4	31	<1	7	<1	580	<10	8.4	<0.5	11	<1	46	4	12
345	AEM25-A10	54845	1	<5	<1	2	<1	450	<10	0.6	<0.5	31	<1	43	5	<5
346	AEM25-A11	54846	16	14	<1	18	<1	400	<10	23.1	<0.5	2	<1	89	7	69
347	AEM25-A12	54847	46	21	<1	32	<1	370	<10	54.1	<0.5	9	1	93	7	110
348	AEM25-A13	54848	9	20	<1	14	<1	420	<10	18.4	<0.5	4	<1	77	6	66
349	AEM25-A14	54849	32	10	<1	33	<1	410	<10	47.2	<0.5	8	<1	123	9	120
350	AEM25-B14	54850	4	13	<1	9	<1	610	<10	6.8	<0.5	5	<1	46	4	18
351	AEM25-B13	54851	1	43	<1	2	<1	1150	<10	1.9	<0.5	5	<1	27	5	<5
352	AEM25-B12	54852	3	16	<1	4	<1	330	<10	1.8	<0.5	17	<1	33	4	<5
353	AEM25-B11	54853	6	43	<1	14	<1	500	<10	7.5	<0.5	5	<1	69	5	13
354	AEM25-B10	54854	3	10	<1	7	<1	390	<10	5.3	<0.5	2	<1	40	3	12
355	AEM25-B9	54855	9	44	<1	13	<1	450	<10	14.7	<0.5	7	<1	65	5	15
356	AEM25-B8*	54856	3	18	<1	6	<1	760	<10	3.5	<0.5	2	<1	42	5	8
357	AEM25-B7	54857	6	23	<1	8	<1	720	<10	7.5	<0.5	5	<1	37	3	15
358	AEM25-B6	54858	2	25	<1	4	<1	380	<10	2.8	<0.5	2	<1	25	2	9
359	AEM25-B5	54859	2	14	<1	5	<1	450	<10	4.4	<0.5	2	<1	33	2	10
360	AEM25-B4	54860	4	31	<1	7	<1	480	<10	8.9	<0.5	4	<1	43	3	15

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
361	AEM25-B3	54861	4	71	<1	10	<1	470	<10	3.5	<0.5	1	<1	47	3	11
362	AEM25-B2	54862	2	31	<1	4	<1	860	<10	1.7	<0.5	1	<1	40	5	<5
363	AEM25-B1	54863	6	62	<1	8	<1	830	<10	8.3	<0.5	12	<1	51	8	9
364	AEM23-A10	54864	3	8	<1	6	<1	620	<10	2.3	<0.5	10	<1	27	2	10
365	AEM23-A9	54865	2	<5	<1	5	<1	720	<10	1.8	<0.5	4	<1	30	2	10
366	AEM23-A8*	54866	2	13	<1	2	<1	530	<10	0.9	<0.5	21	<1	28	3	<5
367	AEM23-A7	54867	9	16	<1	13	<1	580	<10	8.6	<0.5	4	<1	52	4	27
368	AEM23-A6	54868	11	11	<1	9	<1	1260	<10	12.5	<0.5	8	<1	41	6	16
369	AEM23-A5	54869	<1	18	<1	2	<1	1580	<10	0.7	<0.5	4	<1	26	4	<5
370	AEM23-A4	54870	2	16	<1	5	<1	1920	<10	1	<0.5	6	<1	32	4	<5
371	AEM23-A3	54871	4	37	<1	8	<1	1330	<10	7.8	<0.5	4	<1	45	4	18
372	AEM23-A2	54872	<1	36	<1	2	<1	1980	<10	0.8	<0.5	3	<1	30	6	<5
373	AEM23-A1	54873	2	20	<1	3	<1	1680	<10	1.2	<0.5	5	<1	25	3	<5
374	AEM31-A1	54874	10	271	<1	11	<1	220	<10	14	<0.5	4	<1	40	4	39
375	AEM31-A2	54875	31	75	<1	35	<1	20	<10	21.6	<0.5	7	<1	102	9	51
376	AEM31-A3	54876	3	7	<1	4	<1	330	<10	2.1	<0.5	18	<1	88	7	<5
377	AEM31-A5	54877	42	153	<1	43	<1	90	<10	15.7	<0.5	7	<1	146	11	32
378	AEM31-A6	54878	28	59	<1	30	<1	300	<10	10.7	<0.5	4	<1	122	10	11
379	AEM31-A7	54879	1	6	<1	1	<1	290	<10	<0.5	<0.5	2	<1	14	2	<5
380	AEM31-A8*	54880	1	18	<1	<1	<1	300	<10	<0.5	<0.5	9	<1	10	1	<5
381	AEM31-A9	54881	<1	6	<1	<1	<1	360	<10	<0.5	<0.5	<1	<1	7	<1	<5
382	AEM31-A10	54882	<1	<5	<1	<1	<1	380	<10	<0.5	<0.5	<1	<1	16	3	<5
383	AEM31-A11	54883	<1	<5	<1	<1	<1	380	<10	<0.5	<0.5	<1	<1	11	2	<5
384	AEM31-A12	54884	<1	<5	<1	<1	<1	360	<10	<0.5	<0.5	<1	<1	<5	<1	<5
385	AEM31-A13	54885	<1	<5	<1	<1	<1	440	<10	<0.5	<0.5	<1	<1	6	1	<5
386	AEM31-A14	54886	<1	<5	<1	<1	<1	470	<10	<0.5	<0.5	2	<1	<5	<1	<5
387	AEM31-B14	54887	<1	8	<1	<1	<1	690	<10	<0.5	<0.5	2	<1	<5	<1	<5
388	AEM31-B13	54888	<1	6	<1	<1	<1	500	<10	<0.5	<0.5	2	<1	7	1	<5
389	AEM31-B12	54889	<1	<5	<1	<1	<1	510	<10	<0.5	<0.5	1	<1	7	1	<5
390	AEM31-B11	54890	<1	7	<1	<1	<1	400	<10	<0.5	<0.5	<1	<1	<5	<1	<5
391	AEM31-B10	54891	<1	6	<1	<1	<1	380	<10	<0.5	<0.5	<1	<1	<5	<1	<5
392	AEM31-B9	54892	<1	7	<1	<1	<1	320	<10	<0.5	<0.5	<1	<1	<5	<1	<5
393	AEM31-B8*	54893	<1	7	<1	<1	<1	390	<10	<0.5	<0.5	<1	<1	<5	<1	<5
394	AEM31-B7	54894	<1	8	<1	<1	<1	370	<10	<0.5	<0.5	<1	<1	<5	<1	<5
395	AEM31-B6	54895	<1	10	<1	<1	<1	290	<10	<0.5	<0.5	<1	<1	5	<1	<5
396	AEM31-B5	54896	<1	8	<1	<1	<1	420	<10	0.8	<0.5	3	<1	<5	<1	<5
397	AEM31-B4	54897	<1	6	<1	<1	<1	410	<10	0.5	<0.5	<1	<1	7	<1	<5
398	AEM31-B3	54898	<1	9	<1	<1	<1	410	<10	<0.5	<0.5	<1	<1	<5	<1	<5
399	AEM31-B2	54899	<1	<5	<1	<1	<1	320	<10	<0.5	<0.5	<1	<1	<5	<1	<5
400	AEM31-B1	54900	<1	8	<1	<1	<1	380	<10	<0.5	<0.5	<1	<1	<5	<1	<5
401	AEM16-C14	54901	16	33	<1	20	<1	670	<10	9.3	<0.5	12	<1	69	4	8
402	AEM16-C13	54902	44	92	<1	40	<1	140	<10	23.6	0.6	5	<1	106	8	40
403	AEM16-C12	54903	15	91	<1	16	<1	10	<10	17.7	0.5	4	<1	52	5	42
404	AEM16-C11	54904	63	47	<1	55	<1	250	<10	27.4	<0.5	10	<1	152	12	32
405	AEM16-C10	54905	72	20	<1	72	<1	780	<10	46.2	<0.5	8	<1	275	18	39

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
406	AEM16-C9	54906	18	13	<1	20	<1	860	<10	9.5	<0.5	4	<1	88	7	19
407	AEM16-C8*	54907	9	13	<1	7	<1	280	<10	6.9	<0.5	9	<1	15	1	11
408	AEM16-C7	54908	9	18	<1	8	<1	220	<10	16.6	<0.5	8	<1	22	2	31
409	AEM16-C6	54909	19	21	<1	18	<1	260	<10	21.6	<0.5	22	<1	47	4	36
410	AEM16-C5	54910	57	38	<1	51	<1	210	<10	38.5	0.6	148	<1	185	15	73
411	AEM16-C4	54911	9	21	<1	8	<1	240	<10	16.6	<0.5	25	<1	25	2	39
412	AEM16-C3	54912	5	17	<1	10	<1	570	<10	4	<0.5	3	<1	56	5	9
413	AEM16-C2	54913	27	77	<1	26	<1	40	<10	20.4	0.6	7	<1	71	6	44
414	AEM16-C1	54914	46	67	<1	51	<1	<10	<10	10.2	<0.5	7	<1	132	8	17
415	AEM22-B1	54915	75	79	<1	79	<1	600	<10	58.3	<0.5	16	<1	423	37	78
416	AEM22-B2	54916	63	65	<1	69	<1	710	<10	35.5	<0.5	20	<1	306	25	49
417	AEM22-B3	54917	2	55	<1	4	<1	710	<10	3.6	<0.5	2	<1	46	7	<5
418	AEM22-B4	54918	2	31	<1	4	<1	590	<10	2.8	<0.5	2	<1	57	9	<5
419	AEM22-B5	54919	1	21	<1	3	<1	1020	<10	3.1	<0.5	8	<1	32	6	<5
420	AEM22-B6	54920	11	68	<1	15	<1	580	<10	13.3	<0.5	8	<1	71	5	14
421	AEM22-B7	54921	7	59	<1	13	<1	720	<10	9.8	<0.5	6	<1	78	7	10
422	AEM22-B8*	54922	8	61	<1	14	<1	650	<10	7.6	<0.5	4	<1	71	5	11
423	AEM22-B9	54923	2	33	<1	7	<1	640	<10	3.4	<0.5	3	<1	43	3	8
424	AEM22-B10	54924	4	33	<1	9	<1	760	<10	6.3	<0.5	12	<1	58	5	10
425	AEM22-B11	54925	2	24	<1	7	<1	640	<10	3.6	<0.5	5	<1	41	3	9
426	AEM22-B12	54926	5	45	<1	12	<1	690	<10	5.9	<0.5	5	<1	73	6	12
427	AEM22-B13	54927	3	40	<1	9	<1	660	<10	3.7	<0.5	3	<1	59	5	12
428	AEM22-B14	54928	4	55	<1	9	<1	600	<10	2.9	<0.5	3	<1	51	4	8
429	Mine-A1	54929	2	6	<1	2	<1	520	<10	0.5	<0.5	3	<1	14	1	<5
430	Mine-A2	54930	2	8	<1	2	<1	400	<10	1	<0.5	5	<1	14	1	<5
431	Mine-A3	54931	1	8	<1	2	<1	380	<10	0.7	<0.5	1	<1	14	1	<5
432	Mine-A4	54932	<1	6	<1	<1	<1	490	<10	<0.5	<0.5	<1	<1	6	<1	<5
433	Mine-A5	54933	<1	<5	<1	<1	<1	420	<10	<0.5	<0.5	<1	<1	10	2	<5
434	Mine-A6	54934	<1	6	<1	1	<1	410	<10	<0.5	<0.5	<1	<1	10	<1	<5
435	Mine-A7	54935	<1	<5	<1	<1	<1	440	<10	<0.5	<0.5	<1	<1	8	<1	<5
436	Mine-A8	54936	<1	7	<1	<1	<1	490	<10	<0.5	<0.5	<1	<1	9	1	<5
437	Mine-A9	54937	1	9	<1	2	<1	460	<10	0.5	<0.5	1	<1	12	1	<5
438	Mine-A10	54938	<1	7	<1	2	<1	490	<10	<0.5	<0.5	<1	<1	12	1	<5
439	Mine-A11	54939	<1	6	<1	<1	<1	520	<10	<0.5	<0.5	2	<1	8	<1	<5
440	Mine-A12	54940	<1	8	<1	<1	<1	350	<10	<0.5	<0.5	1	<1	8	1	<5
441	Mine-A13	54941	1	10	<1	2	<1	410	<10	0.6	<0.5	<1	<1	11	1	<5
442	Mine-A14	54942	<1	5	<1	<1	<1	400	<10	<0.5	<0.5	<1	<1	8	<1	<5
443	Mine-A15	54943	<1	10	<1	2	<1	380	<10	0.5	<0.5	2	<1	16	2	<5
444	Mine-A16	54944	<1	6	<1	1	<1	340	<10	<0.5	<0.5	1	<1	12	1	<5
445	Mine-A17	54945	<1	5	<1	1	<1	570	<10	<0.5	<0.5	1	<1	9	<1	<5
446	Mine-B1	54946	1	7	<1	2	<1	620	<10	0.5	<0.5	2	<1	14	1	<5
447	Mine-B2	54947	<1	8	<1	1	<1	450	<10	<0.5	<0.5	<1	<1	11	1	<5
448	Mine-B3	54948	1	<5	<1	2	<1	620	<10	0.8	<0.5	3	<1	15	1	<5
449	Mine-B4	54949	1	6	<1	2	<1	560	<10	0.8	<0.5	2	<1	15	1	<5
450	Mine-B5	54950	<1	<5	<1	<1	<1	670	<10	<0.5	<0.5	10	<1	10	1	<5

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	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
451	Mine-B6	54951	<1	6	<1	<1	<1	440	<10	<0.5	<0.5	<1	<1	10	1	<5
452	Mine-B7	54952	<1	8	<1	<1	<1	510	<10	<0.5	<0.5	1	<1	9	1	<5
453	Mine-B8	54953	<1	<5	<1	<1	<1	1200	<10	<0.5	<0.5	<1	<1	<5	<1	<5
454	Mine-B9	54954	<1	11	<1	<1	<1	970	<10	<0.5	<0.5	<1	<1	7	<1	<5
455	Mine-B10	54955	<1	<5	<1	<1	<1	1460	<10	<0.5	<0.5	<1	<1	8	<1	<5
456	Mine-B11	54956	<1	5	<1	1	<1	650	<10	0.6	<0.5	1	<1	8	<1	<5
457	Mine-B12	54957	<1	7	<1	1	<1	470	<10	<0.5	<0.5	<1	<1	9	<1	<5
458	Mine-B13	54958	<1	<5	<1	1	<1	480	<10	<0.5	<0.5	<1	<1	8	<1	<5
459	AEM21-A1	54959	20	54	<1	23	<1	590	<10	16.9	<0.5	22	<1	67	4	9
460	AEM21-A2	54960	3	12	<1	7	<1	630	<10	6.5	<0.5	3	<1	46	4	10
461	AEM21-A3	54961	84	31	<1	78	<1	500	<10	41.3	<0.5	15	<1	403	32	39
462	AEM21-A4	54962	2	11	<1	5	<1	530	<10	2	<0.5	1	<1	52	7	<5
463	AEM21-A5	54963	4	51	<1	6	<1	630	<10	4.5	<0.5	2	<1	48	5	<5
464	AEM21-A6	54964	2	39	<1	4	<1	250	<10	3.7	<0.5	3	<1	24	2	10
465	AEM21-A7	54965	4	54	<1	7	<1	360	<10	4.8	<0.5	2	<1	48	4	12
466	AEM21-A8*	54966	2	28	<1	3	<1	330	<10	1.8	<0.5	1	<1	21	1	6
467	AEM21-A9	54967	3	10	<1	7	<1	380	<10	4.9	<0.5	2	<1	47	4	14
468	AEM21-A10	54968	3	17	<1	7	<1	610	<10	3.5	<0.5	2	<1	53	4	7
469	AEM21-A11	54969	11	25	<1	10	<1	410	<10	6.5	<0.5	16	<1	38	4	<5
470	AEM21-A12	54970	4	33	<1	5	<1	430	<10	3.5	<0.5	2	<1	24	2	12
471	AEM21-A13	54971	3	48	<1	8	<1	480	<10	6	<0.5	4	<1	56	5	10
472	AEM21-A14	54972	1	86	<1	3	<1	330	<10	3.7	<0.5	7	<1	23	2	8
473	AEM31a-B1	54973	3	52	<1	4	<1	230	<10	2	0.9	1	<1	15	<1	12
474	AEM31a-B2	54974	9	58	<1	8	<1	260	<10	7.4	0.8	5	<1	27	2	24
475	AEM31a-B3	54975	4	48	<1	7	<1	410	<10	5.3	<0.5	6	<1	33	2	20
476	AEM31a-B4	54976	2	8	<1	3	<1	240	<10	1.7	<0.5	2	<1	14	<1	11
477	AEM31a-B5	54977	99	51	<1	83	<1	580	<10	75.8	0.6	10	<1	207	13	51
478	AEM31a-B6	54978	3	41	<1	5	<1	500	<10	2.5	<0.5	2	<1	28	2	11
479	AEM31a-B7	54979	16	34	<1	27	<1	1190	<10	4.2	<0.5	11	<1	294	68	<5
480	AEM31a-B8*	54980	13	60	<1	20	<1	1280	<10	3.9	<0.5	3	<1	239	69	<5
481	AEM31a-B9	54981	18	85	<1	18	<1	1210	<10	7.8	<0.5	7	<1	191	49	14
482	AEM31a-B10	54982	2	32	<1	4	<1	1280	<10	2.5	<0.5	3	<1	51	8	<5
483	AEM31a-B11	54983	61	156	<1	51	2	100	<10	117	0.6	12	2	98	8	266
484	AEM31a-B12	54984	179	202	<1	129	<1	330	<10	105	0.6	11	2	305	20	258
485	AEM31a-B13	54985	52	191	<1	48	<1	160	<10	82.9	0.6	8	2	136	11	211
486	AEM31a-B14	54986	<1	62	<1	2	<1	1580	<10	2	<0.5	2	<1	28	7	<5
487	AEM31a-A14	54987	1	35	<1	3	<1	850	<10	1.6	<0.5	2	<1	23	2	<5
488	AEM31a-A13	54988	2	28	<1	4	<1	530	<10	2.7	<0.5	1	<1	17	1	12
489	AEM31a-A12	54989	3	21	<1	5	<1	510	<10	2.4	<0.5	2	<1	23	2	11
490	AEM31a-A11	54990	6	33	<1	9	<1	920	<10	6.5	<0.5	8	<1	84	15	<5
491	AEM31a-A10	54991	91	84	<1	78	<1	380	<10	58.4	<0.5	33	<1	184	11	47
492	AEM31a-A9	54992	<1	46	<1	2	<1	830	<10	2	<0.5	2	<1	25	6	<5
493	AEM31a-A8*	54993	1	31	<1	3	<1	850	<10	1.8	<0.5	<1	<1	27	4	5
494	AEM31a-A7	54994	3	86	<1	4	<1	840	<10	3.5	<0.5	2	<1	38	9	<5
495	AEM31a-A6	54995	3	64	<1	4	<1	600	<10	3.3	<0.5	6	<1	33	4	10

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
496	AEM31a-A5	54996	8	69	<1	9	<1	370	<10	6.1	0.5	1	<1	29	2	26
497	AEM31a-A4	54997	4	47	<1	5	<1	1140	<10	6.1	<0.5	44	<1	41	4	21
498	AEM31a-A3	54998	24	49	<1	24	<1	600	<10	41.8	<0.5	13	<1	57	4	37
499	AEM31a-A2	54999	39	78	<1	31	<1	320	<10	45.6	1.3	13	<1	60	4	52
500	AEM31a-A1	55000	4	57	<1	8	<1	610	<10	7.2	0.6	3	<1	50	4	24
501	AEM26-A15	97000	50	76	<1	38	<1	460	<10	35.3	<0.5	9	<1	100	6	32
502	AEM26-A16	97001	41	86	<1	28	<1	150	<10	24.5	<0.5	17	<1	78	5	44
503	AEM26-A17	97002	21	36	<1	27	<1	960	<10	15.4	<0.5	11	<1	146	11	14
504	AEM26-A18*	97003	21	40	<1	28	<1	860	<10	19.6	<0.5	16	<1	133	9	20
505	AEM26-A19	97004	29	96	<1	34	<1	750	<10	31.5	<0.5	15	<1	150	11	23
506	AEM26-A20	97005	6	31	<1	12	<1	490	<10	5.2	<0.5	3	<1	80	5	12
507	AEM26-A21	97006	45	115	<1	44	<1	450	<10	16.3	<0.5	8	<1	131	7	12
508	AEM26-A22	97007	75	86	<1	76	<1	810	<10	32.6	0.6	11	<1	391	27	40
509	AEM26-A23	97008	37	98	<1	46	<1	1140	<10	13.3	0.6	9	<1	439	68	24
510	AEM24-C1	97009	11	22	<1	10	<1	390	<10	9.3	<0.5	3	<1	43	3	32
511	AEM24-C2	97010	5	48	<1	8	<1	420	<10	4.3	0.5	1	<1	56	4	24
512	AEM24-C3	97011	3	22	<1	5	<1	600	<10	2.1	<0.5	7	<1	33	2	18
513	AEM24-C4	97012	7	13	<1	10	<1	490	<10	8.8	<0.5	5	<1	58	4	38
514	AEM24-C5	97013	22	17	<1	20	<1	390	<10	15.5	<0.5	12	<1	68	4	29
515	AEM24-C6	97014	4	22	<1	8	<1	450	<10	4.7	<0.5	2	<1	53	3	18
516	AEM24-C7	97015	3	47	<1	5	<1	620	<10	2.5	<0.5	3	<1	36	2	9
517	AEM24-C8*	97016	3	50	<1	6	<1	610	<10	3.6	<0.5	3	<1	45	3	15
518	AEM24-C9	97017	6	39	<1	9	<1	500	<10	6.3	<0.5	19	<1	56	4	17
519	AEM24-C10	97018	4	38	<1	9	<1	560	<10	6	<0.5	10	<1	64	5	12
520	AEM24-C11	97019	25	64	<1	32	<1	490	<10	19.9	<0.5	39	<1	116	7	25
521	AEM24-C12	97020	4	28	<1	7	<1	480	<10	4.4	<0.5	3	<1	51	4	20
522	AEM24-C13	97021	23	78	<1	28	<1	510	<10	29.2	<0.5	17	<1	119	9	30
523	AEM24-C14	97022	5	59	<1	9	<1	470	<10	6.1	<0.5	9	<1	50	3	13
524	AEM26-B15	97023	55	99	<1	36	<1	200	<10	61.3	<0.5	13	<1	86	7	103
525	AEM26-B16	97024	24	33	<1	26	<1	680	<10	31.7	<0.5	18	<1	106	8	25
526	AEM26-B17	97025	2	38	<1	4	<1	460	<10	4	<0.5	3	<1	29	2	8
527	AEM26-B18*	97026	1	37	<1	3	<1	470	<10	3.7	<0.5	3	<1	25	2	7
528	AEM26-B19	97027	5	9	<1	10	<1	870	<10	7.3	<0.5	2	<1	84	7	12
529	AEM26-B20	97028	6	24	<1	11	<1	550	<10	8.8	<0.5	3	<1	76	5	15
530	AEM26-B21	97029	5	23	<1	10	<1	420	<10	6.8	<0.5	2	<1	63	4	15
531	AEM26-B22	97030	19	48	<1	23	<1	740	<10	15.8	<0.5	8	<1	120	8	17
532	AEM26-B23	97031	5	39	<1	9	<1	1040	<10	4.8	<0.5	2	<1	85	8	<5
533	AEM1-E1	97032	12	93	1	9	4	120	<10	15.1	0.7	4	<1	31	3	58
534	AEM1-E2	97033	22	95	1	17	2	30	<10	35.6	<0.5	7	<1	48	4	70
535	AEM1-E3	97034	10	187	<1	8	2	380	<10	28.6	<0.5	7	<1	36	3	78
536	AEM1-E4	97035	13	88	2	9	4	100	<10	35.3	0.6	7	1	29	3	102
537	AEM1-E5	97036	40	231	1	24	7	140	<10	49.8	0.8	8	2	54	4	110
538	AEM1-E6	97037	23	93	1	18	<1	80	<10	20.4	<0.5	6	<1	58	4	38
539	AEM1-E7	97038	10	76	1	9	1	40	<10	16.6	<0.5	4	<1	34	3	40
540	AEM1-E8*	97039	27	121	<1	21	<1	50	<10	17.6	<0.5	5	<1	69	5	38

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
541	AEM1-E9	97040	9	184	<1	6	5	450	<10	18.5	0.5	6	1	29	3	126
542	AEM1-E10	97041	12	141	1	11	<1	80	<10	27.8	<0.5	8	<1	37	4	57
543	AEM1-E11	97042	27	116	2	20	2	60	<10	55.3	<0.5	10	<1	59	5	98
544	AEM1-E12	97043	11	190	1	11	3	100	<10	20.6	<0.5	5	<1	45	4	65
545	AEM1-E13	97044	14	125	1	12	2	150	<10	27.8	<0.5	6	<1	40	4	68
546	AEM1-E14	97045	9	169	1	9	2	60	<10	21.6	<0.5	6	<1	37	4	71
547	AEM1-D14	97046	50	78	<1	43	<1	450	<10	15.6	<0.5	6	<1	110	6	15
548	AEM1-D13	97047	459	94	<1	331	<1	440	<10	192	0.6	27	2	1210	81	235
549	AEM1-D12	97048	26	66	<1	23	<1	70	<10	30.1	<0.5	8	<1	83	6	42
550	AEM1-D11	97049	30	38	<1	27	<1	10	<10	22.4	<0.5	6	<1	102	8	41
551	AEM1-D10	97050	14	109	<1	12	<1	50	<10	24.5	<0.5	6	<1	53	4	32
552	AEM1-D9	97051	23	118	<1	18	2	80	<10	30.3	<0.5	8	<1	57	5	72
553	AEM1-D8*	97052	14	114	<1	14	1	80	<10	20.7	<0.5	6	<1	95	8	43
554	AEM1-D7	97053	17	116	<1	16	<1	50	<10	23.2	<0.5	6	<1	107	8	40
555	AEM1-D6	97054	8	138	<1	7	<1	620	<10	14.4	<0.5	5	<1	29	2	34
556	AEM1-D5	97055	48	116	<1	41	<1	530	<10	70.1	<0.5	6	<1	247	14	116
557	AEM1-D4	97056	10	156	<1	9	<1	670	<10	46.5	<0.5	4	<1	47	4	64
558	AEM1-D3	97057	17	133	<1	15	<1	220	<10	38.8	<0.5	6	<1	58	4	73
559	AEM1-D2	97058	23	120	1	20	1	100	<10	28.8	<0.5	9	<1	60	5	64
560	AEM1-D1	97059	76	149	<1	70	<1	710	<10	84.9	0.7	12	<1	303	20	153
561	AEM 31a-C1	97060	150	59	<1	85	<1	1120	<10	16.5	0.6	16	<1	365	65	41
562	AEM 31a-C2	97061	323	70	<1	306	<1	920	<10	93.5	0.8	22	<1	1170	89	81
563	AEM 31a-C3	97062	6	28	<1	13	1	660	<10	5.8	<0.5	1	<1	100	7	18
564	AEM 31a-C4	97063	2	<5	<1	5	<1	1290	<10	4.4	<0.5	8	<1	59	5	11
565	AEM 31a-C5	97064	66	120	<1	55	<1	980	<10	67.1	<0.5	10	<1	255	15	92
566	AEM 31a-C6	97065	175	99	<1	169	<1	1150	<10	54.2	<0.5	38	<1	826	78	87
567	AEM 31a-C7	97066	83	58	<1	47	<1	1370	<10	8.9	<0.5	6	<1	217	72	16
568	AEM 31a-C8*	97067	31	99	<1	24	<1	1290	<10	21.6	<0.5	15	<1	130	29	49
569	AEM 31a-C9	97068	43	12	<1	47	<1	1330	<10	75.9	<0.5	14	<1	187	17	25
570	AEM 31a-C10	97069	38	61	<1	33	<1	890	<10	78.9	<0.5	27	<1	127	12	60
571	AEM 31a-C11	97070	1	48	<1	6	<1	930	<10	7.8	<0.5	2	<1	89	11	11
572	AEM 31a-C12	97071	43	46	<1	50	<1	1360	<10	46.9	<0.5	10	<1	269	26	31
573	AEM 31a-C13	97072	10	35	<1	19	<1	1110	<10	18.6	<0.5	2	<1	131	11	16
574	AEM 31a-C14	97073	19	27	<1	20	<1	560	<10	18.6	<0.5	3	<1	73	5	42
575	AEM 31-C1	97074	3	24	<1	6	<1	870	<10	4.1	<0.5	5	<1	47	4	5
576	AEM 31-C2	97075	2	35	<1	5	<1	1100	<10	12.3	<0.5	14	<1	57	8	23
577	AEM 31-C3	97076	10	33	<1	13	<1	850	<10	22.7	<0.5	24	<1	103	10	31
578	AEM 31-C4	97077	73	69	<1	53	<1	990	<10	69.9	<0.5	309	<1	240	20	75
579	AEM 31-C5	97078	5	<5	<1	7	<1	420	<10	2.3	<0.5	4	<1	72	7	<5
580	AEM 31-C6	97079	47	57	<1	35	<1	1270	<10	97.6	<0.5	108	<1	126	11	54
581	AEM 31-C7	97080	5	<5	<1	6	<1	370	<10	2	<0.5	5	<1	62	6	<5
582	AEM 31-C8*	97081	4	<5	<1	5	<1	330	<10	2.1	<0.5	5	<1	60	7	<5
583	AEM 31-C9	97082	48	84	<1	36	14	240	<10	38.1	<0.5	8	<1	82	6	41
584	AEM 31-C10	97083	12	39	<1	11	<1	300	<10	10.1	<0.5	13	<1	31	2	8
585	AEM 31-C11	97084	7	87	<1	6	<1	420	<10	14.7	<0.5	9	<1	16	1	<5

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	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
586	AEM 31-C13	97085	8	73	<1	8	7	80	<10	20.8	0.6	4	2	49	6	99
587	AEM 31-C14	97086	14	54	<1	10	1	330	<10	14.1	<0.5	8	<1	24	2	13
588	AEM 14-C1	97087	4	6	<1	4	<1	440	<10	<0.5	<0.5	12	<1	25	2	<5
589	AEM 14-C2	97088	6	8	<1	6	<1	470	<10	0.8	<0.5	28	<1	39	2	<5
590	AEM 14-C3	97089	17	37	<1	18	<1	440	<10	6.6	<0.5	8	<1	50	2	10
591	AEM 14-C4	97090	30	54	<1	35	<1	630	<10	18.6	<0.5	7	<1	95	5	21
592	AEM 14-C5	97091	130	76	<1	96	<1	320	<10	88.6	0.6	21	<1	250	16	103
593	AEM 14-C6	97092	35	50	<1	44	<1	1070	<10	13	0.7	5	<1	185	11	14
594	AEM 14-C7	97093	124	121	<1	90	2	160	<10	134	0.8	14	2	204	15	221
595	AEM 14-C8*	97094	411	120	<1	244	1	270	<10	160	1	14	1	683	38	290
596	AEM 14-C9	97095	79	133	<1	53	3	160	<10	55.2	0.7	11	1	156	10	152
597	AEM 14-C10	97096	46	152	<1	34	2	110	<10	53.7	0.7	10	<1	102	8	123
598	AEM 14-C11	97097	57	98	<1	55	<1	610	<10	60	<0.5	31	<1	150	8	40
599	AEM 14-C12	97098	1	8	<1	4	<1	880	<10	4.3	<0.5	5	<1	68	8	16
600	AEM 14-C13	97099	114	14	<1	114	<1	1490	<10	76.4	<0.5	14	<1	472	36	44
601	AEM 14-C14	97100	45	35	<1	49	<1	1690	<10	27	<0.5	8	<1	238	28	16
602	AEM 14-D1	97101	11	6	<1	11	<1	390	<10	2.8	<0.5	6	<1	59	5	<5
603	AEM 14-D2	97102	4	<5	<1	2	<1	640	<10	<0.5	<0.5	4	<1	9	<1	<5
604	AEM 14-D3	97103	5	<5	<1	5	<1	430	<10	1.1	<0.5	4	<1	38	3	<5
605	AEM 14-D4	97104	45	47	<1	33	<1	840	<10	78.7	<0.5	84	<1	134	12	50
606	AEM 14-D5	97105	1	<5	<1	<1	<1	360	<10	<0.5	<0.5	1	<1	5	<1	<5
607	AEM 14-D6	97106	<1	12	<1	<1	<1	460	<10	<0.5	<0.5	10	<1	11	3	<5
608	AEM 14-D7	97107	2	8	<1	2	<1	440	<10	<0.5	<0.5	29	<1	23	3	<5
609	AEM 14-D8*	97108	7	10	<1	7	<1	440	<10	0.7	<0.5	34	<1	56	3	<5
610	AEM 14-D9	97109	21	71	<1	19	<1	500	<10	16.5	<0.5	7	<1	49	3	15
611	AEM 14-D10	97110	45	74	<1	35	<1	380	<10	23.1	<0.5	12	<1	75	4	27
612	AEM 14-D11	97111	18	72	<1	20	<1	550	<10	7.7	<0.5	2	<1	51	3	11
613	AEM 14-D12	97112	36	38	<1	33	<1	430	<10	13.7	<0.5	98	<1	112	7	8
614	AEM 14-D13	97113	10	59	<1	15	<1	520	<10	6.9	0.6	5	<1	58	3	15
615	AEM 14-D14	97114	51	80	<1	39	<1	340	<10	30.4	0.6	6	<1	71	4	40
616	AEM 14-B14	97115	249	108	<1	235	<1	1270	<10	66.7	<0.5	16	1	953	79	126
617	AEM 14-B13	97116	86	96	<1	49	<1	1560	<10	10.3	<0.5	5	<1	227	71	30
618	AEM 14-B12	97117	161	120	<1	145	<1	840	<10	59.1	<0.5	22	<1	460	35	104
619	AEM 14-B11	97118	131	107	<1	121	<1	700	<10	46.6	<0.5	18	1	421	33	89
620	AEM 14-B10	97119	123	110	<1	114	<1	690	<10	55.5	<0.5	17	<1	308	21	59
621	AEM 14-B9	97120	29	132	<1	22	4	120	<10	35.5	0.9	9	2	54	5	185
622	AEM 14-B8*	97121	96	126	<1	75	1	130	<10	55.4	1	8	1	162	11	121
623	AEM 14-B7	97122	76	130	<1	59	<1	110	<10	53.1	1.1	8	1	125	9	117
624	AEM 14-B6	97123	191	99	<1	140	<1	330	<10	49.3	0.8	10	1	320	21	97
625	AEM 14-B5	97124	75	89	<1	53	<1	260	<10	36	0.6	7	<1	113	8	76
626	AEM 14-B4	97125	39	65	<1	39	<1	860	<10	17.7	<0.5	3	<1	81	5	18
627	AEM 14-B3	97126	51	93	<1	42	<1	410	<10	23	<0.5	7	<1	81	5	27
628	AEM 14-B2	97127	15	52	<1	18	<1	600	<10	5.2	<0.5	3	<1	46	3	14
629	AEM 14-B1	97128	6	37	<1	8	<1	410	<10	3.9	<0.5	4	<1	26	2	17
630	AEM 14-A1	97129	13	52	<1	16	<1	620	<10	4.6	<0.5	14	<1	36	2	9

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
631	AEM 14-A2	97130	11	35	<1	17	<1	640	<10	3.6	<0.5	4	<1	47	3	8
632	AEM 14-A3	97131	51	65	<1	38	<1	310	<10	22.6	<0.5	5	<1	87	6	40
633	AEM 14-A4	97132	166	56	<1	123	<1	400	<10	66.6	<0.5	12	<1	310	23	118
634	AEM 14-A5	97133	64	88	<1	54	<1	610	<10	24.5	<0.5	5	<1	115	7	21
635	AEM 14-A6	97134	97	86	<1	70	<1	460	<10	47.1	0.7	10	<1	144	10	75
636	AEM 14-A7	97135	16	80	<1	18	<1	560	<10	9.4	<0.5	4	<1	40	2	13
637	AEM 14-A8*	97136	16	67	<1	19	<1	560	<10	7.2	<0.5	4	<1	46	3	9
638	AEM 14-A9	97137	6	58	<1	11	<1	590	<10	3	0.5	1	<1	42	3	15
639	AEM 14-A10	97138	43	133	<1	44	<1	970	<10	21.5	<0.5	20	<1	128	8	21
640	AEM 14-A11	97139	60	136	<1	66	<1	640	<10	19.2	<0.5	26	<1	166	10	28
641	AEM 14-A12	97140	4	6	<1	8	<1	630	<10	3.7	<0.5	2	<1	39	3	13
642	AEM 14-A13	97141	10	24	<1	19	<1	1010	<10	11.3	<0.5	8	<1	96	7	19
643	AEM 14-A14	97142	38	145	<1	30	<1	360	<10	58.4	<0.5	6	<1	80	6	161
644	AEM 10-A5	97143	7	8	<1	4	<1	700	<10	2.2	<0.5	1	<1	14	<1	8
645	AEM 10-A6	97144	5	6	<1	3	<1	870	<10	1.3	<0.5	2	<1	9	<1	6
646	AEM 10-A7	97145	4	7	<1	3	<1	970	<10	1.8	<0.5	4	<1	10	<1	6
647	AEM 10-A8*	97146	3	6	<1	2	<1	850	<10	1.1	<0.5	1	<1	10	<1	5
648	AEM 10-A9	97147	2	<5	<1	1	<1	1160	<10	0.8	<0.5	2	<1	5	<1	<5
649	AEM 10-A10	97148	3	7	<1	3	<1	890	<10	1.2	<0.5	2	<1	13	<1	6
650	AEM 10-A11	97149	4	9	<1	5	<1	750	<10	1.6	<0.5	1	<1	19	1	7
651	AEM 10-A12	97150	4	11	<1	4	<1	800	<10	1.8	<0.5	3	<1	15	1	7
652	AEM 10-A13	97151	3	7	<1	4	<1	680	<10	0.7	<0.5	1	<1	17	1	5
653	AEM 10-A14	97152	3	5	<1	3	<1	820	<10	0.7	<0.5	2	<1	13	1	5
654	AEM 11-A14	97153	13	30	<1	11	2	160	<10	9.8	<0.5	5	<1	28	2	38
655	AEM 11-A13	97154	58	80	<1	54	<1	<10	<10	6.4	<0.5	5	<1	126	10	10
656	AEM 11-A12	97155	52	52	<1	49	<1	<10	<10	9.3	<0.5	5	<1	133	11	25
657	AEM 11-A11	97156	5	33	<1	3	1	110	<10	5	<0.5	2	<1	10	<1	16
658	AEM 11-A10	97157	10	28	<1	11	<1	<10	<10	5.7	<0.5	2	<1	42	4	19
659	AEM 11-A9	97158	54	26	<1	50	<1	310	<10	11.4	<0.5	23	<1	112	6	15
660	AEM 11-A8*	97159	45	44	<1	39	1	290	<10	21.2	<0.5	5	2	87	7	56
661	AEM 11-A7	97160	42	39	<1	36	1	250	<10	18.5	<0.5	6	1	84	6	47
662	AEM 11-A6	97161	34	54	<1	29	1	120	<10	29.8	0.5	7	2	61	5	63
663	AEM 11-A5	97162	164	60	<1	115	<1	150	<10	29.4	<0.5	12	1	192	12	42
664	AEM 11-A4	97163	56	27	<1	42	1	300	<10	28.6	<0.5	10	1	75	6	69
665	AEM 11-A3	97164	49	27	<1	33	<1	260	<10	23.9	<0.5	14	<1	74	5	68
666	AEM 11-A2	97165	64	31	<1	43	<1	210	<10	30.3	<0.5	27	<1	90	7	58
667	AEM 11-A1	97166	81	44	<1	68	<1	310	<10	25.3	<0.5	56	<1	173	11	45
668	AEM 11-B1	97167	38	50	<1	32	<1	290	<10	28.8	<0.5	21	<1	59	4	29
669	AEM 11-B2	97168	27	63	<1	19	<1	280	<10	18.4	<0.5	17	<1	37	3	35
670	AEM 11-B3	97169	8	86	<1	8	3	100	<10	7.2	<0.5	4	1	37	4	45
671	AEM 11-B4	97170	15	242	<1	13	1	160	<10	19.8	<0.5	7	1	37	3	59
672	AEM 12-A14	97171	4	7	<1	2	<1	700	<10	1.4	<0.5	4	<1	6	<1	8
673	AEM 12-A13	97172	3	<5	<1	2	<1	420	<10	1.1	<0.5	2	<1	8	<1	20
674	AEM 12-A12	97173	1	14	<1	<1	<1	570	<10	0.9	<0.5	2	<1	<5	<1	7
675	AEM 12-A11	97174	6	18	<1	5	<1	640	<10	3.4	<0.5	30	<1	24	2	8

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
676	AEM 12-A10	97175	15	73	<1	15	<1	80	<10	10.5	<0.5	6	<1	58	5	24
677	AEM 12-A9	97176	16	130	<1	14	2	40	<10	18.3	<0.5	5	1	46	4	67
678	AEM 12-A8*	97177	4	198	<1	4	<1	320	<10	6.2	<0.5	8	<1	13	<1	11
679	AEM 12-A7	97178	4	169	<1	4	<1	340	<10	5.3	<0.5	7	<1	12	<1	10
680	AEM 12-A6	97179	22	22	<1	19	<1	360	<10	7.1	<0.5	45	<1	49	3	22
681	AEM 12-A5	97180	1	46	<1	4	<1	880	<10	4.9	<0.5	2	<1	20	2	13
682	AEM 12-A4	97181	<1	<5	<1	<1	<1	1220	<10	<0.5	<0.5	3	<1	<5	<1	<5
683	AEM 12-A3	97182	10	35	<1	12	<1	380	<10	2.5	<0.5	2	<1	39	2	14
684	AEM 12-A2	97183	53	226	<1	38	<1	320	<10	19.1	<0.5	10	<1	63	4	30
685	AEM 12-A1	97184	62	182	<1	50	<1	310	<10	14.8	<0.5	9	<1	101	7	22
686	AEM 12-B1	97185	17	133	<1	14	2	300	<10	17.2	<0.5	6	<1	39	4	48
687	AEM 12-B2	97186	13	100	<1	13	1	110	<10	11.9	<0.5	6	<1	49	4	42
688	AEM 12-B3	97187	17	117	<1	14	1	90	<10	17.7	<0.5	7	3	45	4	58
689	AEM 12-B4	97188	11	138	1	10	1	120	<10	15.1	<0.5	5	1	29	3	59
690	AEM 12-B5	97189	7	69	<1	6	3	200	<10	7.8	<0.5	3	1	25	2	43
691	AEM 12-B6	97190	10	182	1	9	4	270	<10	20.5	0.5	6	2	28	3	79
692	AEM 12-B7	97191	8	165	<1	7	1	70	<10	13.6	<0.5	4	1	25	3	60
693	AEM 12-B8*	97192	12	126	<1	10	2	50	<10	13.9	<0.5	4	1	29	3	59
694	AEM 12-B9	97193	11	122	<1	10	<1	70	<10	14.9	<0.5	4	<1	29	3	46
695	AEM 12-B10	97194	12	89	1	11	1	40	<10	15.9	<0.5	5	<1	32	3	53
696	AEM 12-B11	97195	2	7	<1	1	<1	700	<10	1.2	0.6	54	4	6	<1	11
697	AEM 11-B5	97196	30	104	1	27	2	130	<10	38.8	0.7	9	1	71	7	92
698	AEM 11-B6	97197	44	111	<1	33	4	310	<10	43.5	0.9	15	4	82	7	132
699	AEM 11-B7	97198	66	83	<1	49	<1	150	<10	41.1	0.5	13	1	77	6	56
700	AEM 11-B8*	97199	77	75	<1	57	<1	130	<10	39.3	<0.5	16	<1	90	7	47
701	AEM 11-B9	97200	47	24	<1	33	<1	140	<10	21.4	<0.5	9	<1	48	4	35
702	AEM 11-B10	97201	19	35	<1	15	<1	130	<10	15.9	<0.5	5	<1	24	2	29
703	AEM 11-B11	97202	39	22	<1	23	<1	100	<10	14.3	<0.5	9	<1	48	3	35
704	AEM 11-B12	97203	63	17	<1	41	<1	160	<10	27.1	<0.5	58	<1	100	7	47
705	AEM 11-B13	97204	26	17	<1	16	<1	140	<10	14.8	<0.5	17	<1	38	3	36
706	AEM 11-B14	97205	9	25	<1	8	<1	260	<10	11.9	<0.5	12	<1	23	2	20
707	Discard	97206														
708	AEM 11-D14	97207	35	122	<1	26	<1	200	<10	19.6	<0.5	28	<1	52	4	33
709	AEM 11-D13	97208	26	134	<1	26	<1	280	<10	17.4	<0.5	22	1	75	7	33
710	AEM 11-D12	97209	25	207	1	21	2	320	<10	20.9	<0.5	18	1	49	5	54
711	AEM 11-D11	97210	28	115	<1	22	<1	240	<10	22.7	<0.5	31	<1	47	4	36
712	AEM 11-D10	97211	10	93	<1	8	<1	230	<10	12.4	<0.5	14	<1	18	2	30
713	AEM 11-D9	97212	6	39	<1	6	<1	210	<10	6.9	<0.5	25	<1	15	1	13
714	AEM 11-D8*	97213	6	59	<1	6	<1	300	<10	7.7	<0.5	40	<1	16	1	10
715	AEM 11-D7	97214	8	51	<1	8	<1	260	<10	9	<0.5	39	<1	19	1	14
716	AEM 11-D6	97215	8	59	<1	8	<1	320	<10	9.6	<0.5	31	<1	20	2	13
717	AEM 11-D5	97216	<1	37	<1	6	<1	450	<10	2.2	<0.5	4	<1	29	2	8
718	AEM 11-D4	97217	7	38	<1	8	<1	440	<10	5.2	<0.5	12	<1	20	1	7
719	AEM 11-D3	97218	9	50	<1	9	<1	260	<10	8.5	<0.5	47	<1	24	2	14
720	AEM 11-D2	97219	8	48	<1	10	<1	410	<10	4.3	<0.5	11	<1	21	1	<5

