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TRAITEMENT GÉOSTATISTIQUE DES DONNÉES DE SÉDIMENTS DE RUISSEAUX - RÉGION DE MATAPÉDIA -

EXPLORATIONS NORANDA LTÉE

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DOZ
ressources naturelles/natural resources

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Ce rapport décrit les différents travaux effectués au niveau du traitement géostatistique des données de concentrés de minéraux lourds provenant de la région de Matapédia. 1612 échantillons ont été considérés dans le présent travail.

Cinq types de travaux ont été exécutés, à savoir: codification de l'information géologique, codification de l'information topographique, analyse de régression, analyse des similitudes et analyse de pondération pour fins de simulation des types de gisements. La codification géologique a consisté à représenter, sur des cartes au 1: 50 000, les bassins de drainage, le niveau topographique au point d'échantillonnage ainsi que la géologie sous-jacente. L'analyse de régression a été exécutée sur l'ensemble des variables à l'exception du poids de l'échantillon. Cette analyse de régression utilise l'information des bassins de drainage (géologie et topographie) pour filtrer les effets des différents bruits de fond lithologiques et des phénomènes de transport glaciaire pris en considération par la variable topographie.

Par la suite, une analyse des similitudes a été calculée afin de préciser les différents contextes géologiques ainsi que les minéralisations aurifères et de sulfures. Les résultats indiquent que les anomalies en cuivre sont associées surtout à l'enrichissement en K tandis que les anomalies en or sont généralement associées au Zn ainsi qu'à d'autres éléments associés aux sulfures. La procédure du traitement de pondération a permis de simuler 7 types de gisements d'or et de sulfures que l'on rencontre au Nevada et ailleurs. A partir des données des concentrés de minéraux lourds, les probabilités d'appartenance à un type de minéralisation varient de 0.5 à 0.8 pour certains bassins de la région de Matapédia.

Finalement, malgré la réponse chimique moyenne plus faible que dans les secteurs de Murdochville et des Chics-Chocs, la région de Matapédia présente plusieurs secteurs fortement anomaliques en cuivre ou en or.

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1.0 TRAITEMENT GÉOSTATISTIQUE DES DONNÉES DE SÉDIMENTS DE RUISSEAUX (CONCENTRÉS DE MINÉRAUX LOURDS) DU PROJET MATAPÉDIA

1.1 Introduction

Le traitement géostatistique des données de sédiments de ruisseaux (concentrés de minéraux lourds) a pour but d'établir des secteurs d'intérêt, de délimiter des cibles de prospection future pour l'or ainsi que les métaux de base (Cu, Pb et Zn) et de suggérer certains modèles d'exploration pour ces substances.

1.2 Échantillons

Un total de 1612 échantillons qui proviennent de la région de Matapédia, délimitée par les cartes SNRC suivantes à l'échelle 1= 50 000 : 21O14, 21O15, 22A11, 22B2, 22B3, 22B5, 22B6, 22B7, 22B10 et 22B11, ont été collectés durant l'été 1990. La totalité des échantillons sont des concentrés de minéraux lourds.

1.3 Analyses

Les échantillons de concentrés de minéraux lourds ont été analysés pour 37 éléments mineurs et majeurs de même que leur poids en grammes. Les 37 éléments qui ont été dosés sont les suivants:

éléments majeurs = Ti, Al, Fe, Mn, Mg, Ca, Na et K.

éléments mineurs = Au, Cu, Pb, Zn, Mo, Co, Ni, Ag, Cd, Cr, Lc, V, As, Be, Bi, Ga, Te, W, Ba, Ce, La, Nb, Sb, Sc, Sn, Sr, Ta, Y et Zr.

L'ensemble des éléments mineurs et majeurs ont été analysés par ICP. La méthode ICP est une procédure d'extraction partielle des éléments chimiques; elle introduit des variations analytiques causées par des matrices différentes du matériel analysé. Les

éléments comme Ag, Bi, Te, W, Sb, Sn et Ta ont des limites de détection trop élevées. Cependant, la précision et l'efficacité de la méthode est raisonnable.

Une attention particulière a été accordée aux résultats analytiques afin de vérifier toute erreur de calibration du laboratoire pour se prémunir des effets de valeurs élevées en Ti et en Ca sur les résultats des autres éléments dosés. Globalement, les résultats analytiques sont satisfaisants.

2.0 PROBLÉMATIQUE

Le but de cette étude géostatistique est de cerner des secteurs d'intérêt pour des minéralisations de sulfures (cuivre) et d'or. Le traitement des données vise à identifier les secteurs anomaliques prioritaires pour une exploration détaillée. A ce titre, un traitement statistique adapté aux concentrés de minéraux lourds est proposé (voir, Bonham-Carter (1987), Moreau et Carboni (1990) et Moreau et Carboni (1989)). La procédure de traitement, ici utilisée, consiste à intégrer les résultats analytiques dans une banque de données et de codifier les bassins de drainage avec la géologie, les phénomènes structuraux et la topographie s'y rattachant.

3 types de procédures statistiques sont proposés: l'analyse de régression, l'analyse des similitudes et le traitement de pondération. L'analyse de régression a été effectuée sur les 37 variables géochimiques que l'on retrouve. Cette technique vise à corriger les valeurs des éléments chimiques des effets lithologiques et topographiques (effets de mobilité des éléments chimiques partant des bassins vers le bas). De plus, nous avons intégré dans le traitement des données les structures régionales importantes établies par cartographie antérieure et les travaux de télédétection précédents du Groupe conseil Doz inc. Ainsi, 37 équations de régression linéaire multiple ont été calculées pour l'ensemble du projet Matapédia. La structure générale de l'équation de régression est la suivante:

$$El_j = \sum_{i=1}^{N_i} \hat{a}_{ij} X_i + b_j \, TOPO + C_j$$

N_i = nombre de lithologies (9)

N_j = nombre d'éléments (37)

i = lithologie

j = élément j

Les coefficients estimés $\hat{a}_{ij}$, b_j et c_j représentent la contribution de chacune des lithologies, topographies ou phénomènes structuraux dans la prédiction des variables géochimiques (37). Les anomalies sont donc déterminées à partir

de la différence entre $El_{kj} - El_{kj}$ où k est un échantillon de concentré de minéraux lourds (k=1, 1612).

L'interprétation des histogrammes des $El_{kj} - El_{kj}$ permet de fixer les seuils anomaliques des divers éléments. Une classification des anomalies en or et en cuivre est déterminée à partir des histogrammes précédents. La classification retient 4 caractéristiques des échantillons: aucune anomalie, faible anomalie, anomalie et forte anomalie.

La deuxième procédure de traitement, plus complexe, vise à identifier avec plus de finesse la relation entre Au et Cu avec les autres éléments i.e. préciser les différents contextes pour la minéralisation aurifère et cuprifère. A ce titre, l'analyse des similitudes a été effectuée sur l'ensemble des 37 variables géochimiques et la variable du poids de l'échantillon.

L'analyse des similitudes est une technique qui décompose l'ensemble des données en un nombre fini de groupes géologiques ayant une signification géologique distincte. Les groupes géologiques issus de l'analyse des similitudes doivent être interprétés et catégorisés. Finalement, le traitement de pondération est une procédure qui associe un modèle particulier de minéralisation aurifère et de minéralisation cuprifère. De plus, certains modèles d'altération peuvent être caractérisés par ce type de traitement.

3.0 GÉOLOGIE

3.1 Introduction

La partie géologique du projet Matapédia a consisté à prendre l'information géologique régionale disponible et à l'intégrer avec l'information des bassins de drainage. Nous nous sommes servis des cartes de Skidmore (1967) et du R.P. 430 pour la géologie du Lac Humqui. La géologie a été transférée sur chaque carte au 1: 50 000 des échantillons de concentrés de minéraux lourds.

3.2 Transfert de l'information sur les cartes topographiques

La géologie cartographiée à l'échelle 1: 250 000 (celle de Skidmore) a été ramenée à l'échelle 1: 50 000 des cartes topographiques et des bassins hydrographiques. Les lithologies faisant partie du territoire couvert par le levé de concentrés de minéraux lourds ont été codifiées; les autres lithologies ont été tout simplement ignorées. L'information connexe sur la structure (plis, failles, etc.) a aussi été portée sur les cartes 1: 50 000; cette dernière information a été précisée par l'ajout de grandes structures identifiées sur les images satellites.

3.3 Colonne stratigraphique pour les besoins de l'étude

Une échelle stratigraphique adaptée aux besoins de l'intégration des bassins de drainage par période géologique a été construite en considérant les unités les plus vieilles aux plus jeunes.

Ordovicien à Silurien

code V1	Groupe de Honorat Groupe de Matapédia (calcaire + schiste)

Silurien à Dévonien inférieur

code V2	Groupe de Chaleur Bay Groupe de Randin Groupe de Restigouche
code V3	Groupe Mont-Alexandre Formation Mont-Joli
code V4	Formation Awantijsh Formation Val Brillant Formation Sayabec Formation St-Léon Formation St-Alban Formation Burntjambrook Formation Jonathan

Dévonien inférieur

code V5	Calcaire Cap Bon-Ami
code V6	Formation Grande-Rivière
code V7	Groupe de Fortin
code V8	Formation York Lake Formation York River
code V9	Formation de La Garde

Dévonien inférieur à moyen

code V10	Formation de Lake Branch Formation de Battery Point
code V11	Formation de Pirate Cove Formation de La Malbaie

Dévonien supérieur

code V12	Conglomérat de Fleurant Formation de Escuminac

Carbonifère

code V13	Conglomérat de Bonaventure Formation de Cannes de Roches

Géologie structurale

S1	Faille
S2	Proximité de faille
S3	Axe de pli
S4	Flanc de pli

Autre

code A1	Roches volcaniques

3.4 Codification des lithologies et des structures

La codification des lithologies en relation avec les bassins de drainage a été effectuée de façon systématique. Chaque lithologie incluse dans le bassin a été notée quelle que soit son pourcentage d'occupation ou d'influence sur le bassin. Cette codification a été effectuée manuellement pour ensuite être numérisée à l'ordinateur.

Pour ce qui est des structures, la codification a aussi été systématisée: tout phénomène structural présent (faille, axe de pli, flanc de pli) à l'intérieur d'un bassin a été pris en considération. La variable S2 a été codifiée de la manière suivante: tout bassin n'étant pas traversé par une faille, mais qui est adjacent à un bassin traversé par une faille.

4.0 ANALYSE DE RÉGRESSION

4.1 Introduction

Le traitement statistique des données de concentrés de minéraux lourds est basé sur la compilation des bassins de drainage. La valeur de chaque lithologie prend la forme d'une variable binaire, où:

V_i = 1, si une lithologie V_i est présente dans le bassin
= 0, autrement

L'ensemble des bassins de drainage est codé de cette manière; il est à noter qu'un bassin peut comprendre plus d'une lithologie. Les phénomènes structuraux sont codés de la même manière (absence ou présence du phénomène structural dans le bassin). Finalement, la valeur topographique de chaque échantillon associé au bassin de drainage est aussi déterminée de manière absolue c'est-à-dire que la valeur de l'élévation topographique est estimée à la localisation de l'échantillon.

Par la suite, un fichier de banque de données numériques est constitué et représente les valeurs analytiques ainsi que le poids de l'échantillon avec l'ensemble des variables binaires des lithologies et des variables structurales avec la valeur absolue de la topographie.

Une équation de régression est calculée pour l'ensemble des 37 variables géochimiques du secteur de Matapédia. Le but de ce calcul de régression est de filtrer les éléments chimiques des effets topographiques et lithologiques majeurs. Le calcul d'un seuil anomalique sur des valeurs brutes non-traitées est inopérant parce que le seuil anomalique varie d'une lithologie à l'autre et est influencé par les effets de transfert reliés aux minéraux lourds. Par conséquent, il est nécessaire de considérer ce fait dans le traitement des données. L'analyse de régression constitue une méthode simple et efficace pour filtrer et corriger chaque élément pertinent des lithologies différentes et des effets topographiques (transport glaciaire).

Ainsi, les éléments chimiques sont régressés en fonction des lithologies, des variations structurales et de la topographie. Par la suite, la valeur prédite de l'élément par la régression (qui correspond au bruit de fond de l'élément corrigé selon différentes lithologies, topographies et variables structurales) est soustraite de la valeur brute. Cette dernière valeur, corrigée des effets de bruits de fond, représente une concentration objective pour un élément donné dans ou à proximité du bassin de drainage. Les effets topographiques ont un poids important dans les régressions calculées; cette variable permet de tenir compte de certains effets importants du transport glaciaire des minéraux lourds dans le réseau de drainage.

Pour augmenter la précision du filtre, il est nécessaire d'améliorer les équations de régression; ceci nécessite de considérer des mesures complexes ayant trait au transport des minéraux lourds ainsi qu'à leur mobilité relative. Dans ce présent travail, les mesures complexes du transport des minéraux lourds n'ont pas été prises en compte du fait des coûts impliqués. Toutefois, l'interprétation des résultats conjointement avec l'information structurale issue des images satellites avec l'interprétation géologique permettent de minimiser ces autres effets.

4.2 Résultats pour l'ensemble de la région de la Matapédia

Pour la région de la Matapédia, les valeurs des 37 éléments géochimiques ont été régressés en fonction de 16 variables (10 lithologies, 4 variables structurales, une variable topographique et une constante). Les paramètres de régression de 5 éléments pertinents sont illustrés au tableau 1

TABLEAU 1

Paramètres de régression pour les éléments
Au, Cu, Pb, Zn et As
Région de Matapédia

code	Au	Cu	Pb	Zn	As
V1	-0.2094	0.3920	0.3969	0.1332	0.0549
V2	-0.1914	0.4124	0.3090	0.1551	-0.0477
V3	-0.1247	0.4853	0.1820	0.0145	0.3472
V4	-0.2119	0.0821	0.0358	-0.1133	-0.2898
V5	0.1611	0.0931	-0.0511	0.1443	-0.1029
V6	-0.0160	0.2003	0.1562	0.0968	0.1030
V7	-0.0333	0.1083	0.2330	0.0812	0.4146
V8	0.1466	-0.5716	-0.2158	-0.2187	-0.1160
V10	-0.3200	-0.7261	-0.0502	-0.1065	0.2519
S1	-0.0634	-0.0681	-0.0371	-0.0276	0.1450
S2	-0.0323	-0.0937	-0.0583	-0.0560	0.0810
S3	-0.1251	0.1561	-0.1513	0.0945	0.1643
S4	-0.1222	0.1607	-0.0080	0.1605	-0.0180
A1	-0.0749	0.4511	0.3650	0.0572	-0.3785
TOPO	-0.00029	-0.00017	-0.00001	-0.00006	-0.00004
C	-0.1357	2.6073	2.5107	4.2056	1.5737

Les lithologies et les autres variables dont le paramètre de régression est négatif implique un effet positif sur le caractère anomalique de l'élément donné; un signe positif du paramètre de régression implique le contraire, i.e. une correction de la valeur brute de l'élément. Le tableau 2 illustre les formations géologiques enrichies en Au, Cu, Pb, Zn et As par ordre décroissant.

TABLEAU 2

Degré d'enrichissement des formations géologiques
en Au, Cu, Pb, Zn et As
Région de Matapédia

Au	Cu	Pb	Zn	As
V10	V10	V8	V8	A1
V4	V8			V4
V1				

Pour l'or, les formations les plus enrichies sont: V10 (Formations Lake Branch et Battery Point), V4 (Formations Awantijsh, Val-Brillant, Sayabec, St-Léon, St-Alban, Burnt Jambrook et Jonathan) et V1 (Groupes de Honorat et de Matapédia). Pour le cuivre, on obtient: V10 (Formations Lake Branch et Battery Point) et V8 (Formations York Lake et York River). Pour le plomb et le zinc, les formations suivantes sont les plus enrichies: V8 (Formations York Lake et York River). Finalement, pour l'arsenic, les formations les plus enrichies sont: A1 (roches volcaniques) et V4 (Formations Awantijsh, Val-Brillant, Sayabec, St-Léon, St-Alban, Burntjambrook et Jonathan).

Au niveau des autres paramètres structuraux et topographiques, les variables axe et flanc de pli influencent le plus les résultats. Au niveau topographique, les effets du transport glaciaire sont importants, mais moins prononcés que dans les secteurs de Murdochville et des Chics-Chocs; ceci implique une source des anomalies qui est plus près ou dans les bassins échantillonnés. Le tableau 3 illustre les statistiques principales sur les effets topographiques.

TABLEAU 3

Effets topographiques sur les éléments chimiques
mesurés par le paramètre de régression
de la variable topographie
Région de Matapédia

Effets de correction		Effet positif		Aucun effet
Ga	0.00017	Be	-0.00144	Ti
Ce	0.00014	Ca	-0.00067	Al
La	0.00010	Ba	-0.00036	Fe
Ta	0.00009	Au	-0.00029	Mn
		Mo	-0.00025	Mg
		Sr	-0.00024	K
		Nb	-0.00021	Cu
		Sc	-0.00019	Pb
		Y	-0.00015	Zn
		Cr	-0.00012	Co
		Te	-0.00011	Ni
		La	-0.00011	Ag
		Na	-0.00010	Cd
				Li
				V
				As
				Bi
				W
				Sb
				Sn
				Zr

Les éléments majeurs, sauf Ca, ne sont pas affectés par la topographie. Les éléments associés aux sulfures (Cu, Pb, Zn, Co, Ni, Ag et Cd) ne sont pas, eux aussi, affectés par la topographie. Les éléments Be, Ca, Ba, Au, Mo, Sr, Nb, Sc, Y, Cr, Te, La et Nb sont affectés positivement par la topographie. Les éléments Ga, Ce, La et Ta sont corrigés par les effets topographiques.

4.3 Détermination des anomalies pour le secteur de Matapédia

Les anomalies en or et en cuivre ont été déterminées par l'examen des distributions statistiques cumulatives des valeurs corrigées de Au et de Cu. 4 classes ont été déterminées respectivement pour: forte anomalie, anomalie, faible anomalie et aucune anomalie. Les figures 1 et 2 montrent les distributions statistiques des valeurs corrigées de Au et Cu.

Les anomalies ont été représentées sur les cartes NTS à l'échelle 1: 50 000 avec les bassins de drainage correspondants. Le trait hachuré quadrillé représente les fortes anomalies, les tirets représentent les anomalies et les points représentent les faibles anomalies.

5.0 ANALYSE DES SIMILITUDES

5.1 Introduction

L'analyse des similitudes est une technique statistique de classification non-hiérarchique des données en un nombre de populations géologiques inconnues au départ. La première étape de la classification consiste à assigner un nombre arbitraire de groupes géologiques avec un certain nombre de données qui sont déterminées aléatoirement parmi l'ensemble. Par la suite, notre logiciel de classification assigne les autres échantillons dans l'un ou l'autre des groupes selon le critère de distance euclidienne entre le centre de gravité du groupe et l'échantillon donné. La procédure est répétée jusqu'à temps que la classification ne peut plus être améliorée. Finalement, l'opération de classification est recommencée à 2 ou 3 reprises; chaque opération de classification donne une série de groupes avec un nombre différent d'échantillons.

La deuxième étape consiste à déterminer la classification optimale basée sur l'étude de chaque partition de groupes créés précédemment. Les échantillons qui sont toujours classés dans le même groupe peu importe la partition sont associés à un même groupe. Le nombre de groupes, créés à cette étape, constitue le nombre de groupes retenu par l'analyse des similitudes pour la classification finale.

Finalement, le logiciel de classification est utilisé pour classifier les autres échantillons dans les groupes déterminés précédemment, dont le centre de gravité (signature géochimique moyenne du groupe) est calculé à partir des échantillons toujours classés dans le même groupe. Une attention particulière est accordée aux échantillons qui sont situés au-delà de deux écarts-types d'un centre de gravité d'un groupe déterminé; ces "outliers" peuvent indiquer des anomalies importantes ou des lithologies locales spéciales non considérées dans le traitement des données.

5.2 Analyse des similitudes sur la région de Matapédia

Une analyse des similitudes a été conduite sur les données corrigées (37 éléments) ainsi qu'en considérant le poids de l'échantillon pour la région de Matapédia. L'analyse des similitudes a déterminé 27 groupes pertinents.

Groupe 1 (105)

2075, 2103, 2110, 2144, 2147, 2150, 2156, 2162, 2195, 2209, 2211, 2239, 2311, 2328, 2332, 2338, 2380, 2392, 2415, 2421, 2507, 2588, 3000, 3001, 3010, 3104, 3116, 3123, 3131, 3203, 2056, 2059, 2122, 2202, 2213, 2217, 2231, 2445, 2450, 2524, 2526, 2556, 2563, 2565, 2574, 2596, 2613, 2614, 2657, A-015, A-019, A-033, A-055, A-063, A-064, A-066, A-090, A-112, A-122, A-142, A-144, A-157, A-194, C-031, C-071, C-075, C-081, C-093, M-041, M-051, M-058, M-062, M-063, M-065, M-069, M-089, M-095, M-103, M-109, M-111, M-115, M-136, M-148, M-153, M-168, M-176, M-190, M-192, M-198, M-206, M-208, M-212, M-214, M-228, M-252, M-268, M-274, M-288, M-294, M-296, M-298, M-314, M-362, R-208, R-212

Groupe 2 (70)

2170, 2174, 2366, 2622, 2623, 2629, 2633, 2644, 2645, 3003, 3005, 3005, 3007, 3119, 3200, 3201, 3302, 2229, 2235, 2452, A-017, A-023, A-027, A-075, A-104, A-148, A-164, C-023, C-113, M-047, M-049, M-059, M-066, M-184, M-194, M-196, M-202, M-218, M-220, M-222, M-240, M-242, M-246, M-248, M-250, M-254, M-256, M-258, M-262, M-269, M-272, M-278, M-290, M-304, M-312, M-356, M-368, M-370, M-376, M-394, M-404, M-406, M-414, M-416, M-434, R-033, R-107, R-111, R-202, R-216, R-228

Groupe 3 (7)

2008, 3002, 3006, 3011, 3118, A-119, M-315

outliers: 3002, 3006

Groupe 4 (28)

2164, 2405, 2501, 2503, 2621, 3004, 3013, 3112, 2093, 2121, 2135, 2212, 2548, 2570, 2576, 2594, 2599, A-065, A-076, A-079, A-128, C-063, C-073, C-077, C-101, M-144, M-152, M-300

outliers: 2164, 2405

Groupe 5 (76)

2142, 2149, 2363, 2373, 2626, 2034, 2466, 2527, 2567, 2617, 3020A, A-089, A-163, A-195, C-002, C-082, M-036, M-104, M-118, M-125, M-141, M-164, M-279, M-289, M-291, M-297, M-331, M-339, M-349, M-361, M-367, M-369, M-371, M-373, M-375, M-377, M-379, M-381, M-384, M-393, M-395, M-397, M-399, M-403, M-405, M-443, R-002, R-006, R-008, R-023, R-032, R-046, R-134, R-138, R-207, R-215, R-219, R-221, R-223, R-225, R-227, R-229, R-231, R-233, R-235, R-239, R-245, R-247, R-301, R-316, R-322, R-328, R-330, R-405, R-407, R-409

Groupe 6 (105)

2045, 2073, 2077, 2145, 2157, 2163, 2165, 2168, 2172, 2175, 2178, 2179, 2180, 2185, 2193, 2205, 2207, 2227, 2270, 2378, 2394, 2469, 2471, 2473, 3127, 2013, 2017, 2041, 2050, 2052, 2053, 2057, 2105, 2133, 2138, 2200, 2214, 2215, 2456, 2553, 2554, 2592, 2604, 2616, 2655, 2659, 3017, A-001, A-005, A-007, A-014, A-031, A-051, A-068, A-070, A-072, A-074, A-080, A-086, A-088, A-092, A-120, A-132, A-136, A-155, A-196, A-200, A-204, C-001, C-007, C-013, C-087, C-091, C-095, C-115, M-013, M-015, M-043, M-071, M-085, M-093, M-105, M-134, M-138, M-142, M-154, M-170, M-178, M-210, M-224, M-226, M-230, M-232, M-280, M-286, M-354, M-358, M-364, M-374, R-017, R-021, R-101, R-331, R-400, R-408

Groupe 7 (47)

2009, 2295, 2297, 2325, 2331, 2353, 2381, 2395, 2413, 2420, 2460, 2480, 2512, 2649, 3206, 2250, 2262, 2547, 2591, A-109, A-139, C-008, M-040, M-096, M-110, M-127, M-129, M-137, M-277, M-295, M-327, M-329, M-333, M-335, M-337, M-340, M-365, M-386, M-391, M-409, M-415, M-417, M-437, M-441, M-445, R-211, R-241

Groupe 8 (93)

2072, 2154, 2203, 2237, 2253, 2319, 2374, 2382, 2384, 2388, 2468, 2470, 2487, 2618, 2619, 3103, 3209, 3310, 2015, 2019, 2025, 2033, 2035, 2037, 2051, 2128, 2257, 2448, 2458, 2464, 2571, 2603, 2606, 2664, 3026, 3028, A-025, A-043, A-067, A-071, A-078, A-134, A-154, A-156, A-158, A-160, A-162, A-188, A-190, A-202, C-021, C-027, C-037, C-039, C-041, C-043, C-083, C-111, M-001, M-003, M-033, M-035, M-046, M-060, M-079, M-083, M-087, M-107, M-146, M-166, M-174, M-234, M-260, M-320, M-324, M-328, R-007, R-009, R-015, R-019, R-031, R-103, R-105, R-113, R-119, R-204, R-218, R-317, R-321, R-323, R-406, R-416, R-418

Groupe 9 (32)

2624, 2632, 2638, 2650, 3008, 3105, M-067, M-204, M-244, M-264, M-266, M-270, M-276, M-284, M-346, M-352, M-378, M-380, M-400, M-402, M-410, M-412, M-422, M-424, M-432, M-440, M-442, R-013, R-109, R-115, R-129, R-315

outliers: 2624, 2632

Groupe 10 (82)

2079, 2191, 2304, 2376, 2386, 2467, 2510, 2583, 2589, 2595, 2620, 2627, 2635, 2637, 2640, 2648, 3107, 3111, 3113, 3115, 2021, 2031, 2043, 2054, 2107, 2123, 2134, 2199, 2454, 2492, 2546, 2558, 2605, 3024, 3132, A-003, A-009, A-044, A-047, A-049, A-094, A-096, A-100, C-003, C-005, C-017, C-019, C-025, C-053, C-085, C-109, M-017, M-075, M-079, M-081, M-128, M-130, M-132, M-160, M-188, M-200, M-302, M-306, M-319, M-332, M-360, M-392, R-003, R-039, R-043, R-047, R-123, R-125, R-131, R-135, R-214, R-234, R-307, R-329, R-402, R-404, R-414

Groupe 11 (62)

2007, 2096, 2097, 2181, 2243, 2246, 2289, 2296, 2299, 2301, 2313, 2315, 2336, 2342, 2344, 2352, 2362, 2364, 2372, 2397, 2406, 2408, 2411, 2412, 2426, 2429, 2430, 2488, 2498, 2502, 2504, 2508, 3012, 3014, 2137, 2236, 2263, 2478, 2494, 2531, 2536, 3126, A-011, A-041, A-045, A-059, A-106, A-116, A-118, A-140, A-146, C-011, C-015, C-078, C-079, M-007, M-009, M-011, M-025, M-039, M-055, M-073

Groupe 12 (70)

2006, 2071, 2082, 2085, 2100, 2102, 2112, 2176, 2183, 2187, 2197, 2282, 2287, 2294, 2330, 2334, 2340, 2346, 2356, 2358, 2360, 2368, 2398, 2400, 2404, 2410, 2417, 2419, 2431, 2505, 2517, 2641, 2643, 2647, 3117, 3121, 3129, 3130, 3212, 3306, 3308, 2091, 2247, 2249, 2259, 2521, 2528, 2544, A-013, A-036, A-037, A-046, A-084, A-110, A-124, A-152, C-059, C-067, C-069, C-105, M-014, M-021, M-023, M-057, M-113, M-119, M-126, M-216, M-236, M-238

Groupe 13 (56)

2087, 2108, 2143, 2152, 2166, 2220, 2284, 2292, 2348, 2370, 2625, 2639, 2652, 3106, 3114, 3120, 3124, 3207, 2058, 2104, 2130, 2131, 2132, 2201, 2216, 2234, 2557, 2579, 2580, 2630, 2653, A-035, A-073, A-126, A-130, C-029, C-057, C-061, C-097, C-099, C-103, C-119, M-045, M-053, M-091, M-117, M-121, M-140, M-147, M-149, M-158, M-182, M-282, M-292, M-308, M-322

Groupe 14 (87)

2151, 2154, 2173, 2240, 2241, 2268, 2402, 2403, 2459, 2484, 2500, 2513, 2577, 2581, 2585, 2634, 2646, 3108, 3214, 3215, 2029, 2039, 2120, 2462, 2575, 2609, 2662, 2666, 3022, 3315, A-016, A-029, A-038, A-053, A-069, A-098, A-102, A-174, A-178, A-180, A-185, A-186, C-045, C-049, C-051, C-055, C-117, M-005, M-027, M-029, M-031, M-097, M-099, M-123, M-131, M-143, M-145, M-156, M-172, M-186, M-326, M-388, M-390, M-398, M-408, M-428, M-438, M-444, R-005, R-027, R-035, R-037, R-045, R-127, R-137, R-200, R-206, R-210, R-224, R-230, R-232, R-242, R-313, R-319, R-333, R-410, R-412

Groupe 15 (56)

2146, 2167, 2171, 2189, 2435, 2436, 2472, 2475, 2486, 2559, 3205, 3300, 3304, 3312, 2026, 2027, 2218, 2223, 2251, A-048, A-050, A-176, A-179, A-181, M-048, M-056, M-159, M-180, M-310, M-316, M-317, M-344, M-347, M-348, M-350, M-382, M-418, M-426, M-430, R-001, R-029, R-117, R-121, R-133, R-139, R-220, R-222, R-226, R-236, R-238, R-244, R-248, R-309, R-311, R-315, R-327

Groupe 16 (55)