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
721	AEM 11-D1	97220	14	100	<1	15	<1	200	<10	8.8	<0.5	5	<1	30	2	12
722	AEM 11-C1	97221	24	56	<1	26	<1	280	<10	10.8	<0.5	27	<1	60	4	13
723	AEM 11-C2	97222	41	26	<1	33	<1	280	<10	18	<0.5	182	<1	95	7	22
724	AEM 11-C3	97223	14	73	<1	10	<1	190	<10	9.1	<0.5	19	<1	24	2	21
725	AEM 11-C4	97224	15	54	<1	13	<1	190	<10	10	<0.5	37	<1	29	2	21
726	AEM 11-C5	97225	12	66	<1	12	<1	280	<10	12.4	<0.5	65	<1	29	2	11
727	AEM 11-C6	97226	8	98	<1	7	<1	200	<10	9.5	<0.5	14	<1	15	1	17
728	AEM 11-C7	97227	9	48	<1	8	<1	290	<10	7.9	<0.5	17	<1	18	1	13
729	AEM 11-C8*	97228	9	50	<1	9	<1	340	<10	8.7	<0.5	17	<1	20	1	13
730	AEM 11-C9	97229	4	43	<1	4	<1	270	<10	8.3	<0.5	15	<1	9	<1	11
731	AEM 11-C10	97230	23	49	<1	27	<1	650	<10	26.3	<0.5	40	<1	67	5	27
732	AEM 11-C11	97231	5	30	<1	5	<1	390	<10	9.3	<0.5	21	<1	10	<1	7
733	AEM 11-C12	97232	16	116	<1	15	1	170	<10	22.7	<0.5	7	1	42	4	61
734	AEM 11-C13	97233	12	206	<1	12	2	160	<10	18.3	<0.5	8	1	45	5	73
735	AEM 11-C14	97234	12	302	<1	11	3	210	<10	18.8	0.5	8	2	46	6	75
736	AEM32-C14	97235	4	5	<1	4	<1	840	<10	1.4	<0.5	205	<1	22	2	11
737	AEM32-C13	97236	12	8	<1	16	<1	540	<10	11.2	<0.5	12	<1	80	9	24
738	AEM32-C12	97237	9	12	<1	8	<1	420	<10	15.8	<0.5	8	<1	36	5	26
739	AEM32-C11	97238	17	11	<1	18	<1	290	<10	32.2	<0.5	15	2	65	7	42
740	AEM32-C10	97239	12	<5	<1	14	<1	440	<10	13.7	<0.5	26	<1	68	10	33
741	AEM32-C9	97240	15	9	<1	17	1	420	<10	17.4	<0.5	14	1	56	6	61
742	AEM32-C8*	97241	19	11	<1	24	1	440	<10	22.1	<0.5	11	1	86	9	59
743	AEM32-C7	97242	15	7	<1	18	<1	410	<10	17	<0.5	8	<1	72	9	40
744	AEM32-C6	97243	7	<5	<1	9	<1	510	<10	3.4	<0.5	15	<1	46	5	16
745	AEM32-C5	97244	16	13	<1	23	<1	380	<10	21.1	<0.5	9	<1	103	11	29
746	AEM32-C4	97245	6	<5	<1	7	<1	420	<10	4.8	<0.5	3	<1	33	4	13
747	AEM32-C3	97246	21	15	<1	28	<1	460	<10	18.5	<0.5	6	<1	96	11	33
748	AEM32-C2	97247	13	6	<1	13	<1	470	<10	22.2	<0.5	7	<1	46	6	46
749	AEM32-C1	97248	9	7	<1	11	<1	520	<10	9.1	<0.5	6	<1	44	5	32
750	AEM30-C1	97249	51	119	<1	51	<1	30	<10	19.4	0.5	13	<1	178	14	37
751	AEM30-C2	97250	25	109	1	21	1	20	<10	25.7	0.7	13	2	51	5	66
752	AEM30-C3	97251	3	109	<1	3	<1	<10	<10	3.9	<0.5	6	<1	46	8	10
753	AEM30-C4	97252	27	64	<1	30	22	<10	<10	18.1	<0.5	9	<1	113	10	32
754	AEM30-C5	97253	13	57	<1	18	<1	<10	<10	6.3	<0.5	7	<1	116	12	10
755	AEM30-C6	97254	8	105	<1	8	<1	<10	<10	11.2	0.5	9	<1	44	5	27
756	AEM30-C7	97255	40	128	<1	39	2	30	<10	21.2	0.6	10	1	115	10	51
757	AEM30-C8*	97256	30	117	<1	31	<1	<10	<10	14.1	0.6	8	<1	116	10	28
758	AEM30-C9	97257	73	99	<1	71	1	20	<10	31	0.8	20	1	180	18	60
759	AEM30-C10	97258	34	91	<1	31	2	110	<10	31.9	0.8	16	1	79	7	74
760	AEM30-C11	97259	17	122	<1	19	<1	20	<10	16.2	0.5	9	<1	72	7	32
761	AEM30-C12	97260	22	83	<1	28	<1	<10	<10	15.6	0.5	10	<1	114	12	23
762	AEM30-C13	97261	15	60	1	15	1	40	<10	14.4	0.6	7	<1	46	5	49
763	AEM30-C14	97262	49	104	<1	52	<1	10	<10	20.2	0.6	10	<1	134	11	31
764	AEM29-A1	98000	83	121	<1	70	<1	200	<10	17.6	<0.5	8	<1	187	13	30
765	AEM29-A2	98001	26	84	<1	23	<1	<10	<10	10.3	<0.5	6	<1	60	4	12

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
766	AEM29-A3	98002	61	45	<1	63	<1	300	<10	39.3	<0.5	25	<1	165	10	64
767	AEM29-A4	98003	33	148	<1	27	<1	30	<10	21.7	<0.5	6	<1	66	5	39
768	AEM29-A5	98004	15	198	<1	16	<1	40	<10	15.8	0.5	6	<1	45	3	36
769	AEM29-A6	98005	22	98	<1	19	<1	<10	<10	23.5	<0.5	6	<1	41	3	36
770	AEM29-A7	98006	20	134	<1	17	<1	50	<10	30.9	<0.5	6	<1	45	4	63
771	AEM29-A8*	98007	122	184	<1	81	<1	210	<10	127	0.7	12	1	146	12	126
772	AEM29-A9	98008	43	139	<1	32	<1	70	<10	40.6	<0.5	6	<1	77	6	62
773	AEM29-A10	98009	21	68	1	18	<1	70	<10	37.3	<0.5	8	<1	43	4	63
774	AEM29-A11	98010	33	142	<1	27	<1	20	<10	45.2	<0.5	7	2	66	6	80
775	AEM29-A12	98011	33	150	<1	31	<1	20	<10	19.2	<0.5	6	<1	88	7	35
776	AEM29-A13	98012	18	114	<1	17	<1	30	<10	11.7	<0.5	6	1	42	4	27
777	AEM29-A14	98013	28	112	<1	30	<1	50	<10	8.4	<0.5	5	<1	86	6	16
778	AEM30-A2	98014	20	34	<1	22	<1	470	<10	2.8	<0.5	35	<1	104	5	<5
779	AEM30-A3	98015	69	47	<1	78	<1	350	<10	14	0.6	23	<1	220	10	16
780	AEM30-A4	98016	26	164	<1	26	<1	70	<10	21.2	0.5	7	<1	69	6	41
781	AEM30-A5	98017	21	195	<1	21	<1	110	<10	29	0.6	7	<1	54	4	39
782	AEM30-A6	98018	23	166	<1	22	<1	110	<10	24.9	<0.5	7	<1	55	4	47
783	AEM30-A7	98019	27	185	1	27	2	60	<10	37.5	0.8	10	2	76	7	68
784	AEM30-A8*	98020	15	184	<1	17	<1	60	<10	22.8	0.6	9	<1	62	5	38
785	AEM30-A9	98021	15	144	<1	15	<1	90	<10	12.3	0.5	6	<1	68	5	20
786	AEM30-A10	98022	10	96	<1	12	<1	40	<10	8.4	0.5	5	<1	78	7	20
787	AEM30-A11	98023	18	72	1	21	<1	<10	<10	23.6	0.6	10	<1	77	6	40
788	AEM30-B14	98024	3	105	<1	4	<1	<10	<10	5.8	0.6	4	<1	54	6	10
789	AEM30-B13	98025	95	79	<1	72	<1	60	<10	65.6	0.8	10	2	144	12	75
790	AEM30-B12	98026	15	134	<1	16	1	<10	<10	18.4	0.8	7	<1	86	8	39
791	AEM30-B11	98027	6	153	<1	7	<1	70	<10	11.1	0.6	6	<1	48	5	21
792	AEM30-B10	98028	13	99	<1	14	<1	30	<10	25.1	0.5	7	<1	59	5	40
793	AEM30-B9	98029	28	154	<1	30	<1	20	<10	24.8	0.6	10	<1	110	9	39
794	AEM30-B8*	98030	23	126	<1	24	<1	10	<10	26.5	<0.5	10	<1	94	7	41
795	AEM30-B7	98031	35	110	<1	40	<1	<10	<10	22.3	<0.5	11	<1	119	9	29
796	AEM30-B6	98032	7	303	1	7	2	110	<10	11.6	0.5	4	1	44	4	35
797	AEM30-B5	98033	14	136	<1	15	<1	50	<10	13.6	<0.5	6	<1	75	6	32
798	AEM30-B4	98034	82	141	<1	71	<1	220	<10	22.7	0.7	11	<1	189	13	37
799	AEM30-B3	98035	28	120	<1	27	<1	210	<10	21.5	0.7	8	<1	77	7	40
800	AEM30-B2	98036	20	102	<1	24	<1	540	<10	15.4	<0.5	21	<1	70	4	7
801	AEM35-A14	98037	3	14	<1	3	<1	970	<10	3	<0.5	3	<1	6	<1	<5
802	AEM35-A13	98038	20	93	<1	14	<1	270	<10	20.9	<0.5	5	<1	23	2	32
803	AEM35-A12	98039	<1	12	<1	1	<1	500	<10	<0.5	<0.5	<1	<1	16	2	<5
804	AEM35-A11	98040	2	20	<1	2	<1	680	<10	1.8	<0.5	4	<1	<5	<1	<5
805	AEM35-A10	98041	9	20	<1	9	<1	260	<10	5.5	<0.5	2	<1	28	2	8
806	AEM35-A9	98042	12	20	<1	12	<1	280	<10	8.2	<0.5	<1	<1	35	2	28
807	AEM35-A8*	98043	<1	7	<1	1	<1	520	<10	<0.5	<0.5	2	<1	25	3	<5
808	AEM35-A7	98044	9	97	<1	8	<1	250	<10	8.2	<0.5	9	<1	19	1	9
809	AEM35-A6	98045	38	67	<1	30	<1	200	<10	16.9	0.6	14	<1	51	3	14
810	AEM35-A5	98046	52	82	<1	41	<1	320	<10	28.2	<0.5	14	1	93	6	29

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
811	AEM35-A4	98047	82	115	<1	69	2	200	<10	99.1	0.9	21	3	153	13	110
812	AEM35-A3	98048	8	123	<1	8	<1	40	<10	16.6	<0.5	7	<1	38	4	29
813	AEM33-A1	98049	16	69	<1	13	<1	<10	<10	17.6	<0.5	6	<1	32	3	35
814	AEM33-A2	98050	17	72	<1	16	<1	20	<10	28.3	<0.5	6	<1	41	4	51
815	AEM33-A3	98051	13	99	<1	11	<1	60	<10	14.1	<0.5	4	2	34	3	31
816	AEM33-A4	98052	73	137	<1	66	<1	40	<10	21.4	<0.5	8	<1	148	10	25
817	AEM33-A5	98053	23	129	<1	21	<1	10	<10	14.8	<0.5	5	<1	58	5	30
818	AEM33-A6	98054	35	121	<1	31	<1	<10	<10	12.8	<0.5	7	<1	82	6	32
819	AEM33-A7	98055	20	103	<1	18	<1	30	<10	10.4	<0.5	6	<1	53	4	23
820	AEM33-A8*	98056	18	144	<1	17	<1	30	<10	21.3	<0.5	5	<1	53	5	45
821	AEM33-A9	98057	39	110	<1	36	<1	<10	<10	14.1	<0.5	6	<1	98	8	23
822	AEM33-A10	98058	22	122	<1	18	<1	10	<10	14	<0.5	4	<1	52	4	21
823	AEM33-A11	98059	23	105	<1	23	<1	30	<10	9.1	<0.5	4	<1	65	5	10
824	AEM33-A12	98060	27	141	<1	27	<1	170	<10	11.7	<0.5	5	<1	73	6	19
825	AEM33-A13	98061	7	186	<1	6	<1	100	<10	11.7	<0.5	3	<1	22	2	36
826	AEM33-A14	98062	18	162	<1	19	<1	220	<10	15.6	<0.5	5	<1	59	5	27
827	AEM33-B14	98063	42	75	<1	33	<1	50	<10	51.2	0.6	8	<1	77	6	81
828	AEM33-B13	98064	54	66	<1	51	<1	10	<10	9	<0.5	6	<1	126	9	16
829	AEM33-B12	98065	24	113	<1	21	<1	20	<10	12.7	<0.5	5	<1	51	4	28
830	AEM33-B11	98066	32	122	<1	25	<1	<10	<10	10.3	<0.5	5	<1	74	6	21
831	AEM33-B10	98067	46	92	<1	42	<1	<10	<10	18.2	<0.5	5	<1	104	8	29
832	AEM33-B9	98068	37	104	<1	32	<1	<10	<10	15.4	<0.5	6	<1	84	7	26
833	AEM33-B8*	98069	29	72	<1	25	<1	<10	<10	16.5	<0.5	6	<1	65	5	28
834	AEM33-B7	98070	41	106	<1	36	<1	20	<10	29.8	<0.5	7	<1	84	7	38
835	AEM33-B6	98071	28	113	<1	24	<1	<10	<10	12	<0.5	5	<1	64	5	23
836	AEM33-B5	98072	72	79	<1	60	<1	<10	<10	5.5	<0.5	4	<1	153	10	10
837	AEM33-B4	98073	30	87	<1	25	<1	30	<10	8.3	<0.5	4	<1	66	5	14
838	AEM33-B3	98074	24	89	<1	20	<1	<10	<10	24.1	<0.5	6	<1	57	5	49
839	AEM33-B2	98075	56	79	<1	43	<1	<10	<10	31.9	<0.5	8	<1	99	7	44
840	AEM33-B1	98076	20	105	<1	18	<1	<10	<10	36.2	<0.5	7	<1	46	4	51
841	AEM33-C1	98077	26	109	<1	22	<1	20	<10	24.8	<0.5	6	<1	59	5	36
842	AEM33-C2	98078	16	230	<1	16	<1	40	<10	34.3	0.6	8	<1	52	5	64
843	AEM33-C3	98079	24	128	<1	21	<1	<10	<10	15.1	<0.5	5	<1	60	5	33
844	AEM33-C4	98080	21	91	<1	18	<1	20	<10	18.5	<0.5	5	<1	47	4	34
845	AEM33-C5	98081	36	88	<1	30	<1	20	<10	14.5	<0.5	6	<1	79	6	27
846	AEM33-C6	98082	43	95	<1	32	<1	<10	<10	14.4	<0.5	7	<1	73	5	22
847	AEM33-C7	98083	25	87	<1	22	<1	<10	<10	24.1	<0.5	8	<1	55	5	29
848	AEM33-C8*	98084	26	99	<1	19	<1	40	<10	18.8	<0.5	6	<1	53	4	32
849	AEM33-C9	98085	35	92	<1	28	<1	<10	<10	18.6	<0.5	6	<1	74	6	28
850	AEM33-C10	98086	29	97	<1	24	<1	90	<10	22.1	<0.5	6	<1	61	5	33
851	AEM33-C11	98087	16	154	1	15	<1	50	<10	27.6	0.8	8	<1	51	4	55
852	AEM33-C12	98088	17	125	<1	15	<1	20	<10	8.9	<0.5	4	<1	40	3	14
853	AEM33-C13	98089	98	101	<1	80	<1	<10	<10	5.4	<0.5	6	<1	204	13	9
854	AEM33-C14	98090	32	91	<1	34	<1	<10	<10	9.5	<0.5	7	<1	91	8	13
855	AEM35-B1	98091	5	71	<1	3	<1	280	<10	6.1	<0.5	2	<1	9	<1	6

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
856	AEM35-B2	98092	15	67	<1	11	<1	410	<10	8	<0.5	3	<1	25	1	8
857	AEM35-B3	98093	5	15	<1	3	<1	630	<10	8.7	<0.5	5	<1	9	<1	5
858	AEM35-B4	98094	7	6	<1	10	<1	610	<10	2.2	<0.5	21	<1	122	13	<5
859	AEM35-B5	98095	4	<5	<1	5	<1	460	<10	0.5	<0.5	2	<1	38	4	<5
860	AEM35-B6	98096	7	<5	<1	7	<1	510	<10	1.1	<0.5	3	<1	67	5	<5
861	AEM35-B7	98097	15	20	<1	16	<1	430	<10	2.8	<0.5	7	<1	98	7	<5
862	AEM35-B8*	98098	6	17	<1	5	<1	700	<10	2.7	<0.5	4	<1	12	<1	<5
863	AEM35-B9	98099	8	19	<1	11	<1	350	<10	3.7	<0.5	3	<1	77	8	<5
864	AEM35-B10	98100	6	47	<1	4	<1	340	<10	4.6	<0.5	3	<1	11	<1	<5
865	AEM35-B11	98101	8	11	<1	6	<1	680	<10	1	<0.5	8	<1	37	3	<5
866	AEM35-B12	98102	28	65	<1	21	<1	360	<10	18.4	<0.5	11	<1	51	3	16
867	AEM34-A1	98103	17	58	<1	13	2	170	<10	16.6	0.6	6	<1	40	3	54
868	AEM34-A2	98104	7	25	<1	6	<1	<10	<10	5.4	<0.5	3	<1	36	3	14
869	AEM34-A3	98105	51	78	<1	44	<1	<10	<10	5	<0.5	6	<1	134	8	9
870	AEM34-A4	98106	13	90	<1	11	<1	<10	<10	2.9	<0.5	2	<1	40	3	6
871	AEM34-A5	98107	34	82	<1	34	<1	<10	<10	6.5	<0.5	6	<1	70	6	9
872	AEM34-A6	98108	39	83	<1	32	<1	<10	<10	4.5	<0.5	4	<1	109	7	8
873	AEM34-A7	98109	37	126	<1	29	<1	<10	<10	2.8	<0.5	4	<1	94	5	6
874	AEM34-A8*	98110	45	92	<1	34	<1	<10	<10	6.7	<0.5	5	<1	114	7	18
875	AEM34-A10	98111	143	37	<1	103	<1	<10	<10	5.5	<0.5	8	<1	245	12	9
876	AEM34-A11	98112	25	161	<1	18	<1	<10	<10	7.4	<0.5	4	<1	60	4	20
877	AEM34-A12	98113	12	104	1	11	3	50	<10	14.6	0.7	5	<1	38	3	53
878	AEM34-A13	98114	27	148	<1	22	<1	<10	<10	9.3	<0.5	4	<1	69	5	20
879	AEM34-A14	98115	39	134	<1	32	<1	<10	<10	4	<0.5	4	<1	88	8	11
880	AEM28-C1	98116	2	16	<1	3	<1	280	<10	0.6	<0.5	<1	<1	17	2	<5
881	AEM28-C2	98117	2	<5	<1	3	<1	240	<10	0.5	<0.5	<1	<1	18	2	<5
882	AEM28-C3	98118	5	9	<1	4	<1	160	<10	4.6	<0.5	1	<1	21	2	10
883	AEM28-C4	98119	7	12	<1	7	<1	150	<10	9.7	<0.5	2	<1	40	4	11
884	AEM28-C5	98120	5	10	<1	7	<1	360	<10	9.7	<0.5	35	<1	110	10	11
885	AEM28-C6	98121	5	<5	<1	5	<1	290	<10	6.4	<0.5	12	<1	39	4	8
886	AEM28-C7	98122	9	<5	<1	10	<1	190	<10	2.3	<0.5	3	<1	53	5	<5
887	AEM28-C8*	98123	4	<5	<1	4	<1	250	<10	2	<0.5	5	<1	29	3	<5
888	AEM28-C9	98124	5	<5	<1	6	<1	270	<10	1.1	<0.5	2	<1	34	3	<5
889	AEM28-C10	98125	3	5	<1	3	<1	300	<10	<0.5	<0.5	2	<1	20	2	<5
890	AEM28-C11	98126	2	<5	<1	2	<1	300	<10	<0.5	<0.5	<1	<1	18	2	<5
891	AEM28-C12	98127	2	<5	<1	3	<1	300	<10	<0.5	<0.5	<1	<1	23	2	<5
892	AEM28-C13	98128	1	<5	<1	2	<1	290	<10	<0.5	<0.5	<1	<1	15	1	<5
893	AEM28-C14	98129	2	<5	<1	3	<1	310	<10	<0.5	<0.5	<1	<1	22	2	<5
894	AEM28-A14	98130	5	51	<1	11	<1	810	<10	6.7	<0.5	8	<1	46	3	14
895	AEM28-A13	98131	1	39	<1	6	<1	770	<10	2.7	<0.5	2	<1	51	4	11
896	AEM28-A12	98132	2	49	<1	6	<1	760	<10	5.5	<0.5	5	<1	45	3	11
897	AEM28-A11	98133	2	70	<1	6	<1	850	<10	3.5	<0.5	9	<1	39	3	7
898	AEM28-A10	98134	10	47	<1	17	<1	650	<10	8.8	<0.5	18	<1	70	4	14
899	AEM28-A9	98135	2	21	<1	7	<1	750	<10	5.9	<0.5	4	<1	55	4	10
900	AEM28-A8*	98136	21	33	<1	24	<1	800	<10	23.4	<0.5	24	<1	103	7	25

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
901	AEM28-A7	98137	3	33	<1	8	<1	540	<10	3.7	<0.5	3	<1	43	2	9
902	AEM28-A6	98138	6	46	<1	12	<1	540	<10	7.4	<0.5	6	<1	69	4	14
903	AEM28-A5	98139	15	47	<1	17	<1	650	<10	15.1	<0.5	20	<1	65	4	21
904	AEM28-A4	98140	18	69	<1	20	<1	860	<10	21	<0.5	36	<1	90	6	13
905	AEM28-A3	98141	3	39	<1	6	<1	580	<10	3	<0.5	1	<1	44	3	10
906	AEM28-A2	98142	2	40	<1	5	<1	720	<10	3.6	<0.5	2	<1	64	6	12
907	AEM28-A1	98143	<1	26	<1	1	<1	980	<10	1.6	<0.5	5	<1	30	6	<5
908	AEM28-B1	98144	3	<5	<1	3	<1	300	<10	0.9	<0.5	<1	<1	18	2	<5
909	AEM28-B2	98145	5	7	<1	5	<1	510	<10	1.1	<0.5	209	<1	121	15	<5
910	AEM28-B3	98146	8	19	<1	10	<1	690	<10	7.4	<0.5	13	<1	51	3	23
911	AEM28-B4	98147	7	15	<1	10	<1	650	<10	3.4	<0.5	6	<1	50	3	15
912	AEM28-B5	98148	24	15	<1	23	<1	780	<10	26.8	<0.5	9	<1	93	7	47
913	AEM28-B6	98149	4	63	<1	7	<1	1090	<10	9.5	<0.5	4	<1	66	8	12
914	AEM28-B7	98150	9	55	<1	18	<1	760	<10	17.6	0.5	10	<1	106	8	34
915	AEM28-B8*	98151	7	43	<1	14	<1	740	<10	15.7	<0.5	13	<1	81	5	29
916	AEM28-B9	98152	<1	40	<1	4	<1	1160	<10	2.1	<0.5	4	<1	49	4	6
917	AEM28-B10	98153	4	44	<1	7	<1	450	<10	7.8	<0.5	4	<1	47	3	21
918	AEM28-B11	98154	2	42	<1	3	<1	570	<10	0.5	<0.5	11	<1	31	4	<5
919	AEM28-B12	98155	8	14	<1	10	<1	490	<10	8.7	<0.5	3	<1	59	4	23
920	AEM28-B13	98156	3	37	<1	8	<1	840	<10	3.4	<0.5	2	<1	68	4	10
921	AEM28-B14	98157	54	79	<1	62	<1	1360	<10	41.1	<0.5	18	<1	331	29	29
922	AEM27-A1	98158	<1	22	<1	<1	<1	1310	<10	<0.5	<0.5	3	<1	30	5	<5
923	AEM27-A2	98159	20	88	<1	25	<1	970	<10	18.8	<0.5	23	<1	128	9	17
924	AEM27-A3	98160	35	74	<1	31	<1	680	<10	21.4	<0.5	39	<1	177	15	33
925	AEM27-A4	98161	24	13	<1	23	<1	750	<10	10	<0.5	80	<1	142	10	14
926	AEM27-A5	98162	4	46	<1	8	<1	600	<10	3.4	<0.5	4	<1	51	3	9
927	AEM27-A6	98163	9	48	<1	10	<1	890	<10	9.6	<0.5	6	<1	55	6	7
928	AEM27-A7	98164	26	74	<1	25	<1	760	<10	25.4	<0.5	20	<1	97	7	26
929	AEM27-A8*	98165	26	91	<1	27	<1	820	<10	19.7	<0.5	25	<1	106	7	18
930	AEM27-A9	98166	5	22	<1	8	<1	620	<10	4.1	<0.5	6	<1	41	2	11
931	AEM27-A10	98167	2	31	<1	5	<1	760	<10	5.3	<0.5	7	<1	52	4	14
932	AEM27-A11	98168	4	30	<1	8	<1	550	<10	3.8	<0.5	2	<1	40	2	11
933	AEM27-A12	98169	42	77	<1	36	<1	470	<10	34.9	<0.5	38	<1	123	7	31
934	AEM27-A13	98170	4	37	<1	6	<1	590	<10	2.9	<0.5	1	<1	37	2	11
935	AEM27-A14	98171	12	34	<1	12	<1	660	<10	9.5	<0.5	5	<1	50	3	17
936	AEM27-B14	98172	5	28	<1	7	<1	470	<10	1.9	<0.5	2	<1	29	2	11
937	AEM27-B13	98173	2	18	<1	6	<1	990	<10	5.2	<0.5	22	<1	41	4	11
938	AEM27-B12	98174	57	59	<1	46	<1	610	<10	49.3	<0.5	34	<1	163	10	29
939	AEM27-B11	98175	16	80	<1	21	<1	650	<10	13.5	<0.5	14	<1	87	5	16
940	AEM27-B10	98176	5	44	<1	11	<1	690	<10	5.4	<0.5	5	<1	56	3	10
941	AEM27-B9	98177	6	54	<1	13	1	540	<10	4	<0.5	7	<1	74	4	7
942	AEM27-B8*	98178	5	53	<1	11	<1	600	<10	4.5	<0.5	4	<1	79	5	9
943	AEM27-B7	98179	15	82	<1	20	<1	560	<10	12.1	<0.5	10	<1	86	5	14
944	AEM27-B6	98180	4	38	<1	7	<1	690	<10	4.8	<0.5	10	<1	48	3	9
945	AEM27-B5	98181	2	24	<1	6	<1	890	<10	2.7	<0.5	9	<1	41	3	8

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
946	AEM27-B4	98182	17	13	<1	20	<1	1170	<10	18.1	<0.5	14	<1	115	10	15
947	AEM27-B3	98183	1	<5	<1	<1	<1	530	<10	0.7	<0.5	5	<1	13	2	<5
948	AEM27-B2	98184	<1	8	<1	<1	<1	340	<10	<0.5	<0.5	7	<1	<5	1	<5
949	AEM27-B1	98185	2	<5	<1	2	<1	490	<10	0.7	<0.5	5	<1	22	2	<5
950	AEM32-A13	98186	29	<5	<1	20	<1	900	<10	4.7	<0.5	50	<1	96	7	28
951	AEM32-A12	98187	23	9	<1	19	<1	740	<10	6.4	<0.5	134	<1	104	8	37
952	AEM32-A11	98188	20	14	<1	15	<1	730	<10	4.4	<0.5	90	<1	73	5	28
953	AEM32-A10	98189	16	10	<1	16	<1	750	<10	2.8	<0.5	59	<1	93	7	17
954	AEM32-A9	98190	13	8	<1	12	<1	720	<10	3.5	<0.5	32	<1	73	6	25
955	AEM32-A8*	98191	13	13	<1	13	<1	780	<10	3.6	<0.5	123	<1	89	6	23
956	AEM32-A7	98192	14	18	<1	13	<1	750	<10	3.5	<0.5	125	<1	85	7	23
957	AEM32-A6	98193	11	8	<1	10	<1	830	<10	2.2	<0.5	27	<1	55	4	15
958	AEM32-A5	98194	7	54	<1	4	<1	820	<10	2.4	0.9	9	<1	16	1	13
959	AEM32-A4	98195	9	24	<1	7	<1	890	<10	3.1	<0.5	28	<1	40	3	16
960	AEM32-A3	98196	15	16	<1	18	<1	1010	<10	2.2	<0.5	35	<1	109	7	13
961	AEM32-A2	98197	13	8	<1	14	<1	930	<10	2.2	<0.5	22	<1	79	5	13
962	AEM32-A1	98198	48	138	<1	50	<1	1020	<10	62.6	<0.5	107	<1	174	11	53
963	AEM32-B14	98199	38	21	<1	37	<1	630	<10	31	<0.5	90	<1	206	16	41
964	AEM32-B13	98200	5	17	<1	10	<1	630	<10	6.2	<0.5	8	<1	56	3	21
965	AEM32-B12	98201	7	26	<1	12	<1	620	<10	10.9	<0.5	25	<1	82	6	31
966	AEM32-B11	98202	8	41	<1	14	<1	540	<10	11.6	<0.5	11	<1	81	5	36
967	AEM32-B10	98203	7	42	<1	10	<1	580	<10	6.5	<0.5	12	<1	61	4	28
968	AEM32-B9	98204	4	41	<1	7	<1	810	<10	7.9	<0.5	14	<1	61	5	11
969	AEM32-B8*	98205	4	39	<1	8	<1	600	<10	8.3	<0.5	12	<1	56	4	21
970	AEM32-B7	98206	4	19	<1	7	<1	500	<10	5.1	<0.5	6	<1	50	3	13
971	AEM32-B6	98207	8	53	<1	14	<1	720	<10	19.5	<0.5	22	<1	92	8	46
972	AEM32-B5	98208	6	42	<1	11	<1	650	<10	9.1	<0.5	14	<1	70	5	17
973	AEM32-B4	98209	4	30	<1	9	<1	730	<10	4.4	<0.5	3	<1	59	4	14
974	AEM32-B3	98210	3	49	<1	7	<1	870	<10	4.2	<0.5	1	<1	55	4	10
975	AEM32-B2	98211	22	69	<1	20	<1	810	<10	37.3	<0.5	25	<1	88	7	32
976	AEM32-B1	98212	3	31	<1	6	<1	890	<10	3.6	<0.5	1	<1	47	4	11
977	AEM40-A1	98213	25	80	<1	22	<1	60	<10	21.4	0.8	12	1	91	7	54
978	AEM40-A2	98214	12	122	<1	12	2	30	<10	21.3	<0.5	7	1	84	9	50
979	AEM40-A3	98215	44	94	<1	28	2	120	<10	21.8	0.6	11	1	70	5	61
980	AEM40-A4	98216	22	106	<1	26	<1	<10	<10	10.1	<0.5	9	<1	89	7	19
981	AEM40-A5	98217	64	86	<1	45	<1	90	<10	38.3	1.6	14	1	95	7	86
982	AEM40-A6	98218	33	117	<1	28	3	30	<10	13.5	0.7	8	2	85	6	50
983	AEM40-A7	98219	48	212	<1	39	<1	20	<10	22.4	0.7	9	<1	96	6	46
984	AEM40-A8*	98220	38	154	<1	32	<1	90	<10	23.3	0.6	8	<1	79	5	45
985	AEM40-A9	98221	39	50	<1	39	1	220	<10	13.9	0.6	9	<1	207	13	44
986	AEM40-A10	98222	38	146	1	28	15	80	<10	30.8	1.4	12	5	70	6	178
987	AEM40-A11	98223	66	58	<1	65	<1	60	<10	36.9	0.6	15	1	189	14	60
988	AEM40-A12	98224	24	57	<1	20	<1	390	<10	11.7	<0.5	8	<1	57	4	19
989	AEM40-A13	98225	108	40	<1	76	<1	130	<10	32.9	0.7	29	<1	234	16	75
990	AEM40-A14	98226	34	77	<1	34	<1	330	<10	14.6	0.8	19	<1	117	7	38

2005, MMI sample results

	Sample ID	Sample No	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zr MMI-M5 5 PPB
991	AEM29-A15	98227	46	119	<1	41	<1	10	<10	5.6	0.6	6	<1	115	7	16
992	AEM29-A16	98228	35	91	<1	33	<1	60	<10	3.8	<0.5	5	<1	96	6	9
993	AEM29-A17	98229	30	94	<1	29	<1	40	<10	6.4	<0.5	7	<1	81	6	14
994	AEM29-A18*	98230	29	102	<1	25	<1	**<10**	<10	5.1	<0.5	4	<1	74	5	8
995	AEM29-A19	98231	**56**	109	<1	**52**	<1	**<10**	<10	6.3	<0.5	7	<1	138	9	14
996	AEM29-A20	98232	**51**	94	<1	47	<1	40	<10	7.2	<0.5	6	<1	131	8	12
997	AEM29-A21	98233	29	127	<1	27	<1	20	<10	5.2	<0.5	5	<1	77	6	11
998	AEM29-A22	98234	35	136	<1	34	<1	180	<10	7	<0.5	5	<1	92	5	12
999	AEM29-A23	98235	45	116	<1	36	<1	**<10**	<10	19.2	<0.5	7	<1	95	7	43
1000	AEM25-C1	98236	6	47	<1	13	<1	540	<10	6.7	<0.5	2	<1	99	6	15
1001	AEM25-C2	98237	**107**	92	<1	**125**	<1	**1590**	<10	17.2	<0.5	10	1	**1150**	**156**	24
1002	AEM25-C3	98238	**96**	170	<1	**81**	<1	490	<10	**54.3**	<0.5	13	<1	**253**	18	**70**
1003	AEM25-C4	98239	**52**	185	<1	45	<1	460	<10	**40.7**	0.6	6	<1	191	12	**57**
1004	AEM25-C5	98240	43	142	<1	48	<1	**970**	<10	**45.8**	<0.5	20	<1	**297**	**31**	**87**
1005	AEM25-C6	98241	**81**	151	<1	**90**	<1	**960**	<10	**54**	<0.5	18	<1	**583**	**51**	**83**
1006	AEM25-C7	98242	7	54	<1	11	<1	480	<10	6.9	<0.5	2	<1	62	4	17
1007	AEM25-C8*	98243	17	82	<1	19	<1	550	<10	17.4	<0.5	5	<1	89	6	22
1008	AEM25-C9	98244	4	37	<1	7	<1	370	<10	3.4	<0.5	1	<1	31	2	12
1009	AEM25-C10	98245	15	66	<1	21	<1	530	<10	13.6	<0.5	7	<1	113	9	22
1010	AEM25-C11	98246	28	55	<1	27	<1	390	<10	16.8	<0.5	**304**	<1	183	13	40
1011	AEM25-C12	98247	29	25	<1	29	<1	450	<10	**33**	<0.5	8	<1	107	7	37
1012	AEM25-C13	98248	8	<5	<1	9	<1	270	<10	2.7	<0.5	35	<1	73	6	6
1013	AEM25-C14	98249	6	6	<1	7	<1	210	<10	2.8	<0.5	12	<1	53	5	7

AEM32-A10	**Organic sample**
AEM32-B8*	**Duplicate sample**

APPENDIX 4

Assay Certificates

SGS

Final : 084953

Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
54501	17	<10	<0.1	810	<1	305.988	<10	206	22	120
54502	24	<10	<0.1	760	<1	237.771	10	117	31	80
54503	21	10	0.2	630	<1	360.887	<10	517	14	190
54504	14	<10	<0.1	770	<1	374.173	<10	203	10	90
54505	14	<10	<0.1	700	<1	404.239	10	66	18	120
54506	7	<10	<0.1	600	<1	90.087	10	653	14	80
54507	5	<10	<0.1	600	<1	318.886	20	125	27	60
54508	4	<10	<0.1	510	<1	180.156	<10	500	23	60
54509	10	<10	<0.1	400	<1	316.385	30	78	30	80
54510	20	<10	<0.1	480	<1	433.458	<10	100	6	190
54511	6	<10	<0.1	420	<1	270.539	<10	220	21	130
54512	5	<10	<0.1	1090	<1	297.637	110	323	21	90
54513	6	<10	<0.1	880	<1	592.359	40	16	14	100
54514	12	<10	0.6	670	<1	465.587	<10	135	36	410
54515	5	<10	0.3	680	<1	361.283	<10	32	11	190
54516	13	<10	0.5	730	<1	481.891	10	141	7	630
54517	5	<10	0.5	720	<1	367.762	<10	23	<5	280
54518	26	<10	0.3	720	<1	474.308	<10	55	7	480
54519	26	<10	0.3	590	<1	631.52	<10	9	6	530
54520	29	<10	0.2	620	<1	542.996	<10	85	12	380
54521	31	<10	0.3	780	<1	538.262	<10	29	21	580
54522	22	<10	0.4	580	<1	463.943	<10	29	6	520
54523	12	<10	0.5	550	<1	536.014	<10	126	<5	300
54524	12	<10	0.4	590	<1	461.68	<10	33	8	720
54525	6	<10	0.5	560	<1	380.674	<10	77	<5	260
54526	7	<10	0.3	550	<1	484.932	<10	116	60	780
54527	6	<10	0.5	630	<1	409.858	<10	13	<5	220
54528	6	<10	0.3	540	<1	384.852	<10	48	<5	220
54529	7	<10	0.4	560	<1	457.76	<10	31	<5	270
54530	6	<10	2.0	570	<1	401.643	<10	25	<5	290
54531	14	<10	0.2	540	<1	552.242	<10	53	9	310
54532	7	<10	0.8	780	<1	411.526	<10	18	<5	280
54533	8	<10	0.4	600	<1	457.986	<10	28	6	300
54534	14	<10	0.4	870	<1	470.541	<10	145	<5	370
54535	5	<10	0.3	590	<1	395.296	<10	24	<5	250
54536	11	<10	0.6	710	<1	488.651	<10	46	<5	350
54537	8	<10	<0.1	520	<1	504.548	20	354	10	520
54538	13	<10	0.3	600	<1	524.916	10	246	27	1510
54539	5	<10	<0.1	380	<1	557.775	40	147	9	200
54540	9	<10	0.3	630	<1	425.291	<10	122	19	610
*Dup 54501	18	<10	<0.1	600	<1	293.202	<10	195	23	130
*Dup 54513	6	<10	<0.1	730	<1	526.573	40	30	16	90
*Dup 54525	7	<10	0.5	490	<1	389.571	<10	64	<5	280
*Dup 54537	8	<10	<0.1	420	<1	495.341	20	304	10	450

SGS

Final : 084953

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54501	24	12.5	6.7	32	71	57	<5	2.8	119	77
54502	17	9.9	3.4	15	31	45	<5	2.7	48	72
54503	217	112	61.0	293	726	71	<5	1.6	1050	63
54504	27	11.3	8.5	39	83	61	<5	1.2	148	75
54505	16	7.2	4.7	22	44	72	<5	0.7	76	69
54506	100	45.5	23.2	108	189	26	<5	4.0	386	50
54507	13	6.0	4.4	19	46	53	<5	2.7	73	74
54508	46	20.6	15.0	66	200	24	<5	5.8	284	53
54509	7	3.1	2.2	9	26	37	5	2.6	36	63
54510	27	11.8	8.5	41	68	102	<5	<0.5	137	107
54511	17	7.5	6.0	26	83	57	<5	1.0	123	57
54512	86	51.0	14.7	72	118	81	<5	0.8	229	290
54513	23	21.6	1.6	12	7	42	<5	<0.5	12	281
54514	19	8.9	5.6	27	38	139	<5	<0.5	82	102
54515	8	3.7	2.4	13	13	84	<5	<0.5	34	29
54516	24	10.4	7.9	38	38	116	<5	<0.5	101	153
54517	11	5.0	3.9	19	18	78	<5	<0.5	52	35
54518	19	8.8	5.2	28	16	131	<5	<0.5	54	81
54519	15	9.1	2.6	15	12	137	<5	<0.5	28	105
54520	40	19.1	11.3	58	75	147	<5	<0.5	164	99
54521	18	9.0	4.3	24	21	139	<5	<0.5	54	89
54522	19	9.1	5.0	26	18	134	<5	<0.5	54	51
54523	20	8.6	5.7	29	25	123	<5	<0.5	68	57
54524	22	10.0	6.3	33	24	110	<5	<0.5	74	72
54525	11	4.9	3.5	17	17	92	<5	<0.5	47	26
54526	20	10.2	5.1	27	36	118	<5	<0.5	79	165
54527	10	4.8	2.8	15	11	109	<5	<0.5	33	24
54528	12	5.4	4.0	20	18	116	<5	<0.5	51	30
54529	15	8.0	3.3	19	9	132	<5	<0.5	31	29
54530	10	5.4	2.6	14	10	106	<5	<0.5	28	28
54531	22	11.0	6.1	31	36	143	<5	<0.5	84	74
54532	11	5.4	2.9	16	10	120	<5	<0.5	33	31
54533	15	8.2	3.6	20	12	139	<5	<0.5	37	29
54534	27	12.2	7.2	37	38	129	<5	<0.5	92	37
54535	10	4.7	2.8	15	12	103	<5	<0.5	34	24
54536	19	8.9	5.7	29	27	121	<5	<0.5	69	43
54537	53	28.0	14.3	68	136	93	<5	<0.5	234	149
54538	19	10.2	6.0	28	81	106	<5	0.9	130	89
54539	29	17.5	6.2	31	54	102	<5	<0.5	93	167
54540	17	8.3	5.5	26	39	112	<5	<0.5	84	59
*Dup 54501	23	12.0	6.4	29	65	54	<5	2.7	107	80
*Dup 54513	25	22.9	2.1	13	12	45	<5	<0.5	21	256
*Dup 54525	11	5.0	3.5	18	15	96	<5	<0.5	42	33
*Dup 54537	50	25.7	12.7	62	116	89	<5	<0.5	202	160

SGS

Final : 084953

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54501	310	<1	24	230	<1	29	<1	410	<10	23.6
54502	360	<1	10	183	<1	12	<1	510	<10	14.2
54503	130	<1	221	212	<1	251	<1	390	<10	61.3
54504	70	<1	30	257	<1	36	<1	310	<10	20.1
54505	70	<1	15	300	<1	19	<1	340	<10	11.2
54506	210	<1	76	177	<1	95	<1	170	<10	84.9
54507	380	<1	15	179	<1	18	<1	330	<10	11.8
54508	190	<1	62	213	<1	64	<1	190	<10	43.0
54509	110	<1	8	325	<1	8	<1	260	<10	8.5
54510	30	<1	27	111	<1	36	<1	380	<10	15.7
54511	80	<1	27	114	<1	26	<1	190	<10	19.4
54512	280	<1	47	248	<1	58	<1	510	<10	29.7
54513	160	<1	2	257	<1	5	<1	740	<10	0.8
54514	130	<1	15	34	<1	22	<1	500	<10	9.5
54515	280	<1	6	8	<1	10	<1	460	<10	3.0
54516	190	<1	17	27	<1	31	<1	520	<10	9.6
54517	110	<1	8	5	<1	15	<1	410	<10	3.0
54518	170	<1	8	32	<1	20	<1	510	<10	3.1
54519	40	<1	5	102	<1	9	<1	560	<10	2.7
54520	70	<1	30	131	<1	46	<1	520	<10	18.0
54521	50	<1	9	89	<1	17	<1	540	<10	3.5
54522	80	<1	9	55	<1	18	<1	440	<10	3.8
54523	80	<1	11	49	<1	22	<1	500	<10	6.4
54524	140	<1	11	12	<1	24	<1	640	<10	4.2
54525	80	<1	8	<5	<1	14	<1	420	<10	3.3
54526	140	<1	15	11	<1	21	<1	670	<10	14.4
54527	40	<1	5	15	<1	11	<1	740	<10	2.1
54528	50	<1	8	6	<1	16	<1	540	<10	3.0
54529	60	<1	5	13	<1	12	<1	570	<10	3.2
54530	70	<1	4	6	<1	9	<1	660	<10	3.1
54531	90	<1	15	72	<1	24	<1	810	<10	12.9
54532	60	<1	5	19	<1	11	<1	570	<10	2.1
54533	70	<1	6	14	<1	13	<1	700	<10	4.5
54534	110	<1	16	32	<1	28	<1	630	<10	5.9
54535	50	<1	5	9	<1	11	<1	620	<10	2.8
54536	60	<1	12	32	<1	22	<1	1000	<10	5.3
54537	260	<1	49	43	<1	59	<1	570	<10	16.3
54538	200	<1	29	23	<1	26	<1	670	<10	19.7
54539	160	<1	19	25	<1	24	<1	640	<10	7.9
54540	70	<1	15	28	<1	22	<1	560	<10	9.4
Dup 54501	310	<1	22	217	<1	26	<1	370	<10	20.7
*Dup 54513	130	<1	4	237	<1	7	<1	700	<10	1.9
Dup 54525	90	<1	7	5	<1	14	<1	400	<10	3.4
Dup 54537	220	<1	42	41	<1	51	<1	540	<10	14.0

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Final : 084953

Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54501	646	<0.5	7	<1	99	9	140	52
54502	764	<0.5	5	<1	78	7	40	31
54503	270	<0.5	20	<1	1070	79	70	120
54504	225	<0.5	12	<1	95	7	20	29
54505	71	<0.5	8	<1	59	5	110	17
54506	861	<0.5	13	<1	349	31	20	122
54507	715	<0.5	5	<1	47	4	250	30
54508	1680	<0.5	8	<1	172	14	60	94
54509	666	<0.5	4	<1	24	2	200	23
54510	12	<0.5	31	<1	114	8	50	17
54511	149	<0.5	22	<1	68	6	20	31
54512	86	<0.5	24	<1	420	39	1650	36
54513	<3	<0.5	3	<1	106	19	80	<5
54514	<3	<0.5	9	<1	82	6	20	12
54515	<3	<0.5	4	<1	39	3	30	11
54516	<3	<0.5	7	<1	102	8	30	21
54517	<3	<0.5	1	<1	55	4	<20	13
54518	<3	<0.5	2	<1	83	6	<20	9
54519	<3	<0.5	5	<1	60	7	20	<5
54520	<3	<0.5	10	<1	172	13	<20	19
54521	<3	<0.5	5	<1	77	6	30	<5
54522	<3	<0.5	3	<1	84	6	20	10
54523	<3	<0.5	12	<1	82	6	30	13
54524	<3	<0.5	4	<1	101	7	30	15
54525	<3	<0.5	2	<1	55	4	<20	18
54526	<3	<0.5	8	<1	88	8	30	26
54527	<3	<0.5	2	<1	51	4	30	8
54528	<3	<0.5	1	<1	58	4	<20	12
54529	<3	<0.5	1	<1	69	6	20	10
54530	<3	<0.5	2	<1	49	4	<20	14
54531	<3	<0.5	22	<1	90	8	<20	12
54532	<3	<0.5	4	<1	54	4	<20	10
54533	<3	<0.5	3	<1	71	6	<20	14
54534	<3	<0.5	4	<1	109	8	30	13
54535	<3	<0.5	3	<1	49	3	<20	15
54536	<3	<0.5	17	<1	82	6	20	9
54537	15	<0.5	132	<1	248	21	20	48
54538	9	<0.5	31	<1	87	9	20	25
54539	22	<0.5	683	<1	141	13	50	24
54540	48	<0.5	7	<1	76	6	30	31
*Dup 54501	680	<0.5	7	<1	93	9	150	47
*Dup 54513	<3	<0.5	5	<1	116	20	100	<5
*Dup 54525	4	<0.5	3	<1	55	4	30	14
*Dup 54537	14	<0.5	144	<1	230	19	30	45

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Final : 085092

Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54541	12	<10	0.4	740	<1	460.629	<10	117	8	370
54542	16	<10	0.4	890	<1	529.049	<10	70	6	240
54543	<1	<10	<0.1	270	<1	499.118	20	7	21	50
54544	<1	<10	<0.1	220	<1	521.116	30	6	21	90
54545	14	<10	0.3	520	<1	440.054	10	647	101	1750
54546	5	<10	0.5	570	<1	391.935	<10	20	<5	320
54547	7	<10	0.6	630	<1	444.924	<10	42	<5	320
54548	17	<10	0.5	610	<1	506.73	<10	92	33	450
54549	6	<10	0.6	600	<1	391.556	<10	25	<5	230
54550	35	<10	0.2	650	<1	537.424	<10	50	17	670
54551	8	<10	0.5	670	<1	452.278	<10	71	<5	240
54552	7	<10	0.5	610	<1	460.11	<10	66	22	390
54553	25	<10	0.3	610	<1	525.004	<10	323	33	510
54554	20	<10	0.3	820	<1	552.5	<10	135	22	420
54555	7	<10	0.4	740	<1	437.492	<10	65	<5	230
54556	4	<10	0.3	1090	<1	523.445	<10	29	26	230
54557	18	<10	0.4	620	<1	471.688	<10	96	6	410
54558	12	<10	0.4	550	<1	441.895	<10	40	<5	330
54559	7	<10	0.4	750	<1	429.344	<10	170	245	900
54560	9	<10	0.4	1140	<1	629.535	<10	167	37	330
54561	5	30	0.4	1580	<1	408.901	<10	485	18	3700
54562	6	10	0.4	1650	<1	408.323	<10	283	13	3690
54563	3	<10	0.4	690	<1	386.449	<10	63	<5	250
54564	5	<10	0.4	990	<1	415.834	<10	113	48	1080
54565	10	<10	0.3	1150	<1	419.446	<10	143	38	1380
54566	9	<10	0.4	1210	<1	476.792	10	107	111	1600
54567	8	<10	0.3	920	<1	498.758	<10	129	34	530
54568	13	<10	0.7	1000	<1	502.535	<10	115	17	460
54569	9	<10	0.2	1110	<1	578.99	10	330	8	210
54570	7	<10	0.2	770	<1	377.698	<10	174	17	460
54571	5	<10	<0.1	440	<1	17.133	10	49	23	50
54572	11	10	<0.1	650	<1	<10	10	192	48	120
54573	5	20	<0.1	1030	1	<10	10	74	106	70
54574	6	10	<0.1	1770	<1	30.782	<10	119	38	60
54575	21	20	<0.1	550	<1	<10	10	150	86	300
54576	4	30	<0.1	600	<1	<10	<10	78	48	50
54577	14	10	<0.1	560	<1	<10	20	122	60	220
54578	10	<10	<0.1	230	<1	<10	<10	116	30	100
54579	9	20	<0.1	620	<1	<10	10	87	33	50
54580	10	20	<0.1	1220	<1	<10	20	58	50	110
54581	10	20	<0.1	980	<1	15.852	<10	45	33	50
54582	4	20	<0.1	1100	2	128.769	<10	66	42	40
54583	5	<10	0.2	1320	<1	205.91	10	204	22	70
54584	14	<10	0.1	1470	<1	298.646	<10	61	24	60
54585	12	<10	<0.1	1330	<1	151.096	10	98	45	160
54586	8	<10	<0.1	1550	<1	236.538	<10	86	24	60
54587	16	10	<0.1	710	<1	96.57	10	63	70	80
54588	4	<10	<0.1	1860	<1	142.163	<10	271	31	80

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Final : 085092

Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54589	6	<10	<0.1	2100	<1	249.423	<10	154	17	150
54590	8	<10	0.1	1930	<1	145.99	<10	120	23	150
54591	6	<10	<0.1	1230	<1	88.384	<10	193	33	90
54592	6	10	0.1	1430	<1	130.251	<10	429	19	130
54593	11	<10	<0.1	610	<1	200.208	20	342	11	210
54594	12	<10	<0.1	730	<1	183.668	10	69	18	60
54595	9	<10	<0.1	890	<1	234.523	<10	127	9	50
54596	18	<10	<0.1	740	<1	109.079	30	322	43	90
54597	<1	<10	<0.1	320	<1	508.707	130	11	29	60
54598	10	<10	0.3	670	<1	480.772	<10	10	8	360
54599	16	<10	0.4	760	<1	642.99	<10	9	<5	300
54600	18	<10	0.3	830	<1	707.733	<10	10	<5	270
54601	8	<10	0.3	600	<1	369.713	<10	<5	<5	250
54602	12	<10	0.3	520	<1	390.41	<10	50	8	550
54603	9	<10	0.3	540	<1	375.284	<10	36	<5	360
54604	9	<10	0.7	520	<1	391.389	<10	16	7	430
54605	6	<10	0.5	460	<1	327.818	<10	15	16	340
54606	7	<10	0.3	460	<1	343.869	<10	34	9	380
54607	21	<10	0.3	480	<1	416.184	<10	33	10	390
54608	28	<10	0.3	500	<1	482.373	<10	48	<5	210
54609	29	<10	0.3	550	<1	450.051	<10	22	<5	340
54610	19	<10	0.4	500	<1	483.663	<10	9	6	250
54611	26	<10	0.2	470	<1	550.5	10	56	7	210
54612	16	<10	0.2	590	<1	459.036	<10	76	<5	230
54613	9	<10	0.1	780	<1	337.757	10	1270	10	90
54614	9	<10	<0.1	510	<1	90.816	30	158	28	80
54615	10	<10	<0.1	600	<1	271.261	30	123	37	160
54616	18	<10	0.2	780	<1	532.465	10	58	<5	160
54617	10	<10	0.3	1070	<1	547.143	<10	119	<5	270
54618	<1	<10	<0.1	170	<1	348.608	20	6	31	40
54619	<1	<10	<0.1	120	<1	300.567	10	7	23	80
54620	<1	<10	<0.1	120	<1	331.548	<10	5	24	100
54621	<1	<10	<0.1	150	<1	387.449	10	<5	34	30
54622	<1	<10	<0.1	110	<1	343.639	10	<5	34	40
54623	<1	<10	<0.1	90	<1	353.236	10	<5	25	90
54624	<1	<10	<0.1	110	<1	339.153	<10	<5	25	20
54625	<1	30	<0.1	100	<1	383.591	<10	25	6	130
54626	<1	<10	<0.1	110	<1	366.873	<10	<5	19	160
54627	5	30	0.2	1500	<1	429.745	<10	29	22	2440
54628	8	70	0.3	1370	<1	333.452	<10	232	14	2270
54629	3	30	0.2	1730	<1	451.599	<10	63	19	1250
54630	7	20	0.3	1580	<1	373.657	<10	121	17	2280
54631	4	<10	0.4	740	<1	339.339	<10	7	<5	170
54632	12	<10	0.4	700	<1	406.889	<10	17	<5	280
54633	16	<10	0.3	600	<1	381.461	<10	22	5	320
54634	17	<10	0.3	630	<1	376.49	<10	54	11	300
54635	10	<10	0.6	430	<1	348.932	<10	9	<5	430
54636	11	<10	0.4	440	<1	377.958	<10	6	5	640

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Final : 085092

Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
54637	17	<10	0.4	410	<1	367.809	<10	15	<5	450
54638	13	<10	0.4	400	<1	346.178	<10	34	6	520
54639	5	<10	0.4	500	<1	312.793	<10	11	<5	250
54640	3	<10	0.4	550	<1	291.55	<10	18	<5	190
54641	4	<10	0.5	600	<1	341.431	<10	7	8	180
54642	9	<10	0.4	550	<1	376.759	<10	13	<5	340
*Dup 54541	11	<10	0.3	700	<1	372.866	<10	38	6	360
*Dup 54553	22	<10	0.4	520	<1	457.513	<10	196	29	470
*Dup 54565	10	<10	0.3	910	<1	365.227	<10	61	47	1470
*Dup 54577	12	<10	<0.1	490	<1	16.987	20	103	41	160
*Dup 54589	6	<10	<0.1	1620	<1	238.838	<10	138	13	110
*Dup 54601	7	<10	0.4	640	<1	366.306	<10	7	<5	330
*Dup 54613	10	<10	0.1	820	<1	345.13	10	1070	11	110
*Dup 54625	<1	30	<0.1	140	<1	360.341	<10	40	6	130
*Dup 54637	19	<10	0.4	440	<1	404.455	<10	31	10	510

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54541	21	10.5	4.9	26	16	137	<5	<0.5	51	60
54542	27	12.6	7.4	37	33	143	<5	<0.5	90	53
54543	2	1.4	<0.5	2	3	91	<5	<0.5	6	28
54544	3	2.0	<0.5	2	3	85	<5	<0.5	5	38
54545	38	20.8	12.9	55	247	86	6	2.1	351	160
54546	14	7.3	3.2	18	10	104	<5	<0.5	33	32
54547	17	8.6	3.9	21	12	124	<5	<0.5	41	37
54548	21	11.1	5.1	26	23	132	<5	<0.5	63	108
54549	12	5.8	2.8	15	8	110	<5	<0.5	29	28
54550	27	14.4	6.3	33	27	133	<5	<0.5	72	123
54551	15	8.1	3.4	19	9	121	<5	<0.5	34	35
54552	17	9.1	3.6	20	11	140	<5	<0.5	36	75
54553	26	13.6	6.3	32	33	167	<5	<0.5	81	189
54554	22	11.9	5.0	26	19	157	<5	<0.5	54	107
54555	16	8.3	3.7	20	9	132	<5	<0.5	35	37
54556	7	4.6	1.2	8	3	149	7	<0.5	11	64
54557	22	11.3	4.9	27	14	139	<5	<0.5	50	63
54558	20	10.1	4.9	27	18	147	<5	<0.5	55	43
54559	13	7.3	3.6	18	37	98	<5	<0.5	76	117
54560	20	11.6	5.2	26	48	152	<5	<0.5	90	106
54561	36	18.8	11.5	55	147	64	24	1.4	271	28
54562	29	15.0	8.3	42	87	64	11	0.7	175	21
54563	13	6.9	3.0	17	10	93	5	<0.5	32	30
54564	14	8.0	3.3	18	25	69	<5	<0.5	56	37
54565	23	12.1	6.0	32	36	82	<5	<0.5	88	38
54566	11	6.3	2.9	15	31	113	<5	<0.5	57	130
54567	22	11.7	5.3	27	23	138	<5	<0.5	60	99
54568	27	14.7	5.9	32	19	142	<5	<0.5	61	77
54569	52	29.4	12.9	61	143	107	<5	0.5	227	127
54570	32	16.4	10.0	49	68	63	<5	<0.5	157	40
54571	9	6.1	2.0	6	23	2	<5	1.8	26	131
54572	14	6.7	4.9	18	88	<1	<5	6.5	88	50
54573	7	4.1	2.9	9	36	2	<5	15.9	43	49
54574	20	11.0	4.7	18	56	8	<5	8.8	72	56
54575	11	4.9	4.0	14	65	<1	<5	6.9	70	51
54576	7	3.4	2.9	8	40	<1	<5	11.9	39	40
54577	13	6.5	5.5	15	56	<1	<5	5.2	71	40
54578	12	6.8	3.7	13	50	<1	<5	2.2	60	41
54579	9	4.5	3.4	11	40	<1	<5	5.0	50	59
54580	7	4.1	2.0	7	29	<1	<5	6.0	32	89
54581	7	4.2	2.0	6	22	2	<5	10.1	27	56
54582	4	2.0	1.5	5	25	14	5	17.5	27	35
54583	26	13.8	5.6	24	55	42	<5	5.4	85	61
54584	11	6.8	1.7	9	19	36	<5	1.6	27	92
54585	10	4.9	2.1	9	28	34	<5	5.4	34	83
54586	8	3.6	2.0	8	29	27	<5	3.7	32	81
54587	7	3.6	2.3	7	27	4	<5	7.7	32	87
54588	28	13.3	7.6	32	102	25	<5	6.3	149	66

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54589	20	10.3	4.5	20	54	40	<5	4.7	76	52
54590	17	9.1	3.5	16	38	40	<5	3.4	60	75
54591	27	13.3	6.4	27	73	18	<5	7.6	106	69
54592	60	30.2	16.1	68	170	26	<5	7.9	285	57
54593	40	16.7	11.6	49	172	17	<5	5.2	216	105
54594	11	5.9	2.5	11	29	25	<5	3.3	39	64
54595	19	9.4	4.7	21	48	27	<5	2.2	75	66
54596	31	15.2	7.8	33	99	18	<5	5.6	140	119
54597	3	1.8	0.6	3	7	80	<5	<0.5	11	71
54598	6	3.4	1.3	7	3	101	<5	<0.5	12	63
54599	12	6.5	2.8	15	10	136	<5	<0.5	31	77
54600	13	7.1	3.1	16	14	144	<5	<0.5	38	95
54601	6	2.9	1.4	7	4	87	<5	<0.5	15	25
54602	10	4.9	2.7	13	12	88	<5	<0.5	34	75
54603	9	4.2	2.3	12	7	90	<5	<0.5	23	54
54604	11	5.6	2.5	14	6	118	<5	<0.5	23	54
54605	7	3.8	1.9	10	6	99	<5	<0.5	20	39
54606	10	5.1	2.6	13	7	122	<5	<0.5	26	52
54607	11	5.3	3.1	15	14	115	<5	<0.5	41	92
54608	13	6.3	4.2	20	30	131	<5	<0.5	67	83
54609	12	6.0	3.6	18	13	131	<5	<0.5	42	81
54610	9	4.6	2.4	12	8	132	<5	<0.5	26	92
54611	19	9.2	6.1	29	48	150	<5	<0.5	100	140
54612	28	12.6	8.5	39	78	113	<5	<0.5	145	97
54613	83	36.6	27.1	119	439	46	<5	1.3	589	87
54614	26	13.1	5.8	25	53	20	<5	2.6	92	77
54615	18	9.0	3.8	18	41	46	<5	1.8	65	66
54616	21	10.2	6.0	29	56	107	<5	<0.5	103	64
54617	47	27.6	10.5	50	86	89	<5	0.5	163	55
54618	<1	0.7	<0.5	1	4	55	<5	<0.5	5	18
54619	1	0.7	<0.5	1	5	50	<5	<0.5	5	16
54620	1	1.0	<0.5	1	3	51	<5	<0.5	4	24
54621	2	1.3	<0.5	1	2	40	<5	<0.5	2	14
54622	3	2.5	<0.5	2	2	43	<5	<0.5	3	14
54623	<1	0.9	<0.5	<1	1	45	<5	<0.5	1	23
54624	<1	0.5	<0.5	<1	1	43	<5	<0.5	1	15
54625	4	4.0	0.9	5	12	31	30	0.8	16	92
54626	<1	0.6	<0.5	<1	3	40	<5	<0.5	3	42
54627	9	5.9	1.9	11	10	91	40	0.7	28	65
54628	20	11.2	6.3	30	78	52	37	1.3	145	36
54629	11	6.4	2.9	14	21	92	25	0.7	49	65
54630	15	7.9	4.4	21	40	68	15	0.9	87	69
54631	8	4.2	1.8	11	4	109	<5	<0.5	18	30
54632	14	7.4	3.3	18	7	132	<5	<0.5	30	43
54633	10	5.3	2.6	14	7	120	<5	<0.5	26	52
54634	11	6.0	2.8	15	7	125	<5	<0.5	28	83
54635	7	4.0	1.7	9	4	151	<5	<0.5	15	34
54636	7	4.1	1.6	9	4	147	<5	<0.5	15	40

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54637	9	4.8	2.1	11	5	132	<5	<0.5	20	52
54638	8	4.6	2.0	11	5	128	<5	<0.5	19	71
54639	8	4.1	2.0	11	5	97	<5	<0.5	20	22
54640	7	3.5	1.6	9	4	96	<5	<0.5	17	23
54641	7	3.9	1.7	10	4	101	6	<0.5	16	31
54642	11	6.4	2.5	14	5	104	<5	<0.5	21	45
*Dup 54541	9	4.6	2.4	13	7	120	<5	<0.5	26	45
*Dup 54553	16	8.0	4.7	23	28	141	<5	<0.5	67	167
*Dup 54565	10	6.1	2.6	14	17	77	<5	<0.5	40	45
*Dup 54577	11	5.5	4.7	14	47	1	<5	3.6	63	34
*Dup 54589	16	7.9	4.0	17	49	34	<5	4.0	66	45
*Dup 54601	8	4.6	1.8	10	5	89	<5	<0.5	17	29
*Dup 54613	95	43.6	29.1	131	449	49	<5	1.3	600	89
*Dup 54625	6	5.3	1.1	6	20	29	26	0.9	23	86
*Dup 54637	16	9.1	3.5	19	12	133	<5	<0.5	36	64

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54541	50	<1	8	47	<1	18	<1	470	<10	6.5
54542	40	<1	16	68	<1	28	<1	580	<10	9.5
54543	30	<1	1	6	<1	2	<1	430	<10	<0.5
54544	30	<1	<1	<5	<1	2	<1	470	<10	<0.5
54545	160	<1	85	99	<1	63	<1	410	<10	39.8
54546	40	<1	5	28	<1	12	<1	480	<10	4.6
54547	50	<1	6	33	<1	14	<1	470	<10	5.2
54548	70	<1	11	52	<1	20	<1	510	<10	10.3
54549	50	<1	4	22	<1	11	<1	520	<10	4.4
54550	70	<1	13	56	<1	23	<1	650	<10	6.9
54551	70	<1	5	10	<1	12	<1	490	<10	5.3
54552	70	<1	6	24	<1	13	<1	430	<10	7.6
54553	90	<1	15	77	<1	25	<1	430	<10	17.5
54554	60	<1	9	90	<1	17	<1	570	<10	6.2
54555	50	<1	5	26	<1	13	<1	520	<10	5.1
54556	90	<1	2	18	<1	4	<1	910	<10	4.8
54557	60	<1	8	35	<1	18	<1	500	<10	5.4
54558	50	<1	9	36	<1	18	<1	390	<10	5.8
54559	70	<1	15	14	<1	17	<1	420	<10	28.2
54560	70	<1	19	20	<1	21	<1	640	<10	23.4
54561	390	<1	58	6	3	54	<1	460	<10	51.5
54562	290	<1	36	5	2	38	<1	470	<10	34.4
54563	40	<1	5	11	<1	11	<1	520	<10	5.7
54564	70	<1	11	9	<1	14	<1	460	<10	20.3
54565	130	<1	16	18	<1	24	<1	450	<10	16.8
54566	50	<1	12	21	<1	13	<1	500	<10	19.1
54567	120	<1	11	27	<1	19	<1	670	<10	11.2
54568	120	<1	10	30	<1	21	<1	860	<10	6.5
54569	110	<1	50	192	<1	54	<1	640	<10	34.1
54570	60	<1	28	36	<1	40	<1	380	<10	13.4
54571	110	<1	6	102	<1	6	<1	120	<10	8.1
54572	160	<1	22	101	1	19	1	30	<10	33.8
54573	190	<1	10	123	<1	9	3	70	<10	16.4
54574	370	<1	15	197	<1	16	<1	300	<10	19.8
54575	170	<1	18	147	1	15	<1	20	<10	31.5
54576	170	<1	10	160	<1	9	2	20	<10	25.0
54577	200	<1	17	148	<1	16	<1	40	<10	21.1
54578	200	<1	14	104	<1	14	<1	<10	<10	19.8
54579	190	<1	12	101	2	11	<1	20	<10	25.8
54580	150	<1	8	112	<1	7	<1	120	<10	21.6
54581	280	<1	6	109	1	6	2	110	<10	18.5
54582	200	<1	7	161	<1	6	4	210	<10	12.8
54583	370	<1	18	147	<1	22	<1	520	<10	68.4
54584	350	<1	6	140	<1	7	<1	660	<10	20.7
54585	450	<1	8	161	<1	8	<1	370	<10	34.3
54586	370	<1	7	181	<1	7	<1	560	<10	35.5
54587	260	<1	7	225	<1	7	<1	260	<10	17.7
54588	300	<1	34	165	<1	33	<1	330	<10	64.5

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54589	400	<1	16	200	<1	19	<1	570	<10	44.3
54590	410	<1	13	187	<1	14	<1	510	<10	49.5
54591	460	<1	23	209	<1	25	<1	300	<10	36.6
54592	360	<1	61	236	<1	66	<1	260	<10	83.6
54593	140	<1	50	247	<1	49	<1	260	<10	39.8
54594	220	<1	9	254	<1	10	<1	320	<10	18.4
54595	190	<1	16	248	<1	19	<1	320	<10	27.2
54596	270	<1	32	153	<1	31	<1	280	<10	45.8
54597	490	<1	2	16	<1	3	<1	380	<10	1.3
54598	30	<1	2	25	<1	5	<1	480	<10	3.6
54599	20	<1	5	53	<1	11	<1	700	<10	5.2
54600	20	<1	7	64	<1	11	<1	790	<10	6.9
54601	20	<1	2	17	<1	5	<1	390	<10	2.0
54602	40	<1	6	28	<1	10	<1	320	<10	6.8
54603	40	<1	4	28	<1	9	<1	370	<10	4.0
54604	40	<1	4	37	<1	9	<1	440	<10	4.6
54605	40	<1	3	32	<1	7	<1	370	<10	3.5
54606	30	<1	4	53	<1	9	<1	360	<10	3.9
54607	20	<1	7	8	<1	12	<1	310	<10	6.4
54608	10	<1	13	13	<1	18	<1	340	<10	12.9
54609	10	<1	7	91	<1	14	<1	370	<10	5.3
54610	20	<1	4	106	<1	9	<1	370	<10	5.2
54611	50	<1	20	141	<1	26	<1	380	<10	21.2
54612	40	<1	30	123	<1	36	<1	320	<10	24.2
54613	110	<1	143	125	<1	123	<1	270	<10	49.2
54614	340	<1	20	131	<1	23	<1	130	<10	24.0
54615	240	<1	14	96	<1	16	<1	300	<10	31.4
54616	20	<1	21	99	<1	26	<1	480	<10	26.3
54617	50	<1	35	92	<1	43	<1	510	<10	31.4
54618	10	<1	1	<5	<1	<1	<1	350	<10	<0.5
54619	10	<1	1	<5	<1	<1	<1	250	<10	<0.5
54620	20	<1	<1	<5	<1	<1	<1	300	<10	<0.5
54621	20	<1	<1	<5	<1	<1	<1	390	<10	<0.5
54622	40	<1	<1	9	<1	1	<1	330	<10	<0.5
54623	20	<1	<1	<5	<1	<1	<1	350	<10	<0.5
54624	20	<1	<1	<5	<1	<1	<1	340	<10	<0.5
54625	10	<1	3	<5	<1	3	<1	400	<10	1.0
54626	20	<1	<1	<5	<1	<1	<1	420	<10	<0.5
54627	230	<1	5	19	<1	8	<1	840	<10	11.6
54628	380	<1	31	20	2	30	<1	530	<10	31.8
54629	170	<1	9	22	<1	12	<1	820	<10	16.5
54630	230	<1	17	25	1	20	<1	590	<10	25.2
54631	70	<1	2	17	<1	7	<1	690	<10	2.7
54632	50	<1	4	43	<1	12	<1	630	<10	3.1
54633	30	<1	4	59	<1	10	<1	450	<10	3.2
54634	30	<1	4	63	<1	10	<1	400	<10	4.4
54635	20	<1	2	69	<1	6	<1	320	<10	2.1
54636	20	<1	2	38	<1	6	<1	370	<10	2.5

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54637	20	<1	3	57	<1	8	<1	320	<10	3.6
54638	20	<1	3	51	<1	7	<1	300	<10	3.9
54639	40	<1	3	25	<1	7	<1	360	<10	2.9
54640	30	<1	2	19	<1	6	<1	400	<10	2.4
54641	50	<1	2	7	<1	7	<1	620	<10	2.6
54642	20	<1	3	35	<1	9	<1	670	<10	3.0
*Dup 54541	20	<1	4	59	<1	9	<1	360	<10	2.6
*Dup 54553	70	<1	13	81	<1	19	<1	360	<10	16.9
*Dup 54565	100	<1	7	23	<1	11	<1	360	<10	10.0
*Dup 54577	180	<1	15	141	<1	14	1	50	<10	16.9
*Dup 54589	320	<1	15	173	<1	16	<1	440	<10	32.5
*Dup 54601	40	<1	2	17	<1	6	<1	410	<10	3.1
*Dup 54613	110	<1	144	129	<1	128	<1	300	<10	48.0
*Dup 54625	10	<1	5	<5	<1	4	<1	390	<10	1.1
*Dup 54637	30	<1	6	59	<1	13	<1	360	<10	6.3

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54541	6	<0.5	5	<1	93	8	30	11
54542	17	<0.5	6	<1	121	9	30	13
54543	<3	<0.5	3	<1	12	1	440	<5
54544	<3	<0.5	13	<1	16	2	720	<5
54545	29	<0.5	198	<1	198	20	30	111
54546	3	<0.5	8	<1	69	6	30	15
54547	4	<0.5	3	<1	82	6	<20	15
54548	10	<0.5	7	<1	96	8	<20	14
54549	3	<0.5	7	<1	59	4	<20	11
54550	<3	<0.5	40	<1	131	11	30	9
54551	4	<0.5	4	<1	74	6	<20	11
54552	7	<0.5	3	<1	79	7	<20	17
54553	9	<0.5	29	<1	114	10	<20	17
54554	<3	<0.5	12	<1	98	9	<20	9
54555	<3	<0.5	6	<1	78	6	<20	11
54556	<3	<0.5	11	<1	37	4	20	9
54557	<3	<0.5	9	<1	99	8	<20	11
54558	5	<0.5	2	<1	95	7	<20	15
54559	12	<0.5	2	<1	65	6	<20	59
54560	9	<0.5	7	<1	86	9	30	26
54561	42	<0.5	12	<1	176	16	<20	137
54562	32	<0.5	16	<1	143	12	<20	73
54563	6	<0.5	6	<1	67	5	<20	15
54564	9	<0.5	1	<1	72	7	20	31
54565	21	<0.5	3	<1	121	9	30	57
54566	7	<0.5	9	<1	57	5	<20	30
54567	<3	<0.5	9	<1	104	9	30	17
54568	5	<0.5	14	<1	121	11	20	16
54569	33	<0.5	32	<1	245	23	80	47
54570	12	<0.5	3	<1	182	12	<20	29
54571	479	<0.5	3	<1	39	5	<20	16
54572	2090	<0.5	8	<1	54	5	630	78
54573	5610	<0.5	4	<1	33	4	380	68
54574	2790	<0.5	6	<1	102	9	60	68
54575	2200	<0.5	6	<1	40	4	370	81
54576	3850	<0.5	6	<1	26	3	200	100
54577	1680	<0.5	6	<1	52	6	410	63
54578	671	<0.5	6	<1	49	6	490	53
54579	1650	<0.5	6	<1	35	4	820	76
54580	1470	<0.5	6	<1	30	4	1330	62
54581	3530	<0.5	6	<1	28	4	190	64
54582	6910	<0.5	3	<1	18	2	160	62
54583	1120	<0.5	9	<1	101	11	100	126
54584	368	<0.5	8	<1	50	5	110	34
54585	1220	<0.5	5	<1	40	4	190	74
54586	960	0.5	6	<1	32	3	50	69
54587	2260	<0.5	6	1	28	3	430	62
54588	1770	<0.5	7	<1	106	11	180	111

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54589	1040	0.6	6	<1	86	8	180	86
54590	775	<0.5	5	<1	82	7	110	97
54591	2190	0.7	6	<1	120	10	100	85
54592	2010	0.5	11	<1	247	23	110	154
54593	1680	<0.5	8	<1	144	11	110	81
54594	732	<0.5	7	<1	47	5	500	35
54595	354	<0.5	7	<1	78	7	870	50
54596	1150	<0.5	5	<1	134	11	340	76
54597	6	<0.5	12	<1	16	1	3360	<5
54598	<3	<0.5	5	<1	31	3	20	8
54599	<3	<0.5	7	<1	58	5	<20	10
54600	<3	<0.5	8	<1	60	5	<20	9
54601	<3	<0.5	5	<1	30	2	<20	7
54602	6	<0.5	9	<1	47	4	50	17
54603	3	<0.5	8	<1	41	3	<20	14
54604	<3	<0.5	8	<1	52	4	<20	11
54605	<3	<0.5	6	<1	38	3	<20	11
54606	<3	<0.5	5	<1	48	4	<20	10
54607	<3	<0.5	4	<1	52	4	20	14
54608	5	<0.5	15	<1	65	5	<20	15
54609	<3	<0.5	5	<1	62	4	<20	13
54610	<3	<0.5	6	<1	47	3	<20	11
54611	5	<0.5	34	<1	97	7	20	14
54612	9	<0.5	33	<1	134	9	30	22
54613	227	<0.5	20	<1	375	25	30	46
54614	586	<0.5	5	<1	115	9	500	32
54615	319	<0.5	3	<1	74	7	550	35
54616	13	<0.5	13	<1	94	7	60	21
54617	6	<0.5	21	<1	210	22	40	41
54618	<3	<0.5	1	<1	6	<1	1080	<5
54619	<3	<0.5	1	<1	5	<1	480	<5
54620	<3	<0.5	5	<1	7	<1	430	<5
54621	<3	<0.5	3	<1	8	1	1320	<5
54622	<3	<0.5	6	<1	14	2	1160	<5
54623	<3	<0.5	4	<1	<5	<1	980	<5
54624	<3	<0.5	1	<1	<5	<1	910	<5
54625	6	<0.5	69	2	33	4	50	7
54626	9	<0.5	8	<1	<5	<1	440	<5
54627	10	<0.5	5	<1	46	5	60	32
54628	68	<0.5	6	<1	99	10	<20	86
54629	23	<0.5	5	<1	55	6	<20	37
54630	30	<0.5	9	<1	70	7	40	50
54631	<3	<0.5	14	<1	41	3	<20	8
54632	<3	<0.5	12	<1	68	6	<20	8
54633	<3	<0.5	9	3	51	4	<20	6
54634	<3	<0.5	5	<1	56	4	<20	9
54635	<3	<0.5	2	<1	41	3	<20	10
54636	<3	<0.5	1	<1	42	3	20	13

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Element Method Det.Lim. Units	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
54637	<3	<0.5	2	<1	47	4	<20	12
54638	<3	<0.5	3	<1	45	4	<20	13
54639	5	<0.5	3	<1	41	3	30	10
54640	<3	<0.5	3	<1	36	3	20	9
54641	<3	<0.5	9	<1	38	3	<20	8
54642	<3	<0.5	8	<1	56	5	<20	8
*Dup 54541	<3	<0.5	5	<1	45	3	<20	7
*Dup 54553	<3	<0.5	39	<1	75	6	<20	15
*Dup 54565	19	<0.5	4	<1	60	5	30	38
*Dup 54577	1060	<0.5	5	<1	43	5	310	47
*Dup 54589	927	<0.5	5	<1	68	6	180	64
*Dup 54601	5	<0.5	6	<1	42	4	<20	9
*Dup 54613	205	<0.5	24	<1	434	30	30	46
*Dup 54625	6	<0.5	69	2	41	5	40	8
*Dup 54637	<3	<0.5	3	<1	80	7	<20	15

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54643	<1	<10	0.2	520	<1	16.2036	<10	125	10	<10
54644	<1	10	0.2	790	<1	99.1296	<10	1120	25	220
54645	2	<10	<0.1	1170	<1	229.932	<10	165	24	60
54646	6	<10	0.5	1290	<1	484.1052	<10	130	38	740
54647	3	<10	0.2	830	<1	472.9272	<10	23	6	370
54648	3	<10	0.1	1020	<1	464.7192	<10	69	46	170
54649	6	<10	0.2	1020	<1	547.5204	<10	276	47	580
54650	2	<10	0.1	740	<1	344.142	<10	30	7	50
54651	3	<10	0.6	1120	<1	488.1576	<10	6	<5	270
54652	6	<10	0.8	1120	<1	665.1204	<10	115	83	590
54653	2	<10	<0.1	730	<1	242.934	<10	115	14	40
54654	1	<10	0.1	1020	<1	206.5416	<10	56	41	30
54655	8	<10	0.3	1490	<1	555.798	<10	80	21	1080
54656	5	<10	0.2	1360	<1	513.5592	<10	210	26	850
54657	11	<10	0.7	1340	<1	764.5896	<10	24	8	390
54658	9	<10	0.6	1220	<1	692.3904	<10	11	5	340
54659	6	<10	0.3	1430	<1	654.6972	<10	7	<5	300
54660	9	<10	0.3	1410	<1	809.1096	<10	9	26	360
54661	9	<10	0.2	1290	<1	678.4608	<10	27	18	350
54662	13	<10	0.5	1400	<1	743.5776	<10	8	10	420
54663	6	<10	0.2	1150	<1	556.518	<10	21	6	290
54664	6	<10	0.1	1290	<1	570.5184	<10	115	18	530
54665	13	<10	0.2	1380	<1	713.1972	<10	22	8	470
54666	4	<10	0.4	1210	<1	546.2544	<10	16	<5	260
54667	4	<10	0.4	1140	<1	474.4488	<10	17	<5	230
54668	8	<10	0.4	1170	<1	638.6412	<10	66	8	500
54669	5	<10	0.2	1190	<1	537.8928	<10	16	<5	230
54670	8	<10	0.7	1390	<1	642.1476	<10	10	5	310
54671	<1	50	0.1	680	<1	198.9732	<10	1260	91	810
54672	<1	<10	<0.1	520	<1	158.2932	<10	152	34	50
54673	<1	<10	<0.1	290	<1	167.7132	<10	316	21	80
54674	<1	<10	<0.1	710	<1	179.424	<10	58	18	20
54675	8	<10	<0.1	920	<1	155.0088	<10	246	50	50
54676	13	<10	<0.1	1130	<1	265.626	<10	262	22	250
54677	6	<10	0.1	1440	<1	794.1108	<10	115	70	1150
54678	2	<10	<0.1	1320	<1	518.8236	10	349	92	2310
54679	7	<10	0.2	3370	<1	609.0252	<10	136	14	3670
54680	6	<10	0.4	1350	<1	639.99	<10	16	8	430
54681	4	<10	0.3	1520	<1	674.226	<10	118	<5	190
54682	5	<10	<0.1	700	<1	479.652	10	333	78	820
54683	8	<10	0.1	1870	<1	789.3684	<10	78	<5	290
54684	6	<10	0.1	2070	<1	617.6808	<10	200	7	530
54685	6	<10	0.2	680	<1	651.528	<10	84	49	420
54686	9	<10	0.5	1670	<1	652.8924	<10	137	11	560
54687	7	<10	0.2	2080	<1	610.0464	<10	229	26	1410
54688	5	<10	0.2	1710	<1	650.3028	<10	231	29	440
54689	7	<10	0.4	1250	<1	690.6444	<10	57	32	900
54690	9	<10	0.3	5970	<1	558.7452	<10	44	22	4110

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54691	8	<10	0.4	900	<1	669.1368	10	81	17	1290
54692	14	<10	0.2	1270	<1	745.6812	20	255	190	2630
54693	11	<10	0.1	440	<1	395.088	10	276	11	1350
54694	3	<10	<0.1	1210	<1	185.5332	<10	388	22	70
54695	<1	<10	0.1	840	<1	225.9036	<10	111	17	40
54696	<1	<10	<0.1	1350	<1	202.782	<10	99	15	170
54697	<1	<10	0.2	480	<1	125.5524	<10	21	<5	20
54698	5	<10	0.1	1450	<1	517.1688	<10	408	43	390
54699	4	<10	0.3	890	<1	546.1584	<10	12	<5	220
54700	12	<10	0.7	1170	<1	740.9736	<10	<5	<5	250
54701	13	<10	0.4	920	<1	794.7408	<10	<5	<5	520
54702	5	<10	0.3	900	<1	596.88	<10	8	<5	250
54703	5	<10	0.3	720	<1	516.36	<10	10	<5	220
54704	6	<10	0.3	810	<1	596.6772	<10	<5	<5	250
54705	14	<10	0.3	920	<1	772.3104	<10	6	<5	470
54706	9	<10	0.3	740	<1	668.9232	<10	<5	7	420
54707	11	<10	0.3	730	<1	803.4876	<10	<5	<5	300
54708	13	<10	0.4	720	<1	758.7	<10	14	<5	290
54709	14	<10	0.5	820	<1	719.0184	<10	7	18	870
54710	7	<10	0.2	740	<1	658.416	<10	84	32	580
54711	18	<10	0.4	820	<1	724.2696	<10	<5	<5	490
54712	2	<10	0.2	870	<1	184.1808	<10	996	17	220
54901	5	<10	0.2	940	<1	511.7508	<10	70	27	210
54902	<1	<10	0.6	820	<1	34.1316	<10	368	17	40
54903	<1	<10	<0.1	630	<1	<10	<10	117	16	10
54904	<1	<10	<0.1	760	<1	52.9536	<10	661	16	40
54905	5	<10	0.2	1770	<1	587.6064	<10	498	50	550
54906	8	<10	0.3	1730	<1	669.2616	<10	122	100	1750
54907	2	<10	<0.1	1250	<1	203.5632	<10	75	24	40
54908	4	<10	0.2	830	<1	181.794	<10	81	49	30
54909	3	<10	<0.1	840	<1	200.8392	<10	267	28	120
54910	7	<10	<0.1	540	<1	275.9784	10	494	64	370
54911	2	<10	<0.1	1400	<1	169.164	<10	69	12	130
54912	5	<10	0.3	770	<1	466.4292	<10	21	58	300
54913	<1	<10	0.1	560	<1	<10	<10	200	10	10
54914	<1	<10	<0.1	280	<1	12.3888	<10	382	22	50
54915	11	<10	0.2	980	<1	592.4436	10	495	15	210
54916	9	<10	0.2	890	<1	645.678	10	310	12	270
54917	17	<10	0.6	930	<1	807.8232	<10	<5	9	560
54918	19	<10	0.4	770	<1	767.952	<10	<5	12	390
54919	8	<10	0.1	620	<1	753.1716	30	12	29	210
54920	9	<10	0.3	640	<1	634.7772	<10	20	<5	280
54921	15	<10	0.4	830	<1	755.7	<10	15	<5	560
54922	17	<10	0.3	820	<1	749.376	<10	12	6	630
54923	8	<10	0.6	580	<1	492.8892	<10	15	<5	280
54924	9	<10	0.4	740	<1	615.9144	<10	15	7	440
54925	4	<10	0.5	670	<1	504.0852	<10	11	<5	210
54926	17	<10	0.3	730	<1	630.7272	<10	29	<5	430

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54927	11	<10	0.4	680	<1	575.8152	<10	21	8	330
54928	10	<10	0.4	690	<1	535.566	<10	12	<5	380
*Dup 54643	<1	<10	<0.1	190	<1	18.0252	<10	90	11	<10
*Dup 54655	9	<10	0.4	1280	<1	552.6216	<10	97	28	1330
*Dup 54667	3	<10	0.4	1020	<1	455.7996	<10	20	<5	200
*Dup 54679	9	<10	0.3	3220	<1	628.9332	<10	103	19	3530
*Dup 54691	9	<10	0.6	740	<1	640.494	20	46	21	1480
*Dup 54703	5	<10	0.4	860	<1	592.6476	<10	6	<5	250
*Dup 54903	<1	10	<0.1	610	<1	<10	<10	76	16	10
*Dup 54915	9	<10	0.2	870	<1	591.822	20	531	16	180
*Dup 54927	10	<10	0.6	670	<1	562.6968	<10	19	15	340

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54643	15	6.4	5.6	24	52	<1	<5	6.2	82	38
54644	211	92.6	115	574	1040	11	<5	0.5	2430	11
54645	13	5.4	6.0	30	73	24	<5	0.9	126	25
54646	10	4.3	4.0	23	54	86	<5	<0.5	87	47
54647	5	2.2	1.7	11	8	68	<5	<0.5	24	33
54648	6	2.6	2.4	13	21	62	<5	<0.5	42	70
54649	19	8.3	8.1	44	112	85	<5	<0.5	165	86
54650	3	1.0	1.2	6	13	38	<5	<0.5	25	18
54651	5	2.4	1.3	9	2	97	<5	<0.5	13	28
54652	12	6.2	3.3	22	22	133	<5	<0.5	46	144
54653	6	2.7	2.8	14	45	31	<5	1.0	64	19
54654	3	1.1	1.1	6	16	26	<5	0.8	24	12
54655	13	5.7	4.3	25	31	105	<5	<0.5	65	152
54656	13	6.1	5.2	28	81	100	<5	<0.5	126	42
54657	9	4.4	2.6	17	14	136	<5	<0.5	36	74
54658	6	3.3	1.6	11	<1	156	<5	<0.5	10	53
54659	8	4.0	2.1	15	15	123	<5	<0.5	30	45
54660	12	6.9	2.3	17	5	174	<5	<0.5	20	77
54661	11	5.4	2.6	18	6	152	<5	<0.5	26	78
54662	8	4.7	1.9	13	5	163	<5	<0.5	20	94
54663	7	4.1	1.6	12	2	141	<5	<0.5	14	39
54664	18	8.7	5.6	35	48	130	<5	<0.5	94	108
54665	10	4.8	2.6	17	14	141	<5	<0.5	34	103
54666	7	3.1	2.2	13	9	105	<5	<0.5	27	32
54667	6	2.7	2.1	13	10	88	<5	<0.5	29	32
54668	9	4.5	2.4	17	8	118	<5	<0.5	27	67
54669	5	3.0	1.3	10	2	114	<5	<0.5	12	26
54670	8	4.6	1.8	13	2	149	<5	<0.5	15	36
54671	55	29.0	19.9	104	464	24	<5	6.3	554	110
54672	10	4.2	3.9	18	61	12	<5	6.3	71	48
54673	13	5.2	6.0	26	92	5	<5	4.3	113	60
54674	4	1.7	1.6	7	27	17	<5	3.9	33	29
54675	10	4.1	5.0	24	73	15	<5	2.2	115	52
54676	24	10.8	10.6	56	134	16	<5	1.2	247	74
54677	14	7.3	4.6	28	45	64	<5	<0.5	88	339
54678	26	16.1	8.3	47	147	39	<5	2.6	224	239
54679	15	8.7	4.4	27	45	55	<5	1.6	94	53
54680	8	4.4	1.9	13	1	125	<5	<0.5	16	64
54681	9	4.5	2.6	16	14	86	<5	<0.5	33	47
54682	24	12.1	8.0	43	135	50	<5	1.8	190	142
54683	13	6.7	3.6	23	36	127	<5	<0.5	60	57
54684	23	12.9	5.6	34	63	85	<5	<0.5	97	53
54685	8	4.4	1.9	14	5	85	<5	<0.5	20	209
54686	19	10.3	5.1	32	48	81	<5	<0.5	79	114
54687	14	6.3	4.9	28	102	51	<5	1.2	122	43
54688	13	6.9	4.0	24	34	63	<5	<0.5	63	89
54689	9	4.7	2.2	15	2	72	<5	<0.5	17	171
54690	9	5.4	1.8	13	14	42	<5	1.4	32	41

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54691	12	6.9	2.5	17	3	62	<5	<0.5	19	157
54692	16	9.5	4.1	26	34	67	<5	<0.5	72	607
54693	28	12.3	11.4	63	81	19	<5	<0.5	220	100
54694	13	5.2	6.4	32	135	23	<5	2.6	172	33
54695	5	2.1	2.6	12	38	24	<5	2.1	52	25
54696	6	2.8	2.6	12	46	20	<5	5.7	52	33
54697	2	0.9	0.7	3	10	17	<5	2.8	13	18
54698	30	13.8	10.3	60	104	82	<5	<0.5	183	89
54699	9	4.8	2.0	14	2	133	<5	<0.5	16	24
54700	12	7.1	2.4	18	1	176	<5	<0.5	16	41
54701	15	8.5	3.4	24	7	181	<5	<0.5	30	117
54702	10	5.3	2.2	16	2	146	<5	<0.5	18	38
54703	8	4.2	1.9	14	2	113	<5	<0.5	17	31
54704	10	5.1	2.1	15	2	124	<5	<0.5	18	34
54705	14	7.4	3.3	21	10	197	<5	<0.5	34	92
54706	12	6.8	2.4	18	4	168	<5	<0.5	21	54
54707	9	6.1	1.6	12	4	177	<5	<0.5	17	105
54708	15	8.4	3.8	25	23	222	<5	<0.5	54	160
54709	14	9.2	2.6	19	6	194	<5	<0.5	24	139
54710	11	7.0	1.9	15	2	147	<5	<0.5	16	106
54711	15	8.5	2.9	22	3	177	<5	<0.5	22	48
54712	107	47.5	31.6	176	383	39	<5	7.9	599	30
54901	13	5.8	5.2	29	44	97	<5	<0.5	84	41
54902	20	9.8	9.5	43	113	2	<5	4.4	199	14
54903	13	6.6	4.5	20	44	<1	<5	5.6	68	23
54904	28	14.1	12.6	60	178	6	<5	4.4	282	5
54905	52	25.1	17.7	102	226	111	<5	<0.5	336	79
54906	17	8.9	5.2	31	50	125	35	<0.5	89	143
54907	4	1.4	1.7	9	26	25	<5	0.6	39	10
54908	5	2.4	2.1	10	30	21	<5	2.7	41	22
54909	11	5.0	4.3	22	56	26	<5	1.3	88	46
54910	38	19.8	12.2	64	171	29	<5	1.7	244	73
54911	5	2.7	1.9	10	29	16	<5	2.0	41	26
54912	11	6.1	3.0	19	10	85	<5	<0.5	32	91
54913	17	7.8	6.7	31	88	<1	<5	6.7	118	22
54914	30	12.2	13.4	62	111	<1	<5	0.6	226	8
54915	80	47.5	18.6	114	231	155	<5	0.7	337	143
54916	61	32.5	16.2	98	182	130	<5	0.5	287	161
54917	10	7.6	1.4	11	3	160	<5	<0.5	12	156
54918	13	10.7	1.2	11	4	158	<5	<0.5	10	160
54919	7	6.1	0.8	6	2	102	18	<0.5	8	357
54920	14	7.6	3.9	25	26	200	12	<0.5	56	112
54921	16	8.8	3.7	25	14	186	<5	<0.5	41	117
54922	15	7.3	3.7	24	18	164	<5	<0.5	47	97
54923	8	4.2	1.9	13	3	113	<5	<0.5	18	34
54924	11	6.1	2.6	18	6	136	<5	<0.5	25	65
54925	8	3.9	1.9	14	2	116	<5	<0.5	16	33
54926	15	7.5	3.6	24	9	154	<5	<0.5	35	57

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54927	12	6.2	2.7	19	4	141	<5	<0.5	24	47
54928	10	4.9	2.6	18	5	141	<5	<0.5	25	55
*Dup 54643	12	5.6	4.3	18	38	2	<5	5.7	59	42
*Dup 54655	15	6.9	4.9	29	39	109	<5	<0.5	79	148
*Dup 54667	7	3.2	2.2	14	9	89	<5	<0.5	30	27
*Dup 54679	14	8.5	3.8	24	33	62	<5	1.3	75	60
*Dup 54691	10	6.2	1.9	14	2	60	<5	<0.5	16	173
*Dup 54703	10	5.5	2.1	16	2	135	<5	<0.5	18	29
*Dup 54903	8	4.5	2.7	11	31	<1	<5	5.5	42	32
*Dup 54915	83	48.4	19.0	117	242	151	<5	0.7	350	146
*Dup 54927	12	6.6	2.9	21	8	137	<5	<0.5	30	60

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54643	100	<1	17	71	<1	19	<1	80	<10	10.3
54644	20	<1	508	29	<1	502	<1	450	<10	12.6
54645	10	<1	27	46	<1	26	<1	470	<10	20.1
54646	40	<1	18	34	<1	18	<1	550	<10	18.1
54647	20	<1	4	39	<1	7	<1	520	<10	2.7
54648	20	<1	8	29	<1	10	<1	410	<10	6.1
54649	30	<1	36	28	<1	35	<1	510	<10	25.1
54650	10	<1	5	36	<1	5	<1	270	<10	5.7
54651	40	<1	2	55	<1	5	<1	460	<10	2.4
54652	40	<1	9	33	<1	13	<1	610	<10	9.2
54653	50	<1	14	39	<1	12	<1	230	<10	12.6
54654	30	<1	5	25	<1	5	<1	270	<10	8.0
54655	100	<1	12	14	<1	17	<1	650	<10	6.1
54656	90	<1	28	45	<1	23	<1	600	<10	22.0
54657	30	<1	6	30	<1	10	<1	940	<10	5.7
54658	60	<1	<1	23	<1	5	<1	1120	<10	1.6
54659	40	<1	5	21	<1	8	<1	1060	<10	2.4
54660	90	<1	3	32	<1	8	<1	2120	<10	4.7
54661	50	<1	4	29	<1	9	<1	1050	<10	4.8
54662	60	<1	3	16	<1	7	<1	1150	<10	2.8
54663	50	<1	2	28	<1	6	<1	980	<10	2.8
54664	50	<1	18	17	<1	23	<1	890	<10	18.9
54665	40	<1	6	38	<1	10	<1	1240	<10	3.8
54666	20	<1	4	36	<1	8	<1	840	<10	1.9
54667	10	<1	5	23	<1	8	<1	930	<10	1.7
54668	30	<1	4	31	<1	9	<1	1400	<10	2.9
54669	50	<1	2	17	<1	5	<1	1790	<10	2.1
54670	40	<1	2	31	<1	6	<1	1270	<10	2.6
54671	130	<1	138	64	<1	92	<1	330	<10	58.7
54672	70	<1	17	145	<1	15	<1	280	<10	32.3
54673	50	<1	27	64	<1	23	<1	150	<10	20.8
54674	30	<1	8	75	<1	6	<1	280	<10	14.1
54675	20	<1	27	102	<1	22	<1	190	<10	29.8
54676	<10	<1	50	53	<1	48	<1	330	<10	42.6
54677	<10	<1	17	66	<1	20	<1	670	<10	17.5
54678	60	<1	49	66	<1	40	<1	420	<10	26.3
54679	150	<1	19	29	<1	20	<1	850	<10	39.3
54680	50	<1	2	40	<1	7	<1	770	<10	3.5
54681	20	<1	6	37	<1	9	<1	840	<10	8.2
54682	170	<1	46	96	<1	36	<1	440	<10	32.1
54683	40	<1	12	38	<1	14	<1	960	<10	15.0
54684	110	<1	21	48	<1	22	7	830	<10	36.8
54685	40	<1	3	21	<1	7	<1	660	<10	5.1
54686	40	<1	16	42	<1	20	<1	650	<10	13.9
54687	120	<1	28	22	<1	22	<1	620	<10	32.0
54688	20	<1	12	22	<1	16	<1	650	<10	11.1
54689	10	<1	2	13	<1	8	<1	670	<10	3.8
54690	170	<1	6	70	<1	8	<1	550	<10	24.4