2272, 2274, 2276, 2280, 2293, 2312, 2322, 2324, 2333, 2390, 2427, 2474, 2479, 2482, 2506, 2519, 2636, 2642, 3109, 2011, 2139, 2533, 3019, 3317, A-032, A-129, A-137, A-145, A-150, A-168, A-184, A-192, C-014, C-033, C-065, M-004, M-037, M-054, M-080, M-101, M-135, M-307, M-318, M-321, M-330, M-336, M-338, M-342, M-366, M-420, R-011, R-025, R-041, R-240, R-420

Groupe 17 (99)

2169, 2302, 2383, 3102, 3216, 3301, 3313, 2012, 2014, 2018, 2028, 2036, 2042, 2044, 2092, 2106, 2136, 2248, 2447, 2555, 2564, 2654, 3133, A-006, A-018, A-052, A-056, A-083, A-091, A-101, A-103, A-123, A-141, A-159, A-173, A-189, A-193, C-054, C-056, C-084, C-086, C-090, C-092, C-096, C-118, M-002, M-006, M-008, M-012, M-014, M-030, M-034, M-050, M-052, M-074, M-082, M-088, M-094, M-122, M-151, M-157, M-162, M-175, M-199, M-217, M-225, M-253, M-257, M-303, M-419, M-421, R-012, R-014, R-022, R-024, R-038, R-040, R-044, R-100, R-102, R-106, R-108, R-112, R-114, R-118, R-120, R-122, R-124, R-128, R-130, R-302, R-312, R-314, R-324, R-334, R-411, R-413, R-417, R-419

Groupe 18 (127)

2061, 2081, 2206, 2226, 2271, 2277, 2279, 2291, 2300, 2347, 2371, 2387, 2389, 2391, 3110, 3208, 3305, 3309, 3311, 2016, 2030, 2032, 2449, 2455, 2477, 2593, 2607, 2610, 2612, 2668, 3020, 3023, 3025, 3027, 3122, A-002, A-004, A-008, A-010, A-012, A-026, A-034, A-040, A-087, A-097, A-115, A-117, A-121, A-125, A-131, A-149, A-151, A-153, A-167, A-171, A-197, A-201, C-006, C-016, C-018, C-030, C-038, C-040, C-044, C-046, C-050, C-062, C-074, C-098, C-102, C-116, M-016, M-018, M-020, M-024, M-026, M-072, M-084, M-086, M-090, M-098, M-100, M-108, M-133, M-181, M-183, M-191, M-201, M-205, M-207, M-211, M-231, M-237, M-239, M-241, M-245, M-247, M-249, M-251, M-255, M-259, M-261, M-263, M-265, M-267, M-271, M-273, M-275, M-281, M-285, M-287, M-301, M-309, M-311, M-325, M-385, M-413, M-427, M-429, M-431, R-036, R-104, R-110, R-126, R-304, R-306, R-421

Groupe 19 (27)

2084, 2101, 2111, 2275, 2323, 2327, 2335, 2337, 2343, 2345, 2357, 2359, 2361, 2385, 3015, 3100, 2522, 2525, 2545, C-060, C-064, C-088, M-215, R-026, R-042, R-308, R-415

outliers: 2084, 2101

Groupe 20 (51)

2078, 2278, 2317, 2326, 2350, 2354, 2401, 2407, 2409, 2416, 2423, 2428, 2481, 2489, 2509, 3016, 3101, 3211, 3213, 2089, 2258, 2261, 2306, 3134, 3136, 3319, A-020, A-021, A-028, A-039, A-042, A-057, A-058, A-108, A-111, A-113, A-127, A-138, A-166, A-170, A-172, A-182, A-183, A-198, C-009, C-047, C-070, C-089, M-061, M-150

Groupe 21 (50)

2339, 2349, 2377, 2476, 2483, 2485, 2490, 2628, 2651, 3210, 2055, 2611, 3321, A-024, A-054, A-061, A-085, A-114, A-177, C-035, C-080, C-107, M-042, M-064, M-070, M-139, M-305, M-323, M-334, M-341, M-345, M-351, M-363, M-372, M-396, M-407, M-436, M-439, R-004, R-205, R-209, R-213, R-217, R-237, R-243, R-246, R-249, R-250, R-303, R-305

Groupe 22 (80)

2076, 2155, 2196, 2286, 2288, 2365, 2369, 2375, 2379, 2393, 2499, 3202, 3204, 3303, 3307, 2040, 2090, 2230, A-060, A-093, A-095, A-105, A-107, A-133, A-135, A-143, A-147, C-094, C-120, M-010, M-032, M-038, M-068, M-078, M-092, M-155, M-197, M-203, M-209, M-213, M-219, M-221, M-223, M-227, M-229, M-233, M-283, M-293, M-313, M-343, M-353, M-355, M-357, M-359, M-389, M-401, M-411, M-423, M-425, M-433, M-435, R-010, R-018, R-020, R-028, R-030, R-034, R-116, R-132, R-136, R-140, R-201, R-203, R-300, R-318, R-320, R-326, R-332, R-401, R-403

Groupe 23 (103)

2074, 2086, 2184, 2186, 2188, 2190, 2192, 2194, 2204, 2208, 2210, 2219, 2228, 2238, 2242, 2244, 2252, 2267, 2269, 2273, 2281, 2318, 2321, 2367, 2578, 2582, 2584, 2022, 2024, 2038, 2444, 2453, 2457, 2463, 2491, 2493, 2495, 2562, 2631, 2656, 2658, 2660, 2663, 2665, 3314, 3316, 3322, A-022, A-030, A-062, A-081, A-082, A-099, A-165, A-169, A-175, A-187, A-191, A-199, A-205, C-012, C-022, C-024, C-026, C-028, C-032, C-034, C-036, C-066, C-072, C-076, C-100, C-104, C-106, C-108, C-110, C-112, C-114, M-028, M-076, M-102, M-106, M-112, M-114, M-161, M-163, M-165, M-167, M-169, M-173, M-177, M-179, M-185, M-187, M-189, M-193, M-195, M-235, M-245, M-299, M-383, M-387, R-310

Groupe 24 (29)

2098, 2109, 2310, 2314, 2316, 2329, 2341, 2351, 2355, 2418, 2020, 2264, 2451, 2529, 2532, 3018, 3021, 3128, 3135, 3318, 3320, C-042, C-048, C-052, C-058, C-068, M-022, M-171, R-016

outliers: 2098, 2109

Groupe 25 (1)

M-044

Groupe 26 (1)

2023

Groupe 27 (13)

2182, 2198, 2461, 2465, 2535, 2543, A-161, A-203, C-004, C-010, C-020, M-116, M120

outliers: 2182, 2198

De ces 27 groupes qui reflètent des phénomènes géologiques distincts, on retrouve 7 groupes manifestant un enrichissement en or et/ou en cuivre. Ainsi, on a:

Groupe 1 : enrichi en or
Groupe 2 : enrichi en cuivre
Groupe 3 : enrichi en or et en cuivre
Groupe 4 : enrichi en or
Groupe 7 : enrichi en cuivre
Groupe 11: enrichi en or et en cuivre
Groupe 12: enrichi en or
Groupe 18: enrichi en cuivre
Groupe 20: enrichi en or et en cuivre
Groupe 22: enrichi en cuivre
Groupe 24: enrichi en or

Les caractéristiques de ces groupes sont les suivantes:

Groupe 1 (105 individus)

enrichissement: Au

lessivage : Ca, Ta

Groupe 2 (70 individus)

enrichissement: K, Cu, Ni, Li, Be, Ga, Ce, Nb

lessivage : Ca, Sr, As

Be est très enrichi

Groupe 3 (7 individus)

enrichissement: Au, Ti, Fe, Mn, Mg, Ca,), Zn, Mo, Co, Cr, V, As, Be, Te, La, Nb, Sc, Sr, Y

lessivage : K, Li

Au, Ca, Mo, Be et Te sont très enrichis

Groupe 4 (28 individus)

enrichissement: Au, Ti, Fe, Mn, Ca, Pb, Ag, Sc, Sr, Y

lessivage : Cu, Be

Ag est très enrichi

Groupe 7 (47 individus)

enrichissement: Ti, Al, Fe, Mn, Mg, Ca, Cu, Pb, Zn, Co, Ni, Li, V, As, Be, Ga, Ba, Sc, Sr

lessivage : Au, Mo, Nb

Groupe 11 (62 individus)

enrichissement: Au, Ti, Fe, Mn, Mg, Ca, Cu, Pb, Zn, Mo, Co, Cd, V, As, Bi, Ga, Ba, Ce, La, Sc, Sr, Y, Zr

lessivage : Be, K, Nb

Groupe 12 (70 individus)

enrichissement: Au, Ti, Fe, Mn, Mg, Ca, Zn, Mo, Co, Cd, Cr, V, As, Bi, Ba, La, Sc, Sn, Sr, Y, Zr

lessivage : K, Li, Be, Nb

Ca est très enrichi; Sn est enrichi

Groupe 18 (127 individus)

enrichissement: Na, K, Cu, Be, Ba, Nb, Sr

lessivage : As, Cr

Groupe 20 (51 individus)

enrichissement: Au, Ti, Fe, Mn, Mg, Ca, Na, Cu, Pb, Zn, Mo, Co, Ag, Cd, V, Ga, La, Sc, Sr, Y, Zr

lessivage : K, Be, Nb, Li

Ca et Ag sont très enrichis

Groupe 22 (80 individus)

enrichissement: K, Cu, Ni, Li, As, Be, Ga, Ce, Nb, Ta

lessivage : Ca, Mo, Sr

Groupe 24 (29 individus)

enrichissement: Au, Ti, Fe, Mn, Ca, Pb, Zn, Co, Cd, Cr, V, Ga, La, Sc, Sr, Y, Zr

lessivage : Al, K, Li, Be, Nb, Ta

Au, Ti, Fe, Mn sont très enrichis; Be et Nb sont très lessivés

Les groupes 9, 19 et 27, même s'ils ne manifestent aucun enrichissement en or ou en cuivre, sont intéressants à cause des signatures géochimiques spécifiques qu'ils présentent. Pour ces groupes, on a un enrichissement en Ni, Cr, Al, Be, Ga, Te, Ce et Nb et un lessivage en Au, Ti, Mn, Ca, Sr et Ta; l'association Te-As peut indiquer une zone d'altération en périphérie de systèmes porphyriques. Le groupe 19 est enrichi en éléments tels que Mo, Bi, Zn, Sn et Y tout en étant lessivé des éléments comme: K, Be, Nb, Li et Ce; ceci peut indiquer un contexte favorable pour détecter des intrusions porphyriques. Finalement, le groupe 27 est intéressant à cause de l'enrichissement en Te, Mo et Cr.

5.3 Interprétation géologique des groupes déterminés par analyse des similitudes sur la région de Matapédia

5.3.1 Introduction

Le traitement et l'interprétation de données géochimiques provenant d'échantillons de concentrés de minéraux lourds sont basés sur des concentrations mesurées par ICP. Ce sont des minéraux qui sont analysés et, non, des échantillons de roche entière ou des horizons stratigraphiques spécifiques.

Le but de ce travail est d'isoler et de déterminer la source des minéraux associés à des systèmes d'altération et/ou des minéralisations en or et en métaux de base. Les enrichissements et les lessivages d'éléments chimiques se traduisent par la présence ou l'absence d'une combinaison chimique, donc d'un minéral spécifique. Il en résulte que l'interprétation donne beaucoup de poids à la présence ou l'absence d'une combinaison spécifique de minéraux. Si une zone d'altération ou une minéralisation ne peut être discriminée en rapport avec son assemblage de minéraux versus les lithologies encaissantes, le traitement ne peut identifier avec précision des anomalies.

Néanmoins, les fluides hydrothermaux qui circulaient à travers les unités sédimentaires ont eu tendance à former et à créer des nouveaux minéraux lourds qui peuvent être effectivement concentrés.

5.3.2 Interprétation géochimique des groupes géologiques enrichis en or et en métaux de base

Le groupe 1 est caractérisé par un faible enrichissement en Au ainsi qu'un faible lessivage en Ca et en Ta. Le groupe 1 est à peu près répandu partout dans l'ensemble des formations géologiques en présence. Le lessivage en Ca et en Ta peuvent indiquer que les sédiments et les intrusions granitiques ne sont pas la source de cet or.

Le groupe 2 manifeste une signature géochimique très intéressante: le cuivre est associé à l'altération potassique et le fort enrichissement en Be ainsi que la présence de Ga, Ce et Nb suggère un contexte d'intrusions granitiques spécialisées et/ou d'unités porphyriques felsiques. Le lessivage en Ca et Sr tend à confirmer l'hypothèse de l'altération potassique (calcaires transformés lessivés en Ca). La présence de lessivage en Al tend à indiquer que le groupe 2 est absent dans les volcaniques où Al est enrichi. Le groupe 2 est indicateur de zones d'altération analogues à celles du gisement de cuivre de Murdochville.

Le groupe 3 marque une signature géochimique typique d'un système hydrothermal polymétallique de type veine. Cette signature est complexe et n'implique que 7 échantillons. Ceci montre probablement une signature géochimique d'une minéralisation en Cu et en Au. La présence de Mo et Be peut indiquer une silicification et l'enrichissement en Te de ce groupe, rarement constaté en Gaspésie, suggère une altération importante. Les échantillons 2008, 3002, 3006, 3011, A-119 et M-315 peuvent être considérés comme étant proches d'une source possible.

Le groupe 4 marque une signature géochimique d'une minéralisation polymétallique de type veine dans des sédiments. Contrairement au groupe 3, ce sont Ag, Pb et possiblement Zn qui sont enrichis. Le lessivage en Cu et Be implique que le groupe 4 n'indique pas une minéralisation associée à un système porphyrique et le cuivre n'y est même pas anomalique.

Le groupe 7 est caractéristique d'une zone d'altération enrichie en métaux de base dans les sédiments et les roches volcaniques. Cu, Pb, Zn, Co, Ni et As sont des éléments qui témoignent de cette signature. Dans ce groupe, l'or est lessivé et Mo, Nb qui sont indicateurs de roches granitiques sont aussi lessivés. Cette signature est révélatrice de gites qui pourraient ressembler à celui de Patapédia.

Le groupe 11 ressemble au groupe 7, sauf que Be, K et Nb sont lessivés et que Au et Mo sont enrichis. L'environnement du groupe 11 est associé à plusieurs lithologies de par l'enrichissement en Mg, Ca, V, Bi, Ba, Sc, Sr, Y et Zr qui représentent, en général, des contextes différents. Le lessivage en Be, K et Nb indique une absence de minéraux associés aux feldspaths et/ou à l'altération potassique.

Le groupe 12 est caractéristique de zones d'altération associées à une activité hydrothermale typique de skarns ou de greisens. Le lessivage en K, Li, Nb et Be indique que les granitoïdes et/ou les intrusions porphyriques spécialisées ne sont pas associées à ce groupe. L'enrichissement important en Ca et Sn tend à renforcer cette hypothèse. Les fortes valeurs simultanées de Ca, Bi, Mo, W et Sn peuvent indiquer des minéralisations de zones de skarns ou de greisens.

Le groupe 18 possède une signature géochimique analogue à celle du groupe 2. Toutefois, l'enrichissement en Sr témoigne d'un apport de minéraux provenant de roches sédimentaires. A notre avis, le groupe 18 est un indicateur distal de zones d'altération potassique dans les granitoïdes et les intrusions porphyriques. Le lessivage en As et Cr montre que cette signature n'origine pas des roches volcaniques.

Le groupe 20 possède une signature intermédiaire entre le groupe 3 et le groupe 11. Les fortes valeurs de ce groupe en Ca, Mo peuvent indiquer une zone associée au groupe 3. Le lessivage en K, Be, Nb et Li implique que ce groupe n'est pas associé à des intrusions granitiques spécialisées.

Le groupe 22 est intéressant et marque une association entre le cuivre et des éléments chimiques présents dans les intrusions granitiques spécialisées tels Li, Be, Ga, Nb et Ta et le lessivage en éléments que l'on retrouve dans les sédiments tels Ca et Sr. Les anomalies en cuivre de ce groupe indique des intrusions granitiques potentiellement intéressantes pour des minéralisations de nature porphyrique.

Finalement, le groupe 24 avec seulement 29 individus est typique d'une minéralisation aurifère de type veine dans les roches volcaniques et/ou en contact avec des sédiments (enrichissement élevé en Au, Ti, Fe et Mn). Le fait que Be et Nb soient fortement lessivés indique que ce groupe n'est pas du tout associé à des intrusions granitiques spécialisées ou à des intrusions porphyriques enrichies en K.

Globalement, la région de Matapédia manifeste deux types majeurs de signatures géochimiques: polymétallique de type veine dans les skarns et greisens ainsi que porphyrique avec enrichissement en K et Cu, Mo, Zn. Ces deux types de signature s'opposent, à savoir que les enrichissements en K (altération potassique) sont associés à des intrusions granitiques et porphyriques potentielles pour de la minéralisation de cuivre disséminée tandis que les lessivages en K indique des contextes de skarns et de greisens avec des minéralisations de type veine. La présence de cisaillement aurifère dans les volcaniques est aussi confirmée par les groupes 3 et 24. Les intrusions granitiques et porphyriques sont potentielles pour des minéralisations en cuivre et peu propices à des minéralisations en or.

De même, les skarns, les greisens et les roches volcaniques sont favorables à des minéralisations aurifères polymétalliques et peu propices à des minéralisations de cuivre disséminé.

5.4 Comparaison entre la région de Matapédia et les secteurs de Murdochville et des Chics-Chocs

Du fait de la couverture géographique extensive de la région de Matapédia, celle-ci se révèle plus diversifiée et complexe que les secteurs de Murdochville et des Chics-Chocs. Au niveau géochimique, la région de Matapédia manifeste un net enrichissement en Te et Sn avec une quasi-absence de réponse en Sb et W.

Sauf pour le groupe 1, la minéralisation aurifère est associée aux éléments suivants: Te, Fe, Mn, Mg, Ca, Zn, Sc, Sr, Y, Co et V (contexte de sédiments et de roches volcaniques mafiques). L'arsenic a un comportement contradictoire; son enrichissement n'est pas systématiquement relié à des contextes de zones d'altération ou à des minéralisations aurifères.

Le zinc nous apparait un meilleur indicateur de systèmes hydrothermaux à l'échelle régionale pour le secteur de Matapédia. Cette dernière constatation est contraire à ce que l'on observe dans les Chics-Chocs et est beaucoup plus reliée à ce que l'on voit dans le secteur de Murdochville. Le tableau 4 illustre les principales statistiques des données brutes provenant des secteurs des Chics-Chocs, de Murdochville et de Matapédia.

TABLEAU 4

Comparaison entre les secteurs des Chics-Chocs et de Murdochville avec la région de Matapédia au niveau des réponses chimiques brutes choisies

élément	Chics-Chocs	Murdochville	Matapédia
Au	25.5 ppb	21.4 ppb	7.3 ppb
Cu	69.8 ppm	67.1 ppm	16.0 ppm
Pb	49.6 ppm	26.9 ppm	16.5 ppm
Zn	216.5 ppm	92.3 ppm	84.0 ppm
Mo	3.1 ppm	8.1 ppm	2.0 ppm
Co	32.9 ppm	14.6 ppm	16.6 ppm
Ag	0.9 ppm	0.8 ppm	0.6 ppm
As	31.3 ppm	26.4 ppm	8.5 ppm
Be	5.8 ppm	3.5 ppm	2.1 ppm
Bi	5.1 ppm	3.6 ppm	2.8 ppm
Te	10.0 ppm	10.0 ppm	11.2 ppm
W	7.0 ppm	19.6 ppm	5.0 ppm
Ba	608.7 ppm	761.7 ppm	378.7 ppm
Sb	6.2 ppm	3.3 ppm	2.6 ppm
Sc	18.3 ppm	8.8 ppm	12.5 ppm
Sn	19.1 ppm	16.6 ppm	21.5 ppm
Sr	117.9 ppm	90.3 ppm	126.3 ppm
Ta	5.5 ppm	6.4 ppm	1.3 ppm
Y	25.0 ppm	21.8 ppm	19.8 ppm
Zr	108.5 ppm	235.7 ppm	106.8 ppm

Globalement, la région de Matapédia présente des réponses chimiques plus faibles, en moyenne, que les secteurs des Chics-Chocs et de Murdochville. Toutefois, les anomalies importantes en Au et en Cu ressortent plus clairement dans la région de la Matapédia du fait d'un bruit de fond plus faible.

6.0 TRAITEMENT DE PONDERATION

6.1 Introduction

Le traitement de pondération des données de concentrés de minéraux lourds vise à donner une image régionale de la distribution spatiale de certains types de modèles de minéralisation pour l'or et le cuivre. Pour la région de Matapédia, nous avons retenu 7 types de modèles de minéralisation, dont 3 types sont associés à l'or et 4 sont associés au cuivre et/ou à des sulfures. Les modèles de minéralisation pour l'or sont tirés de la littérature provenant des gisements du Nevada. Les modèles pour la minéralisation de cuivre et sulfures ont été tirés de la littérature générale.

Pour l'or, 3 types de signature géochimique sont importantes à considérer au Nevada:

1) Volcanic hosted epithermal gold mineralizations (voir, Bonham (1988))

   a) Low sulphur model: Au, Mo, W, Mn et (Ag)
   b) Advanced argillic alteration: Au, Bi, Mo, (W), (Ag) et (Pb, Zn)
   c) Quartz-fluorite-carbonate: Au, Ag, Te, (Ca, Pb, Zn) vein system

2) Au in porphyry systems: Au, Ag, Zn, Pb, (As) (voir, Sillitoe (1988))

3) Au in sedimentary rocks avec lessivage en Ca et Mg : Au, As, Sb, Ba, K, Al, (Cu, Pb, Zn, Mo)

Le type 1 ne sera calculé que dans les bassins associés à des roches volcaniques. Le type 2 sera testé pour des secteurs où K est anomalique (argillization). Le type 3 ne sera calculé que dans les unités lithologiques présumées sédimentaires.

Pour le cuivre et les sulfures, nous avons sélectionné 4 types de signature:

4) gisement de cuivre porphyrique: Cu, Mo, K, Fe, (Zn, Ag)

5) gisement dans les shales noirs: Cu, Pb, Zn, Ba, V, Ni, As, Sb et (Ag, Mo, Bi)

6) skarns: Cu, Mo, Bi, W, Pb, Zn, Al, Ga et Ca

7) greisens: Mo, Bi, W, Be et Sn

L'appartenance d'un bassin de drainage à un ou plusieurs modèles de minéralisation sera déterminé par un calcul probabiliste. Le calcul probabiliste est le suivant: chaque élément chimique possède le même poids sauf pour ceux entre parenthèses qui possèdent un poids de moitié. Un élément est anomalique, dans un bassin donné, si la valeur dans le bassin est supérieure au seuil anomalique fixé par l'étude de la distribution cumulée de l'élément corrigé par régression.

Par exemple, pour le type 3 (gisement de type Carlin), le poids total correspond à 10.0, soit Au+As+Sb+Ba+K+Al+Ca+Mg = 8.0 et Cu+Pb+Zn+Mo = 2.0. La probabilité de similitude d'un bassin donné avec le type Carlin est calculée comme étant la somme des poids pour un bassin donné divisée par 10.0 (somme totale des poids). Le poids vaut 0.0 si la valeur de l'élément dans le bassin associé à un modèle de minéralisation est inférieure au seuil anomalique.

6.2 Résultats pour la région de Matapédia

L'ensemble de la région de Matapédia a été simulée pour vérifier la présence d'un ou plusieurs types de minéralisation. Globalement, la probabilité de trouver un des 7 types de

minéralisation est d'au plus de 80%. Un seuil de 50% de probabilité a été retenu afin de considérer un bassin comme étant associé à un type particulier de minéralisation.

Le tableau 5 illustre les principales statistiques concernant les probabilités élévées qui sont reliées à un ou plusieurs types de minéralisation.

TABLEAU 5

Tableau des bassins de drainage associés
à un ou plusieurs types de minéralisations
aurifères et/ou de sulfures

Numéro de l'échantillon	Type de minéralisation
46264 - 2241	1a
46264 - 2310	1c
46264 - 2311	1a, 1b, 4, 5, 6
46264 - 2314	3, 6
46264 - 2317	3, 6
46264 - 2322	4, 5
46264 - 2324	4, 6
46264 - 2325	4
46264 - 2331	4, 6
46264 - 2344	2, 4, 5
46264 - 2350	4
46264 - 2358	6
46264 - 2404	4
46264 - 2407	1b, 4
46264 - 2409	4
46264 - 2410	1b, 4, 7
46264 - 2411	6
46264 - 2416	1b
46264 - 2419	1b
46264 - 2423	1b, 6
46264 - 2488	4, 6
46264 - 2504	1a, 1b, 4
46264 - 3012	1a, 1b
46264 - 3014	1a, 1b
46264 - 3015	1a, 1b, 4

TABLEAU 5 (suite)

Numéro de l'échantillon	Type de minéralisation
46264 - 3124	1b
46264 - 3211	4
2089	1a, 1b
2247	4
2258	4
2455	1b
3027	1c, 2, 4, 6
3028	4
3317	1b, 4
A-011	4
A-045	4
A-076	4
A-142	4
C-015	3, 6
C-064	7
47107 - M022	1b, 5
47107 - M053	1c
47107 - M057	2, 5
47107 - R315	4, 6

Les types 1a, 1b et 1c ne sont pas présents dans les lithologies volcaniques telles que cartographiées à l'échelle régionale. Nous avons donc considéré un critère supplémentaire: à savoir des teneurs élevées en Fe, Ti et Cr. En effet, des teneurs élevées en Fe, Ti et Cr indiquent des lithologies volcaniques dans le secteur des Chics-Chocs.

Finalement, cette simulation est incomplète parce que plusieurs types de minéralisation n'ont pas été considérés ainsi que par le fait que le contexte géologique pour l'or en Gaspésie, bien que présentant certaines similitudes, soit différent de celui du Nevada. Néanmoins, les anomalies identifiées au tableau 5 méritent un examen attentif.

7.0 INTERPRÉTATION DES RÉSULTATS

L'identification des anomalies est basée sur six critères:

1) Anomalie en Au et/ou en Cu déterminée par analyse de régression

2) Échantillons associés à des groupes géologiques anomaliques, même si les échantillons ne sont pas anomaliques en Au et/ou en Cu

3) Échantillons anomaliques identifiés par la procédure de pondération basée sur les types de gisement du Nevada et autres

4) Regroupement spatial de 2 ou plusieurs bassins anomaliques selon les trois premiers critères (critères 1 à 3)

5) Proximité à une source possible de l'anomalie identifiée par les critères 1 à 3

6) Proximité à un gîte ou d'un indice connu (minéralisations en cuivre, en sulfures et/ou en or)

De par le fait que dans la région de Matapédia les réponses chimiques moyennes sont plus faibles que dans les secteurs des Chics-Chocs et de Murdochville, il en résulte qu'il y a moins d'anomalies. Ceci implique une distribution spatiale des anomalies qui est plus localisée et/ou plus nette. La priorité des anomalies a été décidée de la manière suivante:

Priorité 1: 4 critères ou plus associés à un bassin

Priorité 2: 3 critères associés à un bassin

Priorité 3: 2 critères associés à un bassin

Le tableau 6 dresse la liste des anomalies de la région de Matapédia.

TABLEAU 6

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 2006	Au	22B-10	près de la Petite Rivière (contact Aroostook-Percé)	12	----	----
46264 - 2098	Au	22B-10	ruisseau du Castor (contact Aroostook-Percé)	24	----	----
46264 - 2174	Au	22B-10	source près ou dans le bassin	2	----	3
46264 - 2241	Au	22B-10	grand bassin près du ruisseau des Mineurs	14	1a	3
46264 - 2243	Au	22B-10	ruisseau des Mineurs	12	----	----
46264 - 2246	Cu	22B-10	source: est du ruisseau Washout intersection de failles	11	----	----
46264 - 2283	Cu	22B-10	source: près de la frontière des cantons Dunière et Boutet	20	----	3
46264 - 2291	Cu	22B-10	source: près de la frontière des cantons Dunière et Boutet	18	----	3
46264 - 2294	Au	22B-10	source: près de la frontière des cantons Dunière et Boutet	12	----	3
46264 - 2297	Cu	22B-10	près de la frontière des cantons de Dunière et Boutet	7	----	----
46264 - 2299	Au	22B-10	près de la frontière des cantons de Dunière et Boutet	11	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 2300	Au	22B-10	près de la frontière des cantons de Dunière et Boutet	18	----	----
46264 - 2310	Au, Cu	22B-10	source: près de la frontière des cantons de Boutet et Gravier	24	1c	1
46264 - 2311	Cu	22B-10	source: près de la frontière des cantons Boutet et Gravier	1	1a,1b,4 5,6	2
46264 - 2314	Cu	22B-10	près de la frontière des cantons Boutet et Gravier	24	3,6	2
46264 - 2317	Cu	22B-10	source: près de la frontière des cantons de Boutet et Gravier	20	3,6	1
46264 - 2322	Cu	22B-10	près de la frontière des comtés de Matane et Matapédia	16	4,5	2
46264 - 2324	Cu	22B-10	source: près de la frontière des comtés de Matane et Matapédia	16	4,6	1
46264 - 2325	Cu	22B-10	près de la frontière des comtés de Matane et Matapédia	7	4	2
46264 - 2328	Au	22B-10	au nord de la frontière des cantons Boutet et Gravier	1	----	3
46264 - 2329	Cu	22B-10	source: près de la frontière des comtés de Matane et Matapédia	24	4,6	2
46264 - 2344	Cu	22B-10	source: près de la frontière des comtés de Matane et Matapédia	11	2,4,5	1
46264 - 2350	--	22B-10	près de la frontière des comtés de Matane et Matapédia	20	4	3

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 2358	Cu	22B-10	source: près de la frontière des comtés de Matane et Matapédia	12	6	1
46264 - 2383	Au	22B-10		7	----	----
46264 - 2389	Au	22B-10		18	----	----
46264 - 2404	--	22B-10	près de la rivière Nouvelle	12	4	3
46264 - 2407	--	22B-10	près de la rivière Nouvelle	20	1b,4	3
46264 - 2409	--	22B-10	près de la rivière Nouvelle	20	4	3
46264 - 2410	--	22B-10	source: près de la rivière Nouvelle	12	1b,4,7	2
46264 - 2411	Cu	22B-10	source: près de la rivière Nouvelle	11	6	1
46264 - 2412	Cu	22B-10	source: près de la rivière Nouvelle	11	----	2
46264 - 2418	Au	22B-10	près de la frontière des comtés de Matane et Matapédia	24	----	----
46264 - 2419	--	22B-10	grand bassin au nord de la frontière des comtés de Matane et Matapédia	12	1b	----
46264 - 2420	Cu	22B-10	source: près de la frontière des cantons de La Grange et Catalogne	7	----	3

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 2421	Au	22B-10	près de la frontière des cantons de La Grange et Catalogne	1	----	3
46264 - 2423	Au	22B-10	source: près de la frontière des cantons de La Grange et Catalogne	20	1b,6	1
46264 - 2429	Au	22B-10	près de la frontière des cantons de La Grange et Catalogne	11	----	3
46264 - 2488	---	22B-11	source: près du ruisseau Causapscal	11	4,6	3
46264 - 2490	Au	22B-11	source: près de ruisseau Causapscal	21	----	3
46264 - 2499	Au	22B-11	près de la rivière Causapscal	22	----	----
46264 - 2504	Au	22B-11	près de la rivière Causapscal	4	1a,1b,4	3
46264 - 2505	Au	22B-11	source: près de la rivière Causapscal	12	----	2
46264 - 2507	Au	22B-11	près de la rivière Causapscal	1	----	3
46264 - 2510	Au	22B-10	grand bassin au nord de la rivière Causapscal	10	----	----
46264 - 2584	Au	22B-6	source: au sud du lac des Huit-milles	23	----	2
46264 - 2585	Au	22B-6	source: au sud du lac des Huit-milles	14	----	2

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 2620	Au	22B-11	grand bassin près du ruisseau Chandler ouest	10	----	----
46264 - 2648	Au	22B-10	source: près de la rivière à la Truite	10	----	3
46264 - 3002	Cu	22B-10	source: près du ruisseau des Mineurs, failles	3	----	3
46264 - 3005	Au	22B-10	source	2	----	3
46264 - 3010	Au	22B-10	source, sud du barrage de l'étang à la Truite	1	----	3
46264 - 3012	Au	22B-10	source, sud de la frontière des comtés de Matane et Matapédia	11	1a	1
46264 - 3013	Au	22B-10	source, sud de la frontière des comtés de Matane et Matapédia	4	----	2
46264 - 3014	Au	22B-10	source, sud de la frontière des comtés de Matane et Matapédia	11	1b	1
46264 - 3015	Au	22B-10	sud de la frontière des comtés de Matan et Matapédia	19	----	3
46264 - 3016	Au	22B-10	source, sud de la frontière des comtés de Matane et Matapédia	20	1a,1b,4	1
46264 - 3103	Cu	22B-11	source, au nord de la rivière Causapscal	8	----	3
46264 - 3117	Au	22B-11	source, rivière à la Truite	12	----	2

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 3118	Au	22B-11	source, près de la rivière à la Truite	3	----	2
46264 - 3123	Au	22B-6	source, ouest de la rivière Causapscal	1	----	2
46264 - 3124	Au, Cu	22B-6	source, ouest de la rivière Causapscal	13	1b	1
46264 - 3202	Cu	22B-10	source, frontière des cantons de Dunière et Boutet	16	----	3
46264 - 3206	Cu	22B-10	source, ruisseau des Mineurs avec faille	7	----	3
46264 - 3207	Au	22B-10	nord de la rivière Square Forks	13	----	----
46264 - 3208	Cu	22B-10	source, rivière Square Forks	18	----	2
46264 - 3209	Cu	22B-10	rivière Square Forks	8	----	3
46264 - 3211	Au, Cu	22B-10	source, frontière des cantons de Boutet et Gravier	20	4	1
46264 - 3212	Au	22B-10	nord de la frontière des cantons de Boutet et Gravier	11	----	----
46264 - 3308	Cu	22B-10	source, frontière des cantons de Dunière et Boutet	12	----	2
46264 - 3309	Cu	22B-10	source, frontière des cantons de Gravier et Boutet	18	----	2

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
46264 - 3310	Cu	22B-10	frontière des cantons de Gravier et Boutet	8	----	----
46264 - 3311	Au	22B-10	frontière des cantons de Boutet et Gravier	18	----	3
2050	Au	22B-10	rivière à la Truite	6	----	----
2056	Au	22B-10	source, Petite Rivière	6	----	2
2089	Au	22B-10	grand bassin, frontière des cantons Cuoq et de La Grange	20	1a,1b	2
2093	Cu	22B-10	source, rivière à la Truite	4	----	3
2104	Au	22B-10	ruisseau à la Truite	1	----	----
2106	Au	22B-10	grand bassin près du ruisseau à la Truite	17	----	----
2136	Au	22B-10		16	----	----
2213	Au	22B-10	sud du ruisseau des Mineurs	1	----	----
2234	Au	22B-10	grand bassin, frontière des cantons de Dunière et Boutet	13	----	----
2235	Au	22B-10	frontière des cantons de Dunière et Boutet	2	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
2247	Cu	22B-10	ruissaeu des Mineurs	17	4	3
2250	Cu	22B-10	source, ruisseau des Mineurs	7	----	3
2258	--	22B-10	grand bassin ruisseau des Mineurs	20	4	3
2448	Cu	22B-11	source, lac Bergeron	8	----	3
2455	Au	22B-11	source, nord du lac Casault	18	1b	1
2456	Au	22B-11	source, nord du lac Casault	6	----	2
2463	Au	22B-11	source, nord du lac Casault	23	----	2
2464	Au	22B-11	nord du lac Casault	11	----	3
2465	Au	22B-11	nord du lac Casault	8	----	3
2466	Au	22B-11	source, nord du lac Casault	5	----	3
2477	Au	22B-11	grand bassin, rivière Causapscal	18	----	----
2478	Au	22B-11	rivière Causapscal	20	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
2524	Au	22B-7	ruisseau Bacon, failles	1	----	----
2527	Au	22B-7	rivière Causapscal	5	----	----
2544	Au	22B-7	source, près de la rivière Causapscal	12	----	3
2547	Au	22B-7	grand bassin + faille, près de la rivière Causapscal	7	----	----
2591	Cu	22B-7	source, rivière Causapscal	7	----	----
2594	Au	22B-6	grand bassin, rivière Causapscal	4	----	----
2657	Cu	22B-11	est du lac Chandler	1	----	----
2660	Cu	22B-11	est du lac Chandler	23	----	----
3027	Cu	22B-6	source, sud-ouest du lac Casault	18	1c,2,4,6	1
3028	Cu	22B-6	sud-ouest du lac Casault	8	4	2
3126	Au	22B-6	grand bassin, rivière Causapscal	11	----	----
3136	Cu	22B-10	grand bassin, sud de la frontière des cantons Boutet et Gravier	20	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
3317	--	22B-10	source, près du ruisseau des Mineurs	16	1b,4	2
A-009	Cu	22A-11	source, axe de pli, frontière des cantons Raudin et Von Den Velden	10	----	----
A-011	Cu	22A-11	source, mont Alexandre	11	4b,5,6	2
A-013	Cu	22A-11	près du mont Alexandre	12	----	----
A-016	Cu	22A-11	près du mont Alexandre	14	----	----
A-019	Cu	22A-11	source, mont Alexandre	1	----	3
A-041	Cu	22A-11	sud du mont de l'Observation faille	11	----	----
A-042	Cu	22A-11	sud du mont de l'Observation faille	20	----	----
A-045	Cu	22A-11	sud du mont de l'Observation	11	4	3
A-076	--	22A-11	source, mont Alexandre	4	4	2
A-106	Au, Cu	22A-11	source, est du ruisseau Albert	11	----	3
A-110	Cu	22A-11	source, faille, ouest de la rivière St-Jean	12	----	2

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
A-112	Cu	22A-11	ouest de la rivière St-Jean faille	23	----	----
A-113	Cu	22A-11	ouest de la rivière St-Jean	20	----	----
A-114	Cu	22A-11	faille, ouest de la rivière St-Jean	21	----	----
A-115	Cu	22A-11	source, faille, mont Alexandre	18	----	1
A-116	Cu	22A-11	source, faille, mont Alexandre	11	----	2
A-117	Cu	22A-11	source, faille, mont Alexandre	18	----	1
A-118	Cu	22A-11	faille, mont Alexandre	11	----	3
A-119	Cu	22A-11	source, faille, mont Alexandre	3	----	1
A-120	Cu	22A-11	faille, mont Alexandre	6	----	2
A-121	Cu	22A-11	faille, mont Alexandre	18	----	2
A-122	Cu	22A-11	faille, mont Alexandre	1	----	3
A-123	Cu	22A-11	faille, mont Alexandre	6	----	3

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
A-124	Cu	22A-11	source, axe de pli, ouest du mont de l'Observation	12	----	3
A-127	Cu	22A-11	source, axe de pli, sud du mont Alexandre	20	----	2
A-128	Cu	22A-11	source, est du mont de l'Observation	4	----	2
A-130	Cu	22A-11	ouest de la rivière du Petit Pabos	13	----	----
A-138	Cu	22A-11	source, faille, ouest de la rivière St-Jean Sud	20	----	3
A-142	Cu	22A-11	source, nord du lac Mourier	1	----	3
A-175	Cu	22A-11	source, faille, ouest de la rivière St-Jean Sud	23	4	2
A-179	Cu	22A-11	source, frontière des comtés de Gaspé-Est et de Bonaventure	15	----	3
A-180	Cu	22A-11	frontière des comtés de Gaspé-Est et de Bonaventure	14	----	----
A-181	Cu	22A-11	frontière des comtés de Gaspé-Est et de Bonaventure	14	----	----
A-191	Cu	22A-11	sud du lac Mourier	23	----	----
A-192	Cu	22A-11	source, sud du lac Mourier	16	----	3

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
C-002	Cu	22B-6	source, ruisseau des Chasseurs	5	----	----
C-006	Au	22B-6	source, ouest de Ste-Marguerite	18	----	3
C-015	Cu	22B-6	source, sud-ouest de Ste-Marguerite, forte anomalie	11	3,6	2
C-026	Cu	22B-7	source, près de la rivière Assemetquagan	23	----	----
C-029	Cu	22B-7	source, ouest de la rivière, forte anomalie	13	----	----
C-048	Au	22B-6	source, chemin Kempt	24	----	3
C-055	Cu	22B-6	source, nord-est de Ste-Marguerite	14	----	3
C-063	Au,Cu	22B-6	ouest du chemin Kempt	4	----	----
C-064	--	22B-6	ouest du chemin Kempt	19	7	3
C-067	Au	22B-6	sud-ouest du chemin Kempt	12	----	----
C-070	Au	22B-6	source, nord du ruisseau McCormick	20	----	2
C-077	Cu	22B-6	source, ruisseau Jollet	4	----	3

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
C-080	Au	22B-6	ruisseau Castor	4	----	----
C-084	Au	22B-6	nord du ruisseau McCormick	20	----	3
C-089	Au	22B-6	source, est du ruisseau Creux au sud de l'indice Lepage	20	----	2
C-093	Au,Cu	22B-6	source, nord-est de Ste-Marguerite	1	----	2
C-105	Au	22B-7	ruisseau Creux	12	----	----
C-112	Au	22B-6	ouest de Ste-Marguerite	22	----	----
C-113	Cu	22B-6	source, nord du ruisseau Creux	2	----	3
C-120	Au,Cu	22B-6	source, très anomalique, nord-est de Ste-Marguerite	22	----	3
47107 - M006	Au	21O-14	nord de St-Alexis de Matapédia	17	----	----
47107 - M017	Au	21O-14	nord de la rivière Restigouche	10	----	----
47107 - M019	Cu	21O-14	source, St-Joseph de Matapédia	12	----	3
47107 - M021	Cu	21O-14	source, nord de la rivière Restigouche	12	----	2

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
47107 - M022	Au,Cu	21O-14	nord de la rivière Restigouche	24	1b,5	1
47107 - M053	Au	21O-14	source, est de L'Ascension de Patapédia	11	1c	1
47107 - M054	Au	21O-14	est de L'Ascension de Patapédia	16	----	----
47107 - M057	--	21O-14	source, est de L'Ascension de	12	2,5	2
47107 - M081	Au	21O-14	nord de St-Jean de Matapédia	10	----	----
47107 - M108	Au	21O-14	grand bassin, ruisseau Basile	18	----	----
47107 - M141	Au	22B-3	ouest de la rivière Matapédia	5	----	----
47107 - M148	Au	21O-14	gîte de Patapédia	1	----	2
47107 - M150	Au	21O-14	nord-est du gîte de Patapédia	20	----	3
47107 - M187	Au	22B-2	frontière des cantons Milnikek et Matapédia	23	----	----
47107 - M216	Au	21O-14	ruisseau Ferguson nord	12	----	----
47107 - M282	Au	22B-2	rivière Kempt	13	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
47107 - M345	Au	22B-2	ruisseau Robitaille	22	----	----
47107 - M357	Au	21O-14	source, nord de St-François d'Assise	22	----	----
47107 - M361	Au	22B-3	ouest de la rivière Matapédia	5	----	----
47107 - M373	Au	21O-14	source, ouest du ruisseau Ferguson nord	5	----	----
47107 - M379	Au	21O-14	ruisseau Fivemile, faille de Patapédia	5	----	----
47107 - M383	Au	21O-14	source, faille de Patapédia	23	----	3
47107 - M389	Cu	22B-2	ruisseau Kempt ouest	22	----	----
47107 - R012	Au	22B-5	rivière Jean Lévesque	17	----	----
47107 - R015	Cu	22B-5	rivière Jean Lévesque	8	----	----
47107 - R016	Au,Cu	22B-5	rivière Jean Lévesque	24	----	----
47107 - R018	Au	22B-5	grand bassin, ruisseau Martel	22	----	----
47107 - R024	Au	22B-5	nord de la rivière Jean Lévesque	17	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
47107 - R032	Au,Cu	22B-5	source, nord de la rivière Jean Lévesque	5	----	3
47107 - R033	Au,Cu	22B-5	nord de la rivière Jean Lévesque	2	----	3
47107 - R036	Cu	22B-5	source, rivière Jean Lévesque	18	----	3
47107 - R043	Au	22B-5	grand bassin, nord-est de Ste-Irène	10	----	----
47107 - R107	Au	22B-5	nord-est du lac Alfred	2	----	----
47107 - R110	Au	22B-5	nord-est du lac Alfred	18	----	----
47107 - R115	Cu	22B-5	source, ouest du lac Alfred	9	----	3
47107 - R118	Au	22B-5	ouest du lac Alfred	17	----	----
47107 - R133	Au	22B-5	source, nord de Ste-Irène	15	----	----
47107 - R201	Cu	22B-5	grand bassin, sud-ouest de St-Cléophas	22	----	3
47107 - R202	Cu	22B-5	source, petit bassin, sud-ouest de St-Cléophas	2	----	2
47107 - R209	Cu	22B-5	sud-ouest de St-Cléophas	21	----	----

TABLEAU 6 (suite)

Secteurs anomaliques
Région de Matapédia

Numéro	Elément(s)	N.T.S.	Localisation	Groupe	Type	Priorité
47107 - R304	Cu	22B-5	ruisseau Martel	18	----	----
47107 - R315	Cu	22B-5	source, est du lac Noir	19	----	3
47107 - R318	Cu	22B-5	est du lac Noir	22	----	----

Pour la région de Matapédia, nous avons recensé les endroits anomaliques suivants:

22A-11

1) secteur situé sur le mont Alexandre
A-019, A-115 à A-123, A-124, A-127, A-011 et A-013

2) secteur situé à l'ouest de la rivière St-Jean Sud
A-110, A-112, A-113 et A-114

3) secteur situé à l'est du mont de l'Observation
A-128 et A-130

21O-14

1) secteur situé au nord de la rivière Restigouche
M-017, M-019, M-021 et M-022

2) secteur situé à l'est de l'Ascension de Patapédia
M-053, M-054 et M-057

3) secteur situé au nord-ouest du gîte de Patapédia
M-379 et M-383 (ruisseau Fivemile)

4) secteur du gîte de Patapédia
M-148 et M-150

22B-3

1) secteur situé à l'ouest de la rivière Matapédia
M-141 et M-361

22B-5

1) secteur situé au nord de la rivière Jean Lévesque
R-015, R-016, R-024, R-032, R-033 et R-036

2) secteur situé à l'ouest du lac Alfred
R-115, R-315 et R-318

3) secteur situé au sud-ouest de St-Cléophas
R-201 et R-202

22B-6

1) secteur situé au nord-est de Ste-Marguerite
C-006, C-055, C-093, C-112 et C-120

2) secteur situé au sud-ouest de Ste-Marguerite
C-015, C-063 et C-064

3) secteur situé au nord du ruisseau McCormick
C-070 et C-084

4) secteur situé au sud de l'indice Lepage
C-089

5) secteur situé au sud du lac des Huit-Milles
2584 et 2585

6) secteur situé au sud-ouest du lac Casault
3027 et 3028

22B-7

1) secteur situé près de la rivière Assemetquagan
C-026 et C-029

2) secteur situé près de la rivière Causapscal
2524, 2527, 2544 et 2547

22B-10

1) secteur situé au sud de la frontière des comtés de Matane et Matapédia
3012, 3013, 3014, 3015 et 3016

2) secteur situé à la frontière des cantons de La Grange et Catalogne
2421, 2423 et 2429

3) secteur situé au nord de la rivière Square Forks
3208 et 3209

4) secteur situé à la frontière des cantons Boutet et Gravier
2310, 2311, 2314 et 2317

5) secteur situé à la frontière des comtés de Matane et Matapédia
2322, 2324, 2325 et 2329

6) secteur situé à la frontière des cantons Dunière et Boutet
3308 et 3309

7) secteur situé à la frontière des comtés de Matane et Matapédia
2344 et 2358

22B-11

1) secteur situé près de la rivière Causapscal
2504, 2505, 2507, 2490 et 2499

2) secteur situé au nord du lac Casault
2455, 2456, 2463, 2464, 2465 et 2466

3) secteur de la rivière à la Truite
3117 et 3118

4) secteur du lac Bergeron
2448

De tous ces secteurs anomaliques en or et/ou en cuivre, nous retenons les secteurs suivants qui nous apparaissent prioritaires pour une exploration détaillée:

N.T.S.

22A-11	secteur situé sur le mont Alexandre
22A-11	secteur situé à l'ouest de la rivière St-Jean Sud
21O-14	secteur situé au nord de la rivière Restigouche
21O-14	secteur situé au nord-ouest du gîte de Patapédia
22B-5	secteur situé au nord de la rivière Jean Lévesque
22B-6	secteur situé au nord-est de Ste-Marguerite
22B-6	secteur situé au sud-ouest de Ste-Marguerite
22B-6	secteur au sud de l'indice Lepage
22B-7	secteur situé près de la rivière Causapscal
22B-10	secteur situé au sud de la frontière des comtés de Matane et Matapédia
22B-10	secteur situé à la frontière des cantons de Boutet et Gravier
22B-11	secteur situé près de la rivière Causapscal
22B-11	secteur situé au nord du lac Casault

L'exploration détaillée devrait se concentrer sur les secteurs anomaliques énumérés çi-haut. Les bassins anomaliques ainsi que leur entourage devrait faire l'objet d'un échantillonnage ainsi que d'une prospection plus précise. Toutefois, si certains bassins anomaliques isolés correspondent à des cibles géologiques et/ou structurales connues, alors une attention particulière pourrait leur être accordée.

Finalement, cette information issue du traitement géostatistique des données doit être comparée et analysée avec toute autre information géologique pertinente. Le niveau de priorité ainsi que la signification des anomalies pourraient alors être modifiés en conséquence.

8.0 CONCLUSION

Le traitement géostatistique des données de concentrés de minéraux lourds de la région de Matapédia, basé sur la codification des variables géologiques (lithologies et critères structuraux) et topographiques, a permis d'identifier de nombreuses anomalies en Au et Cu. Une régression linéaire multiple a été calculée pour chaque élément chimique afin de soustraire les effets de bruits de fond et de mobilité différents.

L'interprétation des paramètres de régression indique que l'or est associé aux formations V10 (formations Lake Branch et Battery Point), V4 (formations Awantijsh, Val-Brillant, Sayabec, St-Léon, St-Alban, Burntjambrook et Jonathan) et V1 (groupe de Honorat et de Matapédia). Pour le cuivre, on a les formations V10 (formations Lake Branch et Battery Point) et V8 (formations York Lake et York River). L'inclusion de la variable topographie dans l'analyse de régression influence les résultats du traitement des données mais, dans une moindre mesure que dans les secteurs de Murdochville et des Chics-Chocs. La plupart des éléments reliés aux sulfures ne sont pas ou peu affectés par la topographie.

Par la suite, une analyse des similitudes a été conduite sur l'ensemble des éléments corrigés par régression. Parce que la région de Matapédia couvre beaucoup de terrain, il en résulte une grande complexité au niveau de la définition des groupes (27 groupes). Parmi ces 27 groupes, 7 groupes sont enrichis en or et/ou en cuivre. La minéralisation aurifère possède une signature géochimique polymétallique de type veine qui se retrouve dans l'ensemble des lithologies (sédiments, volcaniques, granitoïdes et intrusions porphyriques); le zinc semble être un bon indicateur de minéralisation aurifère dans la région. Pour le cuivre, deux contextes sont présents: l'altération potassique associée aux granitoïdes et intrusions porphyriques et les veines polymétalliques enrichies en cuivre.

De plus, l'ensemble de la région de la Matapédia a été simulée, pour différentes occurences de gisements d'or et de sulfures, d'après la littérature des gisements aurifères du Nevada et les signatures géochimiques générales des gisements suivants: cuivre porphyrique, gisement plomb-zinc dans les shales noirs, les skarns et les greisens.

Finalement, les anomalies dans l'ensemble de la région de Matapédia ont été déterminées selon 6 critères:

1) Anomalie en Au et/ou Cu déterminée par analyse de régression.

2) Échantillons associés à des groupes géologiques anomaliques, même, si les échantillons ne sont pas anomaliques en Au et/ou Cu.

3) Échantillons anomaliques identifiés par la procédure de pondération basée sur les types de gisements du Nevada et autres.

4) Regroupement spatial de 2 ou plusieurs bassins anomaliques selon les trois premiers critères (critères 1 à 3).

5) Proximité à une source possible de l'anomalie identifiée par les critères 1 à 3.

6) Proximité à un gîte ou à un indice connu (minéralisations en cuivre/sulfures et/ou aurifères).

Pour la région de Matapédia, nous retenons les secteurs anomaliques suivants qui méritent une attention particulière:

1) secteur du mont Alexandre (22A-11), tout le secteur est anomalique en cuivre.

2) secteur situé à l'ouest de la rivière St-Jean Sud (22A-11), tout le secteur est anomalique en cuivre.

3) secteur situé au nord-est de Ste-Marguerite (22B-6), secteur anomalique en or et en cuivre.

4) secteur situé au sud-ouest de Ste-Marguerite (22B-6), secteur anomalique en or et en cuivre.

5) secteur situé au sud de la frontière des comtés de Matane et de Matapédia (22B-10), plusieurs anomalies en or.

6) secteur situé au nord du lac Casault (22B-10), plusieurs anomalies en or.

7) secteur situé près de la rivière Causapscal (22B-11), plusieurs anomalies en or.

9.0 RECOMMANDATIONS

1. Vérifier les anomalies identifiées par le traitement géostatistique des données. Cette vérification devrait inclure de l'échantillonnage supplémentaire de concentrés de minéraux lourds ainsi que de l'échantillonnage lithogéochimique.

2. Effectuer une étude de télédétection qui permettrait de couvrir les secteurs échantillonnés pour des concentrés de minéraux lourds. Cette étude permettrait d'obtenir la signature structurale des secteurs ainsi que celle des indices minéralisés présents.

3. Porter une attention particulière aux anomalies en Zn et en K, respectivement, pour des cibles régionales de prospection pour l'or et les métaux de base (Cu).

10.0 BIBLIOGRAPHIE

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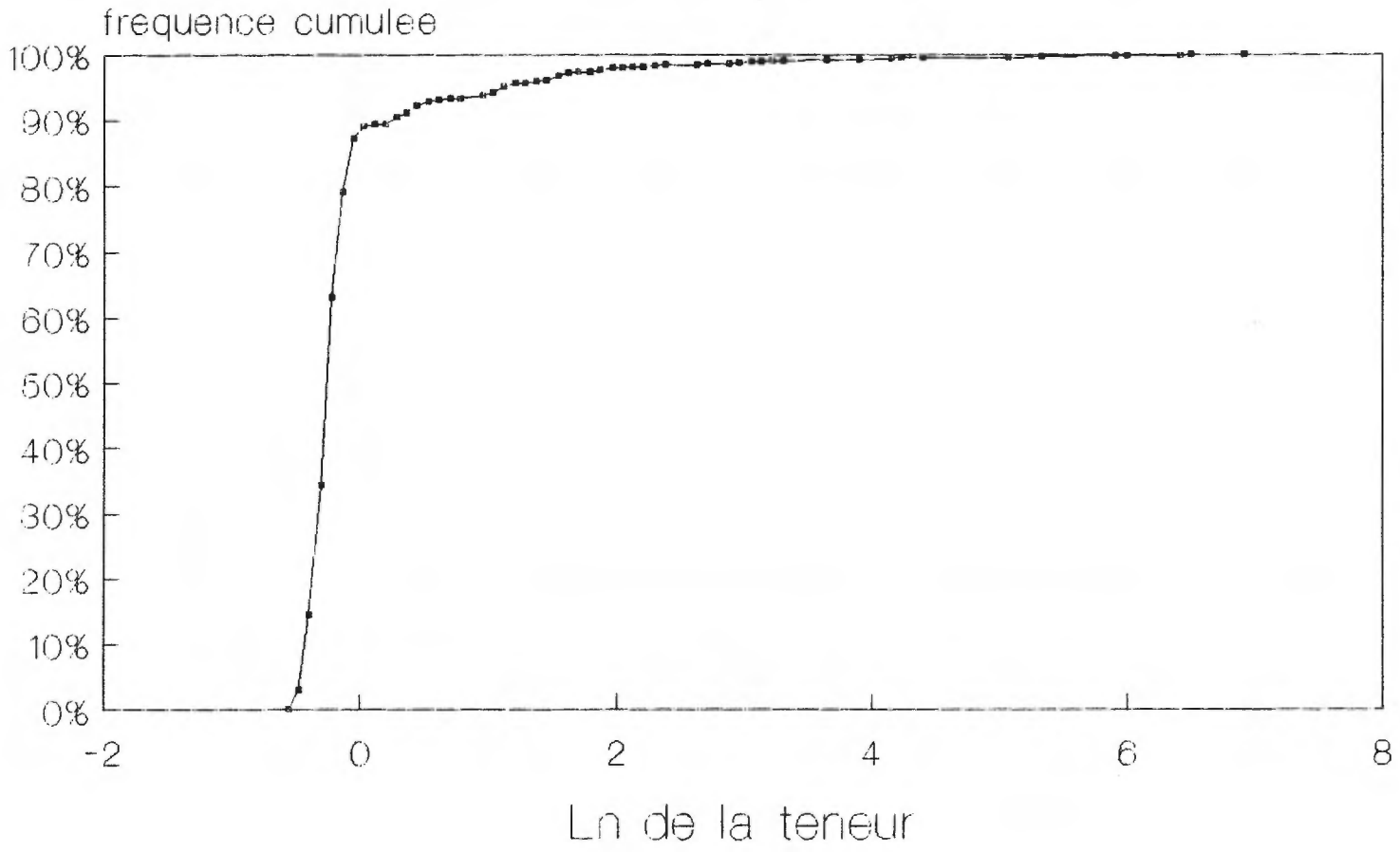
ANNEXE 1

DISTRIBUTIONS CORRIGÉES DES ÉLÉMENTS

MATAPEDIA
DISTRIBUTION CORRIGEE DE L'OR



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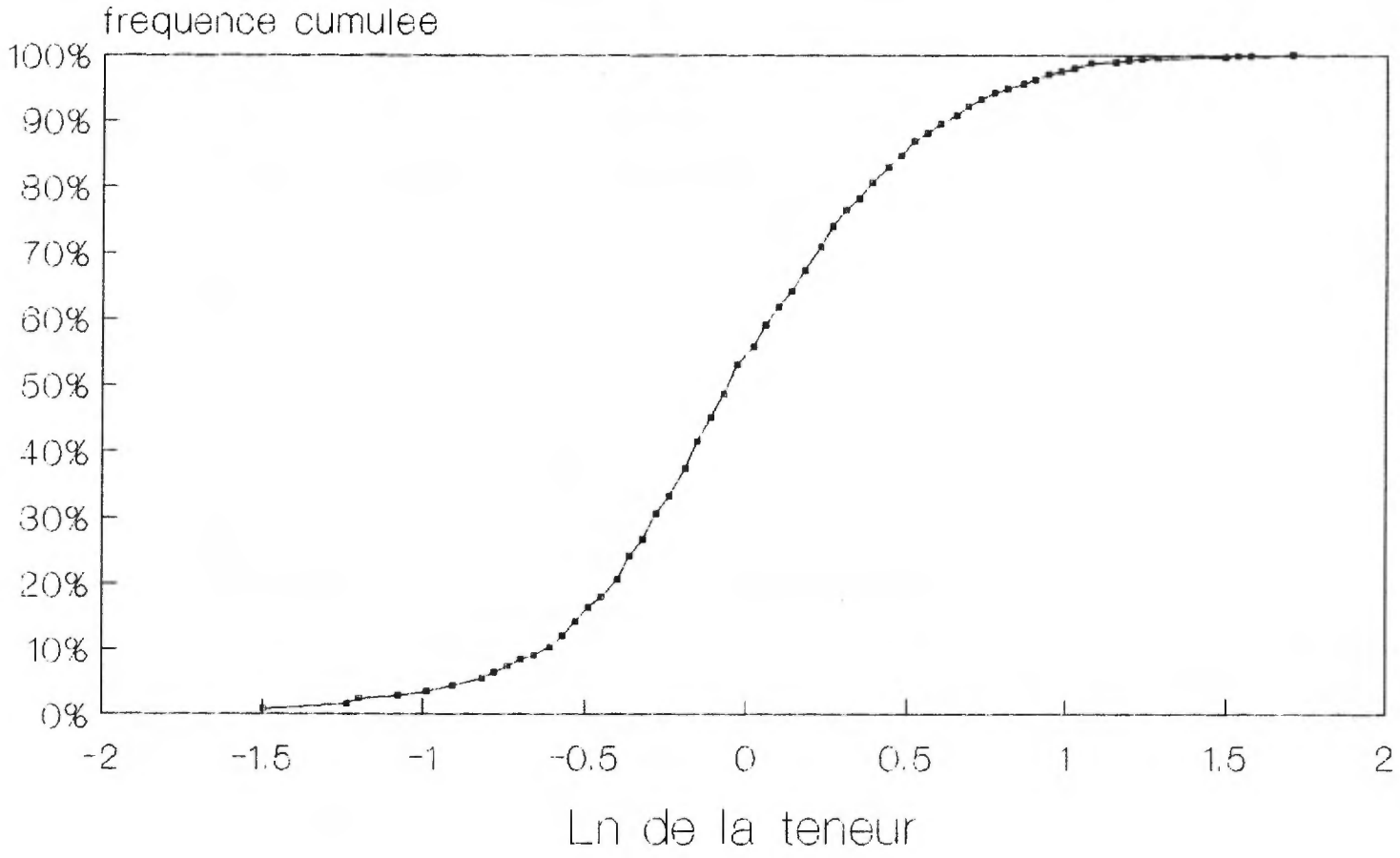
MATAPEDIA
DISTRIBUTION CORRIGEE DU CUIVRE