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54691	10	<1	3	97	<1	8	<1	620	<10	4.2
54692	40	<1	14	56	<1	17	<1	640	<10	16.2
54693	<10	<1	38	61	<1	49	<1	300	<10	23.0
54694	40	<1	41	108	<1	29	<1	290	<10	26.3
54695	30	<1	12	101	<1	11	<1	260	<10	14.3
54696	60	<1	13	188	<1	10	<1	300	<10	21.0
54697	30	<1	3	45	<1	3	<1	200	<10	6.1
54698	20	<1	36	24	<1	42	<1	700	<10	23.0
54699	50	<1	2	<5	<1	7	<1	860	<10	2.7
54700	40	<1	2	31	<1	8	<1	1030	<10	3.1
54701	40	<1	4	33	<1	12	<1	1010	<10	4.4
54702	50	<1	2	27	<1	8	<1	750	<10	3.1
54703	40	<1	2	21	<1	7	<1	630	<10	2.4
54704	50	<1	2	25	<1	8	<1	740	<10	3.3
54705	50	<1	6	41	<1	11	<1	750	<10	6.2
54706	60	<1	3	36	<1	8	<1	640	<10	5.7
54707	30	<1	3	35	<1	6	<1	660	<10	5.7
54708	20	<1	10	29	<1	15	<1	640	<10	12.5
54709	60	<1	4	33	<1	9	<1	800	<10	5.4
54710	70	<1	2	20	<1	7	<1	1090	<10	4.8
54711	30	<1	3	42	<1	10	<1	990	<10	4.0
54712	250	<1	129	212	<1	134	<1	460	<10	95.4
54901	20	<1	16	33	<1	20	<1	670	<10	9.3
54902	80	<1	44	92	<1	40	<1	140	<10	23.6
54903	90	<1	15	91	<1	16	<1	10	<10	17.7
54904	90	<1	63	47	<1	55	<1	250	<10	27.4
54905	70	<1	72	20	<1	72	<1	780	<10	46.2
54906	90	<1	18	13	<1	20	<1	860	<10	9.5
54907	40	<1	9	13	<1	7	<1	280	<10	6.9
54908	40	<1	9	18	<1	8	<1	220	<10	16.6
54909	50	<1	19	21	<1	18	<1	260	<10	21.6
54910	190	<1	57	38	<1	51	<1	210	<10	38.5
54911	100	<1	9	21	<1	8	<1	240	<10	16.6
54912	40	<1	5	17	<1	10	<1	570	<10	4.0
54913	50	<1	27	77	<1	26	<1	40	<10	20.4
54914	90	<1	46	67	<1	51	<1	<10	<10	10.2
54915	140	<1	75	79	<1	79	<1	600	<10	58.3
54916	140	<1	63	65	<1	69	<1	710	<10	35.5
54917	50	<1	2	55	<1	4	<1	710	<10	3.6
54918	30	<1	2	31	<1	4	<1	590	<10	2.8
54919	60	<1	1	21	<1	3	<1	1020	<10	3.1
54920	20	<1	11	68	<1	15	<1	580	<10	13.3
54921	60	<1	7	59	<1	13	<1	720	<10	9.8
54922	40	<1	8	61	<1	14	<1	650	<10	7.6
54923	40	<1	2	33	<1	7	<1	640	<10	3.4
54924	40	<1	4	33	<1	9	<1	760	<10	6.3
54925	50	<1	2	24	<1	7	<1	640	<10	3.6
54926	30	<1	5	45	<1	12	<1	690	<10	5.9

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54927	30	<1	3	40	<1	9	<1	660	<10	3.7
54928	30	<1	4	55	<1	9	<1	600	<10	2.9
*Dup 54643	100	<1	13	71	<1	14	<1	80	<10	9.0
*Dup 54655	120	<1	15	11	<1	20	<1	660	<10	8.4
*Dup 54667	20	<1	5	13	<1	9	<1	900	<10	2.0
*Dup 54679	140	<1	15	25	<1	17	<1	910	<10	38.1
*Dup 54691	20	<1	2	86	<1	6	<1	610	<10	3.2
*Dup 54703	50	<1	2	24	<1	8	<1	720	<10	3.3
*Dup 54903	80	<1	10	91	<1	10	<1	20	<10	12.9
*Dup 54915	140	<1	79	88	<1	82	<1	600	<10	61.1
*Dup 54927	40	<1	5	40	<1	11	<1	620	<10	4.8

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54643	1000	<0.5	5	1	63	4	40	28
54644	112	0.6	23	<1	1260	63	20	25
54645	123	<0.5	10	<1	61	4	<20	19
54646	12	<0.5	4	<1	51	3	<20	34
54647	8	0.6	1	<1	28	2	<20	19
54648	9	<0.5	3	<1	32	2	<20	12
54649	16	0.5	5	<1	104	6	<20	32
54650	80	<0.5	3	<1	11	<1	<20	12
54651	6	0.6	<1	<1	27	2	<20	6
54652	9	<0.5	3	<1	60	5	20	20
54653	155	<0.5	15	<1	30	2	<20	25
54654	148	<0.5	3	<1	11	<1	<20	16
54655	8	<0.5	12	<1	66	4	<20	15
54656	12	<0.5	6	<1	68	5	<20	40
54657	7	<0.5	8	<1	45	3	<20	7
54658	7	<0.5	4	<1	35	3	30	6
54659	7	<0.5	6	<1	39	3	<20	6
54660	9	<0.5	4	<1	62	6	40	<5
54661	10	<0.5	5	<1	55	4	<20	12
54662	7	<0.5	11	<1	42	3	<20	<5
54663	7	<0.5	3	<1	40	3	<20	9
54664	10	<0.5	23	<1	87	6	<20	25
54665	7	<0.5	13	<1	49	4	20	7
54666	7	<0.5	4	<1	36	2	20	9
54667	7	<0.5	4	<1	33	2	<20	11
54668	7	<0.5	5	<1	49	3	30	11
54669	7	<0.5	2	<1	30	2	<20	8
54670	7	<0.5	4	<1	45	4	60	7
54671	869	<0.5	26	<1	314	24	30	124
54672	1700	<0.5	5	<1	39	3	30	69
54673	1110	<0.5	6	<1	53	4	40	36
54674	871	<0.5	3	<1	16	1	320	28
54675	381	<0.5	5	<1	40	3	60	42
54676	191	<0.5	4	<1	127	8	20	74
54677	21	<0.5	2	<1	88	6	70	29
54678	62	<0.5	10	1	185	16	120	153
54679	33	<0.5	2	2	93	8	<20	103
54680	7	<0.5	1	<1	45	3	<20	10
54681	7	<0.5	4	<1	42	3	30	10
54682	101	<0.5	27	<1	130	10	90	55
54683	9	<0.5	10	<1	69	5	50	16
54684	17	0.5	14	<1	111	10	80	40
54685	12	<0.5	<1	<1	46	3	40	19
54686	13	<0.5	6	<1	101	8	50	23
54687	93	<0.5	5	<1	63	5	30	71
54688	18	<0.5	4	<1	65	5	60	23
54689	11	<0.5	1	<1	51	4	50	15
54690	32	<0.5	1	1	52	5	50	127

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54691	9	0.7	2	<1	70	6	<20	17
54692	6	0.6	22	<1	87	8	180	43
54693	53	1.1	7	<1	169	9	40	53
54694	619	0.5	5	<1	55	4	130	30
54695	585	<0.5	3	<1	21	2	40	22
54696	1550	<0.5	4	<1	27	2	150	50
54697	843	<0.5	2	<1	8	<1	70	19
54698	20	<0.5	6	<1	149	10	60	18
54699	7	<0.5	2	<1	47	4	40	9
54700	7	<0.5	4	<1	62	6	40	<5
54701	7	<0.5	4	<1	83	6	40	<5
54702	7	<0.5	<1	<1	54	4	<20	9
54703	8	<0.5	1	<1	43	3	<20	10
54704	8	<0.5	1	<1	52	4	<20	10
54705	8	<0.5	5	<1	67	6	<20	11
54706	12	<0.5	2	<1	64	6	<20	18
54707	4	<0.5	4	<1	43	5	<20	<5
54708	8	<0.5	13	<1	74	7	<20	15
54709	11	<0.5	4	<1	74	8	30	7
54710	8	<0.5	4	<1	61	6	50	10
54711	9	<0.5	4	<1	84	7	40	12
54712	1690	0.5	11	1	480	32	150	171
54901	12	<0.5	12	<1	69	4	<20	8
54902	1080	0.6	5	<1	106	8	20	40
54903	814	0.5	4	<1	52	5	20	42
54904	801	<0.5	10	<1	152	12	20	32
54905	13	<0.5	8	<1	275	18	30	39
54906	8	<0.5	4	<1	88	7	<20	19
54907	89	<0.5	9	<1	15	1	<20	11
54908	492	<0.5	8	<1	22	2	40	31
54909	248	<0.5	22	<1	47	4	40	36
54910	217	0.6	148	<1	185	15	30	73
54911	181	<0.5	25	<1	25	2	<20	39
54912	14	<0.5	3	<1	56	5	30	9
54913	853	0.6	7	<1	71	6	20	44
54914	129	<0.5	7	<1	132	8	80	17
54915	28	<0.5	16	<1	423	37	270	78
54916	19	<0.5	20	<1	306	25	210	49
54917	<3	<0.5	2	<1	46	7	50	<5
54918	<3	<0.5	2	<1	57	9	70	<5
54919	4	<0.5	8	<1	32	6	100	<5
54920	8	<0.5	8	<1	71	5	<20	14
54921	6	<0.5	6	<1	78	7	20	10
54922	7	<0.5	4	<1	71	5	20	11
54923	6	<0.5	3	<1	43	3	20	8
54924	9	<0.5	12	<1	58	5	40	10
54925	9	<0.5	5	<1	41	3	20	9
54926	8	<0.5	5	<1	73	6	<20	12

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54927	9	<0.5	3	<1	59	5	<20	12
54928	8	<0.5	3	<1	51	4	<20	8
*Dup 54643	1020	<0.5	5	<1	49	4	<20	25
*Dup 54655	9	<0.5	14	<1	78	5	<20	17
*Dup 54667	8	<0.5	4	<1	37	2	<20	13
*Dup 54679	29	<0.5	2	2	86	8	30	90
*Dup 54691	8	0.6	2	<1	55	5	<20	10
*Dup 54703	9	<0.5	1	<1	53	4	<20	10
*Dup 54903	784	<0.5	3	<1	33	4	<20	34
*Dup 54915	30	<0.5	17	<1	437	38	260	76
*Dup 54927	9	<0.5	3	<1	64	5	30	13

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
54713	4	<10	0.5	600	<1	315.4992	<10	135	38	340
54714	10	<10	0.2	910	<1	402.1464	20	284	20	570
54715	12	<10	0.4	620	<1	384.3064	20	13	133	590
54716	11	<10	0.2	440	<1	370.8736	30	51	29	500
54717	4	<10	0.3	890	<1	333.0024	<10	248	58	2620
54718	10	<10	0.3	640	<1	408.3944	20	31	24	1160
54719	3	<10	0.3	500	<1	292.06	<10	32	<5	290
54720	7	<10	0.4	590	<1	363.7128	<10	52	<5	360
54721	11	<10	0.4	640	<1	355.5968	<10	15	121	900
54722	5	<10	0.4	620	<1	335.9312	<10	26	<5	330
54723	10	<10	0.4	680	<1	364.004	<10	29	<5	770
54724	11	<10	0.4	590	<1	389.5152	<10	84	<5	590
54725	8	<10	0.6	580	<1	348.4512	<10	19	<5	280
54726	7	<10	0.5	620	<1	344.376	<10	39	<5	440
54727	5	<10	0.1	810	<1	299.24	<10	24	<5	180
54728	3	<10	0.2	650	<1	283.66	<10	21	<5	150
54729	4	<10	0.1	670	<1	307.4536	<10	82	6	220
54730	4	<10	0.3	660	<1	295.8848	<10	58	<5	200
54731	6	<10	0.2	780	<1	362.7912	<10	40	<5	250
54732	4	<10	0.2	650	<1	315.9712	<10	54	<5	220
54733	5	<10	0.2	800	<1	320.0808	<10	63	<5	280
54734	<1	<10	<0.1	150	<1	236.7184	30	<5	15	50
54735	8	10	0.3	1690	<1	386.5688	<10	321	27	2390
54736	5	10	0.1	1500	<1	312.2392	<10	115	32	2270
54737	<1	<10	<0.1	190	<1	228.2208	30	<5	7	30
54738	7	<10	0.2	950	<1	324.5656	<10	23	<5	270
54739	5	<10	0.3	900	<1	345.056	<10	24	7	390
54740	5	<10	0.2	790	<1	331.2696	<10	15	<5	200
54741	13	<10	0.3	840	<1	433.768	<10	6	<5	630
54742	4	<10	<0.1	760	<1	434.8368	10	337	12	370
54743	7	<10	0.2	1170	<1	368.3976	<10	150	<5	510
54744	4	<10	0.3	830	<1	310.4296	<10	32	<5	420
54745	6	<10	0.3	830	<1	347.296	<10	32	<5	410
54746	7	<10	0.5	830	<1	363.0008	<10	20	<5	350
54747	13	<10	0.1	570	<1	378.4864	20	39	12	430
54748	9	<10	0.4	860	<1	401.9832	<10	27	7	370
54749	6	<10	0.3	820	<1	376.8456	<10	22	10	320
54750	7	<10	0.2	860	<1	425.8208	<10	138	8	420
54751	4	<10	0.4	820	<1	353.3984	<10	13	<5	310
54752	3	<10	<0.1	1150	<1	340.8712	<10	155	9	250
54753	3	<10	0.2	1450	<1	381.0752	<10	12	<5	100
54754	2	<10	0.2	1000	<1	380.8352	<10	29	<5	140
54755	2	<10	<0.1	700	<1	253.8616	<10	59	24	160
54756	4	<10	0.5	1110	<1	530.761	<10	6	<5	150
54757	3	20	0.3	1570	<1	483.859	<10	224	<5	190
54758	5	<10	0.3	1460	<1	400.1424	<10	244	12	440
54759	3	<10	1.4	800	<1	326.004	<10	55	<5	200
54760	4	<10	0.3	1260	<1	380.9648	<10	50	<5	150

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54761	3	<10	0.1	560	<1	245.2248	<10	456	7	200
54762	5	<10	1.1	1020	<1	418.776	<10	51	<5	280
54763	3	<10	<0.1	750	<1	433.4088	30	365	20	360
54764	5	<10	0.1	900	<1	333.7816	<10	78	6	240
54765	5	<10	0.2	940	<1	321.276	<10	24	<5	250
54766	2	<10	0.2	1610	<1	281.1632	<10	86	<5	160
54767	5	<10	0.1	1540	<1	418.0504	<10	69	<5	110
54768	3	10	0.2	2130	<1	570.006	<10	197	8	110
54769	1	<10	<0.1	780	<1	236.5776	<10	355	<5	100
54770	2	<10	<0.1	750	<1	307.631	<10	462	13	110
54771	3	<10	0.2	990	<1	366.9456	<10	62	6	390
54772	5	<10	0.2	1470	<1	421.88	<10	272	19	370
54773	5	<10	0.3	1340	<1	463.4744	<10	187	<5	250
54774	2	<10	0.1	940	<1	362.12	<10	12	<5	130
54775	5	<10	0.3	1650	<1	337.5456	<10	168	6	270
54776	2	<10	<0.1	1270	<1	228.4344	<10	111	5	20
54777	4	<10	0.5	1430	<1	377.5144	<10	25	<5	130
54778	5	<10	<0.1	1750	<1	406.3864	<10	132	<5	140
54779	6	<10	<0.1	2380	<1	382.18	<10	165	7	220
*Dup 54713	3	<10	0.3	760	<1	299.3168	<10	104	44	290
Dup 54725	12	<10	0.4	780	<1	383.728	<10	19	<5	320
Dup 54737	<1	<10	<0.1	210	<1	256.252	30	<5	10	40
*Dup 54749	6	<10	0.4	1120	<1	588.311	<10	16	16	470
*Dup 54761	3	<10	<0.1	520	<1	251.3264	<10	512	12	300
Dup 54773	5	<10	0.2	1490	<1	697.194	<10	266	<5	250

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54713	11	5.9	2.9	16	12	66	<5	<0.5	38	109
54714	30	13.0	9.1	44	65	103	<5	<0.5	139	186
54715	3	2.4	<0.5	3	2	97	<5	<0.5	6	204
54716	4	4.5	0.8	4	11	69	<5	<0.5	16	186
54717	13	6.5	4.8	23	58	83	5	0.8	113	122
54718	4	3.4	1.1	5	10	99	<5	<0.5	20	136
54719	8	4.0	2.2	12	8	89	<5	<0.5	26	27
54720	11	5.2	3.3	17	11	110	<5	<0.5	33	47
54721	2	1.6	0.5	3	6	109	6	<0.5	11	231
54722	9	4.5	2.5	14	8	108	<5	<0.5	28	30
54723	19	8.1	5.1	27	18	122	<5	<0.5	57	58
54724	12	5.3	3.6	19	12	130	<5	<0.5	39	61
54725	9	3.8	2.4	13	9	116	<5	<0.5	28	28
54726	9	3.7	2.8	14	11	116	<5	<0.5	34	38
54727	5	2.3	2.0	9	11	85	<5	<0.5	28	25
54728	6	2.5	1.8	9	7	74	31	<0.5	22	23
54729	6	2.9	1.9	10	7	58	<5	<0.5	24	57
54730	6	2.9	2.0	10	8	74	<5	<0.5	24	39
54731	7	3.5	1.9	9	5	120	<5	<0.5	17	64
54732	6	2.7	1.9	9	6	87	<5	<0.5	21	45
54733	7	3.3	1.9	10	7	87	6	<0.5	23	66
54734	<1	1.7	<0.5	<1	<1	31	<5	<0.5	1	312
54735	23	10.6	8.2	38	107	80	<5	1.1	176	139
54736	13	6.3	4.4	22	31	64	<5	<0.5	76	48
54737	<1	1.0	<0.5	<1	<1	23	<5	<0.5	<1	227
54738	6	2.6	1.9	9	8	86	<5	<0.5	23	34
54739	7	3.2	1.8	9	6	93	<5	<0.5	20	59
54740	6	2.6	2.0	10	11	92	<5	<0.5	29	33
54741	11	4.7	4.2	20	29	98	<5	<0.5	66	96
54742	19	8.7	7.1	33	117	86	<5	0.8	175	125
54743	14	5.9	5.5	24	45	84	<5	<0.5	95	109
54744	7	3.2	1.9	10	8	89	<5	<0.5	23	39
54745	7	3.5	2.1	11	8	95	<5	<0.5	23	47
54746	7	3.3	2.3	11	9	124	<5	<0.5	26	44
54747	5	4.1	1.4	7	15	93	<5	<0.5	27	151
54748	7	2.9	2.2	11	10	115	<5	<0.5	29	87
54749	6	3.0	2.0	10	8	106	<5	<0.5	23	55
54750	10	3.9	4.0	17	33	98	<5	<0.5	68	136
54751	5	2.2	1.6	8	7	113	<5	<0.5	21	35
54752	9	3.6	4.4	18	63	69	<5	<0.5	101	56
54753	5	2.3	1.6	8	5	74	<5	<0.5	18	23
54754	3	1.4	1.1	5	6	94	<5	<0.5	16	23
54755	8	3.7	3.1	14	15	75	<5	<0.5	44	32
54756	5	2.5	1.5	8	2	144	<5	1.5	12	21
54757	14	5.1	6.7	28	87	78	<5	0.6	150	52
54758	23	10.5	9.1	43	108	87	<5	<0.5	187	58
54759	4	1.6	1.4	7	11	74	<5	<0.5	25	33
54760	8	3.3	3.1	14	28	92	<5	<0.5	54	37

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54761	18	7.9	7.8	34	154	35	<5	1.1	211	85
54762	13	6.2	3.8	20	12	105	<5	<0.5	40	47
54763	22	10.5	8.0	37	125	77	<5	1.3	181	193
54764	8	3.6	2.5	12	12	80	<5	<0.5	32	56
54765	7	3.1	2.0	10	8	88	<5	<0.5	23	24
54766	14	5.4	7.1	32	110	59	6	<0.5	166	27
54767	9	3.4	3.2	14	28	100	<5	<0.5	53	31
54768	9	3.5	4.5	18	65	89	<5	1.7	102	41
54769	11	4.4	5.6	24	106	43	<5	0.8	147	49
54770	12	5.1	6.3	26	122	36	<5	2.2	160	71
54771	6	3.0	2.0	11	10	85	<5	<0.5	28	32
54772	29	11.9	11.3	53	123	122	<5	<0.5	209	68
54773	25	10.5	9.6	46	99	125	<5	<0.5	169	35
54774	3	1.7	1.1	6	7	94	<5	<0.5	17	22
54775	16	6.2	6.8	31	69	74	<5	<0.5	130	75
54776	4	1.5	2.2	9	44	34	<5	0.6	58	23
54777	7	3.1	2.6	12	11	98	<5	<0.5	35	29
54778	9	3.8	4.1	19	54	75	<5	<0.5	86	41
54779	10	4.0	4.7	21	67	95	<5	<0.5	106	39
Dup 54713	9	4.8	2.6	14	16	64	<5	<0.5	36	112
*Dup 54725	10	4.4	2.9	14	12	131	<5	<0.5	32	46
*Dup 54737	<1	1.3	<0.5	<1	<1	31	<5	<0.5	<1	219
Dup 54749	6	2.9	2.0	10	3	124	<5	0.9	19	90
Dup 54761	19	8.5	8.4	37	181	36	<5	1.1	237	87
*Dup 54773	27	9.9	11.6	52	144	139	<5	0.8	217	35

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Element Method Det.Lim. Units	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB
54713	50	<1	6	18	<1	12	<1	580	<10	7.9
54714	170	<1	26	82	<1	38	<1	640	<10	35.5
54715	30	<1	1	43	<1	2	<1	650	<10	2.5
54716	100	<1	3	101	<1	4	<1	520	<10	2.3
54717	170	<1	23	17	<1	22	<1	550	<10	36.1
54718	50	<1	4	58	<1	5	<1	480	<10	2.6
54719	30	<1	4	28	<1	9	<1	510	<10	3.6
54720	30	<1	5	30	<1	12	<1	550	<10	3.9
54721	20	<1	2	19	<1	2	<1	540	<10	2.5
54722	40	<1	4	30	<1	10	<1	550	<10	3.3
54723	70	<1	9	62	<1	19	<1	480	<10	7.0
54724	30	<1	6	65	<1	14	<1	510	<10	4.0
54725	20	<1	4	41	<1	9	<1	570	<10	2.7
54726	50	<1	5	42	<1	11	<1	560	<10	3.6
54727	20	<1	5	13	<1	8	<1	610	<10	1.7
54728	20	<1	3	6	<1	7	<1	600	<10	2.3
54729	30	<1	4	8	<1	7	<1	620	<10	2.6
54730	40	<1	4	<5	<1	8	<1	640	<10	3.3
54731	20	<1	2	9	<1	6	<1	770	<10	1.3
54732	30	<1	3	7	<1	7	<1	700	<10	2.1
54733	30	<1	3	<5	<1	7	<1	710	<10	2.6
54734	40	<1	<1	<5	<1	<1	<1	380	<10	<0.5
54735	400	<1	38	10	<1	36	<1	700	<10	36.2
54736	220	<1	14	<5	2	19	<1	730	<10	14.6
54737	20	<1	<1	7	<1	<1	<1	350	<10	<0.5
54738	30	<1	3	22	<1	7	<1	590	<10	2.1
54739	40	<1	3	13	<1	7	<1	550	<10	3.7
54740	10	<1	5	47	<1	8	<1	500	<10	2.6
54741	<10	<1	12	60	<1	18	<1	800	<10	4.7
54742	140	<1	39	26	<1	34	<1	460	<10	20.3
54743	30	<1	18	23	<1	24	<1	420	<10	10.9
54744	80	<1	3	24	<1	8	<1	710	<10	3.9
54745	50	<1	4	24	<1	8	<1	780	<10	3.4
54746	30	<1	4	45	<1	8	<1	540	<10	2.9
54747	40	<1	5	52	<1	6	<1	600	<10	2.8
54748	20	<1	5	38	<1	9	<1	640	<10	3.0
54749	30	<1	4	34	<1	7	<1	510	<10	3.5
54750	30	<1	13	29	<1	17	<1	420	<10	9.3
54751	<10	<1	3	9	<1	6	<1	340	<10	2.7
54752	20	<1	21	23	<1	20	<1	410	<10	9.9
54753	10	<1	3	15	<1	6	<1	540	<10	1.8
54754	10	<1	3	15	<1	4	<1	550	<10	1.2
54755	20	<1	7	10	<1	12	<1	290	<10	3.8
54756	30	<1	1	23	<1	5	<1	720	<10	1.9
54757	50	2	30	27	1	31	1	610	<10	14.2
54758	10	<1	36	30	<1	40	<1	520	<10	11.3
54759	10	<1	4	21	<1	6	<1	490	<10	2.9
54760	10	<1	10	25	<1	13	<1	650	<10	5.5

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Element Method Det.Lim. Units	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB
54761	70	<1	48	29	<1	36	<1	300	<10	32.5
54762	20	<1	6	31	<1	14	<1	620	<10	4.7
54763	270	<1	41	59	<1	37	<1	510	<10	26.1
54764	30	<1	5	25	<1	10	<1	560	<10	3.2
54765	40	<1	4	34	<1	7	<1	630	<10	3.6
54766	20	<1	33	22	<1	33	<1	390	<10	5.7
54767	20	<1	10	25	<1	13	<1	540	<10	6.7
54768	20	<1	22	43	<1	21	<1	670	<10	26.0
54769	60	<1	33	31	<1	26	<1	280	<10	21.4
54770	30	<1	38	42	<1	29	1	300	<10	27.8
54771	30	<1	4	16	<1	8	<1	530	<10	2.7
54772	20	<1	41	31	<1	48	<1	470	<10	31.6
54773	10	<1	32	20	<1	40	<1	500	<10	16.2
54774	10	<1	3	20	<1	5	<1	410	<10	1.7
54775	20	<1	24	26	<1	30	<1	430	<10	5.2
54776	10	<1	13	21	<1	10	<1	300	<10	11.2
54777	20	<1	5	19	<1	10	<1	440	<10	4.0
54778	20	<1	17	19	<1	19	<1	560	<10	6.6
54779	30	<1	21	23	<1	22	<1	460	<10	11.4
*Dup 54713	40	<1	6	16	<1	11	<1	510	<10	5.0
*Dup 54725	40	<1	5	52	<1	11	<1	570	<10	3.6
*Dup 54737	30	<1	<1	6	<1	<1	<1	340	<10	<0.5
*Dup 54749	40	<1	3	50	<1	8	<1	710	<10	3.0
*Dup 54761	80	<1	55	30	<1	41	<1	280	<10	32.2
*Dup 54773	<10	<1	45	21	<1	51	<1	690	<10	14.4

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54713	9	<0.5	3	<1	66	4	40	13
54714	14	<0.5	72	<1	130	9	50	23
54715	<3	<0.5	9	<1	10	3	<20	<5
54716	<3	<0.5	44	<1	20	4	80	<5
54717	18	<0.5	27	1	69	6	30	50
54718	<3	<0.5	10	<1	17	3	30	<5
54719	10	<0.5	3	<1	47	3	<20	10
54720	8	<0.5	6	<1	58	4	30	10
54721	<3	<0.5	13	<1	10	2	30	<5
54722	7	<0.5	3	<1	50	3	<20	7
54723	10	<0.5	4	<1	90	6	<20	17
54724	7	<0.5	8	<1	59	4	<20	7
54725	8	<0.5	8	<1	45	3	<20	9
54726	8	<0.5	7	<1	45	3	<20	9
54727	9	<0.5	2	<1	29	2	<20	7
54728	8	<0.5	3	<1	31	2	30	10
54729	16	<0.5	1	<1	36	2	20	12
54730	10	<0.5	3	<1	34	2	30	10
54731	8	<0.5	5	<1	37	3	30	8
54732	9	<0.5	4	<1	34	2	30	8
54733	13	<0.5	4	<1	37	2	50	8
54734	<3	<0.5	5	<1	6	2	850	<5
54735	25	<0.5	21	<1	110	8	30	45
54736	13	<0.5	11	<1	67	5	20	39
54737	<3	<0.5	2	<1	<5	1	710	<5
54738	8	<0.5	3	<1	31	2	<20	8
54739	8	<0.5	1	<1	35	2	<20	9
54740	11	<0.5	1	<1	30	2	<20	8
54741	9	<0.5	12	<1	59	3	<20	11
54742	38	<0.5	26	<1	103	7	90	19
54743	11	<0.5	7	<1	71	4	<20	20
54744	8	<0.5	7	<1	36	2	30	14
54745	9	<0.5	6	<1	39	3	30	14
54746	8	<0.5	3	<1	39	2	<20	10
54747	<3	<0.5	41	<1	29	4	40	<5
54748	8	<0.5	9	<1	35	2	<20	8
54749	8	<0.5	2	<1	33	2	30	14
54750	10	<0.5	3	<1	49	3	<20	17
54751	9	<0.5	1	<1	28	2	<20	17
54752	13	<0.5	3	<1	45	3	<20	12
54753	9	<0.5	<1	<1	29	2	<20	8
54754	8	<0.5	<1	<1	20	1	<20	12
54755	12	<0.5	<1	<1	46	3	<20	16
54756	59	<0.5	<1	1	32	2	30	33
54757	87	<0.5	3	1	64	3	150	40
54758	15	<0.5	2	<1	135	7	<20	29
54759	8	<0.5	1	<1	21	1	<20	11
54760	9	<0.5	5	<1	39	2	<20	9

SGS

Final : 085194

Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54761	123	<0.5	21	<1	85	6	50	44
54762	10	<0.5	2	<1	71	5	50	14
54763	79	<0.5	57	<1	114	8	300	27
54764	9	<0.5	3	<1	41	2	20	9
54765	9	<0.5	3	<1	37	2	20	9
54766	9	<0.5	2	<1	74	3	<20	6
54767	9	<0.5	2	<1	36	2	<20	9
54768	81	0.7	6	<1	38	3	<20	43
54769	112	<0.5	12	<1	53	3	<20	21
54770	251	<0.5	8	<1	53	4	<20	74
54771	9	<0.5	3	<1	43	2	<20	15
54772	11	0.6	4	<1	131	8	30	36
54773	10	<0.5	3	<1	119	7	<20	28
54774	9	<0.5	<1	<1	22	1	<20	10
54775	10	<0.5	3	<1	78	4	<20	8
54776	84	<0.5	6	<1	17	1	<20	13
54777	9	<0.5	1	<1	36	2	<20	12
54778	11	<0.5	2	<1	46	3	30	11
54779	11	<0.5	2	<1	48	3	<20	17
*Dup 54713	14	<0.5	2	<1	54	4	40	13
*Dup 54725	8	<0.5	10	<1	49	3	<20	6
*Dup 54737	<3	<0.5	4	<1	<5	1	770	<5
*Dup 54749	13	0.6	2	<1	35	2	<20	18
*Dup 54761	113	<0.5	21	<1	92	7	40	42
*Dup 54773	11	<0.5	3	<1	121	7	<20	35

SGS

Final : 085195

Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
54929	<1	<10	<0.1	260	<1	327.377	20	12	11	30
54930	<1	<10	<0.1	650	<1	274.234	20	16	14	30
54931	<1	<10	<0.1	500	<1	306.696	<10	11	8	30
54932	<1	<10	<0.1	420	<1	334.007	<10	7	7	20
54933	<1	<10	<0.1	320	<1	325.263	10	<5	15	30
54934	<1	<10	<0.1	320	<1	320.102	10	7	14	30
54935	<1	<10	<0.1	280	<1	325.683	<10	<5	6	10
54936	<1	<10	<0.1	260	<1	345.086	20	<5	9	30
54937	<1	<10	<0.1	270	<1	372.088	10	9	10	20
54938	<1	<10	<0.1	220	<1	334.682	<10	7	10	20
54939	<1	<10	<0.1	250	<1	336.379	20	<5	21	20
54940	<1	<10	<0.1	150	<1	297.514	<10	<5	28	40
54941	<1	<10	<0.1	200	<1	321.517	10	8	9	30
54942	<1	<10	<0.1	200	<1	283.539	10	6	13	20
54943	<1	<10	<0.1	200	<1	315.232	10	7	12	30
54944	<1	<10	<0.1	170	<1	300.301	<10	8	20	40
54945	<1	<10	<0.1	190	<1	344.874	<10	5	13	30
54946	1	<10	<0.1	190	<1	393.457	30	8	5	20
54947	<1	<10	<0.1	160	<1	325.263	<10	<5	12	20
54948	<1	<10	<0.1	200	<1	401.824	30	10	11	30
54949	<1	<10	<0.1	170	<1	348.756	20	11	12	30
54950	<1	<10	<0.1	150	<1	399.608	20	<5	19	50
54951	<1	<10	<0.1	130	<1	324.853	10	<5	9	20
54952	<1	<10	<0.1	120	<1	347.857	20	<5	10	30
54953	<1	<10	<0.1	170	<1	380.356	20	<5	8	20
54954	<1	<10	<0.1	170	<1	346.094	20	<5	16	20
54955	<1	<10	<0.1	190	<1	386.826	20	<5	15	20
54956	<1	<10	<0.1	150	<1	357.696	10	8	12	20
54957	<1	<10	<0.1	140	<1	301.27	20	7	11	30
54958	<1	<10	<0.1	130	<1	358.582	<10	<5	6	10
54959	12	<10	0.1	700	<1	466.657	10	122	20	400
54960	4	<10	0.2	570	<1	376.492	<10	17	25	510
54961	11	<10	0.1	980	<1	518.075	<10	429	14	400
54962	10	<10	0.2	730	<1	537.493	<10	<5	11	630
54963	7	<10	0.2	790	<1	627.588	<10	6	8	520
54964	3	<10	0.1	500	<1	231.291	<10	12	25	570
54965	4	<10	0.3	510	<1	349.292	<10	12	39	500
54966	3	<10	0.1	540	<1	264.54	<10	7	16	310
54967	4	<10	0.3	610	<1	369.896	<10	17	30	570
54968	8	<10	0.3	800	<1	578.43	<10	<5	10	510
54969	7	<10	<0.1	430	<1	547.896	<10	78	<5	240
54970	4	<10	0.1	490	<1	314.372	<10	16	<5	330
54971	5	<10	0.2	650	<1	446.175	<10	8	43	550
54972	3	<10	0.2	470	<1	225.571	<10	8	10	650
*Dup 54929	<1	<10	<0.1	250	<1	334.303	20	13	11	30
*Dup 54941	<1	<10	<0.1	210	<1	295.724	10	7	11	30
*Dup 54953	<1	<10	<0.1	160	<1	339.101	20	<5	9	20
*Dup 54965	3	<10	0.2	470	<1	335.35	<10	8	36	450

SGS

Final : 085195

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54929	2	1.7	0.5	3	5	39	<5	<0.5	7	31
54930	2	1.5	0.6	3	5	28	<5	<0.5	8	35
54931	2	1.4	0.7	3	5	34	<5	<0.5	7	35
54932	<1	0.6	<0.5	1	3	34	<5	<0.5	4	32
54933	2	1.9	<0.5	1	1	23	<5	<0.5	2	30
54934	2	1.0	<0.5	2	3	36	<5	<0.5	4	32
54935	1	0.9	<0.5	1	2	39	<5	<0.5	3	33
54936	2	1.3	<0.5	1	2	33	<5	<0.5	3	30
54937	2	1.5	<0.5	2	3	42	<5	<0.5	5	35
54938	2	1.3	<0.5	2	3	36	<5	<0.5	5	32
54939	1	1.0	<0.5	1	2	34	<5	<0.5	3	29
54940	2	1.3	<0.5	<1	<1	26	<5	<0.5	2	35
54941	2	1.2	<0.5	2	3	36	<5	<0.5	5	31
54942	1	0.9	<0.5	1	2	28	<5	<0.5	4	26
54943	3	1.8	0.5	2	2	35	<5	<0.5	5	34
54944	2	1.3	<0.5	2	3	37	<5	<0.5	5	29
54945	1	0.9	<0.5	1	2	34	<5	<0.5	4	30
54946	2	1.4	0.5	2	3	38	<5	<0.5	5	45
54947	2	1.5	<0.5	2	2	34	<5	<0.5	3	31
54948	3	1.6	0.6	2	4	37	<5	<0.5	7	48
54949	2	1.6	0.5	2	3	35	<5	<0.5	6	45
54950	2	1.4	<0.5	1	1	29	<5	<0.5	3	53
54951	2	1.6	<0.5	1	1	34	<5	<0.5	3	27
54952	2	1.3	<0.5	1	<1	27	<5	<0.5	1	32
54953	<1	0.6	<0.5	<1	<1	31	<5	<0.5	1	35
54954	1	0.9	<0.5	1	1	34	<5	<0.5	2	32
54955	1	1.0	<0.5	1	1	40	<5	<0.5	2	32
54956	1	0.8	<0.5	1	3	32	<5	<0.5	4	40
54957	1	1.0	<0.5	2	2	31	<5	<0.5	4	32
54958	1	0.9	<0.5	1	2	37	<5	<0.5	3	39
54959	15	5.8	5.5	26	50	140	<5	<0.5	97	145
54960	8	5.0	1.9	10	7	133	<5	<0.5	19	86
54961	72	41.5	17.9	95	281	117	<5	<0.5	354	128
54962	11	7.4	1.5	10	5	135	<5	<0.5	11	127
54963	9	5.7	1.7	10	9	128	<5	<0.5	19	126
54964	4	2.1	1.1	6	5	58	<5	<0.5	13	60
54965	8	4.5	2.1	11	9	87	<5	<0.5	22	96
54966	3	1.8	0.9	5	4	68	<5	<0.5	11	45
54967	8	4.4	1.9	10	7	99	<5	<0.5	19	90
54968	10	5.4	2.0	11	6	150	<5	<0.5	17	113
54969	8	4.1	2.3	11	27	88	<5	<0.5	47	270
54970	4	2.1	1.3	6	9	67	<5	<0.5	20	58
54971	10	5.9	2.2	13	8	120	<5	<0.5	21	100
54972	4	2.0	1.0	5	3	100	5	<0.5	9	52
*Dup 54929	2	1.5	0.6	3	6	41	<5	<0.5	8	36
*Dup 54941	2	1.2	<0.5	1	3	35	<5	<0.5	4	30
*Dup 54953	<1	0.7	<0.5	<1	<1	28	<5	<0.5	1	32
*Dup 54965	7	3.6	1.6	9	6	81	<5	<0.5	17	86

SGS

Final : 085195

Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54929	17	<0.5	3	<1	14	1	1260	<5
54930	42	<0.5	5	<1	14	1	1420	<5
54931	25	<0.5	1	<1	14	1	750	<5
54932	17	<0.5	<1	<1	6	<1	670	<5
54933	3	<0.5	<1	<1	10	2	970	<5
54934	10	<0.5	<1	<1	10	<1	1050	<5
54935	4	<0.5	<1	<1	8	<1	580	<5
54936	8	<0.5	<1	<1	9	1	1390	<5
54937	12	<0.5	1	<1	12	1	1060	<5
54938	7	<0.5	<1	<1	12	1	970	<5
54939	19	<0.5	2	<1	8	<1	1060	<5
54940	6	<0.5	1	<1	8	1	980	<5
54941	19	<0.5	<1	<1	11	1	870	<5
54942	20	<0.5	<1	<1	8	<1	1190	<5
54943	32	<0.5	2	<1	16	2	960	<5
54944	17	<0.5	1	<1	12	1	1030	<5
54945	11	<0.5	1	<1	9	<1	700	<5
54946	13	<0.5	2	<1	14	1	650	<5
54947	24	<0.5	<1	<1	11	1	950	<5
54948	22	<0.5	3	<1	15	1	410	<5
54949	32	<0.5	2	<1	15	1	690	<5
54950	11	<0.5	10	<1	10	1	450	<5
54951	10	<0.5	<1	<1	10	1	1090	<5
54952	5	<0.5	1	<1	9	1	1390	<5
54953	<3	<0.5	<1	<1	<5	<1	1170	<5
54954	9	<0.5	<1	<1	7	<1	1400	<5
54955	4	<0.5	<1	<1	8	<1	1160	<5
54956	10	<0.5	1	<1	8	<1	380	<5
54957	12	<0.5	<1	<1	9	<1	1140	<5
54958	8	<0.5	<1	<1	8	<1	540	<5
54959	9	<0.5	22	<1	67	4	100	9
54960	9	<0.5	3	<1	46	4	30	10
54961	14	<0.5	15	<1	403	32	30	39
54962	<3	<0.5	1	<1	52	7	20	<5
54963	<3	<0.5	2	<1	48	5	<20	<5
54964	9	<0.5	3	<1	24	2	60	10
54965	6	<0.5	2	<1	48	4	30	12
54966	6	<0.5	1	<1	21	1	20	6
54967	6	<0.5	2	<1	47	4	30	14
54968	9	<0.5	2	<1	53	4	30	7
54969	10	<0.5	16	<1	38	4	20	<5
54970	25	<0.5	2	<1	24	2	<20	12
54971	12	<0.5	4	<1	56	5	30	10
54972	8	<0.5	7	<1	23	2	30	8
Dup 54929	19	<0.5	5	<1	13	1	920	<5
*Dup 54941	21	<0.5	1	<1	10	1	930	<5
Dup 54953	<3	<0.5	<1	<1	<5	<1	1130	<5
Dup 54965	8	<0.5	3	<1	38	3	<20	12

SGS

Final : 085322

Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54780	6	<10	0.3	770	<1	284.554	<10	13	62	810
54781	6	<10	0.2	1130	<1	349.85	<10	96	6	790
54782	6	<10	0.4	1070	<1	372.238	<10	130	<5	480
54783	5	<10	0.2	1240	<1	312.395	<10	157	10	830
54784	8	<10	0.2	910	<1	336.231	<10	20	<5	440
54785	8	<10	0.2	950	<1	644.238	<10	9	12	400
54786	9	<10	0.2	1370	<1	357.53	<10	49	14	570
54787	10	<10	0.1	970	<1	484.041	<10	18	12	630
54788	7	<10	0.2	890	<1	350.344	<10	32	<5	320
54789	8	<10	0.2	740	<1	375.586	<10	9	<5	250
54790	4	<10	0.3	580	<1	315.609	<10	<5	<5	290
54791	9	<10	0.3	860	<1	496.486	<10	9	10	330
54792	10	<10	0.3	840	<1	446.806	<10	5	<5	250
54793	4	<10	0.3	650	<1	315.464	<10	<5	<5	220
54794	1	<10	<0.1	330	<1	305.772	60	11	19	160
54795	<1	<10	<0.1	200	<1	390.638	60	<5	22	100
54796	<1	<10	<0.1	180	<1	310.337	50	12	12	70
54797	<1	<10	<0.1	220	<1	287.34	30	37	30	30
54798	<1	<10	<0.1	140	<1	289.598	70	<5	56	120
54799	8	<10	0.2	1090	<1	413.729	10	119	44	840
54800	<1	<10	<0.1	170	<1	296.082	30	<5	19	30
54801	10	<10	0.2	700	<1	377.218	<10	15	47	1270
54802	6	<10	0.1	720	<1	416.792	<10	60	6	520
54803	4	<10	0.2	530	<1	402.755	<10	27	6	440
54804	6	<10	0.3	740	<1	392.53	<10	<5	<5	400
54805	10	<10	1.9	870	<1	478.073	<10	17	<5	290
54806	7	<10	<0.1	700	<1	603.273	30	111	9	480
54807	10	<10	0.2	800	<1	476.385	<10	<5	<5	250
54808	16	<10	0.2	920	<1	601.716	<10	419	21	820
54809	11	<10	0.2	810	<1	428.81	<10	1460	48	650
54810	15	<10	0.2	770	<1	596.112	20	31	78	1000
54811	6	<10	0.3	510	<1	364.438	<10	15	6	540
54812	10	<10	0.2	720	<1	561.243	<10	<5	19	200
54813	5	<10	0.1	740	<1	484.763	<10	8	8	150
54814	10	<10	0.2	750	<1	488.798	<10	36	12	480
54815	5	<10	0.3	630	<1	487.686	<10	9	8	170
54816	5	<10	0.3	600	<1	297.37	<10	28	<5	150
54817	4	<10	0.3	610	<1	318.372	<10	22	<5	320
54818	5	<10	0.3	520	<1	315.678	<10	95	7	510
54819	10	<10	0.2	820	<1	502.286	<10	97	46	620
54820	7	<10	0.3	660	<1	447.287	<10	75	18	490
54821	12	<10	0.3	790	<1	568.166	<10	<5	34	390
54822	6	<10	0.2	800	<1	607.047	<10	81	20	340
54823	4	<10	0.3	620	<1	309.568	<10	34	<5	180
54824	7	<10	0.3	710	<1	403.164	<10	46	22	420
54825	8	<10	0.2	750	<1	402.575	<10	16	<5	180
54826	3	<10	0.6	470	<1	286.557	<10	33	<5	220
54827	14	<10	0.5	660	<1	642.419	<10	<5	92	680

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54828	10	<10	0.4	550	<1	464.154	<10	30	<5	280
54829	15	<10	0.3	710	<1	571.365	<10	213	87	640
54830	6	<10	0.4	1060	<1	634.659	<10	1010	107	530
54831	22	<10	0.3	680	<1	574.564	<10	21	5	440
54832	19	<10	0.4	740	<1	633.73	<10	<5	10	570
54833	20	<10	0.4	690	<1	611.627	<10	56	26	1080
54834	9	<10	0.4	530	<1	426.96	<10	26	12	800
54835	21	<10	0.3	710	<1	699.863	20	53	49	840
54836	11	<10	0.3	830	<1	542.57	<10	17	9	680
54837	8	<10	0.2	880	<1	592.512	20	318	49	1830
54838	8	<10	0.2	800	<1	436.259	<10	51	22	660
54839	9	<10	0.4	760	<1	470.139	<10	18	17	520
54840	7	<10	0.3	610	<1	444.542	<10	95	20	930
54841	7	<10	0.3	560	<1	331.488	<10	8	<5	380
54842	<1	<10	<0.1	220	<1	297.825	40	36	46	60
54843	6	<10	0.2	740	<1	437.306	<10	<5	<5	320
54844	6	<10	0.2	1110	<1	452.198	<10	17	13	460
54845	2	<10	<0.1	260	<1	439.745	60	<5	15	590
54846	9	<10	0.2	1030	<1	430.222	<10	112	12	1190
54847	5	<10	0.1	1150	<1	385.564	<10	358	11	820
54848	9	<10	0.2	1120	<1	402.758	<10	64	13	1560
54849	11	<10	0.2	1550	<1	392.662	<10	215	11	1850
*Dup 54780	8	<10	<0.1	780	<1	311.033	<10	22	81	950
Dup 54792	8	<10	0.2	840	<1	404.001	<10	<5	<5	230
Dup 54804	5	<10	0.2	830	<1	371.073	<10	<5	<5	410
*Dup 54816	7	<10	0.4	650	<1	298.426	<10	42	<5	160
Dup 54828	15	<10	0.3	650	<1	546.466	<10	20	7	360
Dup 54840	7	<10	0.3	620	<1	384.587	<10	75	19	720

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54780	6	3.3	1.5	8	3	50	<5	<0.5	13	149
54781	10	5.4	3.0	15	43	73	<5	3.1	49	64
54782	10	5.3	3.2	16	60	65	<5	4.4	66	69
54783	11	5.3	3.7	17	73	46	<5	4.7	80	45
54784	8	4.1	1.8	11	4	84	<5	<0.5	16	41
54785	8	6.1	1.1	7	5	103	<5	<0.5	13	95
54786	13	6.4	3.4	18	14	93	<5	<0.5	40	31
54787	11	7.4	2.0	12	4	157	<5	<0.5	17	55
54788	6	3.7	1.8	9	9	72	<5	0.6	20	37
54789	6	3.2	1.3	7	2	106	<5	<0.5	10	18
54790	5	2.8	1.2	7	2	69	<5	<0.5	10	22
54791	9	5.3	2.0	11	5	129	<5	<0.5	18	60
54792	7	3.8	1.4	9	<1	120	<5	<0.5	10	21
54793	4	2.2	0.9	5	<1	86	<5	<0.5	5	14
54794	9	7.1	1.1	6	5	43	<5	<0.5	10	39
54795	5	5.0	<0.5	3	<1	36	<5	<0.5	1	35
54796	11	8.6	1.4	8	4	39	<5	<0.5	11	30
54797	14	8.5	2.8	14	13	41	<5	<0.5	32	20
54798	9	9.5	0.8	5	<1	30	<5	<0.5	4	21
54799	13	6.8	3.7	17	48	95	<5	3.2	61	114
54800	8	6.5	0.9	6	<1	29	<5	<0.5	4	19
54801	6	3.9	1.4	8	5	73	<5	<0.5	13	88
54802	7	3.9	2.2	11	26	89	<5	1.9	34	58
54803	5	2.8	1.6	8	12	89	<5	0.7	20	45
54804	4	2.3	1.1	6	<1	77	<5	<0.5	8	19
54805	12	5.7	3.5	17	21	155	<5	<0.5	46	64
54806	9	4.0	3.6	16	42	87	<5	0.9	75	258
54807	6	2.6	1.6	8	2	118	<5	<0.5	14	64
54808	25	12.4	8.8	41	127	132	<5	1.1	198	104
54809	59	29.2	18.4	89	303	92	<5	1.5	407	150
54810	11	11.5	1.0	8	2	66	<5	<0.5	6	235
54811	9	4.5	1.9	11	4	68	<5	<0.5	17	38
54812	7	6.3	<0.5	5	<1	123	<5	<0.5	<1	21
54813	6	2.8	1.3	7	<1	81	<5	<0.5	10	47
54814	14	7.8	3.1	17	6	123	<5	<0.5	26	106
54815	6	2.9	1.8	9	1	83	<5	<0.5	14	37
54816	4	2.0	1.2	7	<1	76	<5	<0.5	10	16
54817	4	2.4	1.2	6	<1	81	<5	<0.5	7	29
54818	6	3.2	1.8	9	4	69	<5	<0.5	17	68
54819	14	7.2	3.5	17	14	119	<5	<0.5	42	134
54820	11	6.1	2.7	15	8	95	<5	<0.5	28	90
54821	6	5.0	0.6	5	<1	143	<5	<0.5	<1	67
54822	13	8.3	2.6	15	3	119	<5	<0.5	18	119
54823	5	2.9	0.9	6	<1	93	<5	<0.5	4	22
54824	7	3.8	1.7	9	3	108	<5	<0.5	15	88
54825	7	3.9	1.6	9	<1	119	<5	<0.5	11	27
54826	3	1.7	0.9	5	<1	63	<5	<0.5	7	42
54827	6	6.4	<0.5	4	<1	104	<5	<0.5	<1	171