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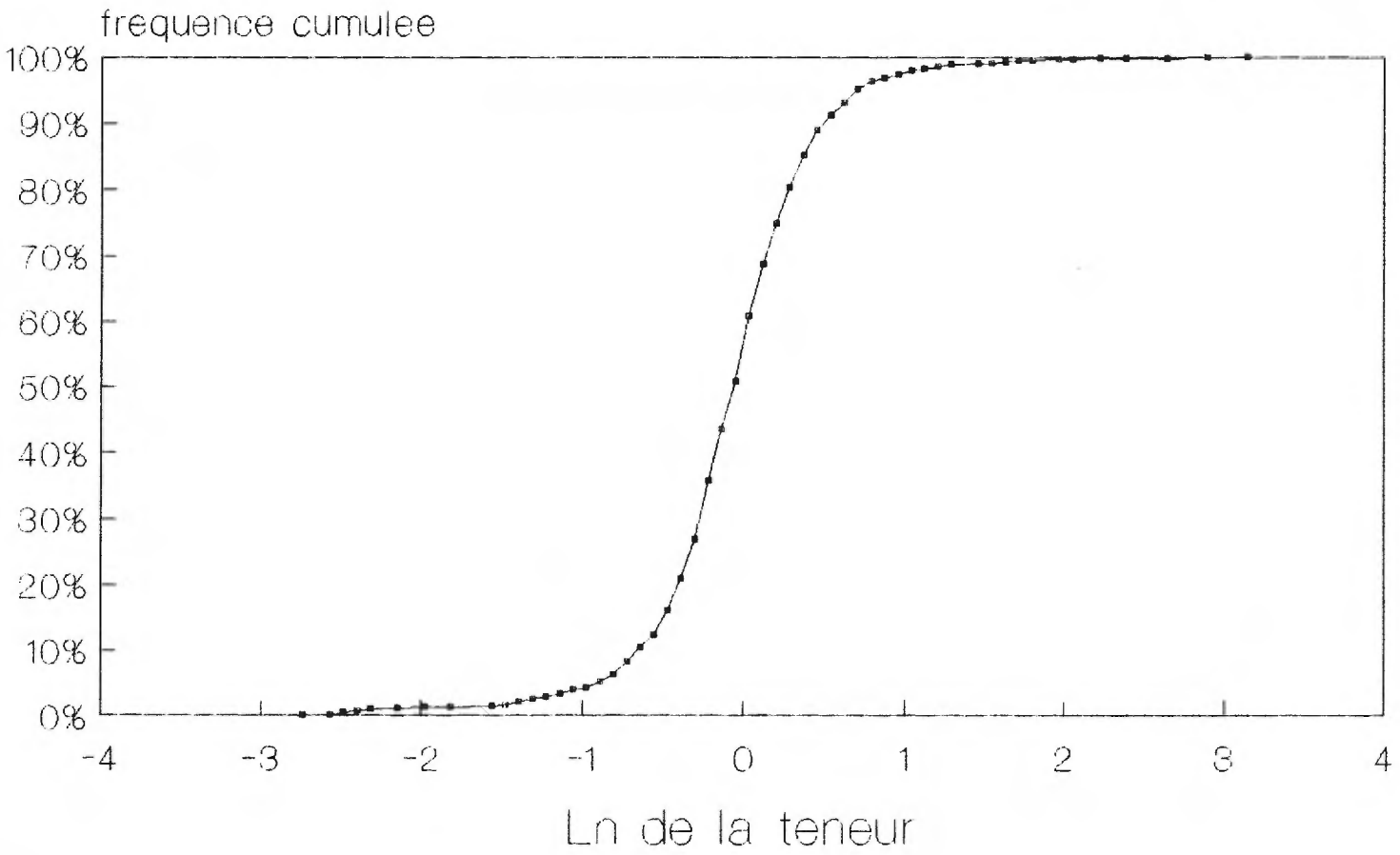
MATAPEDIA
DISTRIBUTION CORRIGEE DU PLOMB



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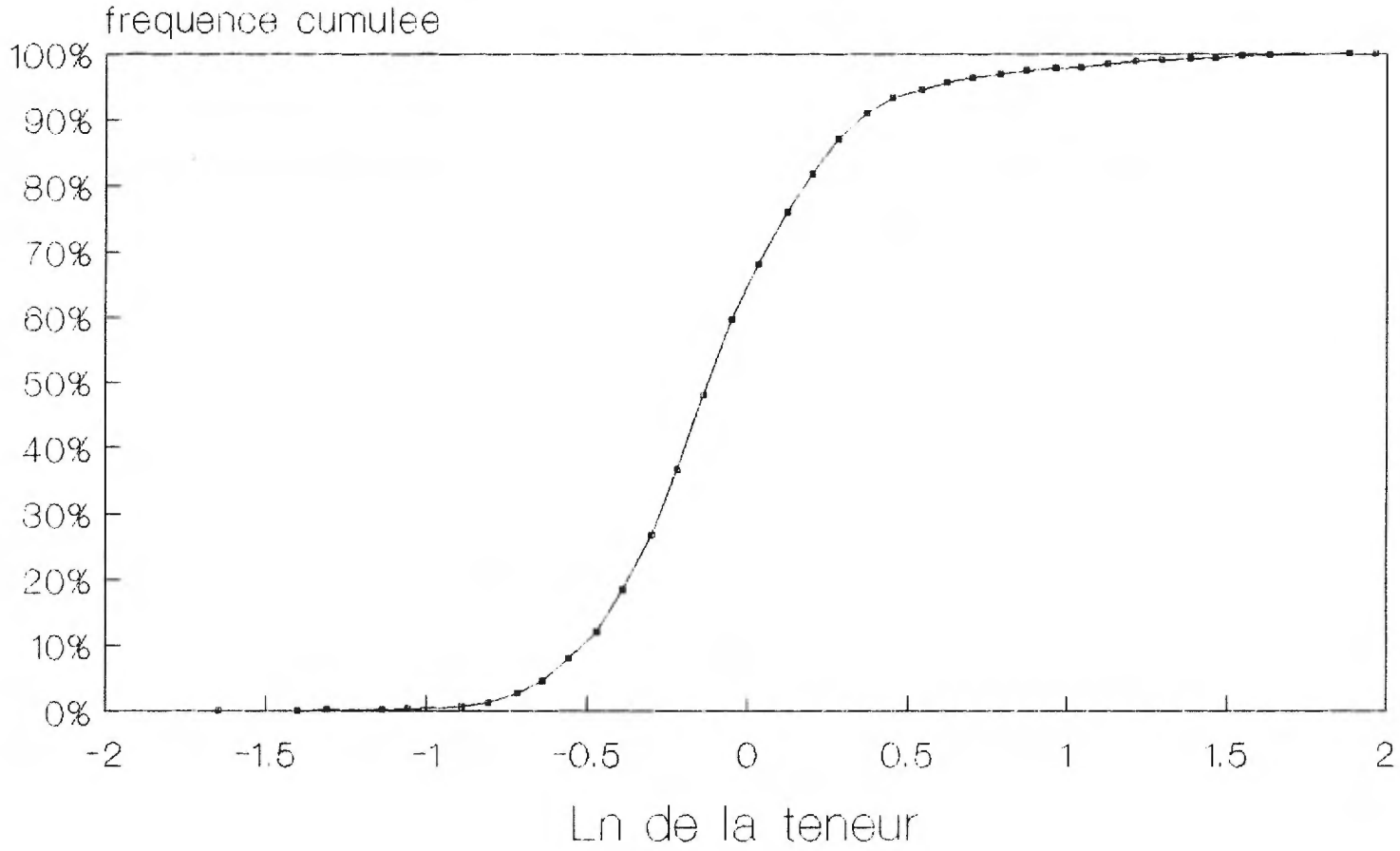

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MATAPEDIA
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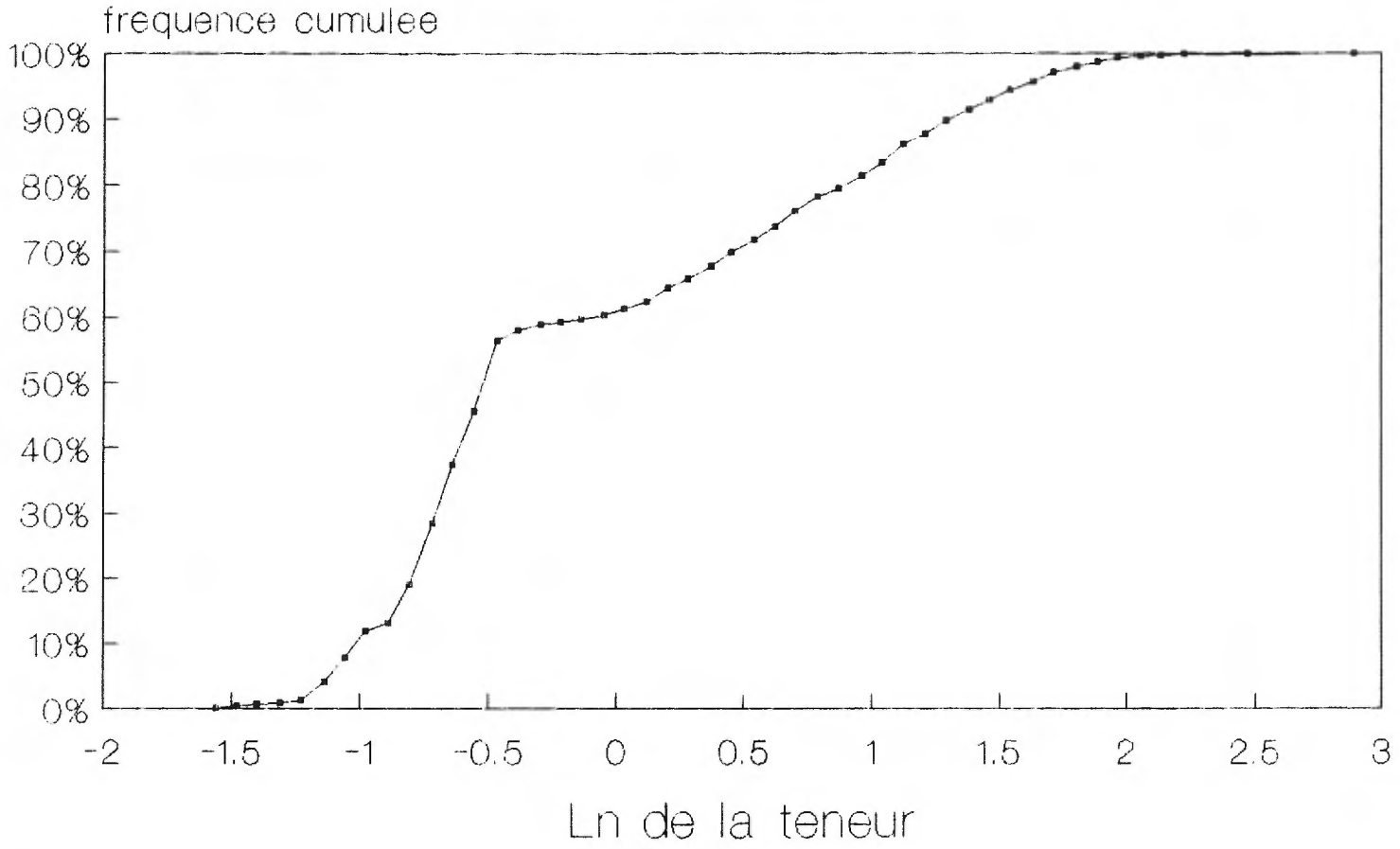

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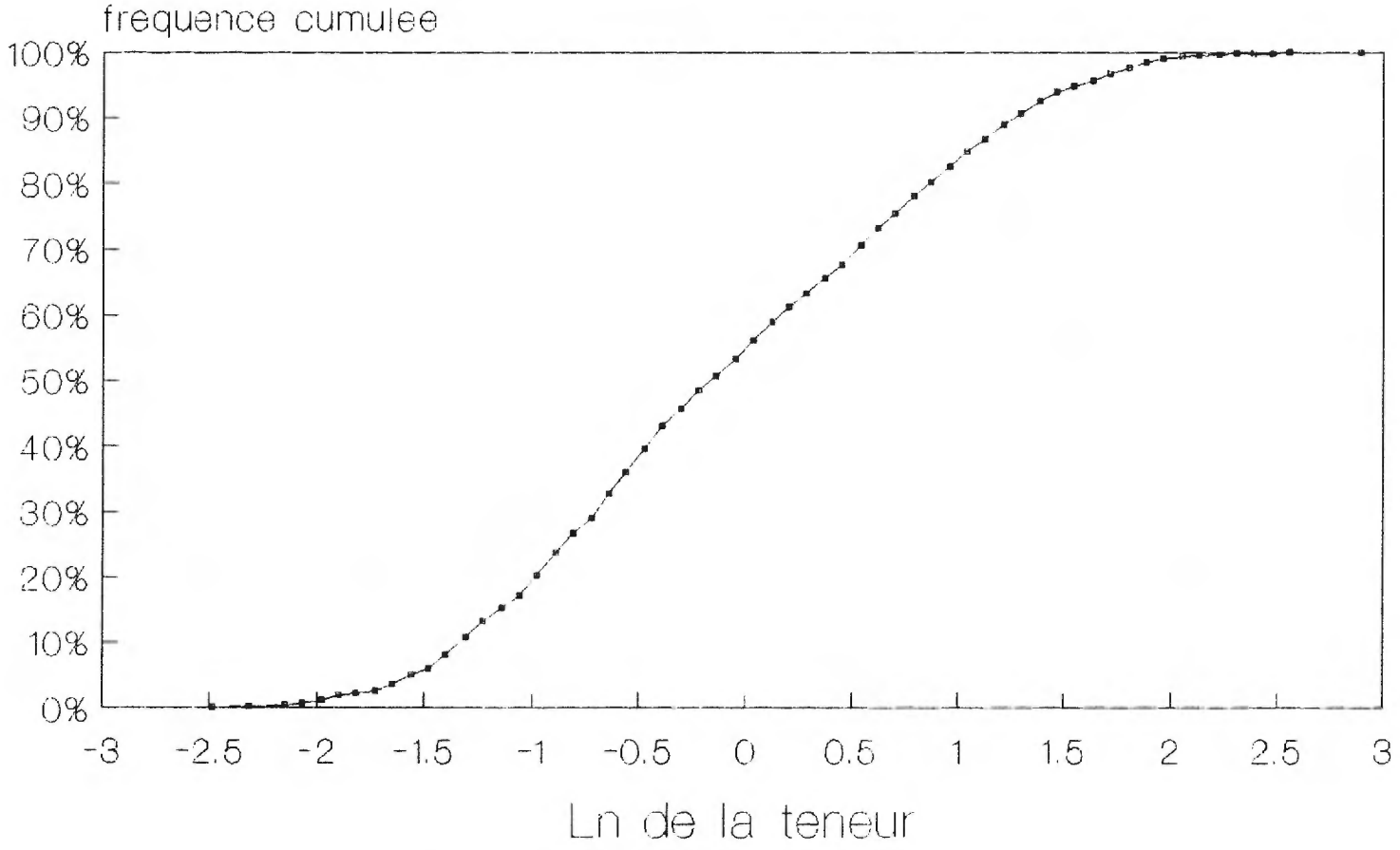
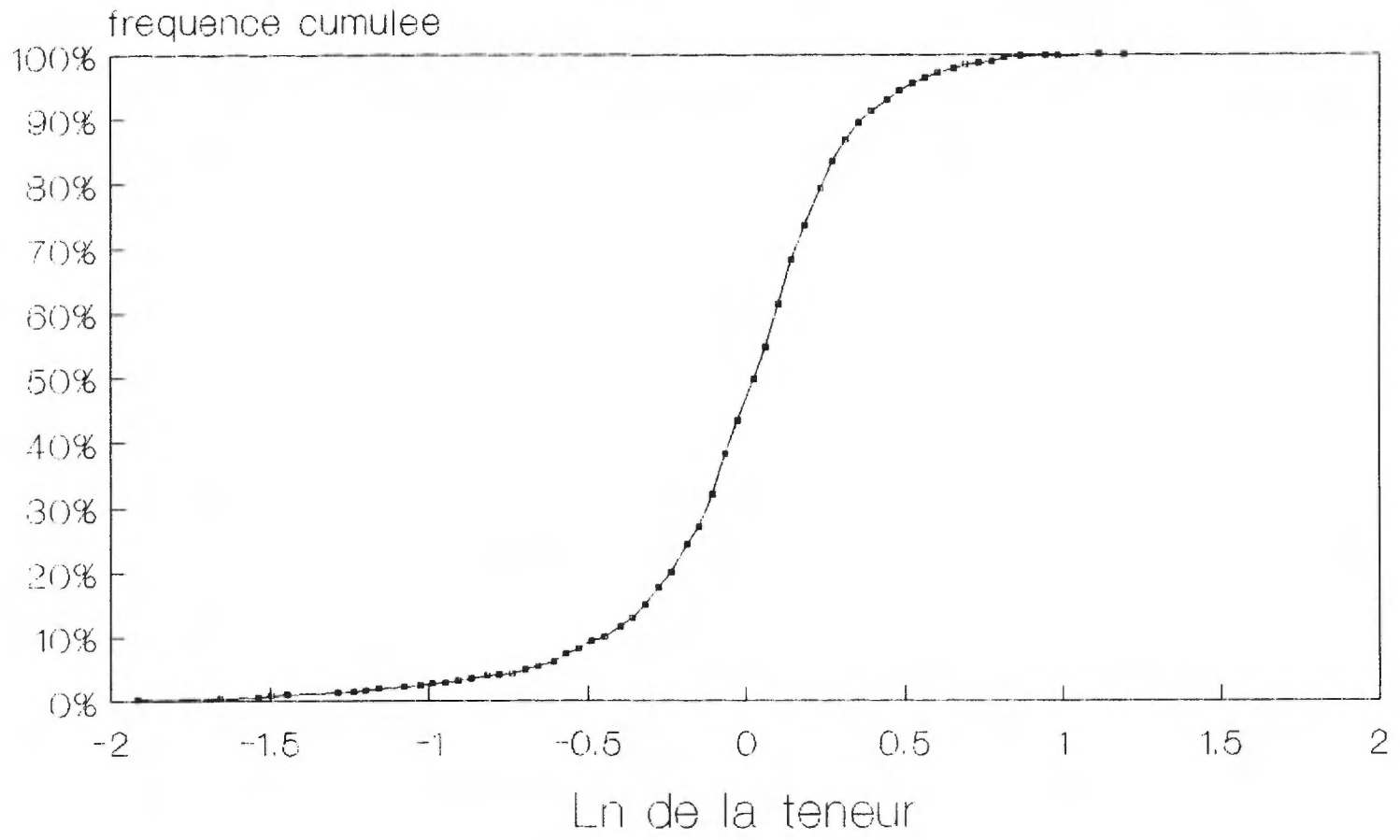
MATAPEDIA
DISTRIBUTION CORRIGEE DU CALCIUM



DOZ INC.

MATAPEDIA
DISTRIBUTION CORRIGEE DU POTASSIUM



DOZ INC.

ANNEXE 2

LISTE DES DONNÉES BRUTES

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2006	52.0	36.1	3.3	4.1	10.0	2283.0	1.0
	3.1	0.5	0.3	15.0	20.0	78.0	0.5
	18.0	24.0	0.3	0.5	814.0	11.0	269.0
	10.0	0.3	2.5	20.0	16.0	5.0	2000.0
	58.0	56.0	8.0	2.5	30.0	10.0	154.0
	0.5	62.0	152.0				
46264-2007	0.5	26.9	1.7	4.0	8.7	1303.0	0.8
	1.4	0.7	0.8	12.0	20.0	70.0	2.0
	15.0	41.0	0.3	0.5	527.0	32.0	183.0
	20.0	0.3	2.5	18.0	5.0	5.0	702.0
	44.0	33.0	2.0	2.5	17.0	10.0	98.0
	0.5	45.0	144.0				
46264-2008	0.5	33.7	0.4	3.1	2.9	397.0	0.7
	6.2	0.6	0.7	11.0	11.0	40.0	2.0
	9.0	24.0	0.3	0.5	235.0	14.0	78.0
	21.0	0.3	2.5	1.0	5.0	5.0	929.0
	2.5	17.0	2.0	2.5	9.0	10.0	251.0
	0.5	16.0	48.0				
46264-2009	0.5	33.9	1.1	3.9	5.3	781.0	0.7
	0.6	0.9	1.0	8.0	13.0	67.0	0.5
	12.0	33.0	0.3	0.5	453.0	40.0	107.0
	31.0	0.3	2.5	15.0	5.0	5.0	620.0
	54.0	30.0	3.0	2.5	10.0	10.0	84.0
	3.0	24.0	114.0				
46264-2045	0.5	34.8	0.4	4.1	2.5	624.0	0.6
	0.3	1.0	1.0	7.0	10.0	79.0	0.5
	14.0	37.0	0.3	0.5	464.0	42.0	58.0
	26.0	0.3	2.5	12.0	5.0	5.0	261.0
	47.0	25.0	0.5	2.5	6.0	10.0	73.0
	4.0	14.0	117.0				
46264-2061	0.5	42.4	2.0	3.7	6.2	1056.0	0.7
	0.9	0.8	0.8	5.0	15.0	62.0	7.0
	13.0	29.0	0.3	1.0	482.0	25.0	145.0
	2.5	0.3	2.5	16.0	5.0	5.0	190.0
	39.0	31.0	4.0	2.5	13.0	36.0	75.0
	0.5	27.0	138.0				
46264-2071	0.5	34.3	2.4	3.5	10.0	3034.0	1.0
	1.4	0.5	0.5	9.0	17.0	90.0	6.0
	19.0	27.0	0.3	3.0	1022.0	15.0	133.0
	2.5	0.3	2.5	17.0	5.0	5.0	131.0
	52.0	55.0	0.5	2.5	28.0	36.0	77.0
	5.0	70.0	173.0				
46264-2072	0.5	32.6	0.5	4.0	2.6	310.0	0.6
	0.5	1.0	1.1	8.0	7.0	49.0	3.0
	10.0	34.0	0.3	0.5	454.0	31.0	61.0
	2.5	0.3	2.5	12.0	5.0	5.0	266.0
	43.0	26.0	4.0	2.5	7.0	10.0	79.0
	0.5	15.0	151.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2073	0.5	33.7	0.4	6.3	3.9	495.0	1.2
	0.2	0.9	1.8	17.0	14.0	77.0	3.0
	17.0	61.0	0.3	1.0	256.0	48.0	102.0
	2.5	0.3	2.5	17.0	5.0	5.0	345.0
	66.0	35.0	6.0	2.5	12.0	10.0	63.0
	1.0	17.0	132.0				
46264-2074	0.5	36.5	0.6	3.4	2.6	371.0	0.5
	0.5	0.9	0.9	5.0	8.0	55.0	3.0
	9.0	28.0	0.3	0.5	508.0	31.0	54.0
	2.5	0.3	2.5	11.0	5.0	5.0	241.0
	41.0	25.0	4.0	2.5	6.0	10.0	79.0
	0.5	15.0	116.0				
46264-2075	0.5	48.4	3.3	2.5	10.0	4073.0	0.8
	0.7	0.3	0.4	3.0	20.0	117.0	8.0
	29.0	26.0	0.3	3.0	1332.0	12.0	179.0
	2.5	0.3	2.5	14.0	5.0	5.0	114.0
	81.0	82.0	0.5	2.5	31.0	33.0	35.0
	8.0	63.0	222.0				
46264-2076	0.5	29.6	0.9	3.5	3.1	485.0	0.6
	0.3	0.8	1.0	5.0	9.0	51.0	2.0
	10.0	32.0	0.3	0.5	540.0	29.0	67.0
	2.5	0.3	2.5	13.0	5.0	5.0	234.0
	38.0	24.0	5.0	2.5	7.0	10.0	64.0
	6.0	16.0	129.0				
46264-2077	0.5	34.3	1.4	3.3	5.6	1279.0	0.7
	0.5	0.8	0.8	4.0	16.0	63.0	2.0
	12.0	27.0	0.3	1.0	682.0	24.0	84.0
	2.5	0.3	2.5	14.0	5.0	5.0	208.0
	44.0	31.0	5.0	2.5	12.0	10.0	66.0
	0.5	29.0	178.0				
46264-2078	0.5	35.0	1.7	4.0	10.0	4981.0	1.4
	1.7	0.3	0.3	3.0	11.0	112.0	5.0
	30.0	21.0	0.3	3.0	1487.0	10.0	88.0
	2.5	0.3	2.5	12.0	5.0	5.0	90.0
	81.0	76.0	0.5	2.5	42.0	10.0	51.0
	0.5	122.0	223.0				
46264-2079	0.5	44.1	0.7	3.2	2.4	437.0	0.5
	0.5	0.8	0.9	3.0	7.0	52.0	2.0
	10.0	23.0	0.3	1.0	405.0	23.0	45.0
	2.5	0.3	2.5	12.0	5.0	5.0	247.0
	31.0	19.0	4.0	2.5	6.0	10.0	82.0
	3.0	15.0	115.0				
46264-2081	0.5	39.5	1.3	3.4	4.7	1016.0	0.6
	0.5	0.6	1.0	7.0	15.0	45.0	8.0
	13.0	28.0	0.3	2.0	405.0	25.0	89.0
	2.5	0.3	2.5	12.0	5.0	5.0	287.0
	35.0	25.0	8.0	2.5	10.0	10.0	68.0
	0.5	21.0	142.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2082	0.5	36.1	1.6	3.4	7.4	1519.0	0.7
	0.9	0.7	0.8	4.0	13.0	62.0	4.0
	13.0	28.0	0.3	0.5	572.0	20.0	128.0
	2.5	0.3	2.5	16.0	5.0	5.0	206.0
	40.0	34.0	0.5	2.5	15.0	10.0	83.0
	0.5	37.0	115.0				
46264-2084	0.5	43.5	4.1	3.1	10.0	5269.0	1.1
	1.2	0.2	0.2	2.0	23.0	115.0	7.0
	22.0	19.0	0.3	3.0	1442.0	9.0	222.0
	2.5	0.3	2.5	17.0	5.0	5.0	74.0
	66.0	77.0	0.5	2.5	40.0	70.0	35.0
	0.5	106.0	360.0				
46264-2085	0.5	35.1	2.3	3.1	10.0	2584.0	0.8
	1.1	0.4	0.5	6.0	13.0	87.0	6.0
	20.0	25.0	0.3	1.0	837.0	14.0	162.0
	2.5	0.3	2.5	17.0	5.0	5.0	148.0
	64.0	62.0	0.5	2.5	23.0	38.0	67.0
	0.5	51.0	221.0				
46264-2086	0.5	37.7	1.5	3.8	7.3	1482.0	0.7
	1.0	0.7	0.8	6.0	16.0	67.0	3.0
	14.0	31.0	0.3	2.0	528.0	20.0	135.0
	2.5	0.3	2.5	17.0	5.0	5.0	217.0
	49.0	37.0	5.0	2.5	15.0	29.0	85.0
	0.5	33.0	160.0				
46264-2087	0.5	39.4	1.7	3.2	10.0	2683.0	1.0
	1.3	0.5	0.5	3.0	14.0	74.0	4.0
	17.0	18.0	0.3	2.0	798.0	14.0	88.0
	2.5	0.3	2.5	15.0	5.0	5.0	168.0
	51.0	44.0	0.5	2.5	24.0	32.0	77.0
	0.5	62.0	166.0				
46264-2096	0.5	45.9	1.7	4.6	10.0	1635.0	1.1
	3.5	0.6	0.6	13.0	18.0	72.0	5.0
	23.0	33.0	0.3	1.0	663.0	18.0	290.0
	2.5	0.3	2.5	18.0	5.0	5.0	2000.0
	24.0	44.0	4.0	2.5	25.0	10.0	235.0
	0.5	43.0	114.0				
46264-2097	0.5	26.3	0.6	5.4	4.3	766.0	1.3
	1.8	0.9	1.6	21.0	14.0	86.0	3.0
	16.0	38.0	0.3	0.5	293.0	42.0	115.0
	2.5	0.3	2.5	17.0	5.0	5.0	1454.0
	47.0	33.0	8.0	2.5	12.0	10.0	123.0
	0.5	21.0	110.0				
46264-2098	38.0	38.1	2.1	4.2	10.0	3088.0	1.1
	3.1	0.4	0.3	12.0	19.0	92.0	4.0
	25.0	26.0	0.3	2.0	1130.0	12.0	276.0
	2.5	0.3	2.5	17.0	5.0	5.0	2000.0
	30.0	61.0	0.5	2.5	35.0	10.0	148.0
	0.5	80.0	147.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2100	0.5 3.8 21.0 2.5 28.0 0.5	42.2 0.5 28.0 0.3 54.0 77.0	2.3 0.4 0.3 2.5 5.0 187.0	4.9 13.0 2.0 18.0 2.5	10.0 24.0 690.0 5.0 34.0	2518.0 79.0 15.0 5.0 50.0	1.3 10.0 316.0 2000.0 168.0
46264-2101	0.5 2.7 19.0 2.5 39.0 0.5	49.9 0.3 26.0 0.3 78.0 92.0	3.4 0.2 0.3 6.0 0.5 197.0	3.9 11.0 3.0 21.0 2.5	10.0 27.0 1259.0 5.0 37.0	3528.0 100.0 10.0 5.0 10.0	1.0 9.0 404.0 2000.0 156.0
46264-2102	0.5 3.7 19.0 2.5 21.0 0.5	47.1 0.8 35.0 0.3 32.0 29.0	0.8 0.8 0.3 2.5 7.0 72.0	5.0 18.0 1.0 14.0 2.5	6.1 13.0 267.0 5.0 21.0	1075.0 67.0 22.0 5.0 10.0	1.2 5.0 203.0 2000.0 198.0
46264-2103	0.5 0.8 16.0 2.5 52.0 0.5	33.8 0.8 39.0 0.3 30.0 16.0	0.4 1.7 0.3 2.5 7.0 87.0	5.4 19.0 0.5 16.0 2.5	3.5 14.0 215.0 5.0 10.0	1297.0 96.0 49.0 5.0 10.0	1.1 3.0 91.0 1085.0 87.0
46264-2108	0.5 2.9 17.0 2.5 29.0 0.5	31.6 0.9 26.0 0.3 35.0 36.0	1.5 0.7 0.3 2.5 10.0 161.0	4.6 14.0 2.0 15.0 2.5	7.4 15.0 469.0 5.0 22.0	1260.0 66.0 18.0 5.0 30.0	1.1 4.0 202.0 2000.0 157.0
46264-2109	0.5 3.4 23.0 2.5 29.0 0.5	33.8 0.6 31.0 0.3 48.0 50.0	2.0 0.5 0.3 2.5 0.5 120.0	4.5 14.0 2.0 20.0 2.5	10.0 17.0 926.0 5.0 26.0	1820.0 70.0 14.0 5.0 35.0	1.1 3.0 302.0 4.5 317.0
46264-2110	0.5 4.3 21.0 2.5 24.0 0.5	32.5 0.5 26.0 0.3 52.0 74.0	1.9 0.3 0.3 2.5 0.5 174.0	5.0 9.0 1.0 17.0 2.5	10.0 13.0 1304.0 5.0 36.0	2542.0 84.0 10.0 5.0 29.0	1.3 4.0 294.0 630.0 152.0
46264-2111	0.5 3.8 23.0 2.5 35.0 0.5	35.1 0.5 28.0 0.3 57.0 71.0	1.8 0.3 0.3 2.5 0.5 191.0	4.5 8.0 2.0 15.0 2.5	10.0 10.0 1447.0 5.0 35.0	2659.0 83.0 9.0 5.0 10.0	1.2 6.0 217.0 738.0 134.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2112	0.5	35.7	1.8	5.1	10.0	2452.0	1.3
	4.3	0.6	0.3	6.0	17.0	76.0	4.0
	19.0	26.0	0.3	1.0	1118.0	11.0	215.0
	2.5	0.3	2.5	15.0	5.0	5.0	119.0
	25.0	48.0	0.5	2.5	34.0	27.0	149.0
	0.5	69.0	165.0				
46264-2142	0.5	28.9	0.4	3.1	2.3	500.0	0.6
	1.0	0.7	0.9	9.0	8.0	34.0	0.5
	8.0	27.0	0.3	0.5	521.0	32.0	52.0
	14.0	0.3	2.5	12.0	5.0	5.0	250.0
	36.0	18.0	5.0	2.5	3.0	10.0	80.0
	0.5	12.0	87.0				
46264-2143	0.5	33.7	0.3	3.6	2.4	500.0	0.8
	2.9	0.8	1.1	11.0	7.0	38.0	0.5
	8.0	29.0	0.3	0.5	315.0	26.0	57.0
	7.0	0.3	2.5	12.0	5.0	5.0	342.0
	32.0	20.0	7.0	2.5	5.0	10.0	152.0
	4.0	15.0	76.0				
46264-2144	0.5	34.4	0.3	3.6	2.3	500.0	0.7
	1.6	0.7	1.1	10.0	6.0	43.0	0.5
	7.0	28.0	0.3	0.5	276.0	38.0	54.0
	2.5	0.3	2.5	13.0	5.0	5.0	270.0
	37.0	19.0	6.0	2.5	4.0	10.0	107.0
	0.5	12.0	62.0				
46264-2145	0.5	36.7	0.4	3.8	2.6	500.0	0.7
	0.3	0.8	1.0	10.0	6.0	55.0	0.5
	10.0	37.0	0.3	0.5	541.0	55.0	60.0
	14.0	0.3	2.5	14.0	5.0	5.0	208.0
	60.0	23.0	4.0	2.5	4.0	10.0	58.0
	3.0	13.0	99.0				
46264-2146	0.5	22.1	0.3	4.0	2.4	1000.0	0.8
	0.3	0.5	1.2	10.0	9.0	71.0	0.5
	9.0	36.0	0.3	0.5	224.0	50.0	66.0
	2.5	0.3	2.5	14.0	5.0	5.0	247.0
	41.0	19.0	5.0	2.5	4.0	10.0	84.0
	0.5	13.0	73.0				
46264-2147	0.5	30.6	0.5	3.5	2.9	500.0	0.7
	0.8	0.9	0.9	7.0	3.0	41.0	0.5
	11.0	33.0	0.3	0.5	738.0	20.0	80.0
	2.5	0.3	2.5	15.0	5.0	5.0	200.0
	55.0	23.0	4.0	2.5	6.0	10.0	66.0
	0.5	17.0	171.0				
46264-2149	0.5	33.9	0.3	4.0	3.1	1000.0	0.8
	0.5	0.8	1.0	10.0	42.0	48.0	0.5
	15.0	41.0	0.3	0.5	284.0	31.0	74.0
	6.0	0.3	2.5	16.0	5.0	5.0	232.0
	50.0	18.0	5.0	2.5	6.0	10.0	62.0
	0.5	18.0	90.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2150	0.5	40.3	1.3	3.2	6.5	1000.0	0.8
	1.1	0.6	0.6	4.0	4.0	53.0	0.5
	12.0	24.0	0.3	0.5	743.0	20.0	80.0
	5.0	0.3	7.0	19.0	5.0	5.0	159.0
	65.0	24.0	5.0	2.5	13.0	10.0	77.0
	0.5	37.0	165.0				
46264-2151	0.5	36.7	0.3	2.6	1.9	500.0	0.4
	0.3	0.6	0.6	5.0	4.0	37.0	0.5
	7.0	26.0	0.3	0.5	383.0	32.0	45.0
	12.0	0.3	2.5	9.0	5.0	5.0	142.0
	31.0	13.0	3.0	2.5	2.0	10.0	42.0
	0.5	10.0	76.0				
46264-2152	0.5	27.1	0.4	3.3	2.9	500.0	0.6
	0.9	0.9	0.7	7.0	1.0	38.0	0.5
	10.0	29.0	0.3	0.5	652.0	21.0	81.0
	12.0	0.3	2.5	14.0	5.0	5.0	170.0
	43.0	18.0	4.0	2.5	5.0	10.0	67.0
	0.5	15.0	119.0				
46264-2153	0.5	35.6	1.0	3.3	4.0	1000.0	0.6
	0.7	0.8	0.8	4.0	3.0	42.0	2.0
	8.0	25.0	0.3	0.5	606.0	24.0	66.0
	2.5	0.3	2.5	15.0	5.0	5.0	208.0
	46.0	19.0	3.0	2.5	7.0	10.0	78.0
	0.5	23.0	173.0				
46264-2154	0.5	33.4	0.4	3.1	2.9	500.0	0.6
	1.2	0.7	0.7	8.0	1.0	36.0	2.0
	9.0	24.0	0.3	0.5	639.0	20.0	82.0
	9.0	0.3	2.5	14.0	5.0	5.0	209.0
	24.0	11.0	3.0	2.5	6.0	10.0	92.0
	0.5	13.0	59.0				
46264-2155	0.5	38.5	0.4	4.2	2.8	500.0	0.8
	0.2	0.9	1.2	10.0	7.0	52.0	0.5
	12.0	44.0	0.3	1.0	538.0	29.0	69.0
	7.0	0.3	2.5	14.0	5.0	5.0	255.0
	62.0	26.0	5.0	2.5	6.0	10.0	54.0
	0.5	17.0	166.0				
46264-2156	0.5	42.2	0.3	4.3	3.1	500.0	0.8
	0.5	1.0	1.2	9.0	7.0	45.0	0.5
	12.0	38.0	0.3	0.5	333.0	27.0	73.0
	19.0	0.3	2.5	15.0	5.0	5.0	259.0
	46.0	19.0	5.0	2.5	6.0	10.0	68.0
	0.5	15.0	111.0				
46264-2157	0.5	44.5	0.6	3.7	3.4	500.0	0.7
	1.3	0.9	0.8	7.0	3.0	43.0	0.5
	10.0	27.0	0.3	0.5	464.0	25.0	81.0
	2.5	0.3	2.5	17.0	5.0	5.0	229.0
	34.0	14.0	4.0	2.5	8.0	10.0	97.0
	3.0	18.0	97.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2162	0.5	34.3	0.3	4.0	2.5	500.0	0.7
	0.4	1.0	1.0	6.0	5.0	63.0	0.5
	10.0	37.0	0.3	0.5	382.0	44.0	59.0
	22.0	0.3	2.5	14.0	5.0	5.0	229.0
	41.0	17.0	4.0	2.5	4.0	10.0	64.0
	1.0	13.0	93.0				
46264-2163	0.5	27.7	0.4	3.4	2.0	500.0	0.5
	0.3	1.0	0.9	5.0	5.0	58.0	0.5
	9.0	33.0	0.3	0.5	959.0	38.0	47.0
	5.0	0.3	2.5	13.0	5.0	5.0	204.0
	61.0	26.0	3.0	2.5	3.0	10.0	60.0
	0.5	15.0	163.0				
46264-2164	0.5	40.2	1.8	4.3	10.0	2000.0	1.2
	3.2	0.6	0.5	12.0	2.0	85.0	0.5
	20.0	33.0	0.3	0.5	935.0	14.0	223.0
	18.0	0.3	11.0	24.0	5.0	5.0	2000.0
	38.0	15.0	4.0	2.5	25.0	10.0	146.0
	0.5	49.0	147.0				
46264-2165	0.5	25.2	0.3	3.4	1.9	500.0	0.5
	0.2	1.0	0.9	5.0	1.0	60.0	0.5
	7.0	30.0	0.3	0.5	507.0	43.0	44.0
	8.0	0.3	2.5	11.0	5.0	5.0	210.0
	38.0	17.0	3.0	2.5	3.0	10.0	58.0
	2.0	12.0	109.0				
46264-2166	0.5	32.4	0.6	2.9	2.4	500.0	0.5
	0.4	0.7	0.7	5.0	4.0	61.0	3.0
	9.0	32.0	0.3	0.5	1760.0	38.0	65.0
	9.0	0.3	2.5	14.0	5.0	5.0	168.0
	63.0	28.0	4.0	2.5	5.0	10.0	54.0
	0.5	18.0	306.0				
46264-2167	0.5	30.9	0.4	5.2	3.5	1000.0	1.0
	0.3	1.1	1.3	11.0	15.0	82.0	0.5
	21.0	53.0	0.3	0.5	241.0	61.0	78.0
	2.5	0.3	2.5	17.0	5.0	5.0	313.0
	64.0	22.0	5.0	2.5	7.0	10.0	67.0
	0.5	16.0	109.0				
46264-2168	0.5	26.3	0.4	5.1	3.2	1000.0	0.9
	0.3	0.9	1.3	10.0	8.0	97.0	0.5
	14.0	56.0	0.3	0.5	270.0	86.0	75.0
	9.0	0.3	2.5	18.0	5.0	5.0	283.0
	54.0	23.0	5.0	2.5	7.0	10.0	69.0
	0.5	17.0	97.0				
46264-2169	0.5	25.7	0.4	4.8	3.4	500.0	0.9
	0.4	1.0	1.2	10.0	11.0	105.0	0.5
	13.0	51.0	0.3	0.0	498.0	75.0	78.0
	2.5	0.3	2.5	17.0	5.0	5.0	258.0
	52.0	21.0	5.0	2.5	7.0	10.0	71.0
	1.0	17.0	117.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2170	0.5	33.0	0.3	4.9	3.3	1000.0	0.9
	0.3	0.8	1.3	12.0	11.0	92.0	0.5
	17.0	52.0	0.3	0.5	331.0	63.0	75.0
	6.0	0.3	2.5	17.0	5.0	5.0	281.0
	58.0	22.0	5.0	2.5	7.0	10.0	61.0
	0.5	15.0	99.0				
46264-2171	0.5	19.5	0.3	3.6	2.6	500.0	0.6
	0.3	0.7	1.0	9.0	9.0	65.0	0.5
	11.0	39.0	0.3	0.5	524.0	46.0	59.0
	2.5	0.3	2.5	13.0	5.0	5.0	224.0
	45.0	19.0	4.0	2.5	5.0	10.0	52.0
	0.5	14.0	96.0				
46264-2172	0.5	23.1	0.4	4.1	3.3	500.0	0.8
	0.5	0.8	1.0	13.0	7.0	70.0	0.5
	12.0	48.0	0.3	0.5	543.0	36.0	79.0
	2.5	0.3	2.5	16.0	5.0	5.0	227.0
	50.0	23.0	5.0	2.5	8.0	10.0	66.0
	0.5	18.0	135.0				
46264-2173	0.5	23.6	0.4	5.1	3.6	1000.0	0.9
	0.3	1.0	1.3	10.0	13.0	124.0	0.5
	15.0	54.0	0.3	0.5	316.0	93.0	80.0
	11.0	0.3	5.0	16.0	5.0	5.0	283.0
	54.0	21.0	5.0	2.5	7.0	10.0	68.0
	0.5	16.0	111.0				
46264-2174	4.0	25.8	0.8	3.6	4.5	1000.0	0.7
	0.9	0.7	0.8	8.0	7.0	54.0	0.5
	14.0	36.0	0.3	0.5	724.0	57.0	100.0
	2.5	0.3	2.5	17.0	5.0	5.0	191.0
	53.0	21.0	3.0	2.5	8.0	10.0	64.0
	0.5	19.0	162.0				
46264-2175	0.5	21.5	0.4	4.3	2.9	500.0	0.8
	0.3	0.9	1.1	8.0	6.0	107.0	0.5
	12.0	46.0	0.3	0.5	888.0	71.0	65.0
	10.0	0.3	2.5	16.0	5.0	5.0	243.0
	54.0	22.0	4.0	2.5	6.0	10.0	62.0
	0.5	16.0	157.0				
46264-2176	0.5	34.6	1.5	4.9	10.0	2000.0	1.2
	3.8	0.8	0.5	16.0	165.0	71.0	0.5
	18.0	31.0	0.3	0.5	1003.0	13.0	207.0
	2.5	0.3	6.0	18.0	5.0	5.0	648.0
	23.0	16.0	0.5	2.5	25.0	10.0	158.0
	0.5	49.0	82.0				
46264-2178	0.5	43.7	0.4	3.6	3.3	530.0	0.8
	1.8	0.8	0.7	8.0	9.0	40.0	2.0
	11.0	25.0	0.3	0.5	337.0	20.0	99.0
	8.0	0.3	2.5	13.0	5.0	5.0	191.0
	26.0	16.0	0.5	2.5	12.0	10.0	102.0
	0.5	16.0	55.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2179	0.5	36.0	0.6	3.9	4.3	564.0	0.7
	1.6	0.8	0.8	11.0	11.0	47.0	0.5
	12.0	30.0	0.5	0.5	471.0	20.0	114.0
	19.0	0.3	2.5	15.0	5.0	5.0	222.0
	35.0	22.0	0.5	2.5	12.0	10.0	104.0
	2.0	19.0	101.0				
46264-2180	0.5	29.8	0.3	3.3	2.2	306.0	0.5
	1.1	1.0	0.7	6.0	7.0	41.0	2.0
	7.0	19.0	0.6	0.5	477.0	18.0	65.0
	2.5	0.3	2.5	11.0	5.0	5.0	271.0
	28.0	16.0	0.5	2.5	7.0	10.0	93.0
	0.5	13.0	84.0				
46264-2181	0.5	42.8	1.1	4.1	5.9	1090.0	1.0
	3.0	0.6	0.5	8.0	8.0	52.0	1.0
	14.0	27.0	0.3	0.5	752.0	15.0	147.0
	26.0	0.3	2.5	14.0	5.0	5.0	140.0
	32.0	26.0	5.0	2.5	21.0	10.0	123.0
	5.0	33.0	130.0				
46264-2182	0.5	33.7	0.8	3.1	4.3	819.0	0.8
	1.9	0.6	0.5	6.0	9.0	43.0	2.0
	11.0	22.0	0.3	0.5	753.0	12.0	93.0
	2.5	0.3	2.5	14.0	5.0	5.0	140.0
	39.0	24.0	2.0	2.5	15.0	10.0	96.0
	3.0	29.0	140.0				
46264-2183	0.5	31.8	0.7	3.9	4.4	638.0	0.8
	2.9	0.7	0.5	7.0	16.0	43.0	4.0
	12.0	24.0	0.3	0.5	511.0	11.0	157.0
	19.0	0.3	2.5	14.0	5.0	5.0	247.0
	30.0	22.0	0.5	2.5	15.0	10.0	123.0
	6.0	22.0	89.0				
46264-2184	0.5	28.4	0.3	3.6	2.5	287.0	0.6
	0.4	0.9	1.0	10.0	9.0	40.0	1.0
	10.0	31.0	0.3	0.5	496.0	21.0	66.0
	13.0	0.3	2.5	11.0	5.0	5.0	235.0
	42.0	21.0	0.5	2.5	7.0	10.0	57.0
	0.5	13.0	117.0				
46264-2185	0.5	29.1	0.4	3.6	3.1	387.0	0.7
	1.2	0.9	0.7	8.0	8.0	51.0	2.0
	11.0	28.0	0.3	0.5	483.0	20.0	89.0
	2.5	0.3	2.5	12.0	5.0	5.0	188.0
	33.0	19.0	0.5	2.5	10.0	10.0	84.0
	0.5	17.0	95.0				
46264-2186	0.5	31.0	0.4	3.4	2.4	504.0	0.5
	0.4	0.9	0.9	7.0	11.0	63.0	0.5
	8.0	26.0	0.3	0.5	535.0	25.0	55.0
	11.0	0.3	2.5	10.0	5.0	5.0	223.0
	41.0	23.0	0.5	2.5	6.0	10.0	70.0
	0.5	13.0	133.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2187	0.5	40.0	1.7	3.7	6.8	1502.0	0.9
	2.4	0.6	0.5	5.0	11.0	57.0	1.0
	13.0	23.0	0.3	0.5	1309.0	13.0	143.0
	2.5	0.3	2.5	17.0	5.0	5.0	134.0
	54.0	34.0	12.0	2.5	22.0	10.0	102.0
	0.5	49.0	208.0				
46264-2188	0.5	29.0	0.2	3.0	1.8	162.0	0.4
	0.3	0.9	0.8	7.0	4.0	47.0	1.0
	8.0	33.0	0.3	0.5	511.0	27.0	42.0
	11.0	0.3	2.5	8.0	5.0	5.0	186.0
	31.0	17.0	0.5	2.5	4.0	10.0	56.0
	2.0	11.0	93.0				
46264-2189	0.5	29.3	0.3	3.9	2.4	397.0	0.6
	0.3	1.0	1.0	7.0	7.0	58.0	0.5
	12.0	35.0	0.3	0.5	549.0	35.0	59.0
	16.0	0.3	2.5	10.0	5.0	5.0	238.0
	46.0	24.0	0.5	2.5	6.0	10.0	61.0
	0.5	14.0	136.0				
46264-2190	0.5	26.2	0.2	3.2	1.6	119.0	0.5
	0.3	0.9	0.8	5.0	5.0	34.0	1.0
	7.0	25.0	0.3	0.5	512.0	22.0	45.0
	6.0	0.3	2.5	9.0	5.0	5.0	199.0
	35.0	18.0	0.5	2.5	5.0	10.0	57.0
	4.0	11.0	91.0				
46264-2191	0.5	27.2	0.3	3.6	2.3	320.0	0.6
	0.3	1.0	0.9	6.0	7.0	52.0	0.5
	11.0	32.0	0.3	0.5	651.0	31.0	58.0
	2.5	0.3	2.5	10.0	5.0	5.0	227.0
	49.0	25.0	0.5	2.5	6.0	10.0	59.0
	0.5	14.0	154.0				
46264-2192	0.5	22.1	0.3	4.0	2.7	652.0	0.7
	0.3	1.0	1.0	12.0	12.0	64.0	5.0
	12.0	41.0	0.3	0.5	489.0	30.0	64.0
	18.0	0.3	2.5	10.0	5.0	5.0	261.0
	47.0	25.0	0.5	2.5	8.0	10.0	61.0
	0.5	16.0	107.0				
46264-2193	0.5	20.1	1.6	3.1	6.3	1291.0	0.7
	1.3	0.6	0.5	5.0	9.0	61.0	3.0
	11.0	24.0	0.3	0.5	2065.0	15.0	101.0
	2.5	0.3	2.5	15.0	5.0	5.0	151.0
	86.0	48.0	6.0	2.5	16.0	24.0	76.0
	0.5	41.0	442.0				
46264-2194	0.5	26.0	0.9	3.4	4.4	605.0	0.7
	1.3	0.8	0.7	7.0	12.0	48.0	2.0
	12.0	28.0	0.3	0.5	990.0	14.0	112.0
	2.5	0.3	2.5	14.0	5.0	5.0	165.0
	59.0	33.0	0.5	2.5	12.0	10.0	84.0
	0.5	26.0	217.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2195	0.5	39.5	0.4	3.2	2.5	291.0	0.6
	0.5	0.8	0.8	9.0	7.0	42.0	1.0
	9.0	29.0	0.3	0.5	444.0	16.0	64.0
	15.0	0.3	2.5	10.0	5.0	5.0	205.0
	40.0	21.0	0.5	2.5	7.0	10.0	59.0
	0.5	13.0	110.0				
46264-2196	0.5	38.2	1.1	3.3	5.0	1018.0	0.7
	1.8	0.6	0.5	5.0	12.0	46.0	2.0
	11.0	21.0	0.3	1.0	908.0	14.0	111.0
	14.0	0.3	2.5	15.0	5.0	5.0	170.0
	44.0	26.0	6.0	2.5	15.0	10.0	91.0
	0.5	32.0	195.0				
46264-2197	0.5	40.4	1.5	3.5	7.3	1258.0	0.8