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Element Method Det.Lim. Units	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB
54828	36	37.3	3.9	27	43	70	<5	<0.5	55	62
54829	26	31.1	2.7	16	53	56	<5	<0.5	50	349
54830	24	21.2	5.2	25	187	94	<5	0.7	163	211
54831	37	26.8	6.6	40	53	186	<5	<0.5	86	62
54832	11	8.8	1.1	9	<1	144	<5	<0.5	6	74
54833	10	7.7	1.2	8	3	103	<5	<0.5	8	286
54834	12	6.6	2.7	15	11	79	<5	<0.5	28	67
54835	12	9.5	1.8	11	6	109	<5	<0.5	18	394
54836	12	6.9	2.5	14	3	107	<5	<0.5	17	102
54837	27	14.8	7.3	35	130	82	<5	2.6	165	151
54838	11	5.6	3.1	16	13	77	<5	<0.5	35	66
54839	10	5.8	2.1	12	4	108	<5	<0.5	17	62
54840	12	6.4	3.9	19	30	61	<5	<0.5	58	103
54841	7	3.3	1.7	10	5	80	<5	<0.5	17	21
54842	9	6.1	1.9	9	14	45	<5	<0.5	25	28
54843	9	4.9	2.0	11	3	112	<5	<0.5	15	27
54844	8	4.9	1.9	11	3	81	<5	<0.5	17	56
54845	5	5.9	0.5	3	<1	35	<5	<0.5	3	133
54846	16	8.6	4.3	22	42	84	<5	1.6	69	48
54847	19	8.9	7.0	31	157	78	<5	5.8	170	78
54848	13	7.1	3.4	18	23	77	<5	1.2	42	98
54849	23	11.7	7.5	36	89	90	<5	3.9	139	132
*Dup 54780	6	3.4	1.4	8	6	54	<5	<0.5	16	204
*Dup 54792	7	3.8	1.4	9	2	112	<5	<0.5	11	19
*Dup 54804	5	2.3	1.1	6	2	72	<5	<0.5	9	19
*Dup 54816	5	2.4	1.4	8	1	75	<5	<0.5	12	19
*Dup 54828	34	36.8	3.3	24	23	87	<5	<0.5	32	73
*Dup 54840	10	4.5	3.1	15	24	54	<5	<0.5	48	67

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54780	20	<1	3	67	<1	6	<1	490	<10	4.7
54781	40	<1	13	31	<1	13	<1	440	<10	20.2
54782	40	<1	17	24	<1	15	<1	400	<10	25.0
54783	50	<1	21	26	<1	18	<1	370	<10	25.7
54784	20	<1	3	11	<1	7	<1	480	<10	3.2
54785	50	<1	3	19	<1	4	<1	710	<10	4.8
54786	100	<1	8	14	<1	13	<1	460	<10	9.7
54787	20	<1	4	42	<1	7	<1	660	<10	3.4
54788	20	<1	5	15	<1	7	<1	430	<10	5.5
54789	30	<1	2	26	<1	5	<1	580	<10	2.3
54790	30	<1	2	25	<1	5	<1	470	<10	3.5
54791	50	<1	4	33	<1	7	<1	660	<10	5.3
54792	40	<1	2	31	<1	5	<1	670	<10	2.2
54793	40	<1	1	25	<1	3	<1	550	<10	2.5
54794	140	<1	3	<5	<1	4	<1	340	<10	1.8
54795	90	<1	1	<5	<1	2	<1	360	<10	0.5
54796	190	<1	3	10	<1	5	<1	290	<10	1.4
54797	160	<1	7	<5	<1	11	<1	240	<10	3.0
54798	190	<1	2	<5	<1	3	<1	270	<10	1.9
54799	60	<1	16	12	<1	15	<1	440	<10	30.7
54800	120	<1	1	<5	<1	3	<1	240	<10	0.6
54801	30	<1	3	60	<1	5	<1	450	<10	5.4
54802	20	<1	9	24	<1	9	<1	430	<10	12.3
54803	<10	<1	5	47	<1	6	<1	400	<10	5.7
54804	30	<1	2	31	<1	4	<1	480	<10	2.4
54805	10	<1	11	21	<1	14	<1	530	<10	14.4
54806	30	<1	18	21	<1	17	<1	540	<10	15.6
54807	<10	<1	3	36	<1	6	<1	480	<10	4.0
54808	80	<1	49	80	<1	42	<1	810	<10	48.3
54809	160	<1	102	53	<1	85	<1	620	<10	100
54810	80	<1	2	25	<1	3	<1	740	<10	2.5
54811	40	<1	4	34	<1	7	<1	350	<10	6.4
54812	70	<1	<1	38	<1	1	<1	720	<10	0.9
54813	<10	<1	2	66	<1	5	<1	510	<10	7.4
54814	70	<1	5	16	<1	10	<1	640	<10	6.7
54815	<10	<1	3	48	<1	7	<1	580	<10	12.8
54816	30	<1	2	17	<1	5	<1	450	<10	3.4
54817	20	<1	2	29	<1	4	<1	500	<10	3.3
54818	40	<1	4	36	<1	7	<1	430	<10	6.4
54819	120	<1	9	39	<1	13	<1	660	<10	20.0
54820	70	<1	6	18	<1	10	<1	630	<10	10.5
54821	110	<1	<1	19	<1	2	<1	1120	<10	1.5
54822	90	<1	3	34	<1	9	<1	810	<10	8.9
54823	60	<1	1	28	<1	3	<1	480	<10	3.6
54824	80	<1	3	19	<1	6	<1	620	<10	4.9
54825	50	<1	2	21	<1	6	<1	650	<10	3.1
54826	20	<1	2	8	<1	4	<1	400	<10	3.7
54827	60	<1	<1	9	<1	1	<1	800	<10	2.6

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54828	110	<1	13	23	<1	14	<1	780	<10	4.5
54829	90	<1	14	35	<1	10	<1	780	<10	5.5
54830	130	<1	48	76	<1	26	<1	870	<10	17.6
54831	50	<1	19	21	<1	25	<1	970	<10	8.2
54832	30	<1	2	20	<1	4	<1	860	<10	1.9
54833	50	<1	2	38	<1	4	<1	870	<10	2.9
54834	60	<1	6	63	<1	10	<1	440	<10	9.1
54835	60	<1	4	19	<1	7	<1	680	<10	5.6
54836	30	<1	3	56	<1	8	<1	640	<10	4.9
54837	500	<1	44	69	<1	33	<1	570	<10	42.6
54838	40	<1	8	35	<1	12	<1	420	<10	11.0
54839	70	<1	4	37	<1	7	<1	640	<10	3.9
54840	60	<1	13	27	<1	16	<1	360	<10	19.7
54841	30	<1	4	42	<1	7	<1	400	<10	4.0
54842	710	<1	6	13	<1	8	<1	250	<10	2.4
54843	60	<1	3	40	<1	7	<1	620	<10	3.6
54844	60	<1	4	31	<1	7	<1	580	<10	8.4
54845	100	<1	1	<5	<1	2	<1	450	<10	0.6
54846	60	<1	16	14	<1	18	<1	400	<10	23.1
54847	150	<1	46	21	<1	32	<1	370	<10	54.1
54848	100	<1	9	20	<1	14	<1	420	<10	18.4
54849	120	<1	32	10	<1	33	<1	410	<10	47.2
*Dup 54780	30	<1	4	74	<1	6	<1	460	<10	5.5
*Dup 54792	50	<1	3	33	<1	5	<1	610	<10	2.6
Dup 54804	30	<1	2	32	<1	4	<1	460	<10	2.8
Dup 54816	40	<1	2	23	<1	6	<1	460	<10	3.6
*Dup 54828	100	<1	8	25	<1	11	<1	890	<10	3.0
*Dup 54840	40	<1	11	22	<1	13	<1	350	<10	13.6

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54780	7	0.8	26	1	36	3	50	17
54781	451	0.8	5	1	56	4	40	72
54782	669	<0.5	3	1	58	4	30	79
54783	754	<0.5	7	1	59	4	60	68
54784	10	<0.5	5	<1	45	3	40	17
54785	5	<0.5	2	<1	39	6	60	<5
54786	30	<0.5	1	<1	65	5	<20	34
54787	5	<0.5	2	<1	66	6	60	14
54788	56	<0.5	2	<1	40	3	30	25
54789	<3	<0.5	1	<1	34	2	30	8
54790	<3	<0.5	2	<1	31	2	30	10
54791	6	<0.5	2	<1	52	4	40	16
54792	<3	<0.5	1	<1	39	3	30	5
54793	<3	<0.5	2	<1	24	2	30	<5
54794	37	<0.5	18	<1	67	5	380	<5
54795	7	<0.5	10	<1	34	4	640	<5
54796	32	<0.5	9	<1	71	7	590	<5
54797	59	<0.5	5	<1	79	7	310	6
54798	20	<0.5	7	<1	53	11	1140	<5
54799	496	<0.5	7	<1	65	5	50	83
54800	7	<0.5	3	<1	45	6	530	<5
54801	27	0.9	3	<1	39	3	30	35
54802	303	<0.5	4	<1	42	3	30	44
54803	98	0.5	4	<1	33	2	40	29
54804	<3	<0.5	3	<1	26	2	30	12
54805	6	<0.5	10	<1	64	5	40	27
54806	39	<0.5	34	<1	50	3	<20	19
54807	<3	<0.5	5	<1	31	2	<20	12
54808	11	<0.5	34	<1	132	10	40	44
54809	42	<0.5	34	<1	287	22	70	95
54810	<3	<0.5	1	<1	50	11	30	<5
54811	<3	<0.5	1	<1	49	3	40	15
54812	<3	<0.5	<1	<1	33	6	<20	<5
54813	<3	<0.5	7	<1	26	2	<20	15
54814	<3	<0.5	1	<1	76	6	30	16
54815	<3	<0.5	17	<1	28	2	<20	20
54816	<3	<0.5	3	<1	27	1	<20	9
54817	<3	<0.5	4	<1	28	2	<20	7
54818	<3	<0.5	3	<1	39	3	<20	17
54819	4	<0.5	10	<1	68	6	20	29
54820	<3	<0.5	8	<1	65	4	20	23
54821	<3	<0.5	2	<1	31	5	30	<5
54822	<3	<0.5	1	<1	75	7	<20	17
54823	<3	<0.5	15	<1	28	2	20	6
54824	<3	<0.5	2	<1	39	3	20	14
54825	<3	<0.5	1	<1	42	3	<20	6
54826	<3	<0.5	3	1	22	1	<20	10
54827	<3	<0.5	2	<1	25	7	<20	<5

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54828	<3	<0.5	3	<1	144	33	<20	<5
54829	<3	<0.5	3	<1	109	30	20	<5
54830	<3	0.5	14	<1	101	22	30	30
54831	<3	<0.5	9	<1	170	21	20	<5
54832	<3	<0.5	2	<1	52	8	30	<5
54833	<3	<0.5	5	<1	47	7	<20	<5
54834	3	<0.5	2	<1	71	5	30	21
54835	<3	<0.5	3	<1	62	8	120	<5
54836	<3	<0.5	5	<1	62	5	60	11
54837	29	<0.5	113	<1	148	12	70	54
54838	18	<0.5	4	<1	61	4	40	20
54839	<3	<0.5	9	<1	54	4	30	11
54840	21	<0.5	4	<1	73	5	<20	36
54841	<3	<0.5	3	<1	39	2	30	8
54842	34	<0.5	7	<1	56	5	1130	<5
54843	<3	<0.5	3	<1	52	4	30	7
54844	<3	<0.5	11	<1	46	4	40	12
54845	<3	<0.5	31	<1	43	5	240	<5
54846	175	<0.5	2	<1	89	7	20	69
54847	925	<0.5	9	1	93	7	70	110
54848	142	<0.5	4	<1	77	6	20	66
54849	565	<0.5	8	<1	123	9	20	120
*Dup 54780	5	0.7	32	<1	36	3	50	21
*Dup 54792	<3	<0.5	1	<1	39	3	<20	6
*Dup 54804	<3	<0.5	2	<1	28	2	30	13
*Dup 54816	<3	<0.5	3	<1	30	2	<20	10
*Dup 54828	<3	<0.5	4	<1	128	32	<20	<5
*Dup 54840	24	<0.5	3	<1	56	4	30	32

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54850	7	10	0.5	950	<1	361.3467	<10	35	13	360
54851	17	<10	0.4	1060	<1	578.0423	<10	6	12	310
54852	<1	<10	<0.1	360	<1	341.2288	20	20	53	190
54853	12	<10	0.3	710	<1	493.5612	<10	9	6	790
54854	6	<10	0.3	600	<1	375.859	<10	18	11	440
54855	10	<10	0.3	640	<1	546.3271	10	55	24	1090
54856	9	<10	0.2	810	<1	592.2169	<10	21	13	400
54857	8	<10	0.2	1090	<1	658.1135	<10	45	31	440
54858	3	<10	0.3	490	<1	271.6956	<10	15	<5	280
54859	5	<10	0.3	490	<1	342.8777	<10	30	<5	350
54860	6	<10	0.3	570	<1	386.6588	<10	23	51	620
54861	13	<10	0.2	650	<1	423.5869	<10	21	<5	590
54862	13	<10	0.4	920	<1	589.6693	<10	<5	<5	480
54863	9	<10	<0.1	1110	<1	690.5074	10	40	8	700
54864	5	<10	0.3	510	<1	347.4262	<10	29	9	280
54865	7	<10	0.2	590	<1	423.5066	<10	56	10	260
54866	<1	<10	<0.1	300	<1	430.0175	40	12	39	260
54867	6	<10	0.4	720	<1	422.8884	<10	67	15	500
54868	10	<10	0.2	1240	<1	641.9996	<10	86	144	2220
54869	17	<10	0.1	550	<1	546.8089	10	12	107	180
54870	18	<10	0.2	1050	<1	764.9158	<10	15	8	400
54871	6	<10	0.2	750	<1	508.1626	<10	16	7	430
54872	14	<10	0.2	780	<1	633.8453	<10	<5	<5	190
54873	9	<10	<0.1	780	<1	608.0888	<10	9	23	510
54874	1	<10	<0.1	540	<1	21.8438	<10	74	99	40
54875	<1	<10	<0.1	300	<1	<10	<10	241	18	130
54876	<1	<10	<0.1	250	<1	289.0723	30	17	55	590
54877	5	<10	<0.1	690	<1	30.0256	<10	278	58	310
54878	<1	<10	<0.1	330	<1	199.5796	40	160	172	220
54879	<1	<10	<0.1	190	<1	359.1445	20	7	21	850
54880	<1	<10	<0.1	160	<1	348.3711	<10	8	44	1520
54881	<1	<10	<0.1	160	<1	419.3266	<10	<5	16	160
54882	<1	<10	<0.1	210	<1	453.2847	20	<5	39	1030
54883	<1	<10	<0.1	130	<1	392.0103	10	<5	31	200
54884	<1	<10	<0.1	130	<1	370.7066	<10	<5	42	40
54885	<1	<10	<0.1	160	<1	448.1356	20	<5	26	60
54886	<1	<10	<0.1	140	<1	357.6804	<10	7	24	220
54887	<1	<10	<0.1	150	<1	476.1746	30	<5	22	70
54888	<1	<10	<0.1	150	<1	417.5336	20	<5	25	40
54889	<1	<10	<0.1	130	<1	412.423	30	<5	18	50
54890	<1	<10	<0.1	120	<1	380.908	<10	<5	11	20
54891	<1	<10	<0.1	110	<1	344.0393	<10	<5	23	30
54892	<1	<10	<0.1	110	<1	344.6531	<10	<5	14	50
54893	<1	<10	<0.1	150	<1	374.8382	<10	<5	35	30
54894	<1	<10	<0.1	130	<1	378.0634	<10	<5	23	40
54895	<1	<10	<0.1	100	<1	305.8143	<10	<5	15	70
54896	<1	<10	0.2	140	<1	371.6834	<10	<5	26	170
54897	<1	<10	<0.1	130	<1	420.2198	<10	<5	14	50

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54898	<1	50	<0.1	130	<1	466.5188	<10	<5	17	10
54899	<1	<10	<0.1	90	<1	421.4903	<10	<5	10	10
54900	<1	40	<0.1	100	<1	450.8834	<10	<5	12	<10
54973	2	<10	0.2	650	<1	195.283	<10	7	<5	450
54974	3	<10	0.1	480	<1	277.8083	<10	53	<5	710
54975	6	<10	0.2	560	<1	341.3223	<10	32	<5	830
54976	2	<10	0.3	790	<1	184.3512	<10	6	<5	500
54977	4	<10	0.2	630	<1	373.9824	<10	583	9	420
54978	4	<10	0.8	690	<1	355.6564	<10	7	<5	440
54979	28	<10	0.3	770	<1	544.181	<10	39	<5	230
54980	25	<10	0.2	1180	<1	727.3662	<10	67	<5	650
54981	6	<10	0.1	1100	<1	651.2693	<10	120	17	460
54982	21	<10	0.4	1080	<1	738.0142	<10	6	12	470
54983	2	30	<0.1	1150	<1	31.5051	<10	638	89	130
54984	1	20	<0.1	940	<1	135.1966	<10	1740	37	190
54985	3	20	<0.1	550	<1	75.6965	<10	554	33	140
54986	8	<10	<0.1	1170	<1	633.0445	<10	11	34	410
54987	9	<10	0.3	950	<1	560.1178	<10	<5	<5	370
54988	4	<10	0.3	690	<1	414.1005	<10	7	<5	330
54989	6	<10	0.4	910	<1	370.876	<10	12	<5	300
54990	15	<10	0.1	1330	<1	608.4529	<10	35	5	930
54991	6	<10	0.2	530	<1	329.0287	<10	620	9	600
54992	19	<10	0.4	930	<1	694.431	<10	<5	<5	420
54993	6	<10	0.4	990	<1	732.8101	<10	10	25	750
54994	19	<10	0.4	930	<1	736.6348	10	6	7	570
54995	19	<10	0.3	750	<1	602.0817	<10	<5	<5	770
54996	3	<10	0.3	640	<1	350.8472	<10	30	<5	550
54997	1	<10	<0.1	530	<1	320.3343	20	32	29	290
54998	5	<10	0.1	840	<1	531.8445	<10	186	7	910
54999	5	<10	0.4	1330	<1	246.62	<10	259	7	990
55000	9	<10	0.3	1010	<1	457.0302	<10	33	<5	1790
Dup 54850	7	<10	0.3	680	<1	401.9433	<10	32	16	480
Dup 54862	13	<10	0.3	920	<1	620.5551	<10	<5	<5	320
*Dup 54874	3	<10	<0.1	430	<1	33.4323	<10	123	77	60
*Dup 54886	<1	<10	<0.1	120	<1	282.667	<10	<5	20	200
Dup 54898	<1	40	<0.1	190	<1	445.2503	<10	<5	17	20
Dup 54982	30	<10	0.5	950	<1	858.9405	<10	<5	6	350
*Dup 54994	14	<10	0.3	680	<1	669.8978	10	<5	6	440

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54850	9	4.8	2.3	12	9	110	<5	<0.5	25	46
54851	7	5.7	0.7	6	1	158	<5	<0.5	6	36
54852	6	4.1	1.0	5	8	31	<5	<0.5	13	77
54853	14	6.5	3.7	20	10	130	<5	<0.5	35	82
54854	7	3.7	2.1	11	6	99	<5	<0.5	20	47
54855	13	6.5	3.3	18	21	115	<5	<0.5	47	134
54856	9	5.4	1.8	10	5	122	<5	<0.5	16	57
54857	8	4.1	2.2	11	13	120	<5	<0.5	29	130
54858	4	2.1	1.2	6	2	74	<5	<0.5	11	18
54859	6	3.1	1.6	8	4	83	5	<0.5	14	34
54860	8	4.1	2.0	11	8	98	<5	<0.5	22	101
54861	9	4.1	2.7	14	8	109	<5	<0.5	29	66
54862	8	5.4	1.4	9	3	164	<5	<0.5	11	45
54863	11	8.6	2.0	12	17	100	<5	<0.5	31	258
54864	4	2.3	1.5	8	5	111	<5	<0.5	18	60
54865	5	2.5	1.6	8	4	120	<5	<0.5	15	77
54866	5	4.0	0.6	3	4	26	<5	<0.5	7	221
54867	10	4.9	3.3	16	21	104	<5	0.6	48	90
54868	9	7.2	2.0	11	31	105	8	<0.5	48	120
54869	6	4.8	0.7	5	<1	121	<5	<0.5	4	53
54870	6	4.7	1.3	7	3	169	<5	<0.5	13	73
54871	9	4.8	2.1	12	8	129	<5	<0.5	24	84
54872	7	5.7	0.9	6	<1	162	<5	<0.5	4	17
54873	5	3.7	1.0	6	2	142	<5	<0.5	8	118
54874	10	4.7	4.1	12	35	2	<5	3.6	45	72
54875	24	11.1	11.4	35	86	<1	<5	2.5	144	34
54876	10	8.3	1.1	6	7	25	<5	<0.5	14	74
54877	31	14.4	12.6	45	118	2	<5	2.6	195	115
54878	23	12.2	8.0	32	69	21	<5	1.7	132	86
54879	2	2.0	<0.5	2	3	20	<5	<0.5	5	102
54880	1	1.3	<0.5	1	3	17	11	<0.5	4	189
54881	1	1.0	<0.5	1	<1	50	<5	<0.5	2	35
54882	3	2.9	<0.5	2	<1	31	<5	<0.5	1	56
54883	2	2.1	<0.5	1	<1	17	<5	<0.5	<1	32
54884	<1	<0.5	<0.5	<1	<1	24	<5	<0.5	<1	24
54885	1	1.3	<0.5	<1	<1	26	<5	<0.5	<1	22
54886	<1	<0.5	<0.5	<1	2	34	<5	<0.5	2	50
54887	<1	<0.5	<0.5	<1	<1	17	<5	<0.5	<1	53
54888	1	1.3	<0.5	<1	<1	21	<5	<0.5	<1	27
54889	1	1.3	<0.5	<1	<1	17	<5	<0.5	<1	36
54890	<1	0.6	<0.5	<1	<1	31	<5	<0.5	<1	24
54891	<1	0.5	<0.5	<1	<1	24	<5	<0.5	<1	25
54892	<1	0.6	<0.5	<1	<1	47	<5	<0.5	<1	32
54893	<1	<0.5	<0.5	<1	<1	22	<5	<0.5	<1	32
54894	<1	<0.5	<0.5	<1	<1	29	<5	<0.5	<1	35
54895	<1	0.6	<0.5	1	<1	48	<5	<0.5	1	43
54896	<1	0.7	<0.5	<1	<1	20	<5	<0.5	<1	42
54897	1	1.2	<0.5	<1	<1	25	<5	<0.5	<1	33

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
54898	<1	<0.5	<0.5	<1	<1	56	<5	<0.5	<1	10
54899	<1	0.6	<0.5	<1	<1	52	<5	<0.5	<1	10
54900	<1	<0.5	<0.5	<1	<1	41	<5	<0.5	<1	10
54973	2	1.1	0.9	4	5	28	<5	<0.5	14	14
54974	5	2.3	2.0	8	29	32	<5	1.1	42	34
54975	6	3.0	1.7	9	8	72	7	<0.5	21	54
54976	2	1.1	0.8	4	4	27	<5	<0.5	12	19
54977	43	19.0	18.4	80	335	91	<5	1.1	441	118
54978	5	2.4	1.4	7	6	104	<5	<0.5	16	21
54979	76	76.8	8.3	56	45	77	<5	<0.5	88	51
54980	55	66.8	5.8	37	38	24	<5	<0.5	63	191
54981	43	47.5	4.6	28	68	35	<5	<0.5	80	312
54982	12	9.6	1.4	10	4	98	<5	<0.5	11	53
54983	29	11.1	11.9	47	214	9	7	17.4	252	79
54984	71	27.9	29.5	125	735	20	<5	16.6	736	96
54985	31	14.2	12.3	48	174	12	6	11.7	226	81
54986	7	6.8	0.6	5	<1	110	<5	<0.5	3	53
54987	4	2.7	0.9	5	2	147	<5	<0.5	7	34
54988	3	1.4	0.9	4	4	89	<5	<0.5	11	31
54989	4	1.9	1.4	7	5	94	<5	<0.5	16	34
54990	21	17.2	2.6	16	18	96	<5	<0.5	31	507
54991	39	16.0	16.6	75	284	54	<5	0.9	410	137
54992	6	5.9	0.7	4	2	97	<5	<0.5	5	74
54993	6	5.0	0.7	5	2	86	<5	<0.5	6	88
54994	9	9.3	1.0	7	7	69	<5	<0.5	12	127
54995	7	4.6	1.3	7	6	121	<5	<0.5	14	107
54996	5	2.4	2.0	9	25	54	<5	0.6	40	33
54997	7	5.0	1.2	6	12	40	13	0.9	18	207
54998	12	5.5	5.2	24	73	67	<5	<0.5	113	83
54999	14	5.8	6.9	28	130	39	<5	2.2	172	55
55000	8	4.6	2.2	12	9	96	<5	<0.5	23	140
*Dup 54850	9	4.7	2.2	12	9	113	<5	<0.5	24	74
*Dup 54862	5	4.3	0.8	5	1	141	<5	<0.5	6	35
*Dup 54874	13	5.5	6.4	18	58	3	<5	2.2	81	57
*Dup 54886	<1	<0.5	<0.5	<1	<1	28	<5	<0.5	<1	34
*Dup 54898	<1	<0.5	<0.5	<1	<1	52	<5	<0.5	<1	8
*Dup 54982	12	10.4	1.5	10	3	141	<5	<0.5	10	37
*Dup 54994	7	6.4	0.7	5	1	94	<5	<0.5	4	106

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54850	70	<1	4	13	<1	9	<1	610	<10	6.8
54851	50	<1	1	43	<1	2	<1	1150	<10	1.9
54852	110	<1	3	16	<1	4	<1	330	<10	1.8
54853	30	<1	6	43	<1	14	<1	500	<10	7.5
54854	40	<1	3	10	<1	7	<1	390	<10	5.3
54855	50	<1	9	44	<1	13	<1	450	<10	14.7
54856	70	<1	3	18	<1	6	<1	760	<10	3.5
54857	<10	<1	6	23	<1	8	<1	720	<10	7.5
54858	20	<1	2	25	<1	4	<1	380	<10	2.8
54859	20	<1	2	14	<1	5	<1	450	<10	4.4
54860	50	<1	4	31	<1	7	<1	480	<10	8.9
54861	20	<1	4	71	<1	10	<1	470	<10	3.5
54862	50	<1	2	31	<1	4	<1	860	<10	1.7
54863	40	<1	6	62	<1	8	<1	830	<10	8.3
54864	10	<1	3	8	<1	6	<1	620	<10	2.3
54865	20	<1	2	<5	<1	5	<1	720	<10	1.8
54866	170	<1	2	13	<1	2	<1	530	<10	0.9
54867	30	<1	9	16	<1	13	<1	580	<10	8.6
54868	40	<1	11	11	<1	9	<1	1260	<10	12.5
54869	30	<1	<1	18	<1	2	<1	1580	<10	0.7
54870	30	<1	2	16	<1	5	<1	1920	<10	1.0
54871	50	<1	4	37	<1	8	<1	1330	<10	7.8
54872	40	<1	<1	36	<1	2	<1	1980	<10	0.8
54873	50	<1	2	20	<1	3	<1	1680	<10	1.2
54874	250	<1	10	271	<1	11	<1	220	<10	14.0
54875	130	<1	31	75	<1	35	<1	20	<10	21.6
54876	40	<1	3	7	<1	4	<1	330	<10	2.1
54877	240	<1	42	153	<1	43	<1	90	<10	15.7
54878	300	<1	28	59	<1	30	<1	300	<10	10.7
54879	<10	<1	1	6	<1	1	<1	290	<10	<0.5
54880	<10	<1	1	18	<1	<1	<1	300	<10	<0.5
54881	20	<1	<1	6	<1	<1	<1	360	<10	<0.5
54882	40	<1	<1	<5	<1	<1	<1	380	<10	<0.5
54883	20	<1	<1	<5	<1	<1	<1	380	<10	<0.5
54884	50	<1	<1	<5	<1	<1	<1	360	<10	<0.5
54885	70	<1	<1	<5	<1	<1	<1	440	<10	<0.5
54886	30	<1	<1	<5	<1	<1	<1	470	<10	<0.5
54887	<10	<1	<1	8	<1	<1	<1	690	<10	<0.5
54888	30	<1	<1	6	<1	<1	<1	500	<10	<0.5
54889	20	<1	<1	<5	<1	<1	<1	510	<10	<0.5
54890	30	<1	<1	7	<1	<1	<1	400	<10	<0.5
54891	<10	<1	<1	6	<1	<1	<1	380	<10	<0.5
54892	20	<1	<1	7	<1	<1	<1	320	<10	<0.5
54893	<10	<1	<1	7	<1	<1	<1	390	<10	<0.5
54894	20	<1	<1	8	<1	<1	<1	370	<10	<0.5
54895	240	<1	<1	10	<1	<1	<1	290	<10	<0.5
54896	<10	<1	<1	8	<1	<1	<1	420	<10	0.8
54897	30	<1	<1	6	<1	<1	<1	410	<10	0.5

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54898	<10	<1	<1	9	<1	<1	<1	410	<10	<0.5
54899	10	<1	<1	<5	<1	<1	<1	320	<10	<0.5
54900	<10	<1	<1	8	<1	<1	<1	380	<10	<0.5
54973	10	<1	3	52	<1	4	<1	230	<10	2.0
54974	<10	<1	9	58	<1	8	<1	260	<10	7.4
54975	<10	<1	4	48	<1	7	<1	410	<10	5.3
54976	10	<1	2	8	<1	3	<1	240	<10	1.7
54977	20	<1	99	51	<1	83	<1	580	<10	75.8
54978	20	<1	3	41	<1	5	<1	500	<10	2.5
54979	90	<1	16	34	<1	27	<1	1190	<10	4.2
54980	170	<1	13	60	<1	20	<1	1280	<10	3.9
54981	130	<1	18	85	<1	18	<1	1210	<10	7.8
54982	60	<1	2	32	<1	4	<1	1280	<10	2.5
54983	140	<1	61	156	<1	51	2	100	<10	117
54984	180	<1	179	202	<1	129	<1	330	<10	105
54985	240	<1	52	191	<1	48	<1	160	<10	82.9
54986	100	<1	<1	62	<1	2	<1	1580	<10	2.0
54987	30	<1	1	35	<1	3	<1	850	<10	1.6
54988	10	<1	2	28	<1	4	<1	530	<10	2.7
54989	20	<1	3	21	<1	5	<1	510	<10	2.4
54990	120	<1	6	33	<1	9	<1	920	<10	6.5
54991	40	<1	91	84	<1	78	<1	380	<10	58.4
54992	70	<1	<1	46	<1	2	<1	830	<10	2.0
54993	50	<1	1	31	<1	3	<1	850	<10	1.8
54994	40	<1	3	86	<1	4	<1	840	<10	3.5
54995	20	<1	3	64	<1	4	<1	600	<10	3.3
54996	<10	<1	8	69	<1	9	<1	370	<10	6.1
54997	210	<1	4	47	<1	5	<1	1140	<10	6.1
54998	20	<1	24	49	<1	24	<1	600	<10	41.8
54999	40	<1	39	78	<1	31	<1	320	<10	45.6
55000	20	<1	4	57	<1	8	<1	610	<10	7.2
*Dup 54850	60	<1	4	14	<1	8	<1	470	<10	6.3
*Dup 54862	50	<1	1	29	<1	2	<1	910	<10	1.0
*Dup 54874	170	<1	18	309	<1	18	<1	160	<10	13.2
*Dup 54886	<10	<1	<1	<5	<1	<1	<1	430	<10	<0.5
*Dup 54898	<10	<1	<1	10	<1	<1	<1	410	<10	<0.5
*Dup 54982	60	<1	2	21	<1	5	<1	1510	<10	2.0
*Dup 54994	30	<1	<1	69	<1	2	<1	800	<10	1.2

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54850	35	<0.5	5	<1	46	4	90	18
54851	<3	<0.5	5	<1	27	5	40	<5
54852	22	<0.5	17	<1	33	4	410	<5
54853	6	<0.5	5	<1	69	5	<20	13
54854	12	<0.5	2	<1	40	3	20	12
54855	9	<0.5	7	<1	65	5	20	15
54856	30	<0.5	2	<1	42	5	50	8
54857	16	<0.5	5	<1	37	3	70	15
54858	4	<0.5	2	<1	25	2	<20	9
54859	12	<0.5	2	<1	33	2	30	10
54860	28	<0.5	4	<1	43	3	40	15
54861	12	<0.5	1	<1	47	3	<20	11
54862	7	<0.5	1	<1	40	5	20	<5
54863	<3	<0.5	12	<1	51	8	100	9
54864	4	<0.5	10	<1	27	2	40	10
54865	5	<0.5	4	<1	30	2	40	10
54866	17	<0.5	21	<1	28	3	1110	<5
54867	113	<0.5	4	<1	52	4	60	27
54868	17	<0.5	8	<1	41	6	40	16
54869	<3	<0.5	4	<1	26	4	60	<5
54870	3	<0.5	6	<1	32	4	70	<5
54871	63	<0.5	4	<1	45	4	60	18
54872	<3	<0.5	3	<1	30	6	60	<5
54873	11	<0.5	5	<1	25	3	60	<5
54874	1300	<0.5	4	<1	40	4	90	39
54875	750	<0.5	7	<1	102	9	30	51
54876	14	<0.5	18	<1	68	7	210	<5
54877	1180	<0.5	7	<1	146	11	220	32
54878	989	<0.5	4	<1	122	10	1540	11
54879	<3	<0.5	2	<1	14	2	160	<5
54880	<3	<0.5	9	<1	10	1	30	<5
54881	<3	<0.5	<1	<1	7	<1	420	<5
54882	<3	<0.5	<1	<1	16	3	440	<5
54883	<3	<0.5	<1	<1	11	2	30	<5
54884	<3	<0.5	<1	<1	<5	<1	860	<5
54885	<3	<0.5	<1	<1	6	1	650	<5
54886	18	<0.5	2	<1	<5	<1	340	<5
54887	<3	<0.5	2	<1	<5	<1	890	<5
54888	<3	<0.5	2	<1	7	1	1130	<5
54889	<3	<0.5	1	<1	7	1	850	<5
54890	<3	<0.5	<1	<1	<5	<1	660	<5
54891	<3	<0.5	<1	<1	<5	<1	640	<5
54892	<3	<0.5	<1	<1	<5	<1	900	<5
54893	<3	<0.5	<1	<1	<5	<1	420	<5
54894	<3	<0.5	<1	<1	<5	<1	520	<5
54895	4	<0.5	<1	<1	5	<1	1050	<5
54896	<3	<0.5	3	<1	<5	<1	140	<5
54897	<3	<0.5	<1	<1	7	<1	440	<5

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Element	Tl	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
54898	<3	<0.5	<1	<1	<5	<1	490	<5
54899	<3	<0.5	<1	<1	<5	<1	590	<5
54900	<3	<0.5	<1	<1	<5	<1	90	<5
54973	5	0.9	1	<1	15	<1	50	12
54974	182	0.8	5	<1	27	2	40	24
54975	53	<0.5	6	<1	33	2	20	20
54976	5	<0.5	2	<1	14	<1	50	11
54977	124	0.6	10	<1	207	13	30	51
54978	<3	<0.5	2	<1	28	2	<20	11
54979	<3	<0.5	11	<1	294	68	20	<5
54980	<3	<0.5	3	<1	239	69	40	<5
54981	<3	<0.5	7	<1	191	49	20	14
54982	<3	<0.5	3	<1	51	8	20	<5
54983	4230	0.6	12	2	98	8	60	266
54984	4800	0.6	11	2	305	20	70	258
54985	3280	0.6	8	2	136	11	40	211
54986	7	<0.5	2	<1	28	7	<20	<5
54987	<3	<0.5	2	<1	23	2	<20	<5
54988	11	<0.5	1	<1	17	1	<20	12
54989	<3	<0.5	2	<1	23	2	<20	11
54990	<3	<0.5	8	<1	84	15	<20	<5
54991	185	<0.5	33	<1	184	11	<20	47
54992	<3	<0.5	2	<1	25	6	70	<5
54993	3	<0.5	<1	<1	27	4	<20	5
54994	<3	<0.5	2	<1	38	9	80	<5
54995	3	<0.5	6	<1	33	4	<20	10
54996	101	0.5	1	<1	29	2	<20	26
54997	122	<0.5	44	<1	41	4	420	21
54998	30	<0.5	13	<1	57	4	70	37
54999	403	1.3	13	<1	60	4	140	52
55000	25	0.6	3	<1	50	4	60	24
*Dup 54850	38	<0.5	10	<1	47	3	80	14
*Dup 54862	12	<0.5	1	<1	25	4	20	<5
*Dup 54874	790	<0.5	4	<1	52	4	80	31
*Dup 54886	<3	<0.5	<1	<1	<5	<1	280	<5
*Dup 54898	<3	<0.5	<1	<1	<5	<1	510	<5
*Dup 54982	<3	<0.5	2	<1	51	10	<20	<5
*Dup 54994	<3	<0.5	2	<1	27	6	<20	<5

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
98000	6	<10	<0.1	870	<1	27.6132	<10	262	17	200
98001	2	<10	<0.1	240	<1	<10	<10	179	15	50
98002	3	<10	<0.1	400	<1	245.9016	<10	245	8	240
98003	5	<10	<0.1	610	<1	<10	<10	280	26	110
98004	8	<10	0.1	270	<1	35.1804	<10	101	23	140
98005	2	<10	0.1	430	<1	<10	<10	173	16	160
98006	10	10	0.3	760	<1	10.698	<10	210	40	90
98007	5	10	<0.1	730	<1	51.7632	<10	1900	68	570
98008	4	<10	<0.1	1360	<1	11.556	<10	376	30	160
98009	4	20	<0.1	640	<1	22.104	<10	189	79	160
98010	3	10	<0.1	1740	<1	<10	<10	321	51	90
98011	6	<10	<0.1	470	<1	<10	<10	199	33	150
98012	1	<10	0.1	1040	<1	<10	<10	108	18	110
98013	3	<10	0.5	350	<1	<10	<10	165	18	80
98014	13	<10	<0.1	610	<1	546.7704	40	72	44	3570
98015	14	<10	0.1	530	<1	473.8788	<10	102	<5	5060
98016	10	<10	<0.1	600	<1	36.0924	<10	197	30	270
98017	7	<10	<0.1	470	<1	120.6288	<10	216	44	80
98018	16	<10	0.1	600	<1	46.3692	<10	171	28	140
98019	28	30	<0.1	640	<1	25.038	<10	303	63	110
98020	13	<10	0.3	440	<1	19.6596	10	99	53	90
98021	15	<10	<0.1	330	<1	17.4624	<10	98	29	120
98022	9	<10	<0.1	260	<1	<10	<10	65	33	110
98023	6	<10	<0.1	280	<1	<10	10	163	27	400
98024	5	<10	<0.1	90	<1	<10	10	26	21	510
98025	3	10	<0.1	2100	1	37.9752	<10	870	38	230
98026	6	<10	<0.1	320	<1	<10	<10	124	41	200
98027	6	<10	<0.1	420	<1	<10	10	44	58	140
98028	7	<10	0.1	350	<1	<10	<10	113	40	120
98029	14	<10	<0.1	400	<1	<10	<10	198	23	120
98030	10	<10	<0.1	360	<1	<10	<10	206	28	230
98031	13	<10	<0.1	120	<1	<10	<10	265	15	180
98032	11	10	<0.1	710	<1	<10	20	48	75	240
98033	9	<10	<0.1	510	<1	<10	10	91	37	110
98034	7	10	<0.1	720	<1	144.5304	<10	309	36	130
98035	7	10	<0.1	930	<1	89.3556	<10	306	22	150
98036	15	<10	<0.1	790	<1	579.6264	<10	52	<5	360
98037	2	<10	0.1	770	<1	865.4964	<10	15	11	80
98038	1	<10	<0.1	530	<1	224.6448	<10	158	17	170
98039	1	<10	<0.1	310	<1	465.9084	20	<5	15	150
98040	4	<10	<0.1	680	<1	631.2744	<10	7	<5	90
98041	<1	<10	<0.1	180	<1	272.952	<10	57	14	30
98042	3	<10	0.1	780	<1	255.222	<10	68	7	330
98043	<1	<10	<0.1	410	<1	596.1924	20	<5	23	200
98044	3	<10	<0.1	410	<1	321.8688	<10	29	5	150
98045	7	<10	<0.1	290	<1	353.7708	<10	249	8	230
98046	6	<10	0.4	600	<1	244.842	<10	389	50	190
98047	7	30	0.3	960	1	69.1092	<10	1180	46	430

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98048	4	10	0.1	330	<1	<10	30	62	116	160
98049	3	<10	0.1	540	<1	<10	<10	114	28	30
98050	10	10	<0.1	490	<1	<10	<10	130	35	70
98051	2	<10	<0.1	490	<1	38.358	<10	91	55	50
98052	5	<10	<0.1	380	<1	13.128	<10	496	16	70
98053	4	<10	<0.1	270	<1	<10	<10	145	36	30
98054	9	<10	<0.1	450	<1	<10	<10	202	21	480
98055	8	<10	<0.1	280	<1	15.1728	<10	132	32	50
98056	4	<10	<0.1	440	<1	13.5276	<10	129	57	60
98057	4	<10	<0.1	300	<1	<10	10	243	72	50
98058	3	<10	<0.1	450	<1	<10	<10	126	31	60
98059	7	<10	<0.1	330	<1	29.232	<10	112	16	40
98060	6	<10	<0.1	350	<1	45.8136	<10	159	43	40
98061	2	10	<0.1	1150	<1	26.8596	<10	45	46	30
98062	3	<10	<0.1	710	<1	80.6976	<10	125	22	30
98063	15	10	<0.1	910	<1	<10	<10	372	100	390
98064	7	<10	<0.1	370	<1	<10	<10	306	15	80
98065	7	<10	<0.1	300	<1	55.764	<10	160	19	130
98066	8	<10	<0.1	300	<1	<10	<10	207	11	50
98067	9	<10	<0.1	230	<1	<10	20	338	45	140
98068	5	<10	<0.1	520	<1	<10	<10	256	40	110
98069	1	<10	<0.1	340	<1	<10	<10	175	14	20
98070	1	<10	<0.1	460	<1	<10	<10	321	10	70
98071	6	<10	<0.1	390	<1	<10	<10	183	17	40
98072	5	<10	<0.1	360	<1	<10	<10	409	6	40
98073	4	<10	<0.1	470	<1	<10	<10	193	13	40
98074	5	<10	<0.1	640	<1	<10	<10	161	50	110
98075	7	<10	<0.1	630	<1	<10	<10	417	22	190
98076	3	<10	<0.1	680	<1	<10	<10	166	35	40
98077	11	<10	<0.1	460	<1	20.5104	<10	192	37	80
98078	7	20	<0.1	690	<1	14.2368	<10	121	96	120
98079	5	<10	<0.1	230	<1	<10	<10	172	72	160
98080	3	<10	<0.1	990	<1	<10	<10	154	28	80
98081	7	<10	<0.1	400	<1	<10	<10	248	36	110
98082	3	<10	<0.1	630	<1	<10	<10	280	16	70
98083	2	<10	<0.1	890	<1	12.0372	<10	183	22	80
98084	6	<10	<0.1	710	<1	<10	<10	181	19	110
98085	6	<10	<0.1	550	<1	<10	<10	239	13	50
98086	7	<10	<0.1	640	<1	38.2728	<10	190	19	90
98087	8	20	<0.1	810	<1	<10	<10	103	117	110
98088	4	<10	<0.1	770	<1	17.706	<10	95	11	30
98089	6	<10	<0.1	460	<1	<10	<10	416	14	90
98090	3	<10	<0.1	640	<1	<10	<10	176	14	30
Dup 98000	5	<10	<0.1	920	<1	<10	<10	223	13	160
*Dup 98012	1	<10	0.4	870	<1	<10	<10	95	15	90
*Dup 98024	4	<10	0.2	110	<1	<10	10	24	26	470
Dup 98036	13	<10	0.1	910	<1	515.5956	<10	47	<5	340
Dup 98048	3	10	<0.1	480	<1	11.604	30	74	121	150

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
*Dup 98060	6	<10	<0.1	380	<1	48.4812	<10	159	41	40
*Dup 98072	6	<10	<0.1	280	<1	<10	<10	420	6	40
*Dup 98084	7	<10	<0.1	710	<1	30.8292	<10	146	26	120

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98000	40	17.3	17.7	67	226	2	5	3.8	362	24
98001	13	5.9	6.1	22	74	<1	<5	<0.5	115	23
98002	35	14.9	14.0	65	165	21	<5	2.2	287	64
98003	15	6.6	6.9	25	99	<1	<5	2.7	140	27
98004	10	4.5	4.6	16	53	<1	6	4.3	70	39
98005	11	4.5	5.0	17	66	<1	<5	0.9	91	33
98006	11	4.9	4.7	16	73	2	<5	8.1	81	52
98007	39	15.5	16.8	70	439	7	<5	4.8	467	91
98008	18	7.7	7.9	30	150	<1	<5	3.8	169	28
98009	12	5.0	4.5	17	72	1	<5	4.2	84	81
98010	17	7.2	6.7	25	108	<1	<5	6.4	133	43
98011	19	8.4	8.1	29	90	<1	<5	1.7	146	33
98012	11	4.7	4.6	16	56	<1	<5	<0.5	77	22
98013	19	8.0	7.5	30	66	<1	<5	<0.5	132	29
98014	15	7.5	5.5	25	53	79	<5	<0.5	96	263
98015	34	14.5	18.0	78	186	59	<5	<0.5	364	393
98016	17	7.2	7.6	26	78	1	<5	3.8	115	46
98017	13	5.8	5.1	21	66	5	<5	2.7	95	98
98018	13	5.8	5.7	20	76	1	<5	7.4	99	70
98019	19	8.6	7.1	27	83	2	7	13.6	119	116
98020	14	6.8	4.6	17	47	<1	<5	4.3	69	115
98021	15	6.9	4.5	17	44	2	<5	2.8	66	96
98022	16	8.6	4.1	15	30	<1	<5	3.7	50	137
98023	19	8.7	6.4	23	55	<1	7	4.9	84	67
98024	11	7.8	1.4	5	12	<1	<5	0.9	15	66
98025	38	15.4	16.6	64	304	2	5	11.5	373	70
98026	19	9.8	5.0	18	44	<1	<5	10.3	65	98
98027	10	5.9	2.2	8	18	2	<5	3.0	28	154
98028	13	6.5	4.3	15	39	<1	<5	4.4	58	122
98029	26	11.6	8.2	31	81	<1	<5	5.1	127	80
98030	21	9.9	6.8	25	72	<1	<5	4.3	107	69
98031	27	11.9	10.4	39	78	<1	5	3.1	173	38
98032	9	5.4	2.2	8	26	3	<5	9.4	30	138
98033	15	7.9	4.5	16	50	<1	<5	3.1	64	119
98034	40	18.1	17.6	68	257	6	6	4.4	352	51
98035	19	8.6	7.5	27	81	11	6	7.2	124	56
98036	14	5.7	5.5	25	50	105	<5	<0.5	99	105
98037	1	0.5	0.7	3	7	123	<5	<0.5	13	47
98038	6	2.4	3.2	12	67	22	<5	5.6	79	40
98039	3	1.9	<0.5	2	2	40	<5	<0.5	4	123
98040	<1	<0.5	<0.5	2	4	88	<5	<0.5	8	42
98041	6	2.9	2.6	9	26	33	<5	1.7	40	61
98042	6	2.9	2.8	12	35	32	<5	1.3	57	45
98043	4	3.4	<0.5	3	2	35	<5	<0.5	4	71
98044	4	1.6	1.9	8	27	36	<5	0.6	42	59
98045	11	4.3	6.3	26	124	31	<5	<0.5	166	74
98046	22	9.1	9.8	40	170	53	5	3.6	217	65
98047	41	16.8	17.7	63	282	6	12	19.4	336	88