	2.5	0.5	0.4	5.0	12.0	51.0	0.5
	12.0	21.0	0.3	0.5	839.0	11.0	166.0
	5.0	0.3	2.5	16.0	5.0	5.0	120.0
	43.0	31.0	8.0	2.5	20.0	10.0	108.0
	0.5	40.0	134.0				
46264-2198	0.5	36.0	1.0	3.0	4.1	734.0	0.6
	1.1	0.7	0.6	5.0	9.0	45.0	0.5
	9.0	20.0	0.3	0.5	1210.0	16.0	88.0
	6.0	0.3	2.5	14.0	5.0	5.0	169.0
	53.0	29.0	2.0	2.5	11.0	10.0	80.0
	4.0	27.0	250.0				
46264-2203	0.5	30.2	0.3	3.9	3.1	460.0	0.8
	0.7	0.8	0.9	13.0	11.0	53.0	3.0
	13.0	41.0	0.3	0.5	385.0	28.0	82.0
	19.0	0.3	2.5	12.0	5.0	5.0	224.0
	41.0	22.0	0.5	2.5	9.0	10.0	64.0
	0.5	15.0	87.0				
46264-2204	0.5	42.5	1.5	3.5	7.4	1293.0	0.8
	2.3	0.5	0.4	5.0	12.0	53.0	0.5
	12.0	21.0	0.3	0.5	1111.0	12.0	139.0
	13.0	0.3	2.5	16.0	5.0	5.0	131.0
	52.0	35.0	5.0	2.5	19.0	10.0	104.0
	2.0	38.0	166.0				
46264-2205	0.5	33.8	0.5	3.0	2.2	303.0	0.4
	0.6	0.8	0.7	5.0	6.0	34.0	0.5
	8.0	21.0	0.3	0.5	731.0	14.0	57.0
	19.0	0.3	2.5	11.0	5.0	5.0	183.0
	41.0	22.0	0.5	2.5	7.0	10.0	71.0
	0.5	16.0	164.0				
46264-2206	0.5	32.0	0.5	4.1	3.9	580.0	0.9
	1.7	0.9	0.7	12.0	12.0	58.0	3.0
	15.0	38.0	0.6	0.5	412.0	21.0	126.0
	2.5	0.3	2.5	15.0	5.0	5.0	192.0
	37.0	22.0	0.5	2.5	13.0	10.0	81.0
	5.0	18.0	92.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2207	0.5	31.2	0.6	3.6	3.5	446.0	0.8
	1.3	0.9	0.7	9.0	8.0	50.0	2.0
	12.0	32.0	0.6	0.5	771.0	19.0	109.0
	2.5	0.3	2.5	15.0	5.0	5.0	173.0
	42.0	23.0	0.5	2.5	11.0	10.0	72.0
	0.5	19.0	139.0				
46264-2208	0.5	34.5	0.4	3.2	2.6	330.0	0.6
	0.8	0.9	0.7	6.0	7.0	40.0	2.0
	9.0	27.0	0.5	0.5	655.0	18.0	75.0
	11.0	0.3	2.5	12.0	5.0	5.0	166.0
	41.0	21.0	0.5	2.5	8.0	10.0	63.0
	0.5	16.0	135.0				
46264-2209	0.5	43.6	1.5	3.3	8.3	1265.0	0.7
	2.1	0.5	0.4	7.0	14.0	59.0	0.5
	14.0	23.0	0.3	0.5	966.0	13.0	160.0
	9.0	0.3	2.5	16.0	5.0	5.0	142.0
	40.0	28.0	3.0	2.5	18.0	10.0	98.0
	0.5	36.0	106.0				
46264-2210	0.5	26.8	0.3	3.4	2.5	290.0	0.6
	0.4	0.8	0.9	11.0	9.0	41.0	0.5
	9.0	34.0	0.3	0.5	427.0	21.0	62.0
	10.0	0.3	2.5	11.0	5.0	5.0	223.0
	40.0	20.0	0.5	2.5	7.0	10.0	64.0
	0.5	14.0	91.0				
46264-2211	0.5	30.1	0.8	3.8	5.1	758.0	0.9
	2.1	0.7	0.6	15.0	17.0	74.0	0.5
	15.0	37.0	0.3	0.5	496.0	24.0	162.0
	19.0	0.3	2.5	16.0	5.0	5.0	163.0
	37.0	24.0	0.5	2.5	15.0	10.0	98.0
	0.5	21.0	83.0				
46264-2219	0.5	23.5	0.3	2.1	1.4	422.0	0.2
	0.2	0.4	0.6	7.0	6.0	75.0	2.0
	5.0	16.0	0.3	0.5	663.0	11.0	41.0
	7.0	0.3	2.5	8.0	5.0	5.0	151.0
	34.0	19.0	0.5	2.5	4.0	10.0	34.0
	3.0	11.0	60.0				
46264-2220	0.5	34.5	0.4	5.2	3.2	944.0	0.9
	0.4	0.8	1.4	17.0	16.0	69.0	6.0
	15.0	60.0	0.3	0.5	221.0	54.0	83.0
	37.0	0.3	2.5	15.0	5.0	5.0	282.0
	57.0	31.0	5.0	2.5	11.0	10.0	75.0
	0.5	18.0	97.0				
46264-2226	0.5	35.3	0.4	3.8	3.1	362.0	0.8
	0.9	0.9	0.9	13.0	7.0	42.0	3.0
	12.0	41.0	0.3	0.5	567.0	18.0	90.0
	14.0	0.3	2.5	15.0	5.0	5.0	202.0
	55.0	30.0	7.0	2.5	10.0	10.0	71.0
	4.0	19.0	196.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2227	0.5	33.5	0.6	3.1	3.1	469.0	0.6
	1.1	0.7	0.7	8.0	7.0	39.0	2.0
	9.0	29.0	0.7	0.5	671.0	16.0	86.0
	19.0	0.3	2.5	15.0	5.0	5.0	179.0
	42.0	22.0	4.0	2.5	9.0	10.0	81.0
	0.5	18.0	121.0				
46264-2228	0.5	30.5	0.8	3.8	4.8	587.0	0.8
	1.5	0.8	0.8	12.0	11.0	44.0	2.0
	13.0	39.0	0.3	0.5	747.0	16.0	131.0
	22.0	0.3	2.5	17.0	5.0	5.0	186.0
	52.0	30.0	5.0	2.5	13.0	10.0	88.0
	3.0	25.0	187.0				
46264-2237	0.5	32.4	0.5	4.3	3.8	454.0	0.9
	1.5	0.8	0.9	15.0	13.0	52.0	1.0
	13.0	47.0	0.5	0.5	348.0	24.0	118.0
	28.0	0.3	2.5	17.0	5.0	5.0	240.0
	41.0	25.0	6.0	2.5	13.0	10.0	90.0
	5.0	18.0	96.0				
46264-2238	0.5	32.2	0.3	3.8	2.3	368.0	0.6
	0.4	1.0	1.0	9.0	8.0	45.0	2.0
	10.0	42.0	0.3	0.5	336.0	30.0	58.0
	10.0	0.3	2.5	12.0	5.0	5.0	242.0
	40.0	21.0	4.0	2.5	6.0	10.0	69.0
	3.0	12.0	76.0				
46264-2239	0.5	36.5	0.5	3.9	3.9	763.0	1.0
	1.7	0.9	0.7	13.0	8.0	49.0	3.0
	15.0	39.0	0.6	0.5	508.0	21.0	126.0
	16.0	0.3	2.5	16.0	5.0	5.0	172.0
	40.0	22.0	5.0	2.5	13.0	10.0	84.0
	0.5	19.0	74.0				
46264-2240	0.5	43.5	0.4	3.3	3.2	449.0	0.6
	1.1	0.8	0.8	9.0	8.0	40.0	3.0
	10.0	33.0	0.7	0.5	349.0	21.0	89.0
	10.0	0.3	2.5	15.0	5.0	5.0	195.0
	32.0	18.0	4.0	2.5	9.0	10.0	82.0
	0.5	14.0	58.0				
46264-2241	0.5	30.9	0.5	4.4	4.0	596.0	1.1
	1.7	1.0	0.9	17.0	14.0	59.0	2.0
	17.0	51.0	0.7	0.5	618.0	22.0	139.0
	12.0	0.3	2.5	17.0	12.0	5.0	195.0
	45.0	25.0	6.0	2.5	14.0	10.0	87.0
	0.5	18.0	92.0				
46264-2242	0.5	27.1	0.4	4.7	3.7	453.0	1.0
	1.0	0.9	1.1	18.0	7.0	51.0	1.0
	16.0	51.0	0.5	0.5	419.0	24.0	108.0
	20.0	0.3	2.5	19.0	5.0	5.0	228.0
	48.0	25.0	5.0	2.5	12.0	10.0	76.0
	0.5	16.0	99.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2243	48.0	29.2	1.9	3.5	8.9	1307.0	0.8
	2.0	0.6	0.5	13.0	19.0	70.0	4.0
	18.0	34.0	0.3	0.5	1888.0	14.0	207.0
	19.0	0.3	2.5	19.0	5.0	5.0	139.0
	66.0	38.0	6.0	2.5	19.0	10.0	91.0
	0.5	38.0	297.0				
46264-2244	0.5	36.8	0.4	4.0	3.1	574.0	0.9
	1.1	0.8	0.9	16.0	13.0	53.0	3.0
	14.0	43.0	0.3	0.5	298.0	27.0	96.0
	12.0	0.3	2.5	13.0	5.0	5.0	197.0
	41.0	20.0	7.0	2.5	11.0	20.0	71.0
	8.0	16.0	78.0				
46264-2246	0.5	39.5	0.6	4.6	4.4	537.0	1.2
	1.9	0.9	0.7	21.0	9.0	61.0	3.0
	19.0	45.0	0.3	0.5	442.0	21.0	162.0
	11.0	0.3	2.5	15.0	5.0	5.0	162.0
	36.0	19.0	7.0	2.5	17.0	10.0	83.0
	7.0	18.0	109.0				
46264-2252	0.5	28.1	0.4	4.3	3.0	973.0	0.7
	0.5	0.7	1.2	14.0	16.0	75.0	1.0
	14.0	41.0	0.3	0.5	192.0	36.0	88.0
	29.0	0.3	2.5	13.0	5.0	5.0	293.0
	42.0	22.0	6.0	2.5	9.0	10.0	102.0
	2.0	15.0	78.0				
46264-2253	0.5	28.4	0.4	4.2	3.2	1501.0	0.7
	0.7	0.7	1.0	14.0	16.0	89.0	1.0
	15.0	43.0	0.3	0.5	237.0	28.0	97.0
	7.0	0.3	2.5	13.0	5.0	5.0	325.0
	45.0	21.0	7.0	2.5	10.0	10.0	102.0
	4.0	15.0	82.0				
46264-2267	0.5	31.2	0.5	2.9	3.0	310.0	0.5
	1.0	0.5	0.6	10.0	7.0	40.0	0.5
	10.0	31.0	0.3	0.5	835.0	17.0	96.0
	9.0	0.3	2.5	11.0	5.0	5.0	197.0
	40.0	21.0	5.0	2.5	9.0	10.0	60.0
	3.0	15.0	166.0				
46264-2268	0.5	29.1	0.3	3.4	2.5	239.0	0.5
	0.4	0.7	0.9	11.0	9.0	37.0	1.0
	10.0	34.0	0.3	0.5	319.0	24.0	68.0
	2.5	0.3	2.5	10.0	5.0	5.0	193.0
	29.0	14.0	4.0	2.5	6.0	10.0	55.0
	0.5	10.0	92.0				
46264-2269	0.5	23.0	0.3	3.6	3.0	739.0	0.6
	0.6	0.6	0.9	12.0	12.0	83.0	1.0
	13.0	36.0	0.3	0.5	312.0	40.0	86.0
	13.0	0.3	2.5	12.0	5.0	5.0	248.0
	39.0	19.0	6.0	2.5	8.0	10.0	57.0
	3.0	14.0	68.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2270	0.5	38.4	0.4	3.2	3.2	658.0	0.7
	1.7	0.7	0.5	12.0	7.0	46.0	2.0
	12.0	26.0	0.9	0.5	365.0	17.0	116.0
	6.0	0.3	2.5	13.0	5.0	5.0	170.0
	30.0	16.0	7.0	2.5	11.0	10.0	72.0
	0.5	15.0	58.0				
46264-2271	0.5	36.6	0.9	5.3	4.6	1464.0	1.1
	1.9	0.9	1.1	20.0	13.0	77.0	5.0
	19.0	49.0	0.3	1.0	346.0	37.0	162.0
	2.5	0.3	2.5	19.0	5.0	5.0	268.0
	54.0	27.0	6.0	2.5	16.0	10.0	97.0
	0.5	22.0	95.0				
46264-2272	0.5	29.6	1.1	5.6	6.4	1254.0	3.1
	3.8	1.1	0.4	26.0	14.0	120.0	0.5
	31.0	59.0	0.3	0.5	197.0	69.0	270.0
	31.0	0.3	2.5	14.0	5.0	5.0	1054.0
	19.0	19.0	6.0	2.5	37.0	10.0	182.0
	1.0	20.0	95.0				
46264-2273	0.5	33.4	0.8	5.7	6.3	1763.0	2.7
	2.3	0.9	0.6	31.0	14.0	116.0	2.0
	32.0	68.0	0.3	2.0	131.0	44.0	220.0
	8.0	0.3	2.5	18.0	5.0	5.0	353.0
	37.0	20.0	8.0	2.5	24.0	10.0	143.0
	0.5	19.0	99.0				
46264-2274	0.5	25.5	0.8	5.1	5.9	1165.0	1.9
	1.8	0.6	1.0	29.0	17.0	121.0	2.0
	23.0	56.0	0.3	0.5	240.0	53.0	202.0
	31.0	0.3	2.5	18.0	5.0	5.0	406.0
	45.0	24.0	9.0	2.5	23.0	10.0	100.0
	0.5	20.0	97.0				
46264-2275	0.5	33.8	1.2	4.1	6.7	1528.0	3.4
	5.8	0.8	0.3	21.0	15.0	129.0	2.0
	30.0	57.0	0.3	0.5	365.0	41.0	344.0
	27.0	0.3	2.5	5.0	5.0	5.0	555.0
	2.5	18.0	4.0	2.5	59.0	10.0	112.0
	0.5	21.0	71.0				
46264-2276	0.5	28.5	1.0	5.6	6.0	1642.0	2.6
	2.6	1.1	0.7	25.0	17.0	123.0	1.0
	30.0	56.0	0.3	0.5	150.0	70.0	237.0
	25.0	0.3	2.5	18.0	5.0	5.0	928.0
	34.0	22.0	6.0	2.5	26.0	10.0	175.0
	3.0	20.0	102.0				
46264-2277	0.5	32.5	1.0	5.4	5.8	1629.0	2.6
	2.6	1.1	0.6	25.0	12.0	105.0	0.5
	29.0	52.0	0.3	1.0	137.0	59.0	226.0
	27.0	0.3	2.5	17.0	5.0	5.0	861.0
	35.0	23.0	6.0	2.5	27.0	10.0	175.0
	0.5	21.0	106.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2278	0.5	37.8	1.0	5.4	6.1	1904.0	2.7
	3.2	1.0	0.6	24.0	24.0	196.0	0.5
	33.0	54.0	0.3	0.5	178.0	58.0	250.0
	19.0	0.3	2.5	16.0	5.0	5.0	772.0
	37.0	23.0	6.0	2.5	31.0	10.0	161.0
	2.0	22.0	106.0				
46264-2279	0.5	30.9	0.6	5.1	4.9	516.0	1.2
	1.3	0.9	1.2	23.0	87.0	69.0	1.0
	18.0	50.0	0.3	0.5	294.0	34.0	152.0
	15.0	0.3	2.5	18.0	5.0	5.0	310.0
	47.0	25.0	7.0	2.5	15.0	10.0	95.0
	6.0	20.0	105.0				
46264-2280	2.0	41.9	0.8	4.0	4.4	705.0	1.7
	2.6	1.0	0.9	14.0	12.0	100.0	2.0
	18.0	40.0	0.3	0.5	632.0	31.0	188.0
	11.0	0.3	2.5	16.0	5.0	5.0	721.0
	36.0	21.0	6.0	2.5	26.0	10.0	124.0
	0.5	19.0	96.0				
46264-2281	0.5	34.6	0.4	3.4	2.5	288.0	0.5
	0.2	0.8	1.4	9.0	12.0	48.0	5.0
	11.0	33.0	0.3	0.5	876.0	27.0	61.0
	11.0	0.3	2.5	10.0	5.0	5.0	255.0
	53.0	24.0	6.0	2.5	6.0	10.0	47.0
	2.0	14.0	123.0				
46264-2282	0.5	36.9	0.9	5.6	4.2	354.0	1.7
	1.7	1.8	0.9	13.0	12.0	112.0	3.0
	17.0	37.0	0.3	0.5	150.0	42.0	149.0
	11.0	0.3	2.5	19.0	5.0	5.0	1036.0
	36.0	21.0	6.0	2.5	18.0	10.0	285.0
	0.5	21.0	128.0				
46264-2283	0.5	37.8	0.9	4.8	5.0	718.0	1.9
	2.4	1.1	0.9	44.0	29.0	111.0	0.5
	21.0	44.0	0.3	0.5	245.0	40.0	206.0
	2.5	0.3	2.5	17.0	5.0	5.0	755.0
	35.0	21.0	5.0	2.5	25.0	10.0	139.0
	0.5	20.0	103.0				
46264-2284	0.5	28.5	1.0	5.4	6.1	1522.0	2.2
	2.3	1.2	0.8	24.0	19.0	111.0	2.0
	33.0	50.0	0.3	0.5	133.0	57.0	235.0
	2.5	0.3	2.5	19.0	5.0	5.0	1219.0
	45.0	24.0	6.0	2.5	23.0	10.0	203.0
	9.0	23.0	124.0				
46264-2286	0.5	24.7	1.0	5.5	5.9	953.0	2.4
	3.3	1.3	0.6	21.0	16.0	113.0	0.5
	26.0	48.0	0.3	0.5	219.0	53.0	254.0
	18.0	0.3	2.5	17.0	5.0	5.0	1358.0
	26.0	20.0	6.0	2.5	31.0	10.0	204.0
	0.5	22.0	108.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2287	0.5	30.1	1.0	5.4	5.8	1075.0	2.5
	3.7	1.3	0.6	24.0	13.0	103.0	1.0
	27.0	50.0	0.3	0.5	229.0	51.0	257.0
	8.0	0.3	2.5	15.0	5.0	5.0	1358.0
	23.0	21.0	6.0	2.5	36.0	10.0	193.0
	0.5	23.0	105.0				
46264-2288	0.5	20.1	0.9	5.2	6.2	1537.0	1.9
	1.5	0.8	0.9	28.0	23.0	118.0	2.0
	27.0	57.0	0.3	0.5	198.0	52.0	203.0
	35.0	0.3	2.5	19.0	5.0	5.0	407.0
	51.0	24.0	6.0	2.5	20.0	10.0	121.0
	0.5	20.0	114.0				
46264-2289	0.5	25.5	0.8	5.2	5.1	1555.0	1.7
	1.2	0.8	1.0	26.0	20.0	102.0	1.0
	24.0	59.0	0.3	0.5	131.0	53.0	171.0
	13.0	0.3	2.5	17.0	5.0	5.0	432.0
	52.0	23.0	4.0	2.5	17.0	10.0	118.0
	0.5	19.0	110.0				
46264-2291	0.5	29.7	0.9	5.1	10.0	2010.0	2.2
	2.6	1.1	0.5	43.0	26.0	126.0	2.0
	71.0	96.0	0.3	0.5	255.0	52.0	256.0
	35.0	0.3	2.5	17.0	5.0	5.0	574.0
	34.0	22.0	4.0	2.5	28.0	10.0	209.0
	3.0	20.0	91.0				
46264-2292	0.5	34.4	0.9	5.6	5.9	1383.0	2.6
	2.9	1.1	0.6	24.0	12.0	112.0	0.5
	30.0	60.0	0.3	0.5	149.0	76.0	239.0
	29.0	0.3	2.5	17.0	5.0	5.0	1705.0
	27.0	19.0	3.0	2.5	27.0	10.0	181.0
	2.0	19.0	95.0				
46264-2293	0.5	33.9	0.9	5.9	6.1	1459.0	2.6
	2.4	1.1	0.7	26.0	12.0	109.0	0.5
	31.0	61.0	0.3	0.5	114.0	85.0	220.0
	23.0	0.3	2.5	18.0	5.0	5.0	1880.0
	31.0	19.0	3.0	2.5	22.0	10.0	201.0
	0.5	19.0	100.0				
46264-2294	2.0	33.2	0.9	5.6	6.6	1477.0	2.6
	1.9	0.8	0.7	29.0	18.0	124.0	0.5
	30.0	64.0	0.3	0.5	157.0	95.0	233.0
	23.0	0.3	2.5	18.0	5.0	5.0	1435.0
	37.0	21.0	4.0	2.5	22.0	10.0	141.0
	0.5	19.0	107.0				
46264-2295	0.5	20.5	1.0	5.9	6.8	1448.0	2.8
	1.7	0.9	0.7	27.0	14.0	127.0	0.5
	31.0	60.0	0.3	0.5	94.0	130.0	228.0
	8.0	0.3	2.5	20.0	5.0	5.0	2000.0
	32.0	18.0	4.0	2.5	18.0	10.0	226.0
	0.5	17.0	114.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2296	0.5 1.9 25.0 2.5 44.0 3.0	22.3 1.0 47.0 0.3 32.0 20.0	0.7 1.1 0.3 2.5 5.0 115.0	5.8 24.0 0.5 16.0 2.5	5.1 12.0 176.0 5.0 16.0	1565.0 104.0 49.0 5.0 10.0	1.7 4.0 182.0 865.0 164.0
46264-2297	0.5 1.4 36.0 2.5 25.0 0.5	25.4 1.0 65.0 0.3 25.0 17.0	1.0 0.9 0.3 2.5 3.0 127.0	6.5 34.0 2.0 19.0 2.5	6.6 11.0 103.0 5.0 22.0	1089.0 74.0 54.0 5.0 10.0	3.0 8.0 259.0 469.0 156.0
46264-2299	2.0 2.5 33.0 2.5 29.0 0.5	17.8 1.3 56.0 0.3 30.0 21.0	1.0 0.8 0.3 2.5 2.0 125.0	5.9 24.0 2.0 15.0 2.5	6.2 8.0 182.0 5.0 26.0	1561.0 105.0 66.0 5.0 24.0	2.4 5.0 250.0 1327.0 215.0
46264-2300	2.0 2.0 35.0 2.5 32.0 0.5	19.1 1.3 59.0 0.3 30.0 20.0	0.9 0.9 0.3 2.5 3.0 122.0	6.2 26.0 0.5 15.0 2.5	6.0 9.0 115.0 5.0 22.0	1700.0 114.0 69.0 5.0 10.0	2.5 3.0 224.0 1215.0 222.0
46264-2301	0.5 3.1 38.0 2.5 31.0 0.5	28.1 1.3 60.0 0.3 34.0 26.0	1.1 0.7 0.3 2.5 2.0 129.0	5.9 28.0 2.0 15.0 2.5	6.7 11.0 184.0 5.0 31.0	2119.0 125.0 55.0 5.0 10.0	2.6 3.0 272.0 1235.0 218.0
46264-2302	0.5 2.3 25.0 2.5 41.0 3.0	26.1 0.9 54.0 0.3 32.0 22.0	0.8 0.9 0.3 2.5 4.0 102.0	4.8 24.0 0.5 16.0 2.5	5.9 14.0 513.0 5.0 19.0	1313.0 100.0 37.0 5.0 10.0	1.4 4.0 204.0 324.0 120.0
46264-2304	0.5 0.9 16.0 2.5 42.0 0.5	28.7 0.9 40.0 0.3 24.0 15.0	0.4 1.1 0.3 2.5 4.0 97.0	4.2 11.0 0.5 13.0 2.5	3.3 12.0 365.0 5.0 11.0	767.0 102.0 39.0 5.0 10.0	0.9 4.0 102.0 350.0 90.0
46264-2310	17.0 4.6 31.0 2.5 18.0 0.5	25.9 0.8 62.0 0.3 43.0 28.0	2.6 0.5 0.3 2.5 0.5 117.0	3.5 18.0 2.0 14.0 2.5	10.0 23.0 450.0 5.0 53.0	2433.0 242.0 34.0 5.0 10.0	2.7 7.0 539.0 341.0 188.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2311	0.5	32.4	1.2	3.0	10.0	2779.0	2.4
	4.4	0.7	0.4	18.0	15.0	279.0	6.0
	38.0	63.0	0.3	2.0	636.0	30.0	271.0
	2.5	0.3	2.5	8.0	5.0	5.0	293.0
	12.0	44.0	0.5	2.5	51.0	10.0	173.0
	0.5	30.0	67.0				
46264-2312	0.5	32.8	1.4	4.5	6.2	1082.0	2.0
	3.2	1.1	1.0	12.0	12.0	129.0	2.0
	22.0	45.0	0.3	0.5	298.0	40.0	277.0
	2.5	0.3	2.5	15.0	5.0	5.0	469.0
	26.0	31.0	0.5	2.5	34.0	10.0	192.0
	0.5	23.0	99.0				
46264-2313	0.5	22.0	1.3	3.6	9.6	1872.0	2.0
	3.3	0.8	0.8	12.0	14.0	206.0	4.0
	30.0	52.0	0.3	2.0	746.0	34.0	240.0
	2.5	0.3	2.5	13.0	5.0	5.0	349.0
	33.0	42.0	0.5	2.5	40.0	10.0	152.0
	0.5	26.0	102.0				
46264-2314	0.5	31.1	0.9	5.8	6.0	940.0	2.3
	2.5	1.3	0.9	20.0	11.0	113.0	2.0
	27.0	53.0	0.3	1.0	165.0	61.0	200.0
	2.5	0.3	2.5	16.0	5.0	15.0	1320.0
	27.0	30.0	0.5	2.5	25.0	10.0	215.0
	0.5	23.0	112.0				
46264-2315	0.5	30.1	0.6	5.1	4.0	692.0	1.7
	1.5	1.1	1.2	15.0	11.0	108.0	5.0
	20.0	49.0	0.3	0.5	229.0	48.0	129.0
	2.5	0.3	2.5	16.0	5.0	5.0	447.0
	42.0	29.0	3.0	2.5	17.0	10.0	126.0
	2.0	20.0	116.0				
46264-2316	0.5	25.7	1.1	4.1	7.0	1430.0	2.2
	3.4	0.9	1.0	14.0	11.0	149.0	3.0
	26.0	52.0	0.3	0.5	355.0	42.0	234.0
	2.5	0.3	2.5	13.0	5.0	5.0	413.0
	28.0	32.0	0.5	2.5	39.0	10.0	161.0
	5.0	24.0	84.0				
46264-2317	0.5	23.1	0.8	6.1	5.2	567.0	2.0
	1.8	1.6	0.9	18.0	9.0	114.0	4.0
	26.0	50.0	0.3	0.5	182.0	32.0	156.0
	2.5	0.3	2.5	17.0	5.0	5.0	936.0
	29.0	26.0	0.5	2.5	21.0	10.0	273.0
	0.5	20.0	105.0				
46264-2318	0.5	26.1	0.5	3.2	2.5	230.0	0.5
	0.3	0.8	1.5	7.0	8.0	41.0	2.0
	9.0	34.0	0.3	0.5	638.0	22.0	62.0
	2.5	0.3	2.5	11.0	5.0	5.0	240.0
	46.0	26.0	0.5	2.5	6.0	10.0	46.0
	1.0	16.0	88.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2319	0.5	26.0	0.5	3.3	2.7	283.0	0.6
	0.2	0.8	1.5	7.0	7.0	40.0	2.0
	10.0	35.0	0.3	0.5	755.0	22.0	68.0
	2.5	0.3	2.5	10.0	5.0	5.0	252.0
	47.0	26.0	0.5	2.5	6.0	10.0	43.0
	0.5	17.0	88.0				
46264-2321	0.5	30.0	0.5	3.2	2.5	282.0	0.6
	0.3	0.7	1.5	8.0	6.0	39.0	2.0
	9.0	38.0	0.3	0.5	579.0	26.0	64.0
	2.5	0.3	2.5	12.0	5.0	5.0	238.0
	46.0	25.0	2.0	2.5	6.0	20.0	42.0
	0.5	16.0	89.0				
46264-2322	0.5	24.9	1.2	4.9	8.4	1568.0	2.5
	3.9	1.1	0.7	29.0	21.0	169.0	7.0
	36.0	64.0	0.3	2.0	248.0	45.0	283.0
	2.5	0.3	2.5	12.0	5.0	5.0	536.0
	18.0	34.0	0.5	2.5	40.0	10.0	208.0
	0.5	26.0	105.0				
46264-2323	0.5	31.9	1.2	4.2	5.9	1126.0	2.0
	2.8	1.0	1.0	13.0	12.0	129.0	5.0
	23.0	47.0	0.3	0.5	279.0	43.0	228.0
	2.5	0.3	2.5	15.0	5.0	5.0	430.0
	29.0	30.0	0.5	2.5	32.0	10.0	158.0
	3.0	22.0	93.0				
46264-2324	0.5	27.5	1.3	3.2	10.0	2168.0	1.5
	2.4	0.6	0.7	31.0	36.0	208.0	5.0
	31.0	62.0	0.3	0.5	611.0	26.0	286.0
	2.5	0.3	2.5	13.0	5.0	5.0	232.0
	42.0	42.0	0.5	2.5	27.0	10.0	96.0
	2.0	21.0	88.0				
46264-2325	0.5	31.8	1.4	3.8	10.0	2675.0	2.7
	5.2	0.9	0.4	44.0	27.0	300.0	4.0
	46.0	81.0	0.3	0.5	396.0	33.0	342.0
	2.5	0.3	2.5	4.0	5.0	5.0	391.0
	5.0	44.0	0.5	2.5	55.0	10.0	174.0
	0.5	30.0	70.0				
46264-2326	0.5	31.3	1.2	6.2	8.8	1190.0	2.9
	2.8	1.0	0.8	32.0	10.0	147.0	3.0
	37.0	54.0	0.3	0.5	116.0	70.0	293.0
	2.5	0.3	2.5	20.0	5.0	5.0	638.0
	25.0	34.0	0.5	2.5	32.0	10.0	215.0
	0.5	25.0	141.0				
46264-2327	0.5	26.8	1.4	4.8	6.5	1333.0	2.5
	4.4	1.3	0.7	19.0	12.0	154.0	3.0
	28.0	53.0	0.3	0.5	274.0	39.0	283.0
	2.5	0.3	2.5	10.0	5.0	5.0	601.0
	15.0	32.0	0.5	2.5	44.0	10.0	225.0
	0.5	27.0	105.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2328	3.0	15.8	1.1	6.5	8.2	1099.0	2.7
	2.6	1.0	0.7	28.0	11.0	131.0	3.0
	36.0	43.0	0.3	1.0	104.0	87.0	275.0
	2.5	0.3	2.5	21.0	5.0	5.0	679.0
	24.0	34.0	0.5	2.5	30.0	10.0	206.0
	0.5	26.0	138.0				
46264-2329	0.5	18.9	1.0	6.3	9.0	1123.0	2.6
	2.5	1.3	0.7	40.0	7.0	186.0	0.5
	40.0	47.0	0.3	2.0	116.0	81.0	237.0
	2.5	0.3	2.5	20.0	5.0	5.0	1006.0
	22.0	33.0	0.5	2.5	32.0	10.0	249.0
	0.5	26.0	119.0				
46264-2330	0.5	27.3	1.0	6.8	7.0	1601.0	2.7
	3.3	1.6	0.9	23.0	6.0	152.0	4.0
	33.0	54.0	0.3	1.0	122.0	76.0	202.0
	2.5	0.3	2.5	17.0	5.0	5.0	956.0
	28.0	35.0	0.5	2.5	32.0	10.0	312.0
	0.5	29.0	131.0				
46264-2331	0.5	23.5	0.9	6.4	6.8	1830.0	2.9
	3.1	1.3	0.7	31.0	12.0	169.0	8.0
	35.0	60.0	0.3	2.0	134.0	72.0	214.0
	2.5	0.3	2.5	15.0	5.0	5.0	606.0
	24.0	31.0	0.5	2.5	30.0	10.0	256.0
	0.5	24.0	114.0				
46264-2332	0.5	23.2	1.1	6.2	7.0	1965.0	2.5
	2.9	1.2	0.7	31.0	9.0	148.0	5.0
	35.0	49.0	0.3	2.0	121.0	60.0	238.0
	2.5	0.3	2.5	17.0	5.0	5.0	880.0
	28.0	30.0	0.5	2.5	29.0	10.0	218.0
	0.5	28.0	133.0				
46264-2333	0.5	26.2	1.2	5.3	5.2	1555.0	2.6
	4.2	1.6	0.7	11.0	14.0	154.0	2.0
	25.0	41.0	0.3	0.5	245.0	44.0	211.0
	2.5	0.3	2.5	12.0	5.0	5.0	736.0
	18.0	28.0	0.5	2.5	47.0	10.0	324.0
	0.5	28.0	105.0				
46264-2334	0.5	30.2	1.3	5.6	7.5	2534.0	2.6
	2.8	1.4	0.9	26.0	26.0	228.0	5.0
	37.0	75.0	0.3	2.0	219.0	58.0	246.0
	2.5	0.3	2.5	17.0	5.0	5.0	651.0
	34.0	34.0	0.5	2.5	35.0	10.0	272.0
	0.5	25.0	109.0				
46264-2335	0.5	22.1	1.0	5.9	4.5	1205.0	2.3
	3.3	1.8	0.9	13.0	11.0	126.0	3.0
	23.0	39.0	0.3	0.5	217.0	49.0	189.0
	2.5	0.3	2.5	14.0	5.0	5.0	890.0
	22.0	27.0	0.5	2.5	35.0	10.0	385.0
	0.5	25.0	114.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2336	0.5 3.1 28.0 2.5 32.0 0.5	33.3 1.2 49.0 0.3 29.0 24.0	0.9 0.8 0.3 2.5 0.5 101.0	5.9 22.0 1.0 14.0 2.5	5.9 10.0 150.0 5.0 32.0	2060.0 178.0 50.0 5.0 10.0	2.3 3.0 234.0 659.0 234.0
46264-2337	0.5 3.6 27.0 2.5 26.0 2.0	24.1 1.2 48.0 0.3 33.0 28.0	1.1 0.7 0.3 2.5 0.5 102.0	5.7 21.0 0.5 14.0 2.5	6.1 13.0 196.0 5.0 35.0	1536.0 146.0 56.0 5.0 10.0	2.5 2.0 256.0 1323.0 177.0
46264-2338	0.5 2.0 17.0 13.0 46.0 0.5	28.8 0.5 48.0 0.3 25.0 24.0	1.2 0.6 0.3 2.5 1.0 89.0	3.8 16.0 0.5 18.0 2.5	6.9 21.0 612.0 5.0 15.0	1014.0 103.0 36.0 5.0 10.0	0.8 2.0 186.0 153.0 100.0
46264-2339	0.5 1.5 18.0 25.0 39.0 0.5	27.5 1.0 45.0 0.3 21.0 19.0	0.7 0.9 0.3 2.5 3.0 101.0	4.9 17.0 0.5 18.0 2.5	4.5 13.0 182.0 5.0 17.0	1039.0 109.0 59.0 5.0 10.0	1.6 0.5 143.0 569.0 189.0
46264-2340	0.5 3.1 54.0 33.0 31.0 7.0	45.4 0.3 106.0 0.3 31.0 21.0	1.9 0.1 0.3 8.0 0.5 87.0	1.7 12.0 0.5 20.0 2.5	10.0 19.0 645.0 22.0 42.0	4935.0 497.0 21.0 5.0 10.0	1.7 0.5 611.0 151.0 183.0
46264-2341	0.5 5.6 33.0 16.0 21.0 0.5	40.6 0.5 88.0 0.3 30.0 29.0	2.7 0.1 0.3 2.5 0.5 97.0	2.1 14.0 0.5 12.0 2.5	10.0 29.0 296.0 14.0 70.0	3516.0 367.0 18.0 5.0 10.0	2.9 0.5 336.0 330.0 157.0
46264-2342	0.5 4.4 25.0 14.0 35.0 0.5	34.1 0.7 88.0 0.3 35.0 30.0	2.7 0.5 0.3 2.5 0.5 144.0	3.8 27.0 0.5 17.0 2.5	8.5 29.0 258.0 11.0 52.0	1955.0 174.0 31.0 5.0 10.0	3.3 4.0 445.0 548.0 167.0
46264-2343	0.5 6.9 25.0 11.0 11.0 0.5	33.4 0.5 74.0 0.3 36.0 32.0	4.2 0.1 0.3 2.5 0.5 116.0	2.0 6.0 2.0 10.0 2.5	10.0 27.0 409.0 5.0 88.0	2812.0 262.0 21.0 5.0 10.0	3.7 0.5 437.0 158.0 102.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2344	0.5	31.3	1.3	5.5	7.5	2431.0	1.4
	1.3	0.5	1.5	38.0	48.0	220.0	2.0
	27.0	75.0	0.3	0.5	151.0	48.0	295.0
	23.0	0.3	2.5	26.0	5.0	5.0	423.0
	92.0	47.0	3.0	2.5	25.0	10.0	93.0
	0.5	36.0	135.0				
46264-2345	0.5	39.2	3.0	2.4	10.0	3294.0	3.0
	5.7	0.6	0.2	10.0	25.0	324.0	1.0
	31.0	81.0	0.3	2.0	366.0	25.0	459.0
	26.0	0.3	2.5	16.0	19.0	5.0	231.0
	20.0	40.0	0.5	2.5	69.0	10.0	168.0
	0.5	27.0	93.0				
46264-2346	0.5	30.4	1.8	3.1	10.0	3000.0	3.1
	4.9	0.8	0.3	13.0	12.0	224.0	0.5
	30.0	69.0	0.3	0.5	364.0	39.0	226.0
	2.5	0.3	2.5	17.0	5.0	5.0	304.0
	18.0	17.0	0.5	2.5	61.0	10.0	152.0
	5.0	28.0	114.0				
46264-2347	0.5	30.4	0.5	4.7	3.4	1000.0	1.0
	0.6	1.0	1.6	14.0	9.0	67.0	0.5
	13.0	48.0	0.3	0.5	326.0	37.0	98.0
	12.0	0.3	2.5	17.0	5.0	5.0	328.0
	50.0	22.0	4.0	2.5	10.0	10.0	86.0
	0.5	17.0	120.0				
46264-2348	0.5	25.9	0.7	4.4	3.5	1000.0	1.2
	1.0	1.0	1.3	12.0	8.0	72.0	0.5
	14.0	42.0	0.3	0.5	280.0	43.0	112.0
	2.5	0.3	2.5	18.0	5.0	5.0	401.0
	44.0	20.0	3.0	2.5	13.0	10.0	114.0
	4.0	17.0	109.0				
46264-2349	0.5	26.9	1.0	3.2	4.8	500.0	0.8
	0.5	0.6	1.2	9.0	5.0	59.0	0.5
	12.0	44.0	0.3	0.5	1149.0	21.0	112.0
	14.0	0.3	2.5	17.0	5.0	5.0	210.0
	72.0	30.0	3.0	2.5	11.0	10.0	54.0
	0.5	24.0	207.0				
46264-2350	0.5	27.9	1.0	3.5	9.8	2000.0	2.0
	3.0	0.8	0.7	21.0	5.0	193.0	0.5
	29.0	58.0	0.3	0.5	538.0	24.0	191.0
	2.5	0.3	2.5	18.0	5.0	5.0	320.0
	39.0	19.0	0.5	2.5	40.0	10.0	141.0
	3.0	26.0	103.0				
46264-2351	1.0	27.3	1.0	3.2	10.0	2000.0	2.3
	4.2	0.8	0.4	19.0	11.0	224.0	0.5
	32.0	57.0	0.3	0.5	270.0	40.0	177.0
	13.0	0.3	8.0	15.0	5.0	5.0	373.0
	29.0	19.0	0.5	2.5	48.0	10.0	188.0
	0.5	26.0	69.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2352	0.5	29.0	1.3	5.3	5.8	1000.0	1.9
	2.2	1.3	1.0	15.0	14.0	119.0	0.5
	21.0	46.0	0.3	0.5	398.0	72.0	211.0
	7.0	0.3	2.5	22.0	5.0	5.0	639.0
	54.0	27.0	0.5	2.5	25.0	10.0	205.0
	3.0	24.0	191.0				
46264-2353	0.5	23.8	0.8	4.3	4.1	1000.0	0.7
	0.4	1.0	1.7	11.0	13.0	88.0	0.5
	13.0	47.0	0.3	1.0	448.0	33.0	125.0
	6.0	0.3	2.5	16.0	5.0	5.0	319.0
	57.0	24.0	0.5	2.5	7.0	10.0	76.0
	0.5	19.0	100.0				
46264-2354	0.5	31.0	1.4	4.1	8.9	2000.0	2.6
	4.8	1.0	0.6	14.0	13.0	200.0	0.5
	27.0	48.0	0.3	1.0	316.0	52.0	249.0
	2.5	0.3	2.5	19.0	5.0	5.0	520.0
	22.0	17.0	0.5	2.5	53.0	10.0	229.0
	0.5	29.0	108.0				
46264-2355	0.5	30.0	0.8	2.2	10.0	3000.0	1.8
	3.0	0.6	0.2	23.0	1.0	267.0	0.5
	42.0	36.0	0.3	2.0	185.0	21.0	129.0
	9.0	0.3	14.0	20.0	5.0	5.0	236.0
	42.0	12.0	0.5	2.5	44.0	10.0	190.0
	0.5	26.0	75.0				
46264-2356	0.5	30.4	1.5	4.4	10.0	3000.0	2.1
	2.9	0.8	0.8	34.0	24.0	254.0	0.5
	33.0	71.0	0.3	1.0	209.0	59.0	303.0
	2.5	0.3	2.5	23.0	5.0	5.0	480.0
	50.0	20.0	0.5	2.5	38.0	10.0	180.0
	0.5	28.0	103.0				
46264-2357	0.5	36.0	0.9	3.4	8.1	2000.0	3.0
	6.8	1.0	0.3	10.0	7.0	233.0	0.5
	29.0	41.0	0.3	0.5	180.0	35.0	167.0
	2.5	0.3	2.5	5.0	5.0	5.0	546.0
	2.5	11.0	0.5	2.5	77.0	10.0	314.0
	0.5	30.0	62.0				
46264-2358	1.0	33.1	1.2	3.5	10.0	5000.0	2.2
	3.8	0.7	0.5	54.0	26.0	507.0	0.5
	54.0	127.0	0.3	1.0	407.0	43.0	323.0
	2.5	0.3	10.0	21.0	5.0	5.0	582.0
	50.0	20.0	0.5	2.5	46.0	10.0	196.0
	0.5	30.0	73.0				
46264-2359	0.5	36.4	1.1	5.1	6.9	2000.0	2.5
	4.0	1.3	0.7	21.0	14.0	169.0	0.5
	27.0	53.0	0.3	0.5	145.0	50.0	214.0
	2.5	0.3	2.5	18.0	5.0	5.0	810.0
	25.0	17.0	0.5	2.5	39.0	10.0	395.0
	0.5	26.0	88.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2360	0.5	43.7	0.7	1.5	10.0	4000.0	1.3
	2.2	0.3	0.1	22.0	1.0	387.0	0.5
	59.0	47.0	0.3	0.5	378.0	21.0	276.0
	26.0	0.3	12.0	25.0	5.0	5.0	181.0
	47.0	10.0	3.0	2.5	36.0	10.0	207.0
	0.5	21.0	48.0				
46264-2361	0.5	35.4	1.8	4.7	9.8	2000.0	2.3
	3.1	1.3	0.7	23.0	10.0	178.0	0.5
	27.0	44.0	0.3	1.0	171.0	48.0	266.0
	2.5	0.3	7.0	25.0	5.0	5.0	998.0
	37.0	19.0	0.5	2.5	36.0	10.0	301.0
	6.0	25.0	91.0				
46264-2362	0.5	38.9	1.0	3.0	10.0	2000.0	1.3
	2.7	0.5	0.3	16.0	4.0	191.0	0.5
	28.0	34.0	0.3	2.0	657.0	29.0	109.0
	2.5	0.3	9.0	18.0	5.0	5.0	233.0
	31.0	16.0	0.5	2.5	33.0	10.0	171.0
	0.5	45.0	99.0				
46264-2363	0.5	33.9	0.5	3.9	3.2	497.0	0.8
	0.8	0.9	0.8	12.0	12.0	66.0	0.5
	12.0	39.0	0.3	0.5	283.0	36.0	101.0
	9.0	0.3	2.5	15.0	5.0	5.0	392.0
	43.0	24.0	4.0	2.5	11.0	10.0	106.0
	0.5	16.0	91.0				
46264-2364	0.5	38.6	0.7	4.3	5.0	1831.0	1.5
	0.7	0.7	1.0	22.0	22.0	118.0	3.0
	24.0	57.0	0.3	0.5	196.0	43.0	144.0
	24.0	0.3	2.5	17.0	11.0	5.0	531.0
	60.0	28.0	4.0	2.5	13.0	10.0	94.0
	0.5	19.0	102.0				
46264-2365	0.5	22.3	0.7	4.1	4.0	788.0	1.1
	1.2	1.0	0.9	20.0	17.0	77.0	1.0
	17.0	49.0	0.3	0.5	362.0	34.0	132.0
	15.0	0.3	2.5	19.0	5.0	5.0	552.0
	50.0	28.0	4.0	2.5	15.0	10.0	143.0
	0.5	21.0	113.0				
46264-2366	0.5	43.7	0.9	3.0	4.7	691.0	0.6
	0.6	0.5	0.7	14.0	23.0	60.0	3.0
	14.0	45.0	0.3	2.0	485.0	31.0	111.0
	16.0	0.3	2.5	15.0	5.0	5.0	296.0
	43.0	23.0	3.0	2.5	9.0	10.0	63.0
	0.5	18.0	107.0				
46264-2367	0.5	27.3	0.7	5.1	4.7	1273.0	1.6
	1.5	1.1	1.0	19.0	15.0	114.0	3.0
	21.0	53.0	0.6	0.5	201.0	62.0	147.0
	36.0	0.3	2.5	20.0	5.0	5.0	841.0
	52.0	29.0	6.0	2.5	17.0	10.0	228.0
	6.0	22.0	108.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2368	0.5	25.1	1.7	4.1	7.0	1478.0	2.2
	3.5	0.9	0.6	23.0	25.0	130.0	5.0
	24.0	53.0	0.3	0.5	279.0	50.0	307.0
	22.0	0.3	2.5	18.0	5.0	5.0	702.0
	36.0	31.0	0.5	2.5	36.0	10.0	230.0
	0.5	26.0	111.0				
46264-2369	0.5	25.7	1.1	4.1	6.3	1938.0	1.6
	2.0	0.8	0.8	25.0	25.0	128.0	3.0
	25.0	63.0	0.3	2.0	326.0	49.0	214.0
	25.0	0.3	2.5	20.0	5.0	5.0	689.0
	55.0	31.0	3.0	2.5	24.0	10.0	155.0
	0.5	24.0	109.0				
46264-2370	0.5	25.0	0.7	3.1	4.5	1022.0	0.7
	0.6	0.5	0.8	18.0	15.0	74.0	3.0
	15.0	49.0	0.3	0.5	461.0	29.0	115.0
	26.0	0.3	2.5	16.0	5.0	5.0	254.0
	47.0	24.0	3.0	2.5	10.0	10.0	73.0
	7.0	15.0	88.0				
46264-2371	0.5	23.0	0.5	4.9	3.9	1086.0	1.2
	0.7	0.9	1.1	13.0	16.0	102.0	1.0
	18.0	45.0	0.3	0.5	169.0	61.0	124.0
	28.0	0.3	2.5	18.0	5.0	5.0	681.0
	50.0	28.0	5.0	2.5	11.0	10.0	134.0
	0.5	18.0	101.0				
46264-2372	0.5	33.1	0.6	4.3	4.2	917.0	0.8
	1.0	0.7	1.0	13.0	12.0	107.0	4.0
	15.0	48.0	0.3	0.5	416.0	49.0	98.0
	2.5	0.3	2.5	14.0	5.0	5.0	255.0
	44.0	28.0	1.0	2.5	11.0	10.0	85.0
	0.5	19.0	82.0				
46264-2373	0.5	21.0	0.2	3.8	2.2	1336.0	0.7
	0.3	0.5	1.0	10.0	14.0	110.0	3.0
	11.0	36.0	0.3	1.0	232.0	45.0	61.0
	2.5	0.3	2.5	11.0	5.0	5.0	189.0
	44.0	24.0	3.0	2.5	7.0	10.0	76.0
	8.0	15.0	67.0				
46264-2374	0.5	38.0	0.5	5.5	4.7	1566.0	1.2
	0.4	0.8	1.5	27.0	27.0	105.0	2.0
	22.0	61.0	0.3	0.5	106.0	43.0	111.0
	32.0	0.3	2.5	19.0	5.0	5.0	392.0
	73.0	35.0	7.0	2.5	13.0	10.0	77.0
	3.0	23.0	113.0				
46264-2375	0.5	34.3	0.4	3.5	3.1	389.0	0.6
	0.4	0.6	0.9	8.0	13.0	61.0	2.0
	10.0	44.0	0.3	0.5	323.0	63.0	73.0
	20.0	0.3	2.5	14.0	10.0	5.0	187.0
	37.0	20.0	4.0	2.5	7.0	10.0	60.0
	2.0	12.0	70.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2376	0.5	28.0	0.7	3.3	4.4	513.0	0.6
	0.4	0.4	0.9	10.0	13.0	54.0	1.0
	12.0	36.0	0.3	0.5	439.0	29.0	84.0
	2.5	0.3	2.5	13.0	5.0	5.0	198.0
	40.0	24.0	0.5	2.5	7.0	10.0	57.0
	9.0	12.0	88.0				
46264-2377	0.5	21.2	0.3	4.9	3.3	1308.0	0.8
	0.5	0.6	1.3	13.0	11.0	145.0	5.0
	17.0	61.0	0.3	1.0	215.0	70.0	79.0
	2.5	0.3	2.5	13.0	5.0	5.0	259.0
	58.0	28.0	5.0	2.5	9.0	10.0	92.0
	0.5	16.0	90.0				
46264-2378	0.5	21.1	0.3	4.9	3.3	819.0	0.9
	0.3	0.7	1.3	12.0	10.0	109.0	2.0
	16.0	59.0	0.3	0.5	320.0	88.0	75.0
	2.5	0.3	2.5	14.0	5.0	5.0	252.0
	55.0	28.0	4.0	2.5	9.0	10.0	64.0
	3.0	16.0	100.0				
46264-2379	0.5	33.4	0.4	5.4	3.6	1313.0	0.9
	0.3	0.6	1.3	15.0	12.0	211.0	4.0
	20.0	87.0	0.3	1.0	314.0	102.0	81.0
	2.5	0.3	2.5	14.0	5.0	5.0	257.0
	68.0	33.0	4.0	2.5	11.0	10.0	61.0
	2.0	21.0	109.0				
46264-2380	0.5	26.5	0.5	4.1	3.5	839.0	0.7
	0.3	0.5	1.0	11.0	11.0	119.0	4.0
	15.0	62.0	0.3	0.5	502.0	80.0	74.0
	2.5	0.3	2.5	13.0	5.0	5.0	213.0
	51.0	25.0	2.0	2.5	8.0	25.0	54.0
	0.5	16.0	98.0				
46264-2381	0.5	34.3	1.0	4.5	6.4	1494.0	0.8
	0.5	0.5	1.0	13.0	16.0	184.0	3.0
	22.0	84.0	0.3	2.0	462.0	89.0	101.0
	2.5	0.3	2.5	16.0	5.0	5.0	221.0
	70.0	33.0	0.5	2.5	12.0	10.0	55.0
	0.5	26.0	97.0				
46264-2382	0.5	26.2	0.8	3.3	3.0	500.0	0.6
	0.1	0.7	1.3	8.0	3.0	33.0	2.0
	9.0	39.0	0.3	0.5	1061.0	22.0	73.0
	2.5	0.3	2.5	13.0	5.0	5.0	214.0
	63.0	27.0	4.0	2.5	6.0	10.0	47.0
	5.0	19.0	180.0				
46264-2383	15.0	28.8	0.5	3.6	2.6	500.0	0.5
	0.3	0.8	1.4	7.0	7.0	46.0	0.5
	8.0	32.0	0.3	0.5	520.0	23.0	66.0
	2.5	0.3	2.5	13.0	5.0	5.0	251.0
	48.0	21.0	2.0	2.5	6.0	10.0	61.0
	4.0	16.0	125.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2384	0.5	0.0	0.6	4.0	3.0	500.0	0.8
	0.2	0.8	1.6	10.0	7.0	48.0	0.5
	11.0	46.0	0.3	0.5	460.0	39.0	76.0
	2.5	0.3	2.5	15.0	5.0	5.0	287.0
	53.0	23.0	2.0	2.5	6.0	10.0	51.0
	0.5	18.0	86.0				
46264-2385	0.5	27.9	1.1	4.4	7.3	1000.0	1.7
	1.6	1.0	0.8	22.0	9.0	123.0	0.5
	24.0	42.0	0.3	0.5	136.0	57.0	215.0
	7.0	0.3	6.0	21.0	5.0	5.0	399.0
	34.0	14.0	0.5	2.5	20.0	10.0	195.0
	1.0	20.0	91.0				
46264-2386	0.5	23.2	0.5	5.0	3.5	1000.0	1.2
	0.6	0.8	1.6	16.0	18.0	87.0	0.5
	15.0	50.0	0.3	0.5	166.0	43.0	100.0
	2.5	0.3	2.5	18.0	5.0	5.0	313.0
	49.0	22.0	4.0	2.5	10.0	10.0	87.0
	0.5	16.0	110.0				
46264-2387	0.5	25.2	0.4	4.4	2.6	1000.0	0.8
	0.1	0.6	1.8	11.0	6.0	52.0	0.5
	13.0	51.0	0.3	0.5	308.0	40.0	65.0
	2.5	0.3	2.5	12.0	5.0	5.0	291.0
	53.0	23.0	3.0	2.5	7.0	10.0	48.0
	0.5	17.0	81.0				
46264-2388	0.5	29.7	0.4	5.0	3.1	1000.0	1.0
	0.2	0.7	2.0	12.0	8.0	46.0	0.5
	13.0	50.0	0.3	0.5	270.0	42.0	73.0
	2.5	0.3	2.5	15.0	5.0	5.0	272.0
	52.0	23.0	4.0	2.5	8.0	10.0	43.0
	0.5	15.0	105.0				
46264-2389	11.0	27.3	0.5	6.8	5.1	1000.0	1.5
	0.2	0.7	2.4	8.0	1.0	66.0	0.5
	18.0	64.0	0.3	0.5	161.0	61.0	117.0
	2.5	0.3	2.5	20.0	5.0	5.0	305.0
	64.0	29.0	7.0	2.5	13.0	10.0	41.0
	0.5	19.0	115.0				
46264-2390	0.5	27.7	0.5	6.4	6.3	1000.0	1.4
	0.2	0.7	2.3	13.0	6.0	62.0	3.0
	18.0	66.0	0.3	1.0	232.0	60.0	118.0
	21.0	0.3	2.5	18.0	5.0	5.0	678.0
	60.0	26.0	6.0	16.0	11.0	10.0	56.0
	4.0	18.0	134.0				
46264-2391	0.5	27.9	0.3	5.1	2.9	1000.0	1.0
	0.2	0.8	2.0	10.0	7.0	70.0	1.0
	13.0	54.0	0.3	0.5	243.0	56.0	70.0
	6.0	0.3	2.5	14.0	5.0	5.0	321.0
	53.0	24.0	3.0	2.5	6.0	10.0	46.0
	0.5	17.0	102.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2392	0.5	24.5	0.5	6.8	5.3	500.0	1.6
	0.2	0.9	2.4	13.0	3.0	62.0	0.5
	18.0	66.0	0.3	0.5	292.0	58.0	116.0
	25.0	0.3	2.5	20.0	5.0	5.0	775.0
	66.0	28.0	7.0	2.5	12.0	10.0	60.0
	4.0	19.0	120.0				
46264-2393	0.5	34.2	0.4	6.3	4.0	500.0	1.4
	0.2	0.9	2.1	12.0	7.0	50.0	0.5
	16.0	58.0	0.3	0.5	204.0	49.0	98.0
	13.0	0.3	2.5	18.0	5.0	5.0	314.0
	60.0	27.0	6.0	2.5	10.0	10.0	48.0
	2.0	18.0	109.0				
46264-2394	0.5	30.1	0.4	6.0	4.1	1000.0	1.3
	0.2	0.7	2.2	14.0	12.0	54.0	0.5
	17.0	61.0	0.3	0.5	211.0	56.0	96.0
	12.0	0.3	2.5	18.0	5.0	5.0	286.0
	59.0	25.0	5.0	2.5	10.0	10.0	43.0
	0.5	18.0	107.0				
46264-2395	0.5	34.6	1.3	4.5	6.6	1000.0	1.7
	2.4	1.2	1.1	12.0	13.0	118.0	0.5
	18.0	38.0	0.3	0.5	359.0	45.0	143.0
	20.0	0.3	2.5	23.0	5.0	5.0	501.0
	40.0	19.0	0.5	2.5	29.0	10.0	185.0
	7.0	29.0	122.0				
46264-2397	0.5	36.4	1.1	3.3	10.0	2475.0	1.6
	2.6	0.6	0.5	12.0	13.0	204.0	3.0
	29.0	41.0	0.3	3.0	378.0	33.0	113.0
	2.5	0.3	2.5	13.0	5.0	5.0	325.0
	36.0	36.0	0.5	2.5	35.0	10.0	161.0
	0.5	38.0	110.0				
46264-2398	0.5	30.8	1.1	4.0	6.2	1206.0	1.3
	1.5	0.9	0.9	11.0	15.0	110.0	4.0
	19.0	35.0	0.3	0.5	349.0	46.0	140.0
	2.5	0.3	2.5	17.0	5.0	5.0	454.0
	35.0	26.0	0.5	2.5	20.0	10.0	154.0
	0.5	25.0	88.0				
46264-2400	0.5	39.6	4.1	4.4	10.0	2472.0	1.8
	2.7	1.2	0.6	14.0	23.0	221.0	5.0
	19.0	29.0	0.3	2.0	129.0	55.0	439.0
	2.5	0.3	2.5	25.0	5.0	5.0	770.0
	34.0	41.0	0.5	2.5	35.0	10.0	313.0
	0.5	30.0	169.0				
46264-2401	0.5	44.3	3.2	2.9	10.0	2986.0	1.6
	2.8	0.5	0.4	10.0	25.0	202.0	5.0
	25.0	39.0	0.3	2.0	529.0	24.0	367.0
	2.5	0.3	2.5	18.0	5.0	5.0	229.0
	37.0	46.0	0.5	2.5	39.0	25.0	144.0
	0.5	51.0	162.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2402	0.5	23.6	0.4	5.5	3.4	784.0	1.0
	0.1	0.8	1.9	14.0	12.0	86.0	2.0
	17.0	67.0	0.3	1.0	290.0	58.0	81.0
	2.5	0.3	2.5	13.0	5.0	5.0	311.0
	60.0	33.0	4.0	2.5	11.0	10.0	60.0
	0.5	20.0	111.0				
46264-2403	0.5	36.1	0.4	5.0	3.9	482.0	0.4
	0.1	0.7	1.4	15.0	12.0	69.0	3.0
	16.0	57.0	0.3	0.5	356.0	41.0	92.0
	2.5	0.3	2.5	12.0	5.0	5.0	360.0
	57.0	31.0	4.0	2.5	11.0	10.0	58.0
	3.0	16.0	145.0				
46264-2404	0.5	50.9	5.1	2.6	10.0	6235.0	1.1
	1.4	0.1	0.1	4.0	20.0	285.0	9.0
	56.0	38.0	0.3	4.0	1381.0	14.0	496.0
	2.5	0.3	2.5	25.0	5.0	5.0	73.0
	71.0	95.0	7.0	2.5	48.0	99.0	76.0
	0.5	104.0	256.0				
46264-2405	0.5	36.7	0.4	4.9	3.6	462.0	0.7
	0.2	0.8	1.5	14.0	15.0	69.0	1.0
	16.0	54.0	0.3	0.5	316.0	44.0	87.0
	2.5	0.3	2.5	12.0	5.0	5.0	310.0
	53.0	30.0	4.0	2.5	10.0	10.0	58.0
	4.0	16.0	123.0				
46264-2406	0.5	31.7	3.5	3.2	10.0	2489.0	1.1
	1.4	0.6	0.7	21.0	41.0	258.0	4.0
	26.0	59.0	0.3	0.5	347.0	34.0	573.0
	2.5	0.3	2.5	22.0	5.0	5.0	282.0
	44.0	51.0	0.5	2.5	25.0	26.0	162.0
	0.5	24.0	131.0				
46264-2407	0.5	57.7	3.3	2.3	10.0	5096.0	1.0
	1.5	0.1	0.1	6.0	16.0	267.0	8.0
	30.0	38.0	0.3	3.0	1132.0	15.0	368.0
	2.5	0.3	6.0	17.0	5.0	5.0	99.0
	52.0	70.0	0.5	2.5	40.0	28.0	88.0
	0.5	77.0	205.0				
46264-2408	0.5	31.5	1.9	5.9	8.6	1412.0	2.6
	2.5	0.6	0.6	25.0	11.0	155.0	4.0
	34.0	39.0	0.3	2.0	81.0	87.0	341.0
	2.5	0.3	2.5	23.0	5.0	5.0	490.0
	28.0	32.0	0.5	2.5	28.0	10.0	224.0
	0.5	24.0	197.0				
46264-2409	0.5	43.7	2.7	2.9	10.0	5471.0	1.2
	1.6	0.1	0.1	7.0	12.0	206.0	8.0
	33.0	30.0	0.3	3.0	1237.0	11.0	221.0
	2.5	0.3	2.5	11.0	5.0	5.0	90.0
	57.0	74.0	0.5	2.5	45.0	10.0	67.0
	0.5	102.0	202.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2410	0.5	45.4	3.7	2.4	10.0	4316.0	1.3
	2.3	0.3	0.2	15.0	26.0	361.0	8.0
	30.0	53.0	0.3	3.0	724.0	21.0	590.0
	2.5	0.3	9.0	20.0	5.0	5.0	174.0
	37.0	56.0	0.5	2.5	37.0	59.0	164.0
	2.0	49.0	199.0				
46264-2411	0.5	31.3	1.1	2.8	10.0	6000.0	2.2
	3.6	0.5	0.1	54.0	1.0	675.0	0.5
	59.0	87.0	0.3	2.0	342.0	42.0	239.0
	15.0	0.3	12.0	29.0	5.0	5.0	275.0
	44.0	17.0	2.0	2.5	57.0	10.0	258.0
	2.0	31.0	86.0				
46264-2412	0.5	10.0	1.4	6.9	8.0	1576.0	3.0
	1.8	0.5	0.8	42.0	14.0	116.0	5.0
	36.0	44.0	0.3	0.5	100.0	117.0	276.0
	2.5	0.3	2.5	22.0	5.0	5.0	637.0
	31.0	24.0	0.5	2.5	31.0	10.0	158.0
	0.5	23.0	158.0				
46264-2413	0.5	33.3	1.5	4.3	10.0	2000.0	1.2
	1.6	1.0	0.9	14.0	7.0	140.0	0.5
	25.0	39.0	0.3	1.0	548.0	39.0	116.0
	36.0	0.3	6.0	24.0	5.0	5.0	419.0
	59.0	23.0	0.5	2.5	23.0	10.0	184.0
	0.5	39.0	116.0				
46264-2415	1.0	32.3	2.4	2.3	10.0	3703.0	1.2
	2.3	0.6	0.3	9.0	21.0	353.0	5.0
	21.0	31.0	0.3	2.0	236.0	30.0	381.0
	2.5	0.3	2.5	21.0	5.0	5.0	564.0
	34.0	42.0	0.5	2.5	36.0	10.0	222.0
	0.5	26.0	138.0				
46264-2416	0.5	47.6	2.0	1.7	10.0	5037.0	1.0
	2.0	0.4	0.1	8.0	16.0	474.0	7.0
	37.0	37.0	0.3	3.0	335.0	26.0	326.0