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Element Method Det.Lim. Units	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB
98048	9	5.0	2.4	8	28	<1	<5	4.6	33	221
98049	8	3.4	3.8	12	57	<1	<5	2.6	64	36
98050	11	4.6	4.7	15	58	<1	<5	3.9	69	68
98051	7	3.7	3.7	11	44	<1	<5	2.9	53	51
98052	35	14.3	14.9	60	189	1	<5	0.9	310	22
98053	13	6.2	6.2	19	78	<1	<5	1.7	95	44
98054	21	8.2	9.0	30	117	<1	<5	1.6	143	40
98055	12	5.4	6.3	17	74	<1	<5	1.0	84	39
98056	12	5.6	5.4	16	65	<1	<5	2.6	77	55
98057	22	9.7	9.9	34	110	<1	<5	1.1	167	54
98058	11	5.0	5.1	17	79	<1	<5	1.3	89	29
98059	14	6.1	6.8	22	70	<1	<5	<0.5	104	21
98060	16	7.4	7.9	26	75	<1	<5	1.0	123	31
98061	5	2.7	2.2	6	24	1	<5	5.3	27	69
98062	13	6.4	6.4	19	54	2	<5	2.0	79	27
98063	21	7.9	8.6	32	156	<1	<5	4.9	166	83
98064	28	12.1	12.2	49	125	<1	<5	1.1	244	25
98065	12	5.2	6.0	19	81	<1	<5	2.3	101	17
98066	15	7.2	7.6	25	105	<1	<5	0.7	134	20
98067	24	10.5	9.9	39	141	<1	<5	1.8	198	64
98068	20	8.9	8.8	30	112	<1	<5	1.4	154	55
98069	15	6.2	6.3	24	102	<1	<5	1.2	120	18
98070	22	9.0	8.3	33	112	<1	<5	0.6	170	13
98071	16	7.0	7.0	23	82	<1	<5	1.0	115	25
98072	30	13.6	14.5	56	209	<1	7	<0.5	315	12
98073	14	6.6	6.4	23	94	<1	<5	<0.5	122	16
98074	13	5.9	6.3	19	84	<1	<5	6.6	97	44
98075	24	9.9	10.9	38	202	2	<5	4.0	223	33
98076	12	5.3	5.2	17	65	1	<5	3.3	83	39
98077	14	6.4	6.5	21	83	<1	<5	2.2	109	87
98078	13	6.2	5.0	16	52	1	<5	5.8	69	113
98079	14	6.3	6.5	20	78	<1	<5	3.1	102	47
98080	10	4.9	4.9	17	64	<1	<5	2.0	85	20
98081	18	8.0	8.7	28	114	<1	<5	1.2	148	30
98082	17	7.1	7.8	29	144	<1	<5	<0.5	169	20
98083	14	5.6	6.0	21	80	<1	<5	1.1	104	27
98084	11	5.0	5.3	18	95	<1	<5	3.8	101	22
98085	17	7.3	7.5	26	105	<1	<5	1.2	144	22
98086	14	5.9	6.6	23	98	<1	<5	2.3	119	32
98087	13	5.8	4.2	15	60	<1	<5	3.3	64	121
98088	9	4.0	4.4	14	50	<1	<5	<0.5	72	16
98089	46	18.9	20.3	75	300	<1	5	<0.5	405	11
98090	22	9.7	8.9	32	78	<1	<5	<0.5	142	19
Dup 98000	35	15.2	16.6	61	229	<1	<5	3.2	358	16
*Dup 98012	10	4.3	4.2	15	49	<1	7	<0.5	70	18
*Dup 98024	11	7.8	1.4	5	11	<1	<5	1.1	14	68
Dup 98036	13	5.1	4.9	22	43	95	<5	<0.5	86	97
Dup 98048	9	4.8	2.8	9	34	1	<5	5.5	39	202

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
*Dup 98060	16	7.7	7.8	26	75	<1	<5	1.1	122	33
*Dup 98072	33	14.6	15.4	63	206	<1	7	<0.5	331	12
*Dup 98084	10	4.0	4.3	14	76	1	<5	6.5	74	32

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98000	180	<1	83	121	<1	70	<1	200	<10	17.6
98001	120	<1	26	84	<1	23	<1	<10	<10	10.3
98002	30	<1	61	45	<1	63	<1	300	<10	39.3
98003	130	<1	33	148	<1	27	<1	30	<10	21.7
98004	220	<1	15	198	<1	16	<1	40	<10	15.8
98005	80	<1	22	98	<1	19	<1	<10	<10	23.5
98006	130	<1	20	134	<1	17	<1	50	<10	30.9
98007	110	<1	122	184	<1	81	<1	210	<10	127
98008	110	<1	43	139	<1	32	<1	70	<10	40.6
98009	90	<1	21	68	1	18	<1	70	<10	37.3
98010	120	<1	33	142	<1	27	<1	20	<10	45.2
98011	200	<1	33	150	<1	31	<1	20	<10	19.2
98012	110	<1	18	114	<1	17	<1	30	<10	11.7
98013	130	<1	28	112	<1	30	<1	50	<10	8.4
98014	100	<1	20	34	<1	22	<1	470	<10	2.8
98015	20	<1	69	47	<1	78	<1	350	<10	14.0
98016	260	<1	26	164	<1	26	<1	70	<10	21.2
98017	160	<1	21	195	<1	21	<1	110	<10	29.0
98018	220	<1	23	166	<1	22	<1	110	<10	24.9
98019	260	<1	27	185	1	27	2	60	<10	37.5
98020	330	<1	15	164	<1	17	<1	60	<10	22.8
98021	320	<1	15	144	<1	15	<1	90	<10	12.3
98022	380	<1	10	96	<1	12	<1	40	<10	8.4
98023	200	<1	18	72	1	21	<1	<10	<10	23.6
98024	190	<1	3	105	<1	4	<1	<10	<10	5.8
98025	240	<1	95	79	<1	72	<1	60	<10	65.6
98026	260	<1	15	134	<1	16	1	<10	<10	18.4
98027	390	<1	6	153	<1	7	<1	70	<10	11.1
98028	290	<1	13	99	<1	14	<1	30	<10	25.1
98029	230	<1	28	154	<1	30	<1	20	<10	24.8
98030	220	<1	23	126	<1	24	<1	10	<10	26.5
98031	240	<1	35	110	<1	40	<1	<10	<10	22.3
98032	500	<1	7	303	1	7	2	110	<10	11.6
98033	430	<1	14	136	<1	15	<1	50	<10	13.6
98034	200	<1	82	141	<1	71	<1	220	<10	22.7
98035	270	<1	28	120	<1	27	<1	210	<10	21.5
98036	30	<1	20	102	<1	24	<1	540	<10	15.4
98037	<10	<1	3	14	<1	3	<1	970	<10	3.0
98038	20	<1	20	93	<1	14	<1	270	<10	20.9
98039	20	<1	<1	12	<1	1	<1	500	<10	<0.5
98040	<10	<1	2	20	<1	2	<1	680	<10	1.8
98041	10	<1	9	20	<1	9	<1	260	<10	5.5
98042	10	<1	12	20	<1	12	<1	280	<10	8.2
98043	90	<1	<1	7	<1	1	<1	520	<10	<0.5
98044	<10	<1	9	97	<1	8	<1	250	<10	8.2
98045	<10	<1	38	67	<1	30	<1	200	<10	16.9
98046	140	<1	52	82	<1	41	<1	320	<10	28.2
98047	120	<1	82	115	<1	69	2	200	<10	99.1

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98048	230	<1	8	123	<1	8	<1	40	<10	16.6
98049	140	<1	16	69	<1	13	<1	<10	<10	17.6
98050	140	<1	17	72	<1	16	<1	20	<10	28.3
98051	120	<1	13	99	<1	11	<1	60	<10	14.1
98052	100	<1	73	137	<1	66	<1	40	<10	21.4
98053	230	<1	23	129	<1	21	<1	10	<10	14.8
98054	160	<1	35	121	<1	31	<1	<10	<10	12.8
98055	260	<1	20	103	<1	18	<1	30	<10	10.4
98056	220	<1	18	144	<1	17	<1	30	<10	21.3
98057	140	<1	39	110	<1	36	<1	<10	<10	14.1
98058	80	<1	22	122	<1	18	<1	10	<10	14.0
98059	180	<1	23	105	<1	23	<1	30	<10	9.1
98060	160	<1	27	141	<1	27	<1	170	<10	11.7
98061	200	<1	7	186	<1	6	<1	100	<10	11.7
98062	140	<1	18	162	<1	19	<1	220	<10	15.6
98063	100	<1	42	75	<1	33	<1	50	<10	51.2
98064	100	<1	54	66	<1	51	<1	10	<10	9.0
98065	150	<1	24	113	<1	21	<1	20	<10	12.7
98066	190	<1	32	122	<1	25	<1	<10	<10	10.3
98067	190	<1	46	92	<1	42	<1	<10	<10	18.2
98068	150	<1	37	104	<1	32	<1	<10	<10	15.4
98069	50	<1	29	72	<1	25	<1	<10	<10	16.5
98070	50	<1	41	106	<1	36	<1	20	<10	29.8
98071	130	<1	28	113	<1	24	<1	<10	<10	12.0
98072	140	<1	72	79	<1	60	<1	<10	<10	5.5
98073	120	<1	30	87	<1	25	<1	30	<10	8.3
98074	220	<1	24	89	<1	20	<1	<10	<10	24.1
98075	140	<1	56	79	<1	43	<1	<10	<10	31.9
98076	130	<1	20	105	<1	18	<1	<10	<10	36.2
98077	160	<1	26	109	<1	22	<1	20	<10	24.8
98078	210	<1	16	230	<1	16	<1	40	<10	34.3
98079	150	<1	24	128	<1	21	<1	<10	<10	15.1
98080	80	<1	21	91	<1	18	<1	20	<10	18.5
98081	130	<1	36	88	<1	30	<1	20	<10	14.5
98082	80	<1	43	95	<1	32	<1	<10	<10	14.4
98083	60	<1	25	87	<1	22	<1	<10	<10	24.1
98084	90	<1	26	99	<1	19	<1	40	<10	18.8
98085	100	<1	35	92	<1	28	<1	<10	<10	18.6
98086	100	<1	29	97	<1	24	<1	90	<10	22.1
98087	200	<1	16	154	1	15	<1	50	<10	27.6
98088	120	<1	17	125	<1	15	<1	20	<10	8.9
98089	140	<1	98	101	<1	80	<1	<10	<10	5.4
98090	90	<1	32	91	<1	34	<1	<10	<10	9.5
Dup 98000	160	<1	82	108	<1	66	<1	170	<10	14.4
*Dup 98012	110	<1	16	113	<1	15	<1	30	<10	9.9
*Dup 98024	210	<1	3	121	<1	4	<1	<10	<10	5.7
Dup 98036	20	<1	17	100	<1	21	<1	470	<10	15.8
Dup 98048	210	<1	9	111	<1	9	<1	70	<10	20.6

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
*Dup 98060	170	<1	27	142	<1	26	<1	150	<10	12.0
*Dup 98072	150	<1	75	82	<1	64	<1	<10	<10	6.4
*Dup 98084	90	<1	19	118	<1	14	<1	20	<10	20.2

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98000	1290	<0.5	8	<1	187	13	30	30
98001	37	<0.5	6	<1	60	4	60	12
98002	443	<0.5	25	<1	165	10	<20	64
98003	951	<0.5	6	<1	66	5	60	39
98004	1530	0.5	6	<1	45	3	230	36
98005	238	<0.5	6	<1	41	3	70	36
98006	2640	<0.5	6	<1	45	4	70	63
98007	1150	0.7	12	1	146	12	130	126
98008	1010	<0.5	6	<1	77	6	40	62
98009	1080	<0.5	8	<1	43	4	280	63
98010	1960	<0.5	7	2	66	6	140	80
98011	469	<0.5	6	<1	88	7	150	35
98012	59	<0.5	6	1	42	4	<20	27
98013	48	<0.5	5	<1	86	6	50	16
98014	4	<0.5	35	<1	104	5	80	<5
98015	59	0.6	23	<1	220	10	<20	16
98016	1060	0.5	7	<1	69	6	<20	41
98017	737	0.6	7	<1	54	4	<20	39
98018	2420	<0.5	7	<1	55	4	<20	47
98019	4260	0.8	10	2	76	7	50	68
98020	1150	0.6	9	<1	62	5	20	38
98021	812	0.5	6	<1	68	5	20	20
98022	1250	0.5	5	<1	78	7	20	20
98023	1470	0.6	10	<1	77	6	110	40
98024	236	0.6	4	<1	54	6	110	10
98025	2610	0.8	10	2	144	12	<20	75
98026	3640	0.8	7	<1	86	8	30	39
98027	792	0.6	6	<1	48	5	250	21
98028	1220	0.5	7	<1	59	5	90	40
98029	1510	0.6	10	<1	110	9	60	39
98030	1330	<0.5	10	<1	94	7	40	41
98031	1070	<0.5	11	<1	119	9	20	29
98032	3180	0.5	4	1	44	4	110	35
98033	995	<0.5	6	<1	75	6	30	32
98034	1310	0.7	11	<1	189	13	40	37
98035	2660	0.7	8	<1	77	7	20	40
98036	30	<0.5	21	<1	70	4	<20	7
98037	14	<0.5	3	<1	6	<1	50	<5
98038	1540	<0.5	5	<1	23	2	20	32
98039	<3	<0.5	<1	<1	16	2	310	<5
98040	16	<0.5	4	<1	<5	<1	70	<5
98041	702	<0.5	2	<1	28	2	<20	6
98042	211	<0.5	<1	<1	35	2	<20	28
98043	<3	<0.5	2	<1	25	3	70	<5
98044	84	<0.5	9	<1	19	1	50	9
98045	57	0.6	14	<1	51	3	<20	14
98046	874	<0.5	14	1	93	6	60	29
98047	5970	0.9	21	3	153	13	50	110

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98048	1330	<0.5	7	<1	38	4	230	29
98049	820	<0.5	6	<1	32	3	40	35
98050	1200	<0.5	6	<1	41	4	<20	51
98051	928	<0.5	4	2	34	3	290	31
98052	228	<0.5	8	<1	148	10	20	25
98053	527	<0.5	5	<1	58	5	40	30
98054	505	<0.5	7	<1	82	6	120	32
98055	293	<0.5	6	<1	53	4	<20	23
98056	789	<0.5	5	<1	53	5	30	45
98057	342	<0.5	6	<1	98	8	90	23
98058	360	<0.5	4	<1	52	4	230	21
98059	90	<0.5	4	<1	65	5	40	10
98060	277	<0.5	5	<1	73	6	<20	19
98061	1740	<0.5	3	<1	22	2	130	36
98062	533	<0.5	5	<1	59	5	<20	27
98063	906	0.6	8	<1	77	6	100	81
98064	320	<0.5	6	<1	126	9	20	16
98065	745	<0.5	5	<1	51	4	60	28
98066	198	<0.5	5	<1	74	6	<20	21
98067	437	<0.5	5	<1	104	8	210	29
98068	425	<0.5	6	<1	84	7	60	26
98069	300	<0.5	6	<1	65	5	<20	28
98070	111	<0.5	7	<1	84	7	<20	38
98071	291	<0.5	5	<1	64	5	50	23
98072	112	<0.5	4	<1	153	10	<20	10
98073	105	<0.5	4	<1	66	5	<20	14
98074	2140	<0.5	6	<1	57	5	100	49
98075	1260	<0.5	8	<1	99	7	30	44
98076	1020	<0.5	7	<1	46	4	30	51
98077	660	<0.5	6	<1	59	5	30	36
98078	1710	0.6	8	<1	52	5	90	64
98079	905	<0.5	5	<1	60	5	260	33
98080	578	<0.5	5	<1	47	4	190	34
98081	382	<0.5	6	<1	79	6	60	27
98082	96	<0.5	7	<1	73	5	<20	22
98083	302	<0.5	8	<1	55	5	<20	29
98084	1370	<0.5	6	<1	53	4	20	32
98085	334	<0.5	6	<1	74	6	<20	28
98086	725	<0.5	6	<1	61	5	<20	33
98087	753	0.8	8	<1	51	4	130	55
98088	54	<0.5	4	<1	40	3	40	14
98089	83	<0.5	6	<1	204	13	<20	9
98090	20	<0.5	7	<1	91	8	<20	13
Dup 98000	1230	<0.5	7	<1	172	11	<20	27
*Dup 98012	46	<0.5	5	2	40	3	30	23
*Dup 98024	291	<0.5	4	<1	53	6	180	9
Dup 98036	26	<0.5	20	<1	60	4	<20	7
Dup 98048	1560	<0.5	7	<1	37	4	210	36

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
*Dup 98060	301	<0.5	5	<1	75	6	<20	19
*Dup 98072	103	<0.5	5	<1	165	11	<20	10
*Dup 98084	2520	<0.5	5	1	41	3	30	38

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
98091	<1	<10	<0.1	300	<1	194.0928	<10	35	18	50
98092	5	<10	0.2	760	<1	319.7601	<10	119	<5	200
98093	1	<10	<0.1	420	<1	413.7111	<10	34	7	60
98094	1	<10	<0.1	250	<1	324.7662	40	34	36	1080
98095	<1	<10	<0.1	180	<1	295.5579	20	18	66	290
98096	1	<10	<0.1	200	<1	303.9311	20	27	44	740
98097	1	<10	<0.1	180	<1	334.763	30	32	23	240
98098	2	<10	<0.1	440	<1	560.0573	<10	11	13	150
98099	<1	<10	<0.1	120	<1	274.7932	50	30	54	200
98100	1	<10	<0.1	480	<1	275.5852	<10	41	8	70
98101	6	<10	<0.1	460	<1	552.2121	20	74	25	450
98102	3	<10	<0.1	460	<1	271.1676	<10	408	36	220
98103	<1	30	<0.1	510	<1	<10	<10	135	12	80
98104	<1	<10	<0.1	90	<1	<10	<10	51	12	70
98105	<1	<10	<0.1	200	<1	<10	<10	327	10	70
98106	1	<10	<0.1	<10	<1	<10	<10	79	5	20
98107	<1	<10	<0.1	130	<1	<10	<10	194	9	50
98108	<1	<10	<0.1	200	<1	<10	<10	254	7	30
98109	<1	<10	<0.1	460	<1	<10	10	215	12	10
98110	2	<10	<0.1	240	<1	<10	<10	271	46	40
98111	<1	<10	<0.1	300	<1	<10	<10	1510	7	20
98112	4	<10	<0.1	390	<1	<10	<10	181	89	60
98113	2	40	<0.1	320	1	<10	10	92	32	250
98114	6	<10	<0.1	210	<1	<10	<10	185	28	70
98115	3	<10	<0.1	270	<1	<10	<10	217	15	60
98116	<1	<10	<0.1	140	<1	225.1436	<10	11	12	10
98117	<1	<10	<0.1	110	<1	218.9627	<10	12	12	10
98118	<1	<10	<0.1	120	<1	141.2191	10	29	18	60
98119	<1	<10	<0.1	90	<1	145.3661	<10	40	34	90
98120	2	<10	<0.1	210	<1	232.8117	<10	24	74	230
98121	<1	<10	<0.1	140	<1	236.1722	<10	28	34	220
98122	<1	<10	<0.1	50	<1	191.7223	<10	48	31	40
98123	<1	<10	<0.1	70	<1	232.1264	<10	20	39	160
98124	<1	<10	<0.1	80	<1	250.3127	<10	28	33	50
98125	<1	<10	<0.1	90	<1	254.463	<10	17	23	60
98126	<1	<10	<0.1	90	<1	254.8128	<10	11	29	70
98127	<1	<10	<0.1	70	<1	246.7443	<10	9	24	30
98128	<1	<10	<0.1	60	<1	263.4214	<10	7	18	50
98129	<1	<10	<0.1	70	<1	256.6366	<10	7	27	40
98130	12	<10	<0.1	780	<1	422.3802	<10	39	10	450
98131	19	<10	0.3	700	<1	421.5244	<10	6	7	640
98132	12	<10	0.2	680	<1	456.7343	<10	6	<5	460
98133	16	<10	0.2	780	<1	493.4468	<10	<5	<5	330
98134	16	<10	0.2	660	<1	421.4617	10	156	11	630
98135	5	<10	0.2	860	<1	365.9194	<10	40	21	360
98136	14	<10	0.2	820	<1	511.6683	10	167	53	1140
98137	6	<10	0.3	700	<1	262.0519	<10	24	<5	230
98138	8	<10	0.3	660	<1	343.2693	<10	27	<5	500

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98139	8	<10	0.1	960	<1	414.5559	<10	47	<5	400
98140	8	<10	0.1	830	<1	593.6084	20	134	15	370
98141	6	<10	0.2	780	<1	332.3309	<10	14	<5	400
98142	15	<10	0.3	930	<1	570.724	<10	7	8	1120
98143	16	<10	0.3	830	<1	678.2116	<10	<5	8	600
98144	<1	<10	<0.1	170	<1	236.6826	20	15	26	30
98145	2	<10	<0.1	200	<1	358.6913	90	38	15	640
98146	7	<10	0.2	1110	<1	320.7721	<10	59	39	920
98147	7	<10	0.1	1210	<1	267.41	<10	58	12	360
98148	9	<10	0.2	1510	<1	347.2194	<10	188	54	1490
98149	14	<10	0.1	1270	<1	633.5065	10	52	60	1580
98150	15	<10	0.1	1430	<1	471.8351	<10	69	19	1030
98151	14	<10	0.3	1320	<1	448.3677	<10	57	8	580
98152	18	<10	0.3	1160	<1	559.3632	<10	13	24	760
98153	7	<10	0.3	550	<1	358.6869	10	60	6	760
98154	2	<10	<0.1	410	<1	503.4117	40	15	8	120
98155	8	<10	0.2	760	<1	362.0936	<10	24	13	860
98156	18	<10	0.3	1020	<1	392.2402	<10	16	8	570
98157	16	<10	0.2	1320	<1	716.9525	<10	242	27	850
98158	19	<10	0.4	770	<1	657.9903	<10	<5	<5	140
98159	13	<10	0.1	1190	<1	593.8284	10	89	11	680
98160	6	<10	<0.1	790	<1	451.5698	20	262	107	600
98161	13	<10	<0.1	730	<1	558.4315	30	173	24	1330
98162	10	<10	0.2	820	<1	347.7738	<10	28	<5	420
98163	9	<10	0.2	1070	<1	647.9792	10	50	16	650
98164	7	<10	0.1	990	<1	514.4348	<10	109	<5	540
98165	9	<10	0.1	920	<1	572.6941	<10	95	<5	450
98166	7	<10	0.3	700	<1	307.7195	<10	27	10	320
98167	10	<10	0.5	930	<1	494.8163	<10	7	7	520
98168	10	<10	0.3	900	<1	375.474	<10	24	6	370
98169	7	<10	<0.1	820	<1	406.8515	<10	303	8	500
98170	8	<10	0.3	830	<1	353.1143	<10	13	<5	310
98171	10	<10	0.3	1180	<1	463.8843	<10	86	18	290
98172	6	<10	0.2	850	<1	275.2475	<10	26	<5	180
98173	6	<10	0.1	1280	<1	561.2728	<10	23	16	430
98174	10	<10	<0.1	1020	<1	488.9082	20	510	33	1100
98175	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
98176	16	<10	0.2	990	<1	480.0917	<10	19	<5	400
98177	12	<10	0.4	790	<1	358.5318	<10	13	<5	650
98178	11	<10	0.3	880	<1	392.5306	<10	15	<5	440
98179	10	<10	0.2	950	<1	431.772	<10	59	11	670
98180	8	<10	0.2	860	<1	389.7861	<10	14	12	460
98181	10	<10	0.2	1070	<1	494.065	<10	18	33	480
98182	5	<10	0.2	1390	<1	587.598	<10	140	16	330
98183	1	<10	<0.1	190	<1	348.2061	20	7	33	290
98184	<1	<10	<0.1	70	<1	239.6438	20	<5	31	150
98185	<1	<10	<0.1	180	<1	354.1318	30	11	53	140
Dup 98091	<1	<10	<0.1	270	<1	216.8606	<10	38	18	60

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
*Dup 98103	<1	30	<0.1	550	<1	12.2991	<10	138	14	90
*Dup 98115	3	<10	<0.1	240	<1	<10	<10	234	18	70
*Dup 98127	<1	<10	<0.1	120	<1	257.4077	<10	15	24	40
*Dup 98139	12	<10	0.2	710	<1	515.2334	<10	<5	<5	520
*Dup 98151	18	<10	0.1	1170	<1	583.8316	<10	15	12	810
*Dup 98163	10	<10	0.2	720	<1	570.6954	10	13	21	720
*Dup 98175	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98091	2	0.7	0.7	3	13	28	<5	0.8	19	42
98092	5	1.9	2.4	10	47	68	<5	<0.5	62	60
98093	1	0.7	0.6	3	15	66	<5	<0.5	18	53
98094	17	15.1	2.1	14	19	24	<5	<0.5	35	167
98095	5	4.2	1.0	6	12	33	<5	<0.5	19	76
98096	9	6.0	1.5	9	19	34	<5	<0.5	31	106
98097	15	9.4	3.9	20	37	36	<5	<0.5	68	99
98098	2	0.9	0.9	5	16	92	<5	<0.5	26	72
98099	13	8.6	2.6	15	19	30	<5	<0.5	40	53
98100	2	0.7	0.8	4	19	43	<5	0.7	24	33
98101	5	3.7	1.3	7	28	47	<5	<0.5	32	728
98102	10	4.1	4.5	19	89	38	<5	2.2	114	158
98103	9	4.0	4.2	13	76	2	<5	15.4	62	94
98104	6	3.6	1.7	7	24	<1	<5	2.7	27	50
98105	24	10.4	10.4	43	130	<1	<5	<0.5	214	8
98106	7	3.6	3.4	11	34	<1	<5	<0.5	54	10
98107	19	7.5	8.2	31	62	<1	6	<0.5	149	13
98108	18	8.8	7.7	32	106	<1	<5	<0.5	166	12
98109	16	6.7	7.3	29	136	<1	<5	<0.5	148	18
98110	20	8.9	9.4	33	173	<1	<5	1.0	177	13
98111	51	18.5	23.3	100	487	<1	<5	<0.5	552	6
98112	11	5.1	4.9	18	96	<1	<5	1.3	94	22
98113	8	3.7	3.1	11	45	1	<5	19.7	49	137
98114	13	6.0	5.5	22	80	<1	<5	1.2	110	18
98115	18	9.1	9.4	29	119	<1	<5	<0.5	157	12
98116	3	2.0	0.6	4	5	24	<5	<0.5	9	17
98117	4	2.0	0.7	4	6	24	<5	<0.5	10	21
98118	4	2.5	0.9	5	12	17	<5	<0.5	19	25
98119	8	4.5	1.8	9	17	14	<5	0.7	29	28
98120	14	11.6	1.7	10	12	24	<5	<0.5	23	66
98121	6	4.0	1.2	6	14	23	<5	<0.5	21	45
98122	10	5.7	2.3	13	20	24	<5	<0.5	40	29
98123	5	3.2	0.9	5	10	23	<5	<0.5	16	38
98124	6	3.8	1.4	7	11	28	<5	<0.5	21	26
98125	3	2.0	0.7	4	8	32	<5	<0.5	12	26
98126	3	2.0	0.5	3	5	33	<5	<0.5	8	22
98127	4	2.4	0.8	4	4	32	<5	<0.5	9	21
98128	3	1.4	<0.5	3	3	31	<5	<0.5	6	20
98129	4	2.5	0.6	4	3	32	<5	<0.5	8	22
98130	9	4.0	2.6	13	6	96	<5	<0.5	33	175
98131	8	4.3	1.7	11	2	119	<5	<0.5	11	167
98132	8	4.0	1.7	10	3	115	<5	<0.5	13	116
98133	7	3.6	1.6	9	4	111	<5	<0.5	11	95
98134	12	5.5	3.9	20	21	95	<5	<0.5	55	184
98135	9	5.0	1.8	11	4	89	<5	<0.5	16	76
98136	18	8.4	5.5	27	50	106	<5	<0.5	100	359
98137	7	3.3	1.8	10	6	73	<5	<0.5	22	19
98138	11	5.4	2.8	16	12	88	<5	<0.5	34	59

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98139	12	5.4	3.8	20	42	82	<5	<0.5	70	80
98140	17	8.3	4.6	25	48	132	<5	<0.5	83	223
98141	7	3.5	1.5	9	5	95	<5	<0.5	17	33
98142	11	7.3	1.4	10	3	151	<5	<0.5	11	109
98143	7	6.3	<0.5	5	<1	121	<5	<0.5	2	143
98144	3	1.8	0.7	4	7	35	<5	<0.5	12	25
98145	13	14.5	1.3	9	15	24	<5	<0.5	22	134
98146	8	4.2	2.2	13	21	82	<5	0.6	42	72
98147	7	3.8	2.2	12	17	69	<5	<0.5	38	30
98148	16	8.5	5.0	26	59	95	<5	<0.5	109	60
98149	14	10.2	1.8	13	8	152	<5	<0.5	22	223
98150	20	10.1	4.6	25	15	161	<5	<0.5	52	117
98151	14	7.3	3.5	20	11	130	<5	<0.5	41	81
98152	8	5.2	1.2	9	<1	186	<5	<0.5	6	92
98153	7	3.5	1.8	10	9	79	<5	<0.5	25	84
98154	4	4.1	<0.5	3	7	30	<5	<0.5	10	196
98155	9	4.5	2.4	13	12	80	<5	<0.5	35	104
98156	10	5.6	2.1	13	5	122	<5	<0.5	21	86
98157	67	37.4	14.9	87	154	116	<5	<0.5	250	279
98158	6	5.3	<0.5	4	<1	190	<5	<0.5	1	31
98159	22	11.1	5.9	32	51	165	<5	<0.5	95	229
98160	28	17.9	6.5	35	110	111	<5	1.0	138	340
98161	21	12.4	5.2	29	78	130	<5	0.7	101	494
98162	8	3.7	2.1	12	8	111	<5	<0.5	23	39
98163	10	6.6	2.1	12	22	110	<5	<0.5	40	178
98164	17	8.3	5.2	27	76	106	<5	<0.5	114	120
98165	18	8.4	5.8	30	73	114	<5	<0.5	121	156
98166	6	2.8	1.7	9	11	76	<5	<0.5	28	59
98167	8	4.7	1.6	10	4	119	<5	<0.5	10	102
98168	6	3.1	1.9	10	9	108	<5	<0.5	25	79
98169	21	9.8	7.8	37	120	89	<5	<0.5	178	140
98170	5	2.8	1.5	8	10	121	<5	<0.5	22	41
98171	9	4.2	2.8	14	32	107	<5	<0.5	54	77
98172	4	2.1	1.3	8	10	73	<5	<0.5	26	49
98173	9	5.4	1.5	9	5	145	<5	<0.5	16	99
98174	27	13.1	9.6	47	174	126	<5	1.0	235	330
98175	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
98176	9	4.5	2.6	14	9	124	<5	<0.5	33	92
98177	13	5.6	3.4	18	12	118	<5	<0.5	37	57
98178	13	6.6	3.0	17	9	130	<5	<0.5	28	50
98179	15	6.8	4.8	25	30	111	<5	<0.5	72	99
98180	7	3.9	1.9	11	9	114	<5	<0.5	24	74
98181	7	3.7	1.5	9	4	152	<5	<0.5	15	87
98182	21	12.3	4.7	27	46	159	<5	<0.5	80	155
98183	2	1.7	<0.5	1	4	31	<5	<0.5	4	114
98184	<1	0.8	<0.5	<1	2	18	<5	<0.5	2	42
98185	3	2.4	<0.5	3	6	47	<5	<0.5	8	84
Dup 98091	2	0.7	0.6	3	13	30	<5	0.7	19	31

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
*Dup 98103	10	4.2	4.4	13	76	2	<5	16.2	62	112
*Dup 98115	19	9.1	9.7	30	130	<1	<5	<0.5	164	13
*Dup 98127	4	2.3	0.9	5	7	33	<5	<0.5	13	22
*Dup 98139	9	5.7	1.3	10	2	125	<5	<0.5	6	107
*Dup 98151	13	8.9	1.9	13	1	180	<5	<0.5	10	109
*Dup 98163	11	7.1	1.9	12	4	131	<5	<0.5	15	181
*Dup 98175	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98091	20	<1	5	71	<1	3	<1	280	<10	6.1
98092	10	<1	15	67	<1	11	<1	410	<10	8.0
98093	<10	<1	5	15	<1	3	<1	630	<10	8.7
98094	130	<1	7	6	<1	10	<1	610	<10	2.2
98095	40	<1	4	<5	<1	5	<1	460	<10	0.5
98096	80	<1	7	<5	<1	7	<1	510	<10	1.1
98097	170	<1	15	20	<1	16	<1	430	<10	2.8
98098	<10	<1	6	17	<1	5	<1	700	<10	2.7
98099	110	<1	8	19	<1	11	<1	350	<10	3.7
98100	<10	<1	6	47	<1	4	<1	340	<10	4.6
98101	60	<1	8	11	<1	6	<1	680	<10	1.0
98102	30	<1	28	65	<1	21	<1	360	<10	18.4
98103	230	<1	17	58	<1	13	2	170	<10	16.6
98104	60	<1	7	25	<1	6	<1	<10	<10	5.4
98105	100	<1	51	78	<1	44	<1	<10	<10	5.0
98106	180	<1	13	90	<1	11	<1	<10	<10	2.9
98107	60	<1	34	82	<1	34	<1	<10	<10	6.5
98108	60	<1	39	83	<1	32	<1	<10	<10	4.5
98109	100	<1	37	126	<1	29	<1	<10	<10	2.8
98110	180	<1	45	92	<1	34	<1	<10	<10	6.7
98111	140	<1	143	37	<1	103	<1	<10	<10	5.5
98112	100	<1	25	161	<1	18	<1	<10	<10	7.4
98113	490	<1	12	104	1	11	3	50	<10	14.6
98114	140	<1	27	148	<1	22	<1	<10	<10	9.3
98115	180	<1	39	134	<1	32	<1	<10	<10	4.0
98116	90	<1	2	16	<1	3	<1	280	<10	0.6
98117	60	<1	2	<5	<1	3	<1	240	<10	0.5
98118	440	<1	5	9	<1	4	<1	160	<10	4.6
98119	160	<1	7	12	<1	7	<1	150	<10	9.7
98120	240	<1	5	10	<1	7	<1	360	<10	9.7
98121	90	<1	5	<5	<1	5	<1	290	<10	6.4
98122	60	<1	9	<5	<1	10	<1	190	<10	2.3
98123	60	<1	4	<5	<1	4	<1	250	<10	2.0
98124	210	<1	5	<5	<1	6	<1	270	<10	1.1
98125	40	<1	3	5	<1	3	<1	300	<10	<0.5
98126	40	<1	2	<5	<1	2	<1	300	<10	<0.5
98127	40	<1	2	<5	<1	3	<1	300	<10	<0.5
98128	30	<1	1	<5	<1	2	<1	290	<10	<0.5
98129	40	<1	2	<5	<1	3	<1	310	<10	<0.5
98130	20	<1	5	51	<1	11	<1	810	<10	6.7
98131	30	<1	1	39	<1	6	<1	770	<10	2.7
98132	20	<1	2	49	<1	6	<1	760	<10	5.5
98133	20	<1	2	70	<1	6	<1	850	<10	3.5
98134	30	<1	10	47	<1	17	<1	650	<10	8.8
98135	90	<1	2	21	<1	7	<1	750	<10	5.9
98136	60	<1	21	33	<1	24	<1	800	<10	23.4
98137	40	<1	3	33	<1	8	<1	540	<10	3.7
98138	30	<1	6	46	<1	12	<1	540	<10	7.4

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98139	20	<1	15	47	<1	17	<1	650	<10	15.1
98140	100	<1	18	69	<1	20	<1	860	<10	21.0
98141	50	<1	3	39	<1	6	<1	580	<10	3.0
98142	70	<1	2	40	<1	5	<1	720	<10	3.6
98143	40	<1	<1	26	<1	1	<1	980	<10	1.6
98144	240	<1	3	<5	<1	3	<1	300	<10	0.9
98145	80	<1	5	7	<1	5	<1	510	<10	1.1
98146	60	<1	8	19	<1	10	<1	690	<10	7.4
98147	30	<1	7	15	<1	10	<1	650	<10	3.4
98148	140	<1	24	15	<1	23	<1	780	<10	26.8
98149	100	<1	4	63	<1	7	<1	1090	<10	9.5
98150	120	<1	9	55	<1	18	<1	760	<10	17.6
98151	90	<1	7	43	<1	14	<1	740	<10	15.7
98152	140	<1	<1	40	<1	4	<1	1160	<10	2.1
98153	20	<1	4	44	<1	7	<1	450	<10	7.8
98154	100	<1	2	42	<1	3	<1	570	<10	0.5
98155	60	<1	6	14	<1	10	<1	490	<10	8.7
98156	60	<1	3	37	<1	8	<1	840	<10	3.4
98157	120	<1	54	79	<1	62	<1	1360	<10	41.1
98158	50	<1	<1	22	<1	<1	<1	1310	<10	<0.5
98159	50	<1	20	88	<1	25	<1	970	<10	18.8
98160	320	<1	35	74	<1	31	<1	680	<10	21.4
98161	210	<1	24	13	<1	23	<1	750	<10	10.0
98162	40	<1	4	46	<1	8	<1	600	<10	3.4
98163	40	<1	9	48	<1	10	<1	890	<10	9.6
98164	230	<1	26	74	<1	25	<1	760	<10	25.4
98165	30	<1	26	91	<1	27	<1	820	<10	19.7
98166	30	<1	5	22	<1	8	<1	620	<10	4.1
98167	40	<1	2	31	<1	5	<1	760	<10	5.3
98168	30	<1	4	30	<1	8	<1	550	<10	3.8
98169	70	<1	42	77	<1	36	<1	470	<10	34.9
98170	30	<1	4	37	<1	6	<1	590	<10	2.9
98171	30	<1	12	34	<1	12	<1	660	<10	9.5
98172	20	<1	5	28	<1	7	<1	470	<10	1.9
98173	80	<1	2	18	<1	6	<1	990	<10	5.2
98174	220	<1	57	59	<1	46	<1	610	<10	49.3
98175	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
98176	10	<1	5	44	<1	11	<1	690	<10	5.4
98177	40	<1	6	54	<1	13	1	540	<10	4.0
98178	60	<1	5	53	<1	11	<1	600	<10	4.5
98179	110	<1	15	82	<1	20	<1	560	<10	12.1
98180	50	<1	4	38	<1	7	<1	690	<10	4.8
98181	50	<1	2	24	<1	6	<1	890	<10	2.7
98182	60	<1	17	13	<1	20	<1	1170	<10	18.1
98183	90	<1	1	<5	<1	<1	<1	530	<10	0.7
98184	70	<1	<1	8	<1	<1	<1	340	<10	<0.5
98185	150	<1	2	<5	<1	2	<1	490	<10	0.7
Dup 98091	<10	<1	5	66	<1	4	<1	290	<10	6.3

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Element Method Det.Lim. Units	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB
*Dup 98103	270	<1	17	57	<1	13	2	180	<10	18.0
*Dup 98115	200	<1	42	146	<1	33	<1	<10	<10	4.8
*Dup 98127	50	<1	3	<5	<1	4	<1	280	<10	<0.5
*Dup 98139	30	<1	<1	42	<1	4	<1	860	<10	7.0
*Dup 98151	90	<1	1	51	<1	6	<1	990	<10	7.1
*Dup 98163	40	<1	2	49	<1	6	<1	820	<10	11.4
*Dup 98175	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Element	Tl	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98091	173	<0.5	2	<1	9	<1	140	6
98092	72	<0.5	3	<1	25	1	<20	8
98093	52	<0.5	5	<1	9	<1	60	5
98094	16	<0.5	21	<1	122	13	150	<5
98095	<3	<0.5	2	<1	38	4	300	<5
98096	<3	<0.5	3	<1	67	5	120	<5
98097	10	<0.5	7	<1	98	7	420	<5
98098	10	<0.5	4	<1	12	<1	30	<5
98099	10	<0.5	3	<1	77	8	1430	<5
98100	187	<0.5	3	<1	11	<1	20	<5
98101	<3	<0.5	8	<1	37	3	70	<5
98102	578	<0.5	11	<1	51	3	40	16
98103	4200	0.6	6	<1	40	3	100	54
98104	677	<0.5	3	<1	36	3	60	14
98105	15	<0.5	6	<1	134	8	<20	9
98106	136	<0.5	2	<1	40	3	70	6
98107	15	<0.5	6	<1	70	6	30	9
98108	104	<0.5	4	<1	109	7	<20	8
98109	35	<0.5	4	<1	94	5	50	6
98110	352	<0.5	5	<1	114	7	130	18
98111	59	<0.5	8	<1	245	12	<20	9
98112	344	<0.5	4	<1	60	4	240	20
98113	6520	0.7	5	<1	38	3	220	53
98114	300	<0.5	4	<1	69	5	120	20
98115	92	<0.5	4	<1	88	8	170	11
98116	<3	<0.5	<1	<1	17	2	100	<5
98117	<3	<0.5	<1	<1	18	2	70	<5
98118	70	<0.5	1	<1	21	2	940	10
98119	146	<0.5	2	<1	40	4	240	11
98120	192	<0.5	35	<1	110	10	40	11
98121	93	<0.5	12	<1	39	4	30	8
98122	13	<0.5	3	<1	53	5	<20	<5
98123	28	<0.5	5	<1	29	3	<20	<5
98124	13	<0.5	2	<1	34	3	70	<5
98125	10	<0.5	2	<1	20	2	450	<5
98126	<3	<0.5	<1	<1	18	2	160	<5
98127	<3	<0.5	<1	<1	23	2	<20	<5
98128	<3	<0.5	<1	<1	15	1	<20	<5
98129	<3	<0.5	<1	<1	22	2	160	<5
98130	9	<0.5	8	<1	46	3	30	14
98131	<3	<0.5	2	<1	51	4	<20	11
98132	6	<0.5	5	<1	45	3	<20	11
98133	3	<0.5	9	<1	39	3	<20	7
98134	<3	<0.5	18	<1	70	4	30	14
98135	<3	<0.5	4	<1	55	4	20	10
98136	3	<0.5	24	<1	103	7	30	25
98137	<3	<0.5	3	<1	43	2	<20	9
98138	<3	<0.5	6	<1	69	4	<20	14

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98139	16	<0.5	20	<1	65	4	20	21
98140	<3	<0.5	36	<1	90	6	120	13
98141	<3	<0.5	1	<1	44	3	<20	10
98142	<3	<0.5	2	<1	64	6	<20	12
98143	<3	<0.5	5	<1	30	6	<20	<5
98144	6	<0.5	<1	<1	18	2	970	<5
98145	7	<0.5	209	<1	121	15	510	<5
98146	104	<0.5	13	<1	51	3	<20	23
98147	3	<0.5	6	<1	50	3	<20	15
98148	6	<0.5	9	<1	93	7	<20	47
98149	<3	<0.5	4	<1	66	8	40	12
98150	<3	0.5	10	<1	106	8	30	34
98151	<3	<0.5	13	<1	81	5	30	29
98152	<3	<0.5	4	<1	49	4	<20	6
98153	<3	<0.5	4	<1	47	3	<20	21
98154	<3	<0.5	11	<1	31	4	330	<5
98155	6	<0.5	3	<1	59	4	<20	23
98156	<3	<0.5	2	<1	68	4	<20	10
98157	3	<0.5	18	<1	331	29	<20	29
98158	<3	<0.5	3	<1	30	5	30	<5
98159	<3	<0.5	23	<1	128	9	140	17
98160	27	<0.5	39	<1	177	15	400	33
98161	7	<0.5	80	<1	142	10	80	14
98162	<3	<0.5	4	<1	51	3	<20	9
98163	<3	<0.5	6	<1	55	6	110	7
98164	27	<0.5	20	<1	97	7	2780	26
98165	4	<0.5	25	<1	106	7	<20	18
98166	<3	<0.5	6	<1	41	2	20	11
98167	5	<0.5	7	<1	52	4	<20	14
98168	14	<0.5	2	<1	40	2	40	11
98169	38	<0.5	38	<1	123	7	140	31
98170	22	<0.5	1	<1	37	2	40	11
98171	41	<0.5	5	<1	50	3	60	17
98172	<3	<0.5	2	<1	29	2	<20	11
98173	<3	<0.5	22	<1	41	4	30	11
98174	25	<0.5	34	<1	163	10	80	29
98175	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
98176	<3	<0.5	5	<1	56	3	<20	10
98177	<3	<0.5	7	<1	74	4	100	7
98178	<3	<0.5	4	<1	79	5	<20	9
98179	<3	<0.5	10	<1	86	5	20	14
98180	<3	<0.5	10	<1	48	3	20	9
98181	<3	<0.5	9	<1	41	3	40	8
98182	3	<0.5	14	<1	115	10	30	15
98183	13	<0.5	5	<1	13	2	60	<5
98184	11	<0.5	7	<1	<5	1	690	<5
98185	12	<0.5	5	<1	22	2	490	<5
Dup 98091	158	<0.5	3	<1	9	<1	130	5

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Element Method Det.Lim. Units	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
*Dup 98103	4260	0.5	7	<1	43	4	110	58
*Dup 98115	127	<0.5	4	<1	96	8	210	14
*Dup 98127	<3	<0.5	<1	<1	26	2	<20	<5
*Dup 98139	<3	<0.5	18	<1	48	5	<20	15
*Dup 98151	<3	<0.5	8	<1	74	8	30	23
*Dup 98163	<3	<0.5	9	<1	60	6	70	13
*Dup 98175	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Final : 085655

Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98186	4	<10	<0.1	560	<1	687.1953	40	182	57	90
98187	<1	<10	<0.1	210	2	621.9444	40	146	73	180
98188	<1	<10	<0.1	780	<1	675.9005	40	136	127	130
98189	<1	<10	<0.1	380	<1	706.673	30	98	46	280
98190	<1	<10	<0.1	1160	<1	651.8105	40	89	58	80
98191	<1	<10	<0.1	990	<1	709.6177	40	82	63	420
98192	<1	<10	<0.1	840	<1	700.1885	30	84	68	390
98193	<1	<10	<0.1	780	<1	742.4604	30	72	80	90
98194	<1	20	<0.1	790	<1	691.3225	60	76	367	40
98195	<1	<10	<0.1	640	<1	749.7237	60	70	174	90
98196	<1	<10	<0.1	620	<1	902.4015	60	83	32	140
98197	<1	<10	<0.1	530	<1	890.4324	70	84	41	60
98198	10	<10	0.3	1030	<1	930.6121	20	353	27	840
98199	10	<10	0.2	910	<1	578.6297	30	239	5	1180
98200	8	<10	0.3	880	<1	373.5336	<10	81	<5	550
98201	12	<10	0.2	930	<1	408.4091	<10	24	<5	820
98202	8	<10	0.3	770	<1	458.0675	<10	49	<5	1210
98203	6	<10	0.2	940	<1	453.8512	<10	35	10	500
98204	7	<10	0.2	900	<1	446.1402	<10	25	33	580
98205	9	<10	0.2	610	<1	365.5971	<10	21	18	520
98206	10	<10	0.2	610	<1	323.8026	<10	22	<5	340
98207	12	<10	0.1	680	<1	493.7867	<10	43	8	960
98208	6	<10	0.2	750	<1	457.3217	<10	18	12	390
98209	9	<10	0.2	860	<1	416.8384	<10	9	<5	330
98210	8	<10	0.1	890	<1	477.3813	<10	9	<5	300
98211	6	<10	0.1	770	<1	584.0989	<10	122	7	440
98212	8	<10	0.1	840	<1	448.0707	<10	21	11	260
98213	<1	10	<0.1	390	<1	<10	<10	172	26	230
98214	<1	10	<0.1	270	<1	<10	<10	83	23	260
98215	<1	10	<0.1	610	2	37.0546	<10	352	55	780
98216	1	<10	<0.1	30	<1	<10	20	141	21	330
98217	<1	10	<0.1	860	<1	31.6965	<10	510	27	330
98218	<1	10	<0.1	210	<1	13.3221	<10	218	23	580
98219	14	<10	<0.1	840	<1	19.5338	<10	422	16	80
98220	6	<10	<0.1	1080	<1	42.1652	<10	353	43	80
98221	<1	<10	<0.1	670	<1	53.1476	<10	242	47	260
98222	<1	40	<0.1	640	3	13.1285	<10	298	56	320
98223	<1	10	<0.1	270	<1	71.6749	<10	744	21	90
98224	2	10	<0.1	560	<1	338.9045	10	168	20	180
98225	2	20	<0.1	970	<1	147.0568	<10	789	39	280
98226	8	<10	0.1	690	<1	367.9181	10	180	7	2780
98227	<1	<10	0.9	960	<1	<10	<10	299	16	70
98228	<1	10	<0.1	610	<1	<10	<10	214	11	80
98229	<1	<10	<0.1	310	<1	<10	<10	198	12	80
98230	3	<10	<0.1	160	<1	<10	<10	186	13	40
98231	2	<10	<0.1	640	<1	<10	<10	285	18	60
98232	3	10	<0.1	240	<1	<10	<10	258	15	50
98233	4	<10	<0.1	200	<1	<10	<10	175	15	70

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98234	4	<10	<0.1	510	<1	16.8795	<10	182	14	110
98235	1	10	<0.1	1100	<1	<10	<10	348	14	90
98236	22	<10	0.4	890	<1	432.6674	<10	13	<5	610
98237	6	<10	0.2	2010	<1	772.6411	<10	560	25	580
98238	2	<10	0.1	1630	<1	276.5202	<10	775	12	100
98239	4	<10	<0.1	1560	<1	210.65	<10	470	12	130
98240	9	<10	0.2	1460	<1	506.1067	20	256	27	390
98241	4	<10	0.1	1450	<1	522.4912	10	456	13	350
98242	8	<10	0.3	820	<1	428.5171	<10	38	<5	440
98243	10	<10	0.3	990	<1	551.5136	<10	70	8	600
98244	5	<10	0.2	680	<1	330.9339	<10	38	11	260
98245	9	<10	0.2	950	<1	515.163	<10	73	7	700
98246	6	<10	0.1	680	<1	475.0273	60	201	34	1850
98247	11	<10	0.3	1090	<1	442.1593	<10	211	20	1010
98248	<1	<10	<0.1	340	<1	364.0648	50	52	15	90
98249	<1	<10	<0.1	270	<1	304.2666	30	36	23	50
97000	5	<10	0.1	860	<1	358.4548	<10	377	15	130
97001	3	<10	<0.1	380	<1	193.3041	<10	329	8	70
97002	19	<10	0.4	1370	<1	913.2376	<10	27	<5	410
97003	18	<10	0.4	1290	<1	815.6533	<10	33	<5	400
97004	19	<10	0.3	1240	<1	711.4734	<10	116	12	350
97005	12	<10	0.4	730	<1	462.1034	<10	8	<5	320
97006	14	<10	0.2	830	<1	458.5383	<10	33	<5	90
97007	52	<10	0.4	1250	<1	639.7831	<10	244	6	400
97008	6	<10	0.1	1290	<1	721.4196	<10	209	12	720
97009	4	<10	0.1	1010	<1	398.222	<10	77	21	430
97010	7	<10	0.2	700	<1	386.1605	<10	35	<5	660
97011	4	<10	0.4	850	<1	362.6271	<10	13	<5	510
97012	8	<10	0.3	1010	<1	414.5174	<10	57	30	800
97013	4	<10	0.1	940	<1	520.4342	<10	156	6	390
97014	6	<10	0.4	900	<1	425.7715	<10	14	<5	340
97015	12	<10	0.3	880	<1	520.6091	<10	6	<5	300
97016	11	<10	0.4	840	<1	531.1944	<10	6	<5	330
97017	15	<10	0.4	920	<1	574.5531	<10	12	<5	360
97018	14	<10	0.3	1170	<1	534.2117	<10	23	6	590
97019	12	<10	0.2	930	<1	527.0859	<10	168	<5	540
97020	7	<10	0.3	810	<1	451.0418	<10	9	<5	290
97021	14	<10	0.2	750	<1	594.5269	<10	68	<5	260
97022	9	<10	0.2	710	<1	473.7018	<10	32	<5	520
97023	3	20	0.1	870	1	193.9707	<10	545	28	110
97024	9	<10	0.2	970	<1	670.6139	<10	168	11	290
97025	2	<10	0.3	650	<1	312.8763	<10	24	<5	290
97026	2	<10	0.2	670	<1	324.9895	<10	16	<5	280
97027	10	<10	0.3	1080	<1	699.1259	<10	24	9	540
97028	7	<10	0.4	690	<1	484.2035	<10	43	<5	460
97029	10	<10	0.4	650	<1	386.2056	<10	20	<5	370
97030	25	<10	0.4	1080	<1	739.2484	<10	50	<5	420
97031	43	<10	0.4	970	<1	851.4407	<10	<5	<5	470

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98175	24	<10	0.3	740	<1	546.9783	<10	72	<5	600
*Dup 98186	4	<10	<0.1	570	<1	671.4631	40	160	40	60
*Dup 98198	16	<10	0.2	990	<1	797.0798	20	388	24	760
*Dup 98210	11	<10	0.1	750	<1	428.4203	<10	12	<5	260
*Dup 98222	<1	30	<0.1	550	3	26.1283	<10	280	48	260
*Dup 98234	3	<10	<0.1	520	<1	23.1946	<10	182	10	90
*Dup 98246	7	<10	0.1	580	1	460.6415	70	137	33	1440
*Dup 97008	9	<10	0.1	960	<1	613.5635	<10	424	13	480
*Dup 97020	8	<10	0.3	790	<1	476.1218	<10	12	<5	270
*Dup 98175	28	<10	0.4	1150	<1	781.7414	<10	41	<5	460

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98186	16	8.7	4.1	21	137	85	<5	1.2	99	106
98187	17	9.8	4.2	22	99	77	5	1.6	86	96
98188	12	6.4	3.1	16	87	82	6	1.1	72	104
98189	14	8.0	3.4	18	61	91	<5	0.6	66	102
98190	12	6.9	2.4	14	53	83	5	1.0	50	98
98191	13	8.1	3.0	16	51	91	<5	0.9	53	104
98192	13	7.8	3.1	16	51	92	<5	0.9	54	100
98193	9	4.8	2.1	11	44	94	<5	0.7	43	126
98194	2	1.3	0.6	4	35	92	25	0.6	24	127
98195	6	3.7	1.4	8	37	98	9	0.9	35	123
98196	16	9.4	4.0	21	44	113	<5	0.5	69	159
98197	13	6.9	3.2	17	40	102	<5	0.8	55	120
98198	33	15.3	11.2	53	130	113	<5	1.0	212	248
98199	37	21.1	9.0	45	108	91	<5	0.6	157	239
98200	9	4.2	2.5	13	12	62	<5	<0.5	31	35
98201	13	7.3	3.3	18	17	75	<5	<0.5	39	42
98202	12	6.1	3.3	17	20	75	<5	<0.5	43	100
98203	9	5.0	2.6	13	17	98	<5	<0.5	33	38
98204	10	6.3	1.9	12	8	102	<5	<0.5	21	55
98205	9	5.3	1.9	12	9	71	<5	<0.5	22	51
98206	8	4.4	2.0	11	8	69	<5	<0.5	22	23
98207	17	9.8	3.5	21	19	81	<5	<0.5	42	169
98208	12	6.5	2.7	15	14	83	<5	<0.5	33	62
98209	10	5.4	2.3	14	9	83	<5	<0.5	25	30
98210	10	5.8	1.8	11	6	99	<5	<0.5	17	26
98211	16	8.4	4.6	24	62	95	<5	0.5	94	141
98212	8	4.5	1.6	10	6	88	<5	<0.5	16	37
98213	19	9.4	5.5	23	79	2	5	8.6	99	93
98214	14	10.0	3.4	14	36	<1	5	14.8	52	70
98215	15	6.7	6.3	26	172	5	7	14.9	159	104
98216	20	9.3	6.4	25	48	<1	<5	0.8	100	49
98217	23	9.5	10.7	41	240	3	5	9.9	237	80
98218	18	7.7	6.7	28	95	2	<5	17.1	135	72
98219	22	8.9	8.9	37	155	<1	<5	2.7	193	24
98220	19	7.6	8.0	31	137	2	<5	3.5	154	54
98221	40	19.0	10.8	44	103	19	<5	8.2	170	122
98222	17	7.4	7.3	26	144	13	13	74.9	139	95
98223	41	18.3	16.5	64	181	3	<5	6.0	280	63
98224	12	5.4	4.9	20	72	26	<5	4.0	98	72
98225	45	20.8	16.8	73	373	6	8	4.1	402	60
98226	18	8.7	7.4	34	89	52	<5	1.0	155	134
98227	23	9.8	9.8	40	123	<1	<5	<0.5	191	28
98228	20	8.3	7.5	32	94	<1	<5	<0.5	145	21
98229	20	8.1	7.3	28	81	<1	9	<0.5	121	13
98230	14	6.6	6.5	24	78	<1	<5	<0.5	119	20
98231	30	11.8	12.1	49	168	<1	<5	<0.5	230	22
98232	28	11.5	11.9	45	129	<1	<5	<0.5	214	21
98233	17	7.3	6.7	26	70	<1	<5	<0.5	121	16

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98234	19	7.4	7.4	34	82	<1	<5	<0.5	154	16
98235	23	9.3	8.9	34	155	<1	<5	1.4	170	13
98236	15	8.4	3.7	20	12	107	<5	<0.5	35	58
98237	226	172	33.5	193	320	64	<5	<0.5	471	233
98238	55	25.4	18.9	82	288	34	<5	2.6	385	60
98239	39	17.6	11.1	49	173	29	<5	2.8	209	64
98240	59	37.9	11.8	59	138	67	<5	0.6	189	143
98241	112	65.8	21.9	112	243	69	<5	<0.5	368	149
98242	11	5.4	2.8	15	17	89	<5	<0.5	36	56
98243	17	8.3	4.6	25	43	110	<5	<0.5	76	114
98244	5	2.3	1.5	8	11	57	<5	<0.5	23	36
98245	21	11.3	5.5	29	34	92	<5	<0.5	72	90
98246	29	16.9	6.4	32	87	59	<5	2.0	114	200
98247	21	9.6	7.0	32	79	63	<5	0.6	127	48
98248	12	7.2	2.3	12	22	44	<5	<0.5	34	38
98249	9	5.5	1.7	9	17	35	<5	0.6	25	30
97000	20	8.5	8.5	38	167	58	<5	0.9	198	34
97001	14	6.5	5.9	26	152	29	<5	2.0	156	24
97002	30	15.8	7.0	38	59	153	<5	<0.5	100	85
97003	28	13.7	7.2	38	59	143	<5	<0.5	102	79
97004	31	15.2	8.3	43	80	123	<5	<0.5	132	128
97005	14	7.0	3.3	19	13	98	<5	<0.5	34	54
97006	26	10.4	9.6	46	129	81	<5	<0.5	195	37
97007	71	36.9	18.6	94	243	130	<5	<0.5	316	115
97008	94	73.3	12.6	74	115	41	<5	<0.5	171	149
97009	7	3.7	2.2	12	37	71	<5	1.3	46	58
97010	9	5.4	1.9	11	14	71	<5	<0.5	25	49
97011	5	2.7	1.1	7	8	61	<5	<0.5	16	30
97012	10	5.4	2.4	13	19	69	<5	<0.5	35	71
97013	12	5.4	4.5	21	69	121	<5	1.1	97	102
97014	9	4.6	2.1	12	11	92	<5	<0.5	24	31
97015	6	2.9	1.4	8	6	153	<5	<0.5	15	27
97016	8	4.0	1.8	10	7	151	<5	<0.5	18	39
97017	10	4.9	2.4	13	15	154	<5	<0.5	30	76
97018	12	6.2	2.6	14	8	142	<5	<0.5	24	74
97019	23	10.3	7.6	37	65	110	<5	<0.5	121	139
97020	9	4.6	2.0	11	10	116	<5	<0.5	23	29
97021	23	11.4	6.8	34	60	139	<5	<0.5	104	119
97022	9	4.5	2.2	12	10	95	<5	<0.5	26	95
97023	20	8.4	7.7	33	196	29	<5	6.9	200	54
97024	21	10.6	6.2	32	67	103	<5	<0.5	107	100
97025	5	2.6	0.9	6	4	65	<5	<0.5	10	27
97026	4	2.5	0.8	5	4	66	<5	<0.5	9	24
97027	15	9.0	2.8	17	10	122	<5	<0.5	27	111
97028	14	7.2	3.0	17	12	88	<5	<0.5	31	80
97029	11	5.6	2.7	15	11	75	<5	<0.5	31	44
97030	22	11.1	5.8	30	47	129	<5	<0.5	87	125
97031	16	10.8	2.4	16	11	129	<5	<0.5	26	71

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
98175	17	7.6	5.1	26	39	92	<5	<0.5	79	155
*Dup 98186	13	6.8	3.7	19	70	79	<5	1.3	83	98
*Dup 98198	25	10.5	9.5	45	120	94	<5	1.0	201	266
*Dup 98210	8	4.4	1.7	10	7	84	<5	<0.5	18	24
*Dup 98222	14	6.0	6.2	22	138	11	12	64.8	125	96
*Dup 98234	17	7.1	7.1	32	82	1	<5	<0.5	152	13
*Dup 98246	32	20.7	5.2	27	58	61	<5	1.4	79	215
*Dup 97008	77	47.9	16.6	84	193	57	<5	0.6	281	116
*Dup 97020	8	4.2	2.1	12	11	119	<5	<0.5	25	34
*Dup 98175	20	9.9	5.5	28	42	137	<5	<0.5	81	118

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98186	340	<1	29	<5	<1	20	<1	900	<10	4.7
98187	1190	<1	23	9	<1	19	<1	740	<10	6.4
98188	670	<1	20	14	<1	15	<1	730	<10	4.4
98189	280	<1	16	10	<1	16	<1	750	<10	2.8
98190	310	<1	13	8	<1	12	<1	720	<10	3.5
98191	310	<1	13	13	<1	13	<1	780	<10	3.6
98192	450	<1	14	18	<1	13	<1	750	<10	3.5
98193	260	<1	11	8	<1	10	<1	830	<10	2.2
98194	1290	<1	7	54	<1	4	<1	820	<10	2.4
98195	890	<1	9	24	<1	7	<1	890	<10	3.1
98196	280	<1	15	16	<1	18	<1	1010	<10	2.2
98197	440	<1	13	8	<1	14	<1	930	<10	2.2
98198	90	<1	48	138	<1	50	<1	1020	<10	62.6
98199	210	<1	38	21	<1	37	<1	630	<10	31.0
98200	40	<1	5	17	<1	10	<1	630	<10	6.2
98201	60	<1	7	26	<1	12	<1	620	<10	10.9
98202	30	<1	8	41	<1	14	<1	540	<10	11.6
98203	20	<1	7	42	<1	10	<1	580	<10	6.5
98204	80	<1	4	41	<1	7	<1	810	<10	7.9
98205	80	<1	4	39	<1	8	<1	600	<10	8.3
98206	40	<1	4	19	<1	7	<1	500	<10	5.1
98207	40	<1	8	53	<1	14	<1	720	<10	19.5
98208	50	<1	6	42	<1	11	<1	650	<10	9.1
98209	40	<1	4	30	<1	9	<1	730	<10	4.4
98210	40	<1	3	49	<1	7	<1	870	<10	4.2
98211	60	<1	22	69	<1	20	<1	810	<10	37.3
98212	30	<1	3	31	<1	6	<1	890	<10	3.6
98213	230	<1	25	80	<1	22	<1	60	<10	21.4
98214	250	<1	12	122	<1	12	2	30	<10	21.3
98215	240	<1	44	94	<1	28	2	120	<10	21.8
98216	280	<1	22	106	<1	26	<1	<10	<10	10.1
98217	30	<1	64	86	<1	45	<1	90	<10	38.3
98218	250	<1	33	117	<1	28	3	30	<10	13.5
98219	100	<1	48	212	<1	39	<1	20	<10	22.4
98220	160	<1	38	154	<1	32	<1	90	<10	23.3
98221	490	<1	39	50	<1	39	1	220	<10	13.9
98222	280	<1	38	146	1	28	15	80	<10	30.8
98223	180	<1	66	58	<1	65	<1	60	<10	36.9
98224	160	<1	24	57	<1	20	<1	390	<10	11.7
98225	70	<1	108	40	<1	76	<1	130	<10	32.9
98226	40	<1	34	77	<1	34	<1	330	<10	14.6
98227	90	<1	46	119	<1	41	<1	10	<10	5.6
98228	50	<1	35	91	<1	33	<1	60	<10	3.8
98229	60	<1	30	94	<1	29	<1	40	<10	6.4
98230	180	<1	29	102	<1	25	<1	<10	<10	5.1
98231	100	<1	56	109	<1	52	<1	<10	<10	6.3
98232	150	<1	51	94	<1	47	<1	40	<10	7.2
98233	130	<1	29	127	<1	27	<1	20	<10	5.2

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Element Method Det.Lim. Units	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB
98234	60	<1	35	136	<1	34	<1	180	<10	7.0
98235	60	<1	45	116	<1	36	<1	<10	<10	19.2
98236	30	<1	6	47	<1	13	<1	540	<10	6.7
98237	160	<1	107	92	<1	125	<1	1590	<10	17.2
98238	200	<1	96	170	<1	81	<1	490	<10	54.3
98239	220	<1	52	185	<1	45	<1	460	<10	40.7
98240	290	<1	43	142	<1	48	<1	970	<10	45.8
98241	370	<1	81	151	<1	90	<1	960	<10	54.0
98242	30	<1	7	54	<1	11	<1	480	<10	6.9
98243	20	<1	17	82	<1	19	<1	550	<10	17.4
98244	20	<1	4	37	<1	7	<1	370	<10	3.4
98245	30	<1	15	66	<1	21	<1	530	<10	13.6
98246	680	<1	28	55	<1	27	<1	390	<10	16.8
98247	140	<1	29	25	<1	29	<1	450	<10	33.0
98248	280	<1	8	<5	<1	9	<1	270	<10	2.7
98249	240	<1	6	6	<1	7	<1	210	<10	2.8
97000	30	<1	50	76	<1	38	<1	460	<10	35.3
97001	10	<1	41	86	<1	28	<1	150	<10	24.5
97002	40	<1	21	36	<1	27	<1	960	<10	15.4
97003	40	<1	21	40	<1	28	<1	860	<10	19.6
97004	50	<1	29	96	<1	34	<1	750	<10	31.5
97005	<10	<1	6	31	<1	12	<1	490	<10	5.2
97006	<10	<1	45	115	<1	44	<1	450	<10	16.3
97007	50	<1	75	86	<1	76	<1	810	<10	32.6
97008	150	<1	37	98	<1	46	<1	1140	<10	13.3
97009	20	<1	11	22	<1	10	<1	390	<10	9.3
97010	40	<1	5	48	<1	8	<1	420	<10	4.3
97011	10	<1	3	22	<1	5	<1	600	<10	2.1
97012	40	<1	7	13	<1	10	<1	490	<10	8.8
97013	30	<1	22	17	<1	20	<1	390	<10	15.5
97014	30	<1	4	22	<1	8	<1	450	<10	4.7
97015	30	<1	3	47	<1	5	<1	620	<10	2.5
97016	30	<1	3	50	<1	6	<1	610	<10	3.6
97017	40	<1	6	39	<1	9	<1	500	<10	6.3
97018	80	<1	4	38	<1	9	<1	560	<10	6.0
97019	60	<1	25	64	<1	32	<1	490	<10	19.9
97020	30	<1	4	28	<1	7	<1	480	<10	4.4
97021	30	<1	23	78	<1	28	<1	510	<10	29.2
97022	20	<1	5	59	<1	9	<1	470	<10	6.1
97023	170	<1	55	99	<1	36	<1	200	<10	61.3
97024	30	<1	24	33	<1	26	<1	680	<10	31.7
97025	40	<1	2	38	<1	4	<1	460	<10	4.0
97026	40	<1	1	37	<1	3	<1	470	<10	3.7
97027	60	<1	5	9	<1	10	<1	870	<10	7.3
97028	50	<1	6	24	<1	11	<1	550	<10	8.8
97029	30	<1	5	23	<1	10	<1	420	<10	6.8
97030	20	<1	19	48	<1	23	<1	740	<10	15.8
97031	20	<1	5	39	<1	9	<1	1040	<10	4.8

Element Method Det.Lim. Units	Pb MMI-M5 10 PPB	Pd MMI-M5 1 PPB	Pr MMI-M5 1 PPB	Rb MMI-M5 5 PPB	Sb MMI-M5 1 PPB	Sm MMI-M5 1 PPB	Sn MMI-M5 1 PPB	Sr MMI-M5 10 PPB	Te MMI-M5 10 PPB	Th MMI-M5 0.5 PPB
98175	20	<1	16	80	<1	21	<1	650	<10	13.5
*Dup 98186	540	<1	22	5	<1	18	<1	730	<10	5.8
*Dup 98198	80	<1	46	121	<1	45	<1	880	<10	60.3
*Dup 98210	40	<1	3	48	<1	7	<1	750	<10	3.8
*Dup 98222	230	<1	34	124	1	23	13	100	<10	24.9
*Dup 98234	50	<1	35	137	<1	33	<1	190	<10	6.5
*Dup 98246	810	<1	19	44	<1	21	<1	460	<10	15.0
*Dup 97008	160	<1	63	108	<1	69	<1	970	<10	41.9
*Dup 97020	20	<1	5	32	<1	8	<1	520	<10	4.7
*Dup 98175	10	<1	17	48	<1	22	<1	790	<10	13.1

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Element Method Det.Lim. Units	Ti MMI-M5 3 PPB	Tl MMI-M5 0.5 PPB	U MMI-M5 1 PPB	W MMI-M5 1 PPB	Y MMI-M5 5 PPB	Yb MMI-M5 1 PPB	Zn MMI-M5 20 PPB	Zr MMI-M5 5 PPB
98186	123	<0.5	50	<1	96	7	1250	28
98187	256	<0.5	134	<1	104	8	1000	37
98188	162	<0.5	90	<1	73	5	1330	28
98189	54	<0.5	59	<1	93	7	1560	17
98190	133	<0.5	32	<1	73	6	1520	25
98191	111	<0.5	123	<1	89	6	1420	23
98192	83	<0.5	125	<1	85	7	1330	23
98193	60	<0.5	27	<1	55	4	2120	15
98194	49	0.9	9	<1	16	1	1810	13
98195	106	<0.5	28	<1	40	3	2140	16
98196	47	<0.5	35	<1	109	7	1890	13
98197	68	<0.5	22	<1	79	5	1090	13
98198	41	<0.5	107	<1	174	11	600	53
98199	32	<0.5	90	<1	206	16	20	41
98200	<3	<0.5	8	<1	56	3	<20	21
98201	15	<0.5	25	<1	82	6	20	31
98202	71	<0.5	11	<1	81	5	<20	36
98203	33	<0.5	12	<1	61	4	90	28
98204	10	<0.5	14	<1	61	5	60	11
98205	14	<0.5	12	<1	56	4	20	21
98206	<3	<0.5	6	<1	50	3	<20	13
98207	81	<0.5	22	<1	92	8	<20	46
98208	14	<0.5	14	<1	70	5	20	17
98209	12	<0.5	3	<1	59	4	<20	14
98210	11	<0.5	1	<1	55	4	<20	10
98211	11	<0.5	25	<1	88	7	110	32
98212	24	<0.5	1	<1	47	4	<20	11
98213	2490	0.8	12	1	91	7	30	54
98214	5650	<0.5	7	1	84	9	40	50
98215	5020	0.6	11	1	70	5	100	61
98216	192	<0.5	9	<1	89	7	60	19
98217	2450	1.6	14	1	95	7	30	86
98218	8390	0.7	8	2	85	6	180	50
98219	710	0.7	9	<1	96	6	<20	46
98220	912	0.6	8	<1	79	5	<20	45
98221	3330	0.6	9	<1	207	13	20	44
98222	37100	1.4	12	5	70	6	180	178
98223	1270	0.6	15	1	189	14	<20	60
98224	990	<0.5	8	<1	57	4	220	19
98225	995	0.7	29	<1	234	16	30	75
98226	123	0.8	19	<1	117	7	<20	38
98227	27	0.6	6	<1	115	7	<20	16
98228	12	<0.5	5	<1	96	6	<20	9
98229	13	<0.5	7	<1	81	6	<20	14
98230	32	<0.5	4	<1	74	5	100	8
98231	22	<0.5	7	<1	138	9	<20	14
98232	22	<0.5	6	<1	131	8	<20	12
98233	27	<0.5	5	<1	77	6	90	11

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98234	40	<0.5	5	<1	92	5	<20	12
98235	355	<0.5	7	<1	95	7	<20	43
98236	<3	<0.5	2	<1	99	6	<20	15
98237	<3	<0.5	10	1	1150	156	200	24
98238	579	<0.5	13	<1	253	18	130	70
98239	584	0.6	6	<1	191	12	20	57
98240	27	<0.5	20	<1	297	31	740	87
98241	16	<0.5	18	<1	583	51	470	83
98242	<3	<0.5	2	<1	62	4	<20	17
98243	3	<0.5	5	<1	89	6	120	22
98244	9	<0.5	1	<1	31	2	<20	12
98245	13	<0.5	7	<1	113	9	<20	22
98246	114	<0.5	304	<1	183	13	160	40
98247	42	<0.5	8	<1	107	7	<20	37
98248	62	<0.5	35	<1	73	6	450	6
98249	91	<0.5	12	<1	53	5	340	7
97000	145	<0.5	9	<1	100	6	<20	32
97001	396	<0.5	17	<1	78	5	<20	44
97002	<3	<0.5	11	<1	146	11	<20	14
97003	3	<0.5	16	<1	133	9	<20	20
97004	<3	<0.5	15	<1	150	11	<20	23
97005	<3	<0.5	3	<1	80	5	<20	12
97006	3	<0.5	8	<1	131	7	<20	12
97007	5	0.6	11	<1	391	27	<20	40
97008	<3	0.6	9	<1	439	68	110	24
97009	241	<0.5	3	<1	43	3	<20	32
97010	50	0.5	1	<1	56	4	30	24
97011	12	<0.5	7	<1	33	2	30	18
97012	58	<0.5	5	<1	58	4	<20	38
97013	217	<0.5	12	<1	68	4	<20	29
97014	7	<0.5	2	<1	53	3	<20	18
97015	<3	<0.5	3	<1	36	2	<20	9
97016	<3	<0.5	3	<1	45	3	<20	15
97017	7	<0.5	19	<1	56	4	<20	17
97018	<3	<0.5	10	<1	64	5	<20	12
97019	<3	<0.5	39	<1	116	7	40	25
97020	4	<0.5	3	<1	51	4	<20	20
97021	6	<0.5	17	<1	119	9	<20	30
97022	<3	<0.5	9	<1	50	3	<20	13
97023	1060	<0.5	13	<1	86	7	50	103
97024	4	<0.5	18	<1	106	8	<20	25
97025	<3	<0.5	3	<1	29	2	<20	8
97026	<3	<0.5	3	<1	25	2	<20	7
97027	<3	<0.5	2	<1	84	7	<20	12
97028	<3	<0.5	3	<1	76	5	<20	15
97029	<3	<0.5	2	<1	63	4	<20	15
97030	<3	<0.5	8	<1	120	8	<20	17
97031	<3	<0.5	2	<1	85	8	<20	<5

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
98175	<3	<0.5	14	<1	87	5	<20	16
*Dup 98186	193	<0.5	42	<1	80	5	1200	25
*Dup 98198	102	<0.5	83	<1	123	8	450	48
*Dup 98210	<3	<0.5	1	<1	49	3	30	9
*Dup 98222	31500	1.1	9	5	60	5	190	154
*Dup 98234	42	<0.5	5	<1	84	4	<20	12
*Dup 98246	79	<0.5	346	<1	214	16	200	36
*Dup 97008	17	<0.5	23	<1	360	41	160	29
*Dup 97020	<3	<0.5	3	<1	50	3	<20	18
*Dup 98175	<3	<0.5	7	<1	110	7	<20	16

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
97032	11	30	<0.1	1090	<1	<10	30	96	142	180
97033	10	20	<0.1	790	<1	<10	10	171	43	150
97034	6	20	<0.1	820	<1	140.2313	20	96	60	140
97035	12	40	<0.1	770	1	<10	10	111	138	130
97036	8	20	<0.1	800	1	23.1044	<10	460	62	190
97037	19	10	<0.1	540	<1	55.2321	20	178	47	80
97038	24	10	<0.1	630	<1	<10	70	78	63	100
97039	23	10	<0.1	480	<1	17.0973	30	200	43	120
97040	4	20	<0.1	1110	1	145.2099	10	74	33	90
97041	13	10	<0.1	700	<1	<10	20	89	75	140
97042	10	30	<0.1	790	<1	<10	20	225	47	100
97043	14	20	<0.1	680	<1	31.5953	20	72	61	140
97044	6	20	<0.1	1530	<1	41.569	20	106	149	80
97045	10	20	<0.1	390	<1	13.4332	<10	67	62	70
97046	5	<10	0.1	960	<1	321.1175	<10	223	11	200
97047	2	30	0.2	1520	1	179.8302	<10	2630	39	170
97048	1	20	<0.1	670	<1	<10	<10	212	22	30
97049	3	10	<0.1	180	<1	<10	<10	199	18	60
97050	16	<10	<0.1	210	<1	<10	20	106	69	150
97051	4	20	<0.1	500	<1	31.9935	<10	187	72	90
97052	14	<10	<0.1	550	<1	<10	<10	92	38	70
97053	15	<10	<0.1	580	<1	<10	<10	112	37	80
97054	7	10	<0.1	950	<1	330.8624	20	82	20	120
97055	6	20	0.1	1230	<1	209.3905	20	368	19	150
97056	8	10	<0.1	1250	<1	275.7128	20	98	23	80
97057	17	20	<0.1	510	<1	78.9855	10	162	37	100
97058	7	20	<0.1	400	<1	39.8013	10	174	49	100
97059	6	10	0.3	1280	<1	276.7864	<10	521	8	290
97060	14	<10	0.4	1810	<1	744.7264	<10	924	15	580
97061	8	<10	0.4	1430	<1	580.8671	<10	1410	11	640
97062	10	<10	0.3	810	<1	548.3786	<10	25	19	870
97063	20	<10	0.2	1210	<1	660.1221	<10	14	23	1100
97064	9	<10	0.2	1430	<1	373.4456	<10	528	33	220
97065	5	<10	0.3	1620	<1	632.5165	<10	1100	9	320
97066	11	<10	0.3	1460	<1	680.1091	<10	506	13	1000
97067	3	<10	0.2	1700	<1	750.7995	<10	218	18	490
97068	16	<10	0.3	1550	<1	993.8478	<10	148	9	650
97069	6	<10	0.2	1110	<1	692.6315	10	314	20	500
97070	17	<10	0.3	590	<1	484.088	<10	6	<5	950
97071	10	<10	0.2	1950	<1	843.3788	<10	274	8	780
97072	10	<10	0.2	1260	<1	685.6916	<10	101	31	530
97073	4	<10	0.2	1120	<1	382.1609	<10	190	91	370
97074	8	<10	<0.1	1140	<1	464.7588	<10	19	202	450
97075	14	<10	0.1	1570	<1	600.1534	10	13	111	2110
97076	13	<10	0.2	1830	<1	482.0519	<10	61	29	5310
97077	8	<10	0.2	1700	<1	620.3329	20	532	131	4410
97078	<1	<10	0.4	230	<1	333.4892	40	32	77	1140
97079	14	<10	0.4	2480	<1	702.1179	10	384	72	5050

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Element Method Det.Lim. Units	Ag MMI-M5 1 PPB	As MMI-M5 10 PPB	Au MMI-M5 0.1 PPB	Ba MMI-M5 10 PPB	Bi MMI-M5 1 PPB	Ca MMI-M5 10 PPM	Cd MMI-M5 10 PPB	Ce MMI-M5 5 PPB	Co MMI-M5 5 PPB	Cu MMI-M5 10 PPB
97080	<1	<10	0.2	280	<1	358.743	20	30	54	1730
97081	<1	<10	0.1	220	<1	338.5866	20	24	65	1870
97082	2	<10	0.3	760	<1	213.9577	<10	455	29	850
97083	4	<10	0.1	330	<1	326.2776	<10	91	83	1080
97084	3	<10	0.3	570	<1	470.613	<10	120	99	1410
97085	2	20	<0.1	680	1	<10	20	64	234	730
97086	6	<10	0.1	180	<1	287.6214	<10	121	53	170
97087	<1	<10	<0.1	170	<1	383.9066	30	23	61	80
97088	2	<10	<0.1	170	<1	448.8803	30	36	19	250
97089	5	<10	0.2	1030	<1	414.8056	<10	53	<5	390
97090	5	<10	0.4	1460	<1	447.3942	<10	176	16	410
97091	4	10	0.2	1420	<1	295.4006	<10	1210	123	330
97092	6	<10	0.4	2000	<1	511.7662	<10	29	5	650
97093	2	20	0.1	2000	1	65.8999	<10	1190	81	380
97094	1	20	0.3	1840	<1	73.8848	<10	3240	50	590
97095	2	10	<0.1	1260	1	54.1431	<10	677	61	150
97096	11	20	0.1	1150	<1	39.7617	<10	371	64	220
97097	8	<10	0.3	1230	<1	397.6269	<10	366	<5	390
97098	14	<10	0.3	1060	<1	549.648	<10	8	20	900
97099	20	<10	0.4	2780	<1	879.472	<10	465	5	850
97100	14	<10	0.5	2080	<1	840.8092	<10	136	8	1000
97101	<1	<10	<0.1	330	<1	289.6014	30	52	45	60
97102	<1	<10	<0.1	280	<1	398.1098	<10	21	40	160
97103	<1	<10	<0.1	190	<1	359.1511	20	28	42	80
97104	7	<10	<0.1	1580	<1	619.2428	10	385	172	1070
97105	<1	<10	<0.1	140	<1	321.9304	30	9	78	20
97106	<1	<10	<0.1	130	<1	396.0132	40	<5	70	130
97107	<1	<10	<0.1	160	<1	431.4002	30	10	15	30
97108	<1	<10	<0.1	160	<1	436.1577	20	41	19	40
97109	3	<10	0.3	1180	<1	408.6731	<10	74	<5	210
97110	3	<10	0.3	850	<1	309.2936	<10	351	6	400
97111	3	<10	0.2	1060	<1	367.2889	<10	27	<5	250
97112	7	<10	<0.1	690	<1	461.5127	20	249	12	510
97113	5	<10	0.2	1090	<1	419.7688	<10	28	17	650
97114	1	<10	0.2	1410	<1	198.0231	<10	365	32	230
Dup 97032	12	40	<0.1	1410	1	16.8267	30	82	162	230
Dup 97044	7	30	<0.1	1720	<1	56.3442	20	117	163	90
*Dup 97056	11	<10	<0.1	1030	<1	287.562	20	116	25	100
Dup 97068	20	<10	0.3	1230	<1	648.0177	<10	12	13	910
Dup 97080	<1	<10	<0.1	270	<1	363.9944	20	24	63	1780
Dup 97092	6	<10	0.4	1830	<1	502.9739	<10	33	6	620
*Dup 97104	9	<10	0.1	1760	<1	541.4607	20	436	116	810

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97032	6	3.1	2.6	8	47	3	<5	16.1	42	55
97033	11	5.0	4.7	16	85	<1	6	9.2	81	69
97034	7	3.7	2.0	8	42	9	<5	12.6	39	121
97035	7	3.0	2.5	9	51	3	5	21.0	45	46
97036	14	5.3	5.6	21	194	7	7	30.4	131	78
97037	12	5.6	5.0	18	83	2	<5	3.4	85	87
97038	7	3.7	2.8	9	36	<1	<5	5.7	41	75
97039	13	6.3	5.8	20	96	<1	<5	4.7	101	59
97040	5	2.8	1.7	7	41	15	<5	20.1	32	116
97041	8	4.1	3.2	10	39	<1	<5	4.9	48	93
97042	13	5.9	5.0	19	98	2	5	11.6	97	56
97043	9	4.8	2.9	11	38	3	<5	17.7	45	88
97044	9	4.4	3.0	11	46	4	5	11.2	54	95
97045	8	4.5	2.6	9	30	3	6	12.8	37	74
97046	21	8.1	9.6	41	145	76	<5	1.0	211	63
97047	214	103	71.5	333	1520	46	<5	12.2	1730	105
97048	19	8.0	5.8	23	96	1	<5	8.2	99	75
97049	19	10.0	7.4	27	97	<1	5	3.2	121	39
97050	11	5.5	3.5	13	43	<1	<5	2.8	55	123
97051	12	6.0	5.0	17	87	3	5	11.9	86	63
97052	16	9.7	3.9	15	47	3	<5	7.3	58	86
97053	20	10.6	4.7	19	50	1	<5	4.8	70	64
97054	6	2.8	1.7	8	31	38	<5	3.8	32	103
97055	43	20.2	10.3	49	192	45	<5	5.2	186	61
97056	9	4.8	2.3	10	34	33	<5	2.6	39	95
97057	12	5.6	3.9	16	64	7	<5	8.0	68	76
97058	14	6.1	5.4	19	82	2	6	7.8	88	56
97059	66	29.1	17.0	79	288	52	<5	3.9	299	30
97060	67	62.0	17.7	91	578	172	<5	<0.5	534	323
97061	232	120	71.3	350	902	165	<5	0.8	1340	112
97062	15	8.4	3.5	20	14	123	<5	<0.5	36	107
97063	11	6.7	1.7	12	7	144	<5	<0.5	11	164
97064	49	22.9	13.6	64	263	73	<5	1.7	256	118
97065	163	97.5	39.9	200	487	123	<5	0.7	715	190
97066	48	63.4	9.8	54	330	108	<5	<0.5	304	290
97067	25	25.3	5.4	27	116	109	<5	0.7	122	180
97068	42	21.5	11.2	58	115	158	<5	<0.5	190	152
97069	27	14.3	7.5	37	112	113	<5	0.8	150	178
97070	16	12.2	1.9	14	2	141	<5	<0.5	6	85
97071	55	32.8	13.0	69	124	154	<5	<0.5	198	169
97072	23	13.3	5.3	30	20	113	<5	<0.5	56	92
97073	13	5.8	4.5	22	53	59	<5	1.3	84	118
97074	9	5.0	1.8	11	7	98	5	<0.5	16	100
97075	13	8.5	1.6	11	6	91	<5	<0.5	10	101
97076	17	10.8	3.5	21	26	42	8	<0.5	47	49
97077	43	23.6	11.8	57	233	57	8	4.6	267	236
97078	11	7.9	2.0	10	14	34	<5	<0.5	22	51
97079	25	13.0	7.7	37	137	62	23	3.1	178	173

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Element Method Det.Lim. Units	Dy MMI-M5 1 PPB	Er MMI-M5 0.5 PPB	Eu MMI-M5 0.5 PPB	Gd MMI-M5 1 PPB	La MMI-M5 1 PPB	Mg MMI-M5 1 PPM	Mo MMI-M5 5 PPB	Nb MMI-M5 0.5 PPB	Nd MMI-M5 1 PPB	Ni MMI-M5 5 PPB
97080	9	6.7	1.6	8	15	30	<5	<0.5	21	72
97081	8	6.8	1.3	7	12	30	<5	<0.5	18	74
97082	17	7.0	7.5	34	146	20	<5	1.7	186	40
97083	6	2.7	2.5	12	33	24	<5	0.8	52	92
97084	3	1.4	1.3	6	19	37	<5	0.7	28	121
97085	9	5.5	2.6	10	29	6	8	33.9	33	272
97086	5	2.1	2.1	9	49	44	<5	4.3	51	44
97087	3	2.1	0.8	5	10	64	<5	<0.5	16	56
97088	5	2.9	1.4	7	18	64	<5	<0.5	27	108
97089	9	3.4	3.9	19	46	65	<5	<0.5	81	58
97090	18	7.3	7.8	35	75	104	<5	<0.5	141	109
97091	52	21.6	20.5	93	436	56	<5	4.8	496	105
97092	35	15.6	11.6	58	102	125	<5	<0.5	171	59
97093	49	19.2	21.9	82	426	9	5	20.1	453	59
97094	136	56.0	54.7	233	1460	9	<5	17.6	1450	34
97095	29	12.9	13.0	50	296	6	9	22.9	287	50
97096	22	9.9	9.2	33	178	3	7	12.2	170	85
97097	30	12.0	12.4	56	156	87	<5	<0.5	247	160
97098	14	8.8	1.8	13	4	154	<5	<0.5	5	137
97099	93	46.1	27.9	139	377	174	<5	<0.5	483	259
97100	49	33.3	12.4	67	137	186	<5	<0.5	203	162
97101	10	5.6	2.6	13	37	42	<5	<0.5	46	33
97102	1	0.7	<0.5	2	19	67	<5	<0.5	14	51
97103	6	3.8	1.2	7	16	51	<5	<0.5	20	47
97104	25	13.5	7.6	36	137	96	<5	1.6	170	182
97105	<1	0.7	<0.5	1	5	58	<5	<0.5	4	24
97106	1	2.3	<0.5	<1	<1	38	<5	<0.5	<1	45
97107	3	3.2	<0.5	2	4	62	<5	<0.5	7	57
97108	8	4.6	1.6	9	19	71	<5	<0.5	30	60
97109	9	3.6	4.3	19	62	70	<5	<0.5	90	36
97110	15	5.4	7.5	32	133	47	<5	1.1	183	50
97111	9	3.5	4.3	20	47	60	<5	<0.5	85	49
97112	21	9.8	7.5	36	105	93	<5	0.8	153	223
97113	10	4.1	3.9	18	18	87	<5	<0.5	55	53
97114	16	5.6	8.4	34	159	36	<5	3.0	202	18
Dup 97032	6	3.2	2.7	9	45	4	<5	19.0	41	60
*Dup 97044	9	4.3	3.3	12	54	4	5	11.4	59	98
*Dup 97056	10	5.3	2.6	11	37	32	<5	3.6	43	92
Dup 97068	7	11.6	0.8	6	17	103	<5	<0.5	20	204
Dup 97080	9	6.9	1.6	9	16	32	<5	<0.5	24	70
*Dup 97092	38	17.5	13.0	64	114	123	<5	<0.5	194	56
*Dup 97104	29	15.0	9.1	42	155	87	<5	1.4	196	160

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97032	370	<1	12	93	1	9	4	120	<10	15.1
97033	330	<1	22	95	1	17	2	30	<10	35.6
97034	380	<1	10	187	<1	8	2	380	<10	28.6
97035	400	<1	13	88	2	9	4	100	<10	35.3
97036	210	<1	40	231	1	24	7	140	<10	49.8
97037	210	<1	23	93	1	18	<1	80	<10	20.4
97038	350	<1	10	76	1	9	1	40	<10	16.6
97039	300	<1	27	121	<1	21	<1	50	<10	17.6
97040	220	<1	9	184	<1	6	5	450	<10	18.5
97041	260	<1	12	141	1	11	<1	80	<10	27.8
97042	160	<1	27	116	2	20	2	60	<10	55.3
97043	380	<1	11	190	1	11	3	100	<10	20.6
97044	340	<1	14	125	1	12	2	150	<10	27.8
97045	340	<1	9	169	1	9	2	60	<10	21.6
97046	30	<1	50	78	<1	43	<1	450	<10	15.6
97047	340	<1	459	94	<1	331	<1	440	<10	192
97048	130	<1	26	66	<1	23	<1	70	<10	30.1
97049	220	<1	30	38	<1	27	<1	10	<10	22.4
97050	300	<1	14	109	<1	12	<1	50	<10	24.5
97051	290	<1	23	118	<1	18	2	80	<10	30.3
97052	490	<1	14	114	<1	14	1	80	<10	20.7
97053	470	<1	17	116	<1	16	<1	50	<10	23.2
97054	260	<1	8	138	<1	7	<1	620	<10	14.4
97055	290	<1	48	116	<1	41	<1	530	<10	70.1
97056	340	<1	10	156	<1	9	<1	670	<10	46.5
97057	300	<1	17	133	<1	15	<1	220	<10	38.8
97058	280	<1	23	120	1	20	1	100	<10	28.8
97059	250	<1	76	149	<1	70	<1	710	<10	84.9
97060	230	<1	150	59	<1	85	<1	1120	<10	16.5
97061	110	<1	323	70	<1	306	<1	920	<10	93.5
97062	40	<1	6	28	<1	13	1	660	<10	5.8
97063	50	<1	2	<5	<1	5	<1	1290	<10	4.4
97064	330	<1	66	120	<1	55	<1	980	<10	67.1
97065	240	<1	175	99	<1	169	<1	1150	<10	54.2
97066	150	<1	83	58	<1	47	<1	1370	<10	8.9
97067	230	<1	31	99	<1	24	<1	1290	<10	21.6
97068	60	<1	43	12	<1	47	<1	1330	<10	75.9
97069	150	<1	38	61	<1	33	<1	890	<10	78.9
97070	110	<1	1	48	<1	6	<1	930	<10	7.8
97071	60	<1	43	46	<1	50	<1	1360	<10	46.9
97072	110	<1	10	35	<1	19	<1	1110	<10	18.6
97073	40	<1	19	27	<1	20	<1	560	<10	18.6
97074	110	<1	3	24	<1	6	<1	870	<10	4.1
97075	170	<1	2	35	<1	5	<1	1100	<10	12.3
97076	310	<1	10	33	<1	13	<1	850	<10	22.7
97077	780	<1	73	69	<1	53	<1	990	<10	69.9
97078	100	<1	5	<5	<1	7	<1	420	<10	2.3
97079	620	<1	47	57	<1	35	<1	1270	<10	97.6

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97080	40	<1	5	<5	<1	6	<1	370	<10	2.0
97081	40	<1	4	<5	<1	5	<1	330	<10	2.1
97082	100	<1	48	84	<1	36	14	240	<10	38.1
97083	20	<1	12	39	<1	11	<1	300	<10	10.1
97084	60	<1	7	87	<1	6	<1	420	<10	14.7
97085	170	<1	8	73	<1	8	7	80	<10	20.8
97086	210	<1	14	54	<1	10	1	330	<10	14.1
97087	40	<1	4	6	<1	4	<1	440	<10	<0.5
97088	60	<1	6	8	<1	6	<1	470	<10	0.8
97089	<10	<1	17	37	<1	18	<1	440	<10	6.6
97090	20	<1	30	54	<1	35	<1	630	<10	18.6
97091	130	<1	130	76	<1	96	<1	320	<10	88.6
97092	30	<1	35	50	<1	44	<1	1070	<10	13.0
97093	210	1	124	121	<1	90	2	160	<10	134
97094	140	1	411	120	<1	244	1	270	<10	160
97095	160	<1	79	133	<1	53	3	160	<10	55.2
97096	170	<1	46	152	<1	34	2	110	<10	53.7
97097	30	<1	57	98	<1	55	<1	610	<10	60.0
97098	50	<1	1	8	<1	4	<1	880	<10	4.3
97099	90	<1	114	14	<1	114	<1	1490	<10	76.4
97100	80	<1	45	35	<1	49	<1	1690	<10	27.0
97101	150	<1	11	6	<1	11	<1	390	<10	2.8
97102	20	<1	4	<5	<1	2	<1	640	<10	<0.5
97103	120	<1	5	<5	<1	5	<1	430	<10	1.1
97104	260	<1	45	47	<1	33	<1	840	<10	78.7
97105	210	<1	1	<5	<1	<1	<1	360	<10	<0.5
97106	50	<1	<1	12	<1	<1	<1	460	<10	<0.5
97107	80	<1	2	8	<1	2	<1	440	<10	<0.5
97108	110	<1	7	10	<1	7	<1	440	<10	0.7
97109	10	<1	21	71	<1	19	<1	500	<10	16.5
97110	20	<1	45	74	<1	35	<1	380	<10	23.1
97111	<10	<1	18	72	<1	20	<1	550	<10	7.7
97112	40	<1	36	38	<1	33	<1	430	<10	13.7
97113	20	<1	10	59	<1	15	<1	520	<10	6.9
97114	50	<1	51	80	<1	39	<1	340	<10	30.4
Dup 97032	360	<1	11	108	2	9	4	130	<10	15.4
Dup 97044	310	<1	16	137	1	12	2	140	<10	27.2
*Dup 97056	320	<1	11	164	<1	10	<1	670	<10	49.8
Dup 97068	60	<1	5	16	<1	4	<1	1150	<10	4.6
Dup 97080	40	<1	5	<5	<1	6	<1	370	<10	1.9
Dup 97092	30	<1	40	50	<1	50	<1	1020	<10	15.9
*Dup 97104	220	<1	52	46	<1	39	<1	800	<10	93.6

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97032	6060	0.7	4	<1	31	3	850	58
97033	3080	<0.5	7	<1	48	4	260	70
97034	3310	<0.5	7	<1	36	3	2180	78
97035	7390	0.6	7	1	29	3	480	102
97036	13000	0.8	8	2	54	4	300	110
97037	918	<0.5	6	<1	58	4	1470	38
97038	1770	<0.5	4	<1	34	3	840	40
97039	1280	<0.5	5	<1	69	5	190	38
97040	7680	0.5	6	1	29	3	2340	126
97041	1440	<0.5	8	<1	37	4	650	57
97042	3070	<0.5	10	<1	59	5	330	98
97043	5640	<0.5	5	<1	45	4	750	65
97044	3120	<0.5	6	<1	40	4	2670	68
97045	4280	<0.5	6	<1	37	4	80	71
97046	76	<0.5	6	<1	110	6	40	15
97047	2240	0.6	27	2	1210	81	50	235
97048	1190	<0.5	8	<1	83	6	30	42
97049	640	<0.5	6	<1	102	8	<20	41
97050	513	<0.5	6	<1	53	4	50	32
97051	3800	<0.5	8	<1	57	5	160	72
97052	2000	<0.5	6	<1	95	8	100	43
97053	1230	<0.5	6	<1	107	8	300	40
97054	595	<0.5	5	<1	29	2	660	34
97055	1000	<0.5	6	<1	247	14	160	116
97056	430	<0.5	4	<1	47	4	110	64
97057	2040	<0.5	6	<1	58	4	80	73
97058	2210	<0.5	9	<1	60	5	50	64
97059	724	0.7	12	<1	303	20	130	153
97060	<3	0.6	16	<1	365	65	<20	41
97061	12	0.8	22	<1	1170	89	20	81
97062	<3	<0.5	1	<1	100	7	<20	18
97063	<3	<0.5	8	<1	59	5	<20	11
97064	309	<0.5	10	<1	255	15	30	92
97065	8	<0.5	38	<1	826	78	50	87
97066	<3	<0.5	6	<1	217	72	20	16
97067	<3	<0.5	15	<1	130	29	60	49
97068	<3	<0.5	14	<1	187	17	30	25
97069	6	<0.5	27	<1	127	12	250	60
97070	<3	<0.5	2	<1	89	11	30	11
97071	<3	<0.5	10	<1	269	26	110	31
97072	<3	<0.5	2	<1	131	11	70	16
97073	156	<0.5	3	<1	73	5	60	42
97074	9	<0.5	5	<1	47	4	70	5
97075	<3	<0.5	14	<1	57	8	90	23
97076	10	<0.5	24	<1	103	10	50	31
97077	45	<0.5	309	<1	240	20	170	75
97078	12	<0.5	4	<1	72	7	170	<5
97079	14	<0.5	108	<1	126	11	30	54

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97080	8	<0.5	5	<1	62	6	80	<5
97081	7	<0.5	5	<1	60	7	90	<5
97082	280	<0.5	8	<1	82	6	50	41
97083	110	<0.5	13	<1	31	2	<20	8
97084	35	<0.5	9	<1	16	1	<20	<5
97085	21100	0.6	4	2	49	6	660	99
97086	1150	<0.5	8	<1	24	2	40	13
97087	<3	<0.5	12	<1	25	2	720	<5
97088	6	<0.5	28	<1	39	2	310	<5
97089	13	<0.5	8	<1	50	2	<20	10
97090	<3	<0.5	7	<1	95	5	<20	21
97091	888	0.6	21	<1	250	16	<20	103
97092	<3	0.7	5	<1	185	11	30	14
97093	5530	0.8	14	2	204	15	110	221
97094	4030	1.0	14	1	683	38	40	290
97095	7820	0.7	11	1	156	10	40	152
97096	3420	0.7	10	<1	102	8	40	123
97097	11	<0.5	31	<1	150	8	70	40
97098	<3	<0.5	5	<1	68	8	20	16
97099	<3	<0.5	14	<1	472	35	20	44
97100	<3	<0.5	8	<1	238	28	<20	16
97101	63	<0.5	6	<1	59	5	370	<5
97102	5	<0.5	4	<1	9	<1	540	<5
97103	27	<0.5	4	<1	38	3	70	<5
97104	14	<0.5	84	<1	134	12	60	50
97105	<3	<0.5	1	<1	5	<1	790	<5
97106	<3	<0.5	10	<1	11	3	640	<5
97107	<3	<0.5	29	<1	23	3	510	<5
97108	<3	<0.5	34	<1	56	3	410	<5
97109	37	<0.5	7	<1	49	3	<20	15
97110	206	<0.5	12	<1	75	4	<20	27
97111	31	<0.5	2	<1	51	3	<20	11
97112	<3	<0.5	98	<1	112	7	<20	8
97113	<3	0.6	5	<1	58	3	<20	15
97114	541	0.6	6	<1	71	4	40	40
Dup 97032	7610	0.7	4	<1	33	3	930	66
Dup 97044	3430	<0.5	6	<1	45	4	2670	71
*Dup 97056	681	<0.5	5	<1	53	4	120	75
*Dup 97068	<3	<0.5	1	<1	26	16	<20	16
Dup 97080	14	<0.5	5	<1	63	7	80	<5
Dup 97092	<3	0.7	5	<1	201	12	20	14
*Dup 97104	19	0.5	59	<1	146	12	70	61

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97115	4	<10	0.3	2000	<1	537.038	<10	1670	46	440
97116	6	<10	0.3	1790	<1	716.894	<10	613	30	690
97117	5	<10	0.1	1630	<1	471.308	10	1160	14	370
97118	11	<10	0.2	1730	<1	514.216	<10	720	12	550
97119	7	<10	0.3	2040	<1	471.869	<10	912	<5	600
97120	1	20	<0.1	1330	<1	44.561	<10	244	24	150
97121	<1	110	0.4	1130	<1	37.835	<10	896	52	320
97122	<1	20	<0.1	1150	<1	32.3	<10	633	59	300
97123	<1	10	0.2	1530	<1	89.125	<10	1610	56	200
97124	2	20	<0.1	1790	<1	136.852	<10	636	40	200
97125	4	<10	0.3	1840	<1	389.128	<10	116	7	430
97126	2	<10	0.2	1490	<1	229.368	<10	415	18	220
97127	4	<10	0.2	1820	<1	481.804	<10	46	<5	470
97128	3	<10	0.3	1290	<1	367.604	<10	26	14	490
97129	8	<10	0.1	1370	<1	529.603	<10	42	5	710
97130	9	<10	0.2	1420	<1	618.055	<10	23	14	740
97131	3	<10	<0.1	1000	<1	300.588	<10	428	33	200
97132	3	10	0.1	1420	<1	279.417	10	1630	115	520
97133	3	<10	0.1	1820	<1	348.255	<10	353	11	370
97134	1	<10	0.1	1560	<1	206.62	<10	1020	19	400
97135	3	<10	0.2	1720	<1	409.974	<10	55	<5	420
97136	5	<10	0.2	1420	<1	476.228	<10	57	13	480
97137	5	<10	0.2	1610	<1	465.017	<10	20	16	620
97138	8	<10	0.1	1710	<1	608.361	20	242	15	410
97139	10	<10	0.1	1540	<1	534.494	20	399	9	430
97140	9	<10	0.3	1300	<1	503.488	<10	21	<5	410
97141	11	<10	0.4	1470	<1	660.118	<10	28	44	830
97142	7	<10	<0.1	1310	<1	259.42	20	296	22	150
97143	<1	<10	<0.1	750	<1	751.697	<10	53	36	60
97144	<1	<10	<0.1	720	<1	821.549	<10	35	63	110
97145	1	<10	<0.1	690	<1	935.32	10	28	31	70
97146	1	<10	<0.1	540	<1	873.74	<10	22	22	50
97147	1	<10	<0.1	530	<1	896.316	10	17	54	150
97148	<1	<10	<0.1	480	<1	785.318	10	25	34	60
97149	<1	<10	<0.1	420	<1	790.774	10	31	16	30
97150	<1	<10	<0.1	400	<1	775.98	<10	27	30	90
97151	<1	<10	<0.1	360	<1	725.288	<10	24	21	40
97152	<1	<10	<0.1	400	<1	788.881	10	21	30	80
97153	1	<10	<0.1	250	<1	73.435	<10	103	11	50
97154	1	<10	<0.1	200	<1	<10	<10	407	7	40
97155	3	<10	<0.1	110	<1	<10	<10	342	11	70
97156	<1	<10	<0.1	80	<1	61.457	<10	37	5	30
97157	<1	<10	<0.1	100	<1	<10	<10	74	14	10
97158	<1	<10	<0.1	350	<1	334.027	<10	361	6	160
97159	<1	<10	<0.1	980	<1	88.723	<10	332	25	30
97160	<1	<10	<0.1	700	<1	71.959	<10	322	26	30
97161	1	20	0.1	810	<1	16.867	<10	255	16	60
97162	<1	10	<0.1	440	<1	92.57	<10	1520	107	270

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97163	2	<10	<0.1	1240	<1	177.59	<10	445	19	50
97164	1	20	<0.1	1060	<1	236.239	<10	379	22	160
97165	2	10	<0.1	750	<1	198.194	<10	500	31	250
97166	5	<10	<0.1	550	<1	301.902	10	662	25	300
97167	10	<10	<0.1	530	<1	322.457	<10	303	22	200
97168	3	<10	<0.1	620	<1	262.149	<10	240	29	90
97169	5	20	<0.1	410	<1	20.203	20	58	95	90
97170	3	20	<0.1	560	<1	57.023	20	133	88	150
97171	1	<10	<0.1	560	<1	658.212	<10	32	140	240
97172	<1	10	<0.1	570	<1	476.355	<10	22	63	180
97173	1	<10	<0.1	430	<1	855.417	<10	11	22	200
97174	2	<10	<0.1	410	<1	1026.185	<10	40	33	2530
97175	1	<10	<0.1	300	1	29.093	<10	102	63	400
97176	11	10	<0.1	430	<1	19.987	10	117	119	240
97177	5	<10	<0.1	460	<1	425.136	20	26	64	220
97178	5	<10	<0.1	480	<1	441.722	10	30	67	200
97179	2	20	<0.1	300	<1	553.801	20	136	137	10200
97180	7	<10	0.3	1160	<1	718.741	<10	5	<5	360
97181	9	<10	<0.1	170	<1	842.444	<10	<5	11	150
97182	9	<10	0.3	920	<1	377.053	<10	58	8	1420
97183	11	<10	<0.1	1390	<1	311.664	<10	209	20	750
97184	15	<10	<0.1	780	<1	295.567	10	250	101	550
97185	9	10	<0.1	1460	<1	219.088	20	131	110	230
97186	7	10	<0.1	610	<1	35.08	<10	94	43	120
97187	9	10	<0.1	530	1	41.942	10	118	66	130
97188	6	20	<0.1	780	<1	48.4	10	90	102	90
97189	4	20	<0.1	780	2	42.289	10	56	84	100
97190	5	50	<0.1	1520	2	78.424	40	79	79	290
97191	10	20	<0.1	980	<1	15.254	<10	64	79	90
97192	10	20	<0.1	660	<1	13.832	<10	89	75	90
97193	17	30	<0.1	370	<1	<10	30	81	62	170
97194	1	30	<0.1	570	<1	<10	<10	96	94	150
97195	2	100	<0.1	570	<1	1079.123	<10	14	47	2300
97196	3	40	<0.1	500	1	50.536	10	277	67	170
97197	3	30	<0.1	1500	2	69.132	<10	402	91	170
97198	4	<10	<0.1	540	<1	178.22	<10	670	22	290
97199	3	<10	<0.1	370	<1	211.815	<10	856	17	370
97200	1	<10	0.2	440	<1	168.753	<10	444	21	220
97201	3	<10	<0.1	490	<1	101.616	<10	158	12	70
97202	<1	<10	<0.1	480	<1	105.756	<10	314	12	90
97203	2	<10	<0.1	330	<1	258.442	<10	449	7	840
97204	2	<10	<0.1	410	<1	190.259	<10	194	13	700
97205	2	<10	<0.1	310	<1	278.498	<10	47	<5	80
Dup 97115	4	<10	0.2	1960	<1	488.906	<10	1350	44	410
*Dup 97127	5	<10	0.3	1500	<1	503.466	<10	36	5	480
*Dup 97139	10	<10	0.1	1180	<1	501.974	20	384	13	390
Dup 97151	<1	<10	0.1	440	<1	808.816	20	46	19	40
Dup 97163	2	<10	<0.1	1180	<1	195.385	<10	387	17	50

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
*Dup 97175	1	<10	<0.1	390	1	21.769	<10	103	60	390
*Dup 97187	8	10	0.1	690	2	47.95	20	104	75	150
*Dup 97199	5	<10	<0.1	570	<1	191.746	<10	889	18	350

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97115	171	96.2	52.7	252	857	93	<5	0.6	1150	194
97116	53	66.5	9.6	50	360	69	<5	<0.5	336	201
97117	100	47.4	32.4	152	524	82	<5	0.6	710	211
97118	87	43.7	27.3	134	429	112	<5	0.6	583	232
97119	66	28.4	25.7	116	381	107	<5	<0.5	566	204
97120	14	5.9	5.6	21	123	9	5	26.5	117	99
97121	39	15.5	17.2	70	317	3	<5	8.4	408	43
97122	31	12.2	14.0	54	270	3	<5	8.1	317	59
97123	72	29.4	30.8	131	736	16	<5	5.9	791	22
97124	27	11.1	11.7	48	303	25	<5	4.7	297	52
97125	17	6.5	8.5	37	117	84	<5	<0.5	191	43
97126	19	6.9	9.2	39	159	48	<5	0.9	232	40
97127	9	3.7	4.0	19	44	93	<5	<0.5	81	52
97128	5	2.1	1.7	9	17	61	<5	<0.5	33	65
97129	7	2.9	3.3	16	35	86	<5	<0.5	70	87
97130	10	3.8	3.7	18	22	93	<5	<0.5	63	93
97131	19	8.2	8.4	36	184	55	<5	1.7	214	73
97132	67	29.9	26.0	117	580	60	<5	2.8	681	136
97133	23	9.5	11.6	51	215	72	<5	<0.5	295	54
97134	33	13.4	14.9	63	333	41	<5	3.0	404	55
97135	9	3.5	4.1	19	46	86	<5	<0.5	85	45
97136	10	3.8	4.3	20	44	100	<5	<0.5	85	108
97137	8	3.5	2.5	13	15	101	<5	<0.5	37	56
97138	27	11.6	10.2	47	125	111	<5	<0.5	202	158
97139	35	14.5	14.3	65	162	104	<5	<0.5	290	244
97140	7	3.3	2.1	11	11	102	<5	<0.5	27	74
97141	19	9.2	5.0	27	21	151	<5	<0.5	59	179
97142	18	8.5	6.3	28	144	30	<5	8.1	159	79
97143	3	1.3	0.8	5	36	94	<5	<0.5	25	67
97144	2	0.7	0.5	3	24	97	6	<0.5	16	68
97145	2	0.9	0.5	3	16	118	<5	<0.5	14	71
97146	2	0.9	<0.5	3	13	111	<5	<0.5	12	63
97147	<1	0.6	<0.5	2	11	91	6	<0.5	8	72
97148	3	1.3	0.6	4	14	107	5	<0.5	14	57
97149	4	2.0	0.9	5	15	116	<5	<0.5	18	52
97150	3	1.5	0.7	4	14	107	<5	<0.5	16	61
97151	3	1.7	0.7	4	11	128	5	<0.5	15	57
97152	2	1.2	0.6	3	12	101	<5	<0.5	13	61
97153	6	3.1	2.9	10	46	6	<5	10.5	55	53
97154	28	12.2	13.7	49	153	<1	<5	<0.5	261	26
97155	29	13.6	13.9	47	140	<1	<5	2.7	238	53
97156	2	1.0	0.8	3	18	10	<5	2.6	19	28
97157	9	4.6	3.2	11	32	<1	<5	2.1	47	65
97158	24	9.3	11.4	48	148	45	<5	0.9	252	70
97159	22	9.1	10.1	35	142	6	<5	13.8	193	160
97160	21	8.8	9.7	34	138	4	<5	12.3	182	142
97161	16	6.8	7.2	27	122	1	5	17.3	145	115
97162	50	17.9	26.5	100	603	3	<5	5.1	662	424

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Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97163	20	8.0	9.7	38	204	15	<5	12.3	232	142
97164	16	7.1	7.6	29	191	17	<5	7.6	193	180
97165	21	8.5	9.2	39	237	21	<5	3.0	255	170
97166	38	16.3	15.4	65	239	41	<5	1.4	353	323
97167	15	5.7	7.0	29	112	45	<5	1.2	167	146
97168	9	3.8	4.1	17	106	33	<5	3.1	113	72
97169	8	4.6	2.3	8	26	5	<5	11.9	34	181
97170	10	4.4	4.0	13	58	5	6	8.9	60	194
97171	1	0.6	<0.5	2	20	76	14	<0.5	13	809
97172	1	0.7	<0.5	2	13	54	6	<0.5	11	551
97173	<1	<0.5	<0.5	<1	6	104	13	<0.5	5	516
97174	4	2.1	1.1	5	17	127	17	<0.5	27	3190
97175	12	6.0	4.4	15	42	2	<5	2.8	68	439
97176	11	5.4	4.4	14	61	3	<5	10.5	68	181
97177	3	1.2	0.8	4	12	53	<5	<0.5	20	335
97178	2	1.1	0.9	4	14	58	<5	<0.5	20	284
97179	8	3.9	4.0	17	64	82	12	1.2	102	3420
97180	5	2.9	1.1	6	2	130	<5	<0.5	8	311
97181	<1	0.6	<0.5	<1	<1	363	<5	<0.5	<1	97
97182	6	2.5	2.8	13	26	51	<5	<0.5	56	86
97183	14	5.1	7.9	33	198	39	<5	1.2	229	549
97184	23	9.3	11.2	47	200	49	<5	1.5	276	1020
97185	9	4.2	3.1	13	62	44	<5	9.9	72	417
97186	11	5.6	3.6	13	46	5	<5	6.9	58	211
97187	10	4.8	3.8	14	62	7	<5	6.6	71	374
97188	7	3.3	2.9	10	44	8	<5	6.1	48	357
97189	5	2.7	1.8	6	31	19	<5	7.8	30	299
97190	7	3.3	2.1	9	42	13	7	13.7	43	448
97191	6	3.0	2.4	7	32	5	<5	7.4	35	344
97192	8	3.2	3.1	10	46	3	<5	7.2	48	261
97193	7	3.5	2.9	9	40	3	<5	5.0	44	243
97194	8	4.0	3.6	10	47	1	<5	3.6	51	146
97195	<1	0.6	<0.5	2	8	125	50	<0.5	8	5140
97196	19	8.5	7.0	26	107	7	7	6.4	128	501
97197	19	8.8	8.6	31	167	12	14	29.3	181	468
97198	21	7.9	11.0	43	227	14	<5	2.9	275	542
97199	24	9.3	12.8	49	254	14	<5	2.0	321	691
97200	13	4.9	7.1	28	167	12	<5	3.9	194	307
97201	6	2.3	3.2	13	60	13	<5	1.7	83	117
97202	10	4.4	4.7	20	166	11	<5	2.2	149	187
97203	21	9.3	8.9	38	238	21	<5	1.8	249	385
97204	8	3.6	3.4	14	103	17	<5	1.2	103	276
97205	4	2.1	1.8	8	28	36	<5	0.7	41	258
Dup 97115	160	90.0	45.9	220	775	83	<5	0.7	996	195
*Dup 97127	9	3.7	3.8	17	37	98	<5	<0.5	75	53
*Dup 97139	32	13.7	12.5	56	134	91	<5	<0.5	249	247
Dup 97151	3	1.5	1.0	6	25	143	6	<0.5	28	69
Dup 97163	18	7.3	8.5	34	177	16	<5	10.9	205	211

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
*Dup 97175	11	5.7	4.1	15	43	1	<5	2.8	65	454
*Dup 97187	9	4.8	3.2	12	54	9	<5	7.6	56	445
*Dup 97199	25	9.7	13.1	50	282	14	<5	3.0	325	549

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97115	220	<1	249	108	<1	235	<1	1270	<10	66.7
97116	120	<1	86	96	<1	49	<1	1560	<10	10.3
97117	210	<1	161	120	<1	145	<1	840	<10	59.1
97118	140	<1	131	107	<1	121	<1	700	<10	46.6
97119	70	<1	123	110	<1	114	<1	690	<10	55.5
97120	150	<1	29	132	<1	22	4	120	<10	35.5
97121	160	<1	96	126	<1	75	1	130	<10	55.4
97122	170	<1	76	130	<1	59	<1	110	<10	53.1
97123	80	<1	191	99	<1	140	<1	330	<10	49.3
97124	140	<1	75	89	<1	53	<1	260	<10	36.0
97125	20	<1	39	65	<1	39	<1	860	<10	17.7
97126	40	<1	51	93	<1	42	<1	410	<10	23.0
97127	10	<1	15	52	<1	18	<1	600	<10	5.2
97128	20	<1	6	37	<1	8	<1	410	<10	3.9
97129	<10	<1	13	52	<1	16	<1	620	<10	4.6
97130	<10	<1	11	35	<1	17	<1	640	<10	3.6
97131	110	<1	51	65	<1	38	<1	310	<10	22.6
97132	350	<1	166	56	<1	123	<1	400	<10	66.6
97133	50	<1	64	88	<1	54	<1	610	<10	24.5
97134	80	<1	97	86	<1	70	<1	460	<10	47.1
97135	20	<1	16	80	<1	18	<1	560	<10	9.4
97136	20	<1	16	67	<1	19	<1	560	<10	7.2
97137	30	<1	6	58	<1	11	<1	590	<10	3.0
97138	80	<1	43	133	<1	44	<1	970	<10	21.5
97139	50	<1	60	136	<1	66	<1	640	<10	19.2
97140	30	<1	4	6	<1	8	<1	630	<10	3.7
97141	70	<1	10	24	<1	19	<1	1010	<10	11.3
97142	140	<1	38	145	<1	30	<1	360	<10	58.4
97143	40	<1	7	8	<1	4	<1	700	<10	2.2
97144	40	<1	5	6	<1	3	<1	870	<10	1.3
97145	50	<1	4	7	<1	3	<1	970	<10	1.8
97146	60	<1	3	6	<1	2	<1	850	<10	1.1
97147	20	<1	2	<5	<1	1	<1	1160	<10	0.8
97148	120	<1	3	7	<1	3	<1	890	<10	1.2
97149	100	<1	4	9	<1	5	<1	750	<10	1.6
97150	100	<1	4	11	<1	4	<1	800	<10	1.8
97151	120	<1	3	7	<1	4	<1	680	<10	0.7
97152	60	<1	3	5	<1	3	<1	820	<10	0.7
97153	260	<1	13	30	<1	11	2	160	<10	9.8
97154	120	<1	58	80	<1	54	<1	<10	<10	6.4
97155	120	<1	52	52	<1	49	<1	<10	<10	9.3
97156	440	<1	5	33	<1	3	1	110	<10	5.0
97157	110	<1	10	28	<1	11	<1	<10	<10	5.7
97158	30	<1	54	26	<1	50	<1	310	<10	11.4
97159	70	<1	45	44	<1	39	1	290	<10	21.2
97160	80	<1	42	39	<1	36	1	250	<10	18.5
97161	50	<1	34	54	<1	29	1	120	<10	29.8
97162	70	<1	164	60	<1	115	<1	150	<10	29.4

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97163	60	<1	56	27	<1	42	1	300	<10	28.6
97164	80	<1	49	27	<1	33	<1	260	<10	23.9
97165	50	<1	64	31	<1	43	<1	210	<10	30.3
97166	50	<1	81	44	<1	68	<1	310	<10	25.3
97167	30	<1	38	50	<1	32	<1	290	<10	28.8
97168	30	<1	27	63	<1	19	<1	280	<10	18.4
97169	90	<1	8	86	<1	8	3	100	<10	7.2
97170	160	<1	15	242	<1	13	1	160	<10	19.8
97171	60	<1	4	7	<1	2	<1	700	<10	1.4
97172	20	<1	3	<5	<1	2	<1	420	<10	1.1
97173	30	<1	1	14	<1	<1	<1	570	<10	0.9
97174	20	<1	6	18	<1	5	<1	640	<10	3.4
97175	180	<1	15	73	<1	15	<1	80	<10	10.5
97176	200	<1	16	130	<1	14	2	40	<10	18.3
97177	50	<1	4	198	<1	4	<1	320	<10	6.2
97178	20	<1	4	169	<1	4	<1	340	<10	5.3
97179	60	<1	22	22	<1	19	<1	360	<10	7.1
97180	30	<1	1	46	<1	4	<1	880	<10	4.9
97181	<10	<1	<1	<5	<1	<1	<1	1220	<10	<0.5
97182	20	<1	10	35	<1	12	<1	380	<10	2.5
97183	40	<1	53	226	<1	38	<1	320	<10	19.1
97184	90	<1	62	182	<1	50	<1	310	<10	14.8
97185	220	<1	17	133	<1	14	2	300	<10	17.2
97186	330	<1	13	100	<1	13	1	110	<10	11.9
97187	250	<1	17	117	<1	14	1	90	<10	17.7
97188	120	<1	11	138	1	10	1	120	<10	15.1
97189	470	<1	7	69	<1	6	3	200	<10	7.8
97190	400	<1	10	182	1	9	4	270	<10	20.5
97191	150	<1	8	165	<1	7	1	70	<10	13.6
97192	100	<1	12	126	<1	10	2	50	<10	13.9
97193	130	<1	11	122	<1	10	<1	70	<10	14.9
97194	130	<1	12	89	1	11	1	40	<10	15.9
97195	<10	<1	2	7	<1	1	<1	700	<10	1.2
97196	250	<1	30	104	1	27	2	130	<10	38.8
97197	130	<1	44	111	<1	33	4	310	<10	43.5
97198	40	<1	66	83	<1	49	<1	150	<10	41.1
97199	50	<1	77	75	<1	57	<1	130	<10	39.3
97200	70	<1	47	24	<1	33	<1	140	<10	21.4
97201	30	<1	19	35	<1	15	<1	130	<10	15.9
97202	60	<1	39	22	<1	23	<1	100	<10	14.3
97203	140	<1	63	17	<1	41	<1	160	<10	27.1
97204	60	<1	26	17	<1	16	<1	140	<10	14.8
97205	10	<1	9	25	<1	8	<1	260	<10	11.9
Dup 97115	270	<1	220	116	<1	204	<1	1060	<10	89.9
*Dup 97127	10	<1	14	55	<1	17	<1	570	<10	5.8
*Dup 97139	50	<1	51	133	<1	55	<1	540	<10	23.7
Dup 97151	190	<1	7	10	<1	5	<1	680	<10	2.3
Dup 97163	60	<1	49	21	<1	37	1	270	<10	26.8

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
*Dup 97175	200	<1	14	72	<1	15	<1	80	<10	12.9
*Dup 97187	350	<1	14	104	<1	11	2	110	<10	22.5
*Dup 97199	30	<1	79	74	<1	57	<1	140	<10	54.7

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97115	13	<0.5	16	1	953	79	80	126
97116	<3	<0.5	5	<1	227	71	40	30
97117	49	<0.5	22	<1	460	35	240	104
97118	12	<0.5	18	1	421	33	140	89
97119	7	<0.5	17	<1	308	21	170	59
97120	8870	0.9	9	2	54	5	90	185
97121	2810	1.0	8	1	162	11	30	121
97122	2640	1.1	8	1	125	9	40	117
97123	1800	0.8	10	1	320	21	30	97
97124	1480	0.6	7	<1	113	8	650	76
97125	25	<0.5	3	<1	81	5	70	18
97126	235	<0.5	7	<1	81	5	30	27
97127	<3	<0.5	3	<1	46	3	<20	14
97128	4	<0.5	4	<1	26	2	30	17
97129	3	<0.5	14	<1	36	2	30	9
97130	<3	<0.5	4	<1	47	3	20	8
97131	506	<0.5	5	<1	87	6	60	40
97132	663	<0.5	12	<1	310	23	250	118
97133	90	<0.5	5	<1	115	7	<20	21
97134	797	0.7	10	<1	144	10	<20	75
97135	3	<0.5	4	<1	40	2	<20	13
97136	<3	<0.5	4	<1	46	3	<20	9
97137	<3	0.5	1	<1	42	3	<20	15
97138	5	<0.5	20	<1	128	8	90	21
97139	4	<0.5	26	<1	166	10	330	28
97140	<3	<0.5	2	<1	39	3	40	13
97141	<3	<0.5	8	<1	96	7	60	19
97142	2460	<0.5	6	<1	80	6	850	161
97143	49	<0.5	1	<1	14	<1	640	8
97144	30	<0.5	2	<1	9	<1	1330	6
97145	39	<0.5	4	<1	10	<1	1090	6
97146	29	<0.5	1	<1	10	<1	1070	5
97147	29	<0.5	2	<1	5	<1	1690	<5
97148	23	<0.5	2	<1	13	<1	1760	6
97149	32	<0.5	1	<1	19	1	1540	7
97150	40	<0.5	3	<1	15	1	1490	7
97151	19	<0.5	1	<1	17	1	2340	5
97152	26	<0.5	2	<1	13	1	1870	5
97153	4070	<0.5	5	<1	28	2	<20	38
97154	69	<0.5	5	<1	126	10	<20	10
97155	1260	<0.5	5	<1	133	11	40	25
97156	763	<0.5	2	<1	10	<1	90	16
97157	470	<0.5	2	<1	42	4	70	19
97158	174	<0.5	23	<1	112	6	<20	15
97159	3230	<0.5	5	2	87	7	80	56
97160	2770	<0.5	6	1	84	6	50	47
97161	4190	0.5	7	2	61	5	40	63
97162	1180	<0.5	12	1	192	12	20	42

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97163	2030	<0.5	10	1	75	6	40	69
97164	1470	<0.5	14	<1	74	5	50	68
97165	739	<0.5	27	<1	90	7	50	58
97166	457	<0.5	56	<1	173	11	60	45
97167	258	<0.5	21	<1	59	4	20	29
97168	907	<0.5	17	<1	37	3	<20	35
97169	5920	<0.5	4	1	37	4	70	45
97170	3420	<0.5	7	1	37	3	70	59
97171	32	<0.5	4	<1	6	<1	190	8
97172	29	<0.5	2	<1	8	<1	380	20
97173	15	<0.5	2	<1	<5	<1	350	7
97174	23	<0.5	30	<1	24	2	80	8
97175	805	<0.5	6	<1	58	5	180	24
97176	4580	<0.5	5	1	46	4	310	67
97177	82	<0.5	8	<1	13	<1	320	11
97178	63	<0.5	7	<1	12	<1	170	10
97179	21	<0.5	45	<1	49	3	70	22
97180	3	<0.5	2	<1	20	2	260	13
97181	<3	<0.5	3	<1	<5	<1	<20	<5
97182	<3	<0.5	2	<1	39	2	<20	14
97183	304	<0.5	10	<1	63	4	<20	30
97184	503	<0.5	9	<1	101	7	470	22
97185	4020	<0.5	6	<1	39	4	420	48
97186	2220	<0.5	6	<1	49	4	100	42
97187	2630	<0.5	7	3	45	4	280	58
97188	2400	<0.5	5	1	29	3	670	59
97189	4010	<0.5	3	1	25	2	800	43
97190	6410	0.5	6	2	28	3	3100	79
97191	3550	<0.5	4	1	25	3	520	60
97192	3450	<0.5	4	1	29	3	470	59
97193	2380	<0.5	4	<1	29	3	160	46
97194	1330	<0.5	5	<1	32	3	230	53
97195	20	0.6	54	4	6	<1	110	11
97196	2370	0.7	9	1	71	7	130	92
97197	12800	0.9	15	4	82	7	150	132
97198	601	0.5	13	1	77	6	40	56
97199	391	<0.5	16	<1	90	7	20	47
97200	647	<0.5	9	<1	48	4	60	35
97201	346	<0.5	5	<1	24	2	70	29
97202	427	<0.5	9	<1	48	3	80	35
97203	293	<0.5	58	<1	100	7	70	47
97204	217	<0.5	17	<1	38	3	110	36
97205	178	<0.5	12	<1	23	2	120	20
Dup 97115	39	<0.5	15	<1	917	74	90	161
Dup 97127	<3	<0.5	4	<1	44	3	<20	13
*Dup 97139	7	<0.5	27	<1	143	10	380	32
Dup 97151	20	<0.5	1	<1	17	1	2080	6
Dup 97163	1700	<0.5	9	<1	66	5	30	58

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Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
*Dup 97175	780	<0.5	6	<1	51	4	140	26
*Dup 97187	3150	<0.5	7	<1	40	4	330	65
*Dup 97199	605	0.5	18	1	92	7	50	69

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97207	7	<10	0.1	280	<1	288.532	<10	353	24	200
97208	4	10	<0.1	380	<1	129.8	20	263	102	130
97209	6	20	0.2	580	<1	273.338	<10	207	90	110
97210	17	<10	<0.1	420	<1	302.187	<10	301	18	260
97211	3	<10	<0.1	310	<1	204.447	<10	79	30	50
97212	4	<10	0.2	340	<1	188.901	<10	46	10	50
97213	7	<10	<0.1	270	<1	372.466	<10	41	12	200
97214	7	<10	0.3	280	<1	327.497	<10	55	9	200
97215	5	<10	0.1	270	<1	346.977	<10	52	5	210
97216	11	<10	0.3	480	<1	471.736	<10	<5	<5	880
97217	9	<10	0.2	470	<1	518.121	<10	32	<5	410
97218	6	<10	<0.1	350	<1	305.121	<10	57	<5	120
97219	15	<10	<0.1	320	<1	556.374	<10	38	<5	360
97220	8	<10	0.1	480	<1	250.53	<10	83	<5	90
97221	4	<10	0.1	450	<1	364.605	<10	177	13	410
97222	5	<10	0.1	320	<1	415.034	20	238	30	2890
97223	4	<10	1.2	510	<1	189.74	<10	107	11	50
97224	4	<10	<0.1	410	<1	215.149	<10	134	<5	70
97225	9	<10	<0.1	290	<1	358.622	<10	67	13	240
97226	3	<10	0.2	350	<1	242.361	<10	64	8	70
97227	7	<10	<0.1	340	<1	325.622	<10	64	<5	230
97228	6	<10	<0.1	350	<1	389.456	<10	66	7	260
97229	5	<10	1.2	330	<1	283.363	<10	34	13	60
97230	7	<10	2.2	1010	<1	613.998	<10	97	<5	550
97231	3	<10	0.2	410	<1	417.544	<10	28	<5	80
97232	4	20	<0.1	550	<1	103.056	30	129	161	160
97233	5	20	2.4	660	<1	64.006	<10	103	153	70
97234	7	20	1.1	950	<1	39.451	<10	102	275	130
97235	1	<10	0.2	490	<1	602.376	10	32	37	270
97236	4	<10	0.8	420	<1	424.386	30	76	35	90
97237	<1	<10	<0.1	520	<1	220.905	20	64	14	80
97238	1	<10	<0.1	350	<1	213.824	10	116	19	50
97239	<1	<10	<0.1	370	<1	319.074	30	82	28	120
97240	<1	<10	<0.1	310	3	283.304	40	111	29	90
97241	1	10	0.3	400	5	274.949	50	126	35	50
97242	1	<10	0.2	350	3	272.247	40	101	35	50
97243	2	<10	<0.1	240	<1	475.788	20	47	32	100
97244	<1	<10	<0.1	280	1	247.04	30	100	30	60
97245	<1	<10	<0.1	290	<1	267.838	40	50	26	70
97246	2	<10	0.6	300	2	328.666	30	135	22	70
97247	2	<10	0.4	300	2	338.393	20	91	20	30
97248	1	<10	<0.1	250	<1	413.761	20	57	18	90
97249	16	<10	0.3	560	<1	<10	10	426	85	510
97250	3	20	0.2	370	<1	<10	<10	192	36	450
97251	1	<10	0.2	100	<1	<10	30	21	71	340
97252	80	<10	0.4	110	<1	<10	20	178	30	780
97253	2	<10	0.4	40	<1	<10	10	75	19	610
97254	7	<10	<0.1	260	<1	<10	20	61	64	370

SGS

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Element	Ag	As	Au	Ba	Bi	Ca	Cd	Ce	Co	Cu
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	10	0.1	10	1	10	10	5	5	10
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97255	12	<10	<0.1	330	1	<10	<10	296	54	200
97256	20	<10	0.3	170	<1	<10	<10	211	30	210
97257	6	<10	0.2	490	<1	10.319	<10	401	22	100
97258	7	10	0.4	880	1	68.038	<10	260	29	140
97259	13	<10	0.1	290	<1	<10	<10	120	37	130
97260	7	<10	<0.1	140	<1	<10	<10	170	32	150
97261	8	10	<0.1	510	<1	<10	<10	115	22	70
97262	6	<10	0.1	270	<1	<10	<10	347	27	200
*Dup 97207	7	<10	0.2	240	<1	300.72	<10	328	26	200
*Dup 97219	18	<10	0.1	300	<1	571.034	<10	38	<5	460
*Dup 97231	3	<10	<0.1	400	<1	467.554	<10	30	<5	90
*Dup 97243	1	<10	<0.1	380	<1	536.618	30	76	32	110
*Dup 97255	12	10	0.1	380	1	19.015	<10	360	55	200

SGS

Final : 085744

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97207	13	5.3	5.9	24	124	29	9	1.6	144	139
97208	19	9.0	6.9	26	78	44	12	4.1	115	322
97209	13	5.7	4.9	20	90	38	11	10.2	106	203
97210	11	4.9	4.5	20	98	33	<5	1.2	122	168
97211	5	2.0	1.8	8	35	32	<5	2.1	44	55
97212	3	1.4	1.2	5	19	27	<5	<0.5	29	52
97213	4	1.5	1.4	6	17	54	<5	<0.5	30	160
97214	4	2.0	1.6	8	23	44	<5	<0.5	38	142
97215	5	2.1	1.6	8	22	49	<5	<0.5	37	198
97216	6	2.6	1.7	9	1	96	<5	<0.5	11	126
97217	4	1.7	1.7	8	18	86	<5	<0.5	34	193
97218	5	2.2	1.8	9	28	40	<5	<0.5	45	84
97219	5	1.7	2.1	9	19	89	<5	<0.5	42	168
97220	7	2.8	2.9	14	37	35	<5	<0.5	70	52
97221	13	4.9	5.6	25	66	52	<5	<0.5	123	97
97222	19	8.9	7.2	33	129	52	<5	0.7	183	495
97223	6	2.3	2.2	10	51	25	<5	0.6	59	46
97224	7	2.7	2.7	13	49	30	<5	0.9	70	57
97225	6	2.7	2.5	12	34	50	<5	<0.5	56	138
97226	4	1.6	1.4	7	24	37	<5	0.8	36	75
97227	4	1.8	1.7	8	27	46	<5	<0.5	41	138
97228	4	1.8	1.7	8	28	56	<5	<0.5	43	200
97229	2	0.9	0.8	4	12	41	<5	<0.5	19	68
97230	16	6.7	6.5	29	62	118	<5	<0.5	115	179
97231	2	1.0	0.9	4	16	72	<5	<0.5	24	85
97232	11	5.5	4.0	15	53	20	8	8.4	70	426
97233	11	6.1	3.6	13	45	11	8	9.3	54	331
97234	11	6.5	3.2	12	47	18	8	14.9	52	361
97235	4	2.9	0.9	5	17	31	10	<0.5	17	60
97236	16	9.1	3.6	19	28	17	6	<0.5	59	39
97237	7	4.0	1.7	8	29	11	6	<0.5	38	26
97238	15	8.2	3.9	18	43	8	12	1.9	77	27
97239	14	9.4	2.9	15	32	15	9	<0.5	55	29
97240	15	7.2	3.7	19	44	15	17	1.3	69	51
97241	21	10.6	5.3	26	45	13	15	2.1	90	39
97242	17	9.2	4.0	20	35	13	12	1.0	70	32
97243	9	5.2	2.1	11	19	19	11	<0.5	35	31
97244	24	13.5	5.3	26	34	13	<5	0.6	78	36
97245	6	3.8	1.3	7	23	13	12	<0.5	28	34
97246	25	12.6	6.3	31	46	18	9	0.7	102	28
97247	11	5.9	3.0	15	34	16	8	1.7	58	31
97248	10	5.7	2.6	13	23	18	<5	1.2	42	31
97249	42	19.5	13.9	53	147	<1	7	4.5	240	150
97250	15	6.7	5.7	21	94	<1	10	8.8	103	75
97251	9	8.5	0.9	4	11	<1	<5	0.8	12	73
97252	24	12.8	8.4	31	67	<1	6	1.8	136	63
97253	28	15.3	5.5	22	26	<1	<5	<0.5	67	46
97254	11	6.0	2.6	9	29	<1	<5	3.7	36	97

SGS

Final : 085744

Element	Dy	Er	Eu	Gd	La	Mg	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	0.5	0.5	1	1	1	5	0.5	1	5
Units	PPB	PPB	PPB	PPB	PPB	PPM	PPB	PPB	PPB	PPB
97255	27	12.6	10.3	40	117	2	5	11.5	181	102
97256	27	13.3	8.2	33	82	<1	<5	3.8	142	77
97257	44	20.6	17.9	70	203	1	11	9.9	342	48
97258	21	9.3	7.9	31	109	11	<5	15.2	150	79
97259	18	8.9	5.3	20	50	<1	<5	2.8	78	65
97260	30	14.7	8.7	31	49	<1	<5	2.4	109	64
97261	12	6.0	4.1	14	53	<1	<5	9.1	65	74
97262	33	15.0	13.6	54	122	<1	7	2.0	240	38
*Dup 97207	12	5.3	5.5	22	110	29	8	1.3	134	142
*Dup 97219	5	2.1	2.2	10	18	91	<5	<0.5	42	197
*Dup 97231	3	1.1	1.0	5	16	77	<5	<0.5	26	113
*Dup 97243	15	7.6	3.5	18	31	22	11	<0.5	57	37
*Dup 97255	30	13.9	12.3	46	145	3	5	12.3	223	105

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Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97207	30	<1	35	122	<1	26	<1	200	<10	19.6
97208	170	<1	26	134	<1	26	<1	280	<10	17.4
97209	100	<1	25	207	1	21	2	320	<10	20.9
97210	10	<1	28	115	<1	22	<1	240	<10	22.7
97211	20	<1	10	93	<1	8	<1	230	<10	12.4
97212	<10	<1	6	39	<1	6	<1	210	<10	6.9
97213	20	<1	6	59	<1	6	<1	300	<10	7.7
97214	20	<1	8	51	<1	8	<1	260	<10	9.0
97215	30	<1	8	59	<1	8	<1	320	<10	9.6
97216	<10	<1	<1	37	<1	6	<1	450	<10	2.2
97217	10	<1	7	38	<1	8	<1	440	<10	5.2
97218	10	<1	9	50	<1	9	<1	260	<10	8.5
97219	<10	<1	8	48	<1	10	<1	410	<10	4.3
97220	<10	<1	14	100	<1	15	<1	200	<10	8.8
97221	20	<1	24	56	<1	26	<1	280	<10	10.8
97222	140	<1	41	26	<1	33	<1	280	<10	18.0
97223	<10	<1	14	73	<1	10	<1	190	<10	9.1
97224	10	<1	15	54	<1	13	<1	190	<10	10.0
97225	20	<1	12	66	<1	12	<1	280	<10	12.4
97226	20	<1	8	98	<1	7	<1	200	<10	9.5
97227	<10	<1	9	48	<1	8	<1	290	<10	7.9
97228	30	<1	9	50	<1	9	<1	340	<10	8.7
97229	<10	<1	4	43	<1	4	<1	270	<10	8.3
97230	40	<1	23	49	<1	27	<1	650	<10	26.3
97231	<10	<1	5	30	<1	5	<1	390	<10	9.3
97232	160	<1	16	116	<1	15	1	170	<10	22.7
97233	130	<1	12	206	<1	12	2	160	<10	18.3
97234	150	<1	12	302	<1	11	3	210	<10	18.8
97235	70	<1	4	5	<1	4	<1	840	<10	1.4
97236	270	<1	12	8	<1	16	<1	540	<10	11.2
97237	50	<1	9	12	<1	8	<1	420	<10	15.8
97238	290	<1	17	11	<1	18	<1	290	<10	32.2
97239	210	<1	12	<5	<1	14	<1	440	<10	13.7
97240	1480	<1	15	9	<1	17	1	420	<10	17.4
97241	980	<1	19	11	<1	24	1	440	<10	22.1
97242	880	<1	15	7	<1	18	<1	410	<10	17.0
97243	120	<1	7	<5	<1	9	<1	510	<10	3.4
97244	500	<1	16	13	<1	23	<1	380	<10	21.1
97245	60	<1	6	<5	<1	7	<1	420	<10	4.8
97246	450	<1	21	15	<1	28	<1	460	<10	18.5
97247	290	<1	13	6	<1	13	<1	470	<10	22.2
97248	140	<1	9	7	<1	11	<1	520	<10	9.1
97249	350	<1	51	119	<1	51	<1	30	<10	19.4
97250	260	<1	25	109	1	21	1	20	<10	25.7
97251	390	<1	3	109	<1	3	<1	<10	<10	3.9
97252	290	<1	27	64	<1	30	22	<10	<10	18.1
97253	280	<1	13	57	<1	18	<1	<10	<10	6.3
97254	310	<1	8	105	<1	8	<1	<10	<10	11.2

Element	Pb	Pd	Pr	Rb	Sb	Sm	Sn	Sr	Te	Th
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	5	1	1	1	10	10	0.5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97255	480	<1	40	126	<1	39	2	30	<10	21.2
97256	220	<1	30	117	<1	31	<1	<10	<10	14.1
97257	340	<1	73	99	<1	71	1	20	<10	31.0
97258	210	<1	34	91	<1	31	2	110	<10	31.9
97259	310	<1	17	122	<1	19	<1	20	<10	16.2
97260	280	<1	22	83	<1	28	<1	<10	<10	15.6
97261	140	<1	15	60	1	15	1	40	<10	14.4
97262	210	<1	49	104	<1	52	<1	10	<10	20.2
*Dup 97207	30	<1	31	117	<1	25	<1	170	<10	18.5
*Dup 97219	<10	<1	8	50	<1	10	<1	410	<10	5.2
*Dup 97231	<10	<1	6	34	<1	5	<1	410	<10	11.5
*Dup 97243	160	<1	12	<5	<1	15	<1	580	<10	5.5
*Dup 97255	480	<1	49	129	<1	46	2	50	<10	22.9

SGS

Final : 085744

Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97207	594	<0.5	28	<1	52	4	160	33
97208	1670	<0.5	22	1	75	7	40	33
97209	4130	<0.5	18	1	49	5	660	54
97210	276	<0.5	31	<1	47	4	30	36
97211	451	<0.5	14	<1	18	2	<20	30
97212	127	<0.5	25	<1	15	1	30	13
97213	55	<0.5	40	<1	16	1	50	10
97214	81	<0.5	39	<1	19	1	60	14
97215	82	<0.5	31	<1	20	2	150	13
97216	<3	<0.5	4	<1	29	2	20	8
97217	9	<0.5	12	<1	20	1	<20	7
97218	114	<0.5	47	<1	24	2	<20	14
97219	11	<0.5	11	<1	21	1	<20	<5
97220	84	<0.5	5	<1	30	2	<20	12
97221	79	<0.5	27	<1	60	4	<20	13
97222	119	<0.5	182	<1	95	7	60	22
97223	188	<0.5	19	<1	24	2	<20	21
97224	224	<0.5	37	<1	29	2	<20	21
97225	66	<0.5	65	<1	29	2	30	11
97226	192	<0.5	14	<1	15	1	30	17
97227	101	<0.5	17	<1	18	1	30	13
97228	117	<0.5	17	<1	20	1	30	13
97229	98	<0.5	15	<1	9	<1	80	11
97230	<3	<0.5	40	<1	67	5	<20	27
97231	34	<0.5	21	<1	10	<1	<20	7
97232	3990	<0.5	7	1	42	4	390	61
97233	5270	<0.5	8	1	45	5	250	73
97234	8350	0.5	8	2	46	6	440	75
97235	111	<0.5	205	<1	22	2	990	11
97236	192	<0.5	12	<1	80	9	1330	24
97237	322	<0.5	8	<1	36	5	720	26
97238	835	<0.5	15	2	65	7	740	42
97239	238	<0.5	26	<1	68	10	740	33
97240	371	<0.5	14	1	56	6	1350	61
97241	747	<0.5	11	1	86	9	1280	59
97242	521	<0.5	8	<1	72	9	1150	40
97243	99	<0.5	15	<1	46	5	1590	16
97244	349	<0.5	9	<1	103	11	1020	29
97245	61	<0.5	3	<1	33	4	660	13
97246	455	<0.5	6	<1	96	11	610	33
97247	575	<0.5	7	<1	46	6	700	46
97248	360	<0.5	6	<1	44	5	560	32
97249	1760	0.5	13	<1	178	14	120	37
97250	2970	0.7	13	2	51	5	320	66
97251	363	<0.5	6	<1	46	8	580	10
97252	671	<0.5	9	<1	113	10	90	32
97253	119	<0.5	7	<1	116	12	60	10
97254	1590	0.5	9	<1	44	5	130	27

SGS

Final : 085744

Element	Ti	Tl	U	W	Y	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	3	0.5	1	1	5	1	20	5
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB	PPB
97255	4970	0.6	10	1	115	10	130	51
97256	1620	0.6	8	<1	116	10	50	28
97257	3970	0.8	20	1	180	16	80	60
97258	6340	0.8	16	1	79	7	70	74
97259	1010	0.5	9	<1	72	7	30	32
97260	1110	0.5	10	<1	114	12	40	23
97261	3290	0.6	7	<1	46	5	30	49
97262	870	0.6	10	<1	134	11	90	31
*Dup 97207	543	<0.5	33	<1	48	5	140	30
*Dup 97219	14	<0.5	15	<1	23	2	<20	<5
*Dup 97231	45	<0.5	25	<1	11	<1	<20	7
*Dup 97243	147	<0.5	15	<1	62	7	1410	20
*Dup 97255	5440	0.7	11	1	123	10	160	57

Pacific North West Capital Corp.
West Timmins Project
2005 MMI-M Soil Sampling
Map1