	2.5	0.3	10.0	17.0	5.0	5.0	307.0
	25.0	47.0	0.5	2.5	38.0	10.0	219.0
	0.5	29.0	115.0				
46264-2417	0.5	50.2	6.8	1.8	10.0	5342.0	1.1
	2.1	0.4	0.2	8.0	10.0	514.0	7.0
	42.0	38.0	0.3	2.0	292.0	29.0	311.0
	2.5	0.3	2.5	15.0	5.0	5.0	342.0
	35.0	57.0	0.5	2.5	40.0	10.0	232.0
	0.5	32.0	103.0				
46264-2418	4.0	36.9	3.4	4.2	10.0	2335.0	1.8
	2.6	1.3	0.7	11.0	30.0	212.0	2.0
	18.0	30.0	0.3	0.5	217.0	49.0	346.0
	2.5	0.3	2.5	23.0	5.0	5.0	927.0
	27.0	33.0	0.5	2.5	35.0	10.0	322.0
	4.0	29.0	145.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2419	0.5	47.2	2.2	2.2	10.0	4684.0	1.2
	2.3	0.6	0.3	9.0	20.0	456.0	5.0
	35.0	34.0	0.3	1.0	224.0	32.0	284.0
	2.5	0.3	7.0	17.0	5.0	5.0	458.0
	29.0	47.0	0.5	2.5	39.0	10.0	251.0
	0.5	30.0	113.0				
46264-2420	0.5	20.2	1.4	7.5	8.9	2000.0	2.4
	1.5	1.9	1.4	40.0	14.0	152.0	0.5
	32.0	61.0	0.3	0.5	124.0	124.0	237.0
	9.0	0.3	2.5	31.0	5.0	5.0	1232.0
	53.0	24.0	0.5	2.5	23.0	10.0	337.0
	2.0	31.0	195.0				
46264-2421	41.0	33.6	0.8	5.3	4.4	1000.0	1.2
	2.8	1.2	1.4	17.0	14.0	90.0	0.5
	15.0	35.0	0.3	0.5	228.0	52.0	109.0
	16.0	0.3	2.5	20.0	5.0	5.0	976.0
	37.0	21.0	3.0	2.5	11.0	10.0	235.0
	0.5	20.0	114.0				
46264-2423	3.0	41.3	0.8	2.3	10.0	3000.0	1.9
	3.8	0.4	0.2	33.0	11.0	288.0	0.5
	51.0	87.0	0.3	0.5	549.0	27.0	171.0
	2.5	0.3	10.0	17.0	5.0	5.0	880.0
	33.0	20.0	2.0	2.5	47.0	10.0	280.0
	0.5	36.0	108.0				
46264-2426	0.5	32.4	1.3	5.7	7.0	2000.0	2.3
	2.5	1.5	0.9	31.0	17.0	123.0	0.5
	28.0	58.0	0.3	1.0	168.0	65.0	238.0
	12.0	0.3	2.5	21.0	5.0	5.0	803.0
	36.0	19.0	0.5	2.5	31.0	10.0	293.0
	3.0	24.0	115.0				
46264-2427	0.5	36.5	0.8	7.4	4.6	2000.0	1.7
	0.6	1.4	2.5	29.0	22.0	94.0	0.5
	21.0	53.0	0.3	1.0	169.0	63.0	112.0
	2.5	0.3	2.5	23.0	5.0	5.0	824.0
	86.0	38.0	6.0	2.5	12.0	10.0	154.0
	5.0	25.0	177.0				
46264-2428	0.5	36.6	1.2	3.8	9.2	1000.0	0.9
	1.7	0.7	0.7	11.0	9.0	96.0	0.5
	19.0	33.0	0.3	1.0	483.0	29.0	112.0
	2.5	0.3	5.0	17.0	5.0	5.0	274.0
	36.0	16.0	0.5	2.5	17.0	10.0	140.0
	0.5	34.0	99.0				
46264-2429	2.0	21.8	1.3	5.8	5.3	1000.0	2.1
	2.8	1.7	0.9	14.0	14.0	134.0	0.5
	21.0	44.0	0.3	2.0	225.0	74.0	212.0
	9.0	0.3	2.5	21.0	5.0	5.0	1151.0
	26.0	17.0	0.5	2.5	28.0	10.0	418.0
	1.0	22.0	104.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2430	0.5	28.0	1.4	5.3	7.6	1000.0	2.3
	2.4	1.3	0.8	26.0	13.0	171.0	0.5
	27.0	47.0	0.3	0.5	227.0	65.0	263.0
	18.0	0.3	2.5	22.0	5.0	5.0	688.0
	29.0	17.0	0.5	2.5	34.0	10.0	282.0
	5.0	23.0	89.0				
46264-2431	0.5	27.5	1.2	6.8	6.9	1000.0	1.5
	0.6	0.8	2.0	27.0	21.0	114.0	0.5
	21.0	59.0	0.3	0.5	258.0	83.0	157.0
	19.0	0.3	2.5	24.0	5.0	5.0	445.0
	58.0	26.0	1.0	2.5	15.0	10.0	106.0
	7.0	22.0	124.0				
46264-2435	0.5	29.0	0.4	3.0	2.7	500.0	0.4
	0.4	0.6	0.9	8.0	7.0	40.0	0.5
	7.0	29.0	0.3	0.5	262.0	25.0	52.0
	2.5	0.3	7.0	11.0	5.0	5.0	221.0
	29.0	11.0	1.0	6.0	4.0	10.0	82.0
	0.5	11.0	93.0				
46264-2436	0.5	26.3	0.5	2.6	3.0	500.0	0.4
	0.4	0.5	0.8	7.0	16.0	51.0	0.5
	8.0	23.0	0.3	0.5	336.0	24.0	54.0
	2.5	0.3	5.0	11.0	5.0	5.0	205.0
	24.0	9.0	1.0	2.5	4.0	10.0	73.0
	0.5	10.0	85.0				
46264-2459	0.5	39.3	0.4	4.8	3.1	441.0	1.0
	0.3	1.1	1.4	9.0	17.0	57.0	0.5
	14.0	47.0	0.3	0.5	233.0	42.0	72.0
	2.5	0.3	2.5	12.0	5.0	5.0	277.0
	50.0	27.0	4.0	2.5	9.0	10.0	72.0
	5.0	16.0	73.0				
46264-2460	0.5	29.2	0.3	4.6	2.8	856.0	1.0
	0.3	1.1	1.3	9.0	15.0	71.0	2.0
	14.0	47.0	0.3	0.5	237.0	39.0	68.0
	2.5	0.3	2.5	13.0	5.0	5.0	285.0
	51.0	26.0	5.0	2.5	8.0	10.0	73.0
	3.0	14.0	80.0				
46264-2467	0.5	38.5	0.4	3.5	2.4	260.0	0.5
	0.3	0.9	1.0	8.0	13.0	38.0	1.0
	8.0	30.0	0.3	0.5	336.0	23.0	52.0
	2.5	0.3	2.5	9.0	5.0	5.0	241.0
	34.0	20.0	3.0	2.5	6.0	10.0	71.0
	0.5	11.0	103.0				
46264-2468	0.5	32.4	0.3	2.9	1.7	183.0	0.4
	0.3	0.9	0.8	3.0	9.0	60.0	0.5
	7.0	21.0	0.3	0.5	418.0	22.0	40.0
	2.5	0.3	2.5	9.0	5.0	5.0	206.0
	28.0	16.0	3.0	2.5	4.0	10.0	62.0
	0.5	10.0	75.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2469	0.5	29.7	0.4	3.8	3.0	208.0	0.6
	0.3	0.7	1.0	9.0	14.0	45.0	4.0
	8.0	28.0	0.3	0.5	286.0	27.0	68.0
	2.5	0.3	2.5	12.0	5.0	5.0	216.0
	35.0	21.0	3.0	2.5	7.0	10.0	52.0
	0.5	12.0	83.0				
46264-2470	0.5	34.6	0.4	4.3	2.9	1000.0	0.8
	0.4	0.9	1.2	9.0	10.0	58.0	0.5
	11.0	40.0	0.3	0.5	217.0	38.0	64.0
	10.0	0.3	2.5	14.0	5.0	5.0	271.0
	45.0	19.0	3.0	2.5	6.0	10.0	73.0
	4.0	16.0	89.0				
46264-2471	0.5	26.7	0.2	3.0	1.4	500.0	0.5
	0.2	0.8	0.9	4.0	3.0	44.0	0.5
	5.0	21.0	0.3	0.5	349.0	27.0	37.0
	2.5	0.3	2.5	11.0	5.0	5.0	191.0
	29.0	13.0	2.0	2.5	2.0	10.0	61.0
	0.5	8.0	75.0				
46264-2472	0.5	23.7	0.3	3.2	2.2	500.0	0.6
	0.5	0.9	1.0	6.0	3.0	41.0	0.5
	8.0	29.0	0.3	0.5	458.0	25.0	48.0
	2.5	0.3	2.5	11.0	5.0	5.0	207.0
	38.0	17.0	2.0	2.5	4.0	10.0	68.0
	0.5	12.0	72.0				
46264-2473	1.0	27.8	0.3	2.8	1.1	95.0	0.3
	0.3	1.1	0.8	4.0	9.0	31.0	3.0
	4.0	16.0	0.3	0.5	439.0	24.0	26.0
	2.5	0.3	2.5	8.0	5.0	5.0	225.0
	31.0	17.0	3.0	2.5	2.0	10.0	76.0
	0.5	8.0	102.0				
46264-2474	0.5	13.0	0.2	4.4	3.0	1379.0	0.4
	1.0	0.8	0.7	11.0	13.0	182.0	3.0
	12.0	38.0	0.7	0.5	277.0	39.0	42.0
	2.5	0.3	2.5	8.0	5.0	5.0	291.0
	51.0	35.0	4.0	2.5	7.0	10.0	99.0
	0.5	30.0	42.0				
46264-2475	0.5	31.7	0.2	3.1	1.7	152.0	0.5
	0.3	0.9	0.9	4.0	10.0	51.0	2.0
	7.0	24.0	0.3	0.5	328.0	31.0	39.0
	15.0	0.3	2.5	8.0	5.0	5.0	231.0
	25.0	15.0	3.0	2.5	4.0	10.0	72.0
	0.5	9.0	46.0				
46264-2476	0.5	31.4	0.3	3.1	2.1	193.0	0.5
	0.3	0.9	0.9	5.0	12.0	39.0	1.0
	8.0	28.0	0.3	0.5	443.0	24.0	49.0
	2.5	0.3	2.5	8.0	5.0	5.0	212.0
	30.0	18.0	3.0	2.5	5.0	10.0	61.0
	2.0	11.0	70.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2479	0.5	30.1	0.8	2.9	3.1	673.0	0.5
	0.5	0.7	0.8	6.0	13.0	45.0	1.0
	8.0	22.0	0.3	0.5	643.0	25.0	54.0
	6.0	0.3	2.5	10.0	5.0	5.0	243.0
	38.0	22.0	3.0	2.5	6.0	10.0	78.0
	0.5	16.0	132.0				
46264-2480	0.5	35.5	1.3	3.3	4.7	878.0	0.6
	0.7	0.7	0.8	5.0	14.0	48.0	3.0
	10.0	26.0	0.3	0.5	455.0	25.0	85.0
	2.5	0.3	2.5	13.0	5.0	5.0	243.0
	33.0	24.0	7.0	2.5	10.0	10.0	83.0
	6.0	23.0	112.0				
46264-2481	1.0	41.6	1.7	2.8	6.2	1148.0	0.6
	0.7	0.5	0.7	7.0	17.0	52.0	9.0
	9.0	20.0	0.3	0.5	540.0	17.0	87.0
	2.5	0.3	2.5	13.0	5.0	5.0	181.0
	40.0	29.0	9.0	2.5	12.0	10.0	67.0
	0.5	28.0	170.0				
46264-2482	0.5	41.9	1.8	3.2	8.2	1499.0	0.7
	0.9	0.6	0.7	5.0	25.0	67.0	3.0
	11.0	22.0	0.3	0.5	692.0	19.0	97.0
	6.0	0.3	2.5	15.0	5.0	5.0	200.0
	49.0	36.0	6.0	2.5	15.0	10.0	76.0
	2.0	35.0	219.0				
46264-2483	0.5	37.6	0.6	3.4	2.9	527.0	0.5
	0.4	0.8	1.0	7.0	15.0	50.0	4.0
	8.0	28.0	0.3	0.5	350.0	36.0	56.0
	5.0	0.3	2.5	10.0	5.0	5.0	244.0
	33.0	19.0	4.0	2.5	6.0	10.0	79.0
	0.5	14.0	74.0				
46264-2484	0.5	31.2	0.6	3.6	3.0	500.0	0.5
	0.5	0.9	1.1	7.0	7.0	38.0	0.5
	8.0	26.0	0.9	0.5	405.0	21.0	59.0
	2.5	0.3	2.5	15.0	5.0	5.0	280.0
	56.0	23.0	4.0	2.5	5.0	10.0	91.0
	0.5	16.0	217.0				
46264-2485	0.5	23.0	0.2	3.7	1.7	500.0	0.5
	0.2	1.3	1.0	4.0	6.0	68.0	0.5
	8.0	25.0	0.3	0.5	312.0	47.0	41.0
	10.0	0.3	2.5	9.0	5.0	5.0	250.0
	30.0	14.0	2.0	2.5	2.0	10.0	72.0
	0.5	9.0	57.0				
46264-2486	0.5	30.7	0.5	3.0	2.8	500.0	0.5
	0.4	0.7	0.9	5.0	3.0	51.0	0.5
	8.0	24.0	0.3	0.5	312.0	34.0	47.0
	2.5	0.3	2.5	12.0	5.0	5.0	220.0
	29.0	13.0	1.0	2.5	4.0	10.0	74.0
	0.5	13.0	71.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2487	0.5	35.3	1.3	3.3	4.8	794.0	0.6
	0.6	0.7	0.9	7.0	17.0	50.0	4.0
	10.0	25.0	0.3	0.5	419.0	21.0	84.0
	6.0	0.3	2.5	14.0	5.0	5.0	227.0
	39.0	26.0	8.0	2.5	10.0	10.0	75.0
	1.0	23.0	160.0				
46264-2488	0.5	32.8	0.5	7.7	5.7	1796.0	1.4
	0.4	1.2	2.1	14.0	32.0	120.0	4.0
	27.0	76.0	0.3	0.5	232.0	105.0	118.0
	10.0	0.3	2.5	20.0	5.0	5.0	428.0
	85.0	44.0	8.0	2.5	15.0	10.0	100.0
	0.5	24.0	128.0				
46264-2489	0.5	51.3	2.0	3.3	10.0	4135.0	1.1
	1.3	0.3	0.3	3.0	14.0	92.0	8.0
	24.0	18.0	0.3	2.0	984.0	10.0	71.0
	2.5	0.3	2.5	8.0	5.0	5.0	91.0
	52.0	54.0	0.5	2.5	36.0	10.0	47.0
	0.5	99.0	165.0				
46264-2490	3.0	33.1	0.5	5.7	4.0	1493.0	1.0
	0.3	0.9	1.6	15.0	21.0	80.0	1.0
	21.0	52.0	0.3	0.5	272.0	58.0	93.0
	2.5	0.3	2.5	15.0	5.0	5.0	350.0
	63.0	30.0	5.0	2.5	11.0	10.0	79.0
	0.5	16.0	96.0				
46264-2498	0.5	41.2	2.1	3.7	10.0	5754.0	1.4
	1.5	0.3	0.2	4.0	15.0	129.0	5.0
	31.0	23.0	0.3	1.0	1699.0	10.0	85.0
	2.5	0.3	8.0	7.0	5.0	5.0	68.0
	114.0	98.0	0.5	2.5	47.0	10.0	41.0
	0.5	124.0	239.0				
46264-2499	4.0	31.8	0.6	3.7	2.5	308.0	0.5
	0.4	1.0	1.1	5.0	13.0	42.0	2.0
	8.0	28.0	0.3	0.5	433.0	29.0	54.0
	13.0	0.3	2.5	11.0	5.0	5.0	282.0
	40.0	24.0	3.0	2.5	6.0	10.0	84.0
	2.0	16.0	124.0				
46264-2500	0.5	41.4	1.2	3.1	3.6	750.0	0.5
	0.6	0.8	0.8	3.0	14.0	41.0	1.0
	7.0	21.0	0.3	0.5	528.0	23.0	61.0
	2.5	0.3	2.5	12.0	5.0	5.0	248.0
	41.0	26.0	9.0	2.5	9.0	10.0	83.0
	0.5	21.0	218.0				
46264-2501	0.5	40.5	1.5	3.1	6.6	1411.0	0.7
	0.9	0.7	0.7	3.0	15.0	51.0	3.0
	10.0	21.0	0.3	0.5	542.0	18.0	75.0
	2.5	0.3	2.5	14.0	5.0	5.0	199.0
	42.0	28.0	5.0	2.5	15.0	10.0	79.0
	0.5	38.0	146.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2502	0.5	54.7	1.7	3.0	10.0	3152.0	0.9
	1.1	0.4	0.4	3.0	14.0	76.0	5.0
	19.0	16.0	0.3	0.5	869.0	11.0	63.0
	2.5	0.3	2.5	10.0	5.0	5.0	134.0
	68.0	51.0	0.5	2.5	27.0	10.0	59.0
	0.5	71.0	170.0				
46264-2503	1.0	38.9	5.4	3.5	10.0	2601.0	1.1
	1.5	0.5	0.4	4.0	10.0	68.0	7.0
	16.0	21.0	0.3	0.5	649.0	13.0	81.0
	2.5	0.3	2.5	11.0	5.0	5.0	140.0
	43.0	40.0	0.5	2.5	26.0	10.0	79.0
	0.5	71.0	131.0				
46264-2504	5.0	59.7	1.3	2.7	10.0	5547.0	0.9
	0.9	0.0	0.0	4.0	3.0	112.0	10.0
	36.0	14.0	0.3	3.0	1304.0	5.0	53.0
	2.5	0.3	10.0	1.0	5.0	5.0	21.0
	56.0	70.0	3.0	2.5	44.0	10.0	10.0
	0.5	114.0	34.0				
46264-2505	2.0	47.6	1.6	3.3	8.1	1508.0	0.7
	0.9	0.6	0.7	5.0	19.0	58.0	5.0
	14.0	26.0	0.3	0.5	488.0	20.0	69.0
	2.5	0.3	2.5	13.0	5.0	5.0	174.0
	49.0	35.0	0.5	2.5	16.0	10.0	68.0
	2.0	38.0	136.0				
46264-2506	1.0	33.6	0.8	2.9	3.0	573.0	0.5
	0.6	0.8	0.8	4.0	14.0	38.0	2.0
	7.0	21.0	0.3	0.5	410.0	19.0	62.0
	2.5	0.3	2.5	10.0	5.0	5.0	224.0
	30.0	19.0	3.0	2.5	7.0	10.0	81.0
	2.0	19.0	92.0				
46264-2507	2.0	50.9	1.7	3.3	10.0	4748.0	1.2
	1.2	0.2	0.2	3.0	9.0	102.0	5.0
	29.0	20.0	0.3	0.5	1069.0	7.0	60.0
	2.5	0.3	5.0	4.0	5.0	5.0	56.0
	58.0	59.0	0.5	2.5	42.0	10.0	29.0
	0.5	120.0	137.0				
46264-2508	1.0	55.1	1.6	3.3	10.0	2914.0	0.9
	1.2	0.4	0.4	4.0	18.0	78.0	5.0
	21.0	22.0	0.3	0.5	745.0	12.0	82.0
	2.5	0.3	2.5	10.0	5.0	5.0	126.0
	47.0	43.0	0.5	2.5	28.0	10.0	66.0
	0.5	79.0	116.0				
46264-2509	0.5	34.1	1.4	3.4	10.0	3346.0	1.3
	1.5	0.4	0.3	3.0	12.0	87.0	4.0
	21.0	22.0	0.3	0.5	933.0	11.0	68.0
	2.5	0.3	2.5	10.0	5.0	5.0	106.0
	60.0	49.0	0.5	2.5	32.0	10.0	58.0
	0.5	85.0	207.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2510	2.0	27.6	0.7	3.7	3.6	1000.0	0.7
	0.4	0.9	1.1	6.0	3.0	50.0	0.5
	10.0	31.0	0.3	0.5	398.0	27.0	49.0
	2.5	0.3	2.5	14.0	5.0	5.0	252.0
	42.0	18.0	2.0	2.5	7.0	10.0	66.0
	0.5	19.0	102.0				
46264-2512	0.5	25.9	0.7	3.6	3.0	500.0	0.6
	0.5	0.8	0.9	7.0	5.0	46.0	0.5
	9.0	31.0	0.3	0.5	385.0	26.0	53.0
	9.0	0.3	2.5	15.0	5.0	5.0	213.0
	41.0	18.0	2.0	2.5	7.0	10.0	67.0
	0.5	18.0	115.0				
46264-2513	0.5	18.0	0.5	4.8	3.1	500.0	0.8
	0.3	0.8	1.5	11.0	8.0	64.0	5.0
	11.0	44.0	0.3	0.5	301.0	43.0	73.0
	6.0	0.3	2.5	15.0	5.0	5.0	300.0
	45.0	20.0	4.0	2.5	8.0	10.0	76.0
	0.5	15.0	101.0				
46264-2517	0.5	42.2	2.5	3.5	10.0	4746.0	1.2
	1.3	0.2	0.2	3.0	14.0	100.0	7.0
	23.0	19.0	0.3	2.0	1119.0	9.0	109.0
	2.5	0.3	2.5	8.0	5.0	5.0	69.0
	47.0	55.0	0.5	2.5	41.0	10.0	40.0
	0.5	119.0	236.0				
46264-2519	0.5	34.6	1.1	3.4	5.4	1000.0	0.8
	1.2	0.7	0.7	3.0	8.0	52.0	0.5
	10.0	16.0	0.3	0.5	364.0	15.0	53.0
	11.0	0.3	2.5	16.0	5.0	5.0	227.0
	29.0	11.0	2.0	2.5	14.0	10.0	107.0
	7.0	43.0	85.0				
46264-2559	1.0	43.5	0.4	3.1	1.8	232.0	0.4
	0.4	0.9	0.9	4.0	7.0	37.0	3.0
	6.0	19.0	0.3	0.5	318.0	17.0	41.0
	2.5	0.3	2.5	9.0	5.0	5.0	237.0
	35.0	20.0	3.0	2.5	5.0	10.0	80.0
	4.0	13.0	88.0				
46264-2577	1.0	47.0	1.3	2.6	5.8	765.0	0.5
	0.3	0.3	0.7	11.0	20.0	48.0	3.0
	15.0	36.0	0.3	0.5	461.0	27.0	81.0
	2.5	0.3	2.5	11.0	5.0	5.0	166.0
	32.0	22.0	1.0	2.5	9.0	10.0	38.0
	0.5	18.0	87.0				
46264-2578	1.0	33.6	0.3	3.9	2.8	1337.0	0.6
	0.3	0.6	1.0	9.0	22.0	80.0	3.0
	16.0	43.0	0.3	0.5	339.0	78.0	60.0
	20.0	0.3	2.5	11.0	5.0	5.0	288.0
	55.0	25.0	4.0	2.5	7.0	10.0	62.0
	0.5	17.0	84.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2581	1.0	39.9	0.3	2.2	1.5	173.0	0.3
	0.3	0.5	0.7	4.0	8.0	30.0	2.0
	5.0	17.0	0.3	0.5	382.0	21.0	30.0
	2.5	0.3	2.5	7.0	5.0	5.0	193.0
	23.0	13.0	3.0	2.5	3.0	10.0	60.0
	0.5	9.0	65.0				
46264-2582	1.0	34.2	0.3	2.5	1.6	230.0	0.3
	0.2	0.6	0.8	5.0	9.0	38.0	3.0
	7.0	21.0	0.3	0.5	466.0	33.0	37.0
	2.5	0.3	2.5	7.0	5.0	5.0	215.0
	30.0	17.0	3.0	2.5	3.0	10.0	51.0
	0.5	10.0	74.0				
46264-2583	1.0	23.6	0.3	2.6	2.1	250.0	0.4
	0.3	0.6	0.8	6.0	9.0	37.0	2.0
	7.0	25.0	0.3	0.5	534.0	30.0	42.0
	2.5	0.3	2.5	8.0	5.0	5.0	206.0
	26.0	15.0	3.0	2.5	4.0	10.0	60.0
	0.5	10.0	55.0				
46264-2584	3.0	28.8	0.4	2.9	2.3	304.0	0.5
	0.3	0.6	0.9	7.0	15.0	39.0	2.0
	8.0	29.0	0.3	0.5	509.0	33.0	50.0
	16.0	0.3	2.5	10.0	5.0	5.0	210.0
	32.0	19.0	4.0	2.5	5.0	10.0	62.0
	0.5	12.0	112.0				
46264-2585	2.0	24.1	0.4	4.0	3.2	507.0	0.8
	0.3	0.5	1.2	15.0	17.0	49.0	2.0
	14.0	43.0	0.3	0.5	275.0	42.0	74.0
	8.0	0.3	2.5	11.0	5.0	5.0	270.0
	42.0	23.0	4.0	2.5	8.0	10.0	70.0
	3.0	15.0	71.0				
46264-2588	1.0	35.1	0.4	3.1	2.9	313.0	0.5
	0.3	0.5	0.9	10.0	15.0	51.0	3.0
	8.0	27.0	0.3	0.5	292.0	27.0	53.0
	2.5	0.3	2.5	9.0	5.0	5.0	327.0
	25.0	17.0	3.0	2.5	5.0	10.0	74.0
	0.5	10.0	51.0				
46264-2589	1.0	22.3	0.8	3.8	4.2	481.0	0.6
	0.4	0.6	1.1	13.0	22.0	62.0	5.0
	11.0	41.0	0.3	0.5	346.0	33.0	84.0
	2.5	0.3	2.5	13.0	5.0	5.0	305.0
	38.0	24.0	2.0	2.5	8.0	10.0	76.0
	0.5	14.0	73.0				
46264-2595	1.0	15.7	0.3	3.7	2.4	760.0	0.7
	0.3	0.4	1.2	13.0	35.0	58.0	4.0
	9.0	29.0	0.3	0.5	252.0	31.0	68.0
	2.5	0.3	2.5	10.0	5.0	5.0	325.0
	35.0	21.0	4.0	2.5	7.0	10.0	69.0
	0.5	13.0	52.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2618	0.5 0.9 13.0 2.5 45.0 0.5	24.0 0.6 30.0 0.3 23.0 12.0	0.3 0.9 0.6 2.5 6.0 58.0	4.0 12.0 0.5 16.0 2.5	3.4 14.0 273.0 5.0 7.0	515.0 43.0 29.0 5.0 10.0	0.6 2.0 71.0 224.0 80.0
46264-2619	0.5 0.8 12.0 21.0 52.0 0.5	29.9 0.8 33.0 0.3 23.0 15.0	0.3 0.8 0.3 2.5 6.0 53.0	3.8 10.0 0.5 15.0 2.5	3.4 17.0 289.0 5.0 8.0	613.0 64.0 30.0 5.0 10.0	0.6 2.0 65.0 278.0 89.0
46264-2620	2.0 5.9 7.0 2.5 16.0 0.5	27.7 0.6 24.0 6.8 22.0 21.0	0.8 0.8 0.3 2.5 10.0 131.0	3.1 9.0 0.5 4.0 2.5	3.6 14.0 357.0 5.0 9.0	553.0 46.0 20.0 5.0 10.0	0.7 7.0 78.0 342.0 198.0
46264-2621	0.5 3.5 8.0 2.5 26.0 0.5	28.3 0.6 26.0 6.6 19.0 17.0	0.7 0.9 0.6 2.5 7.0 66.0	3.1 9.0 0.5 10.0 2.5	3.5 17.0 339.0 5.0 7.0	471.0 50.0 27.0 5.0 10.0	0.6 4.0 73.0 371.0 143.0
46264-2622	0.5 0.9 10.0 7.0 33.0 0.5	32.3 0.7 33.0 5.9 16.0 16.0	0.5 0.8 0.5 2.5 6.0 80.0	3.0 10.0 0.5 12.0 2.5	3.4 12.0 388.0 5.0 6.0	421.0 66.0 24.0 5.0 10.0	0.4 3.0 63.0 331.0 101.0
46264-2623	0.5 3.7 8.0 5.0 29.0 5.0	29.5 0.7 25.0 7.6 21.0 23.0	0.9 0.9 0.3 2.5 9.0 113.0	3.1 9.0 0.5 11.0 2.5	4.2 8.0 404.0 5.0 9.0	649.0 49.0 17.0 5.0 10.0	0.5 2.0 84.0 319.0 162.0
46264-2624	0.5 0.6 9.0 2.5 40.0 2.0	26.7 0.7 30.0 4.8 17.0 12.0	0.3 1.0 0.3 2.5 5.0 62.0	3.5 11.0 0.5 11.0 2.5	2.7 9.0 336.0 14.0 6.0	485.0 63.0 27.0 5.0 10.0	0.4 1.0 53.0 383.0 104.0
46264-2625	0.5 2.4 17.0 14.0 33.0 0.5	24.1 0.5 59.0 6.7 19.0 12.0	0.2 1.1 0.9 2.5 8.0 55.0	3.2 22.0 0.5 12.0 2.5	3.6 22.0 219.0 5.0 6.0	468.0 81.0 27.0 5.0 10.0	0.5 3.0 58.0 448.0 123.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2626	0.5	24.5	0.3	2.7	2.3	278.0	0.8
	4.5	0.5	0.9	13.0	13.0	39.0	1.0
	7.0	30.0	0.3	0.5	277.0	22.0	51.0
	2.5	5.0	2.5	5.0	5.0	5.0	397.0
	13.0	17.0	9.0	2.5	5.0	10.0	173.0
	0.5	12.0	57.0				
46264-2627	0.5	21.6	0.2	3.1	2.0	254.0	0.5
	0.3	0.6	1.0	6.0	6.0	54.0	1.0
	7.0	25.0	0.3	0.5	294.0	37.0	51.0
	2.5	3.8	2.5	9.0	5.0	5.0	299.0
	28.0	14.0	5.0	2.5	4.0	10.0	77.0
	0.5	9.0	51.0				
46264-2628	0.5	24.6	0.7	3.5	4.5	712.0	0.5
	0.7	0.6	1.0	14.0	16.0	79.0	0.5
	14.0	41.0	0.7	0.5	302.0	29.0	86.0
	2.5	8.1	2.5	15.0	5.0	5.0	313.0
	49.0	21.0	6.0	2.5	7.0	10.0	90.0
	0.5	16.0	59.0				
46264-2629	0.5	19.7	0.3	3.8	2.1	815.0	0.5
	0.3	0.4	1.3	14.0	13.0	74.0	0.5
	9.0	36.0	0.3	0.5	205.0	51.0	74.0
	2.5	4.3	2.5	13.0	5.0	5.0	335.0
	39.0	22.0	7.0	2.5	6.0	10.0	80.0
	0.5	14.0	64.0				
46264-2632	0.5	34.5	0.5	4.3	3.8	443.0	0.7
	1.2	0.8	1.0	12.0	10.0	63.0	8.0
	9.0	27.0	0.3	0.5	295.0	37.0	72.0
	9.0	6.8	2.5	16.0	5.0	5.0	322.0
	47.0	24.0	8.0	2.5	9.0	10.0	107.0
	0.5	17.0	95.0				
46264-2633	0.5	31.5	0.3	4.9	3.3	399.0	0.8
	1.6	0.7	1.2	12.0	9.0	62.0	4.0
	9.0	29.0	0.3	0.5	211.0	45.0	58.0
	2.5	6.1	2.5	16.0	5.0	5.0	330.0
	46.0	25.0	8.0	2.5	8.0	10.0	110.0
	0.5	14.0	64.0				
46264-2634	0.5	33.3	1.2	3.2	5.3	680.0	0.6
	2.0	0.7	0.8	8.0	14.0	55.0	3.0
	8.0	22.0	0.3	0.5	368.0	23.0	105.0
	2.5	9.1	2.5	15.0	5.0	5.0	596.0
	37.0	22.0	6.0	2.5	10.0	25.0	129.0
	4.0	23.0	72.0				
46264-2635	0.5	33.2	0.3	4.1	3.0	355.0	0.7
	2.9	0.6	1.1	11.0	12.0	53.0	3.0
	7.0	26.0	0.3	0.5	229.0	38.0	56.0
	12.0	5.8	2.5	13.0	5.0	5.0	264.0
	36.0	22.0	8.0	2.5	7.0	10.0	129.0
	0.5	15.0	57.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-2636	0.5 1.9 11.0 2.5 46.0 2.0	29.6 0.8 27.0 7.1 26.0 19.0	0.7 1.0 0.3 2.5 5.0 65.0	3.7 11.0 0.5 16.0 2.5	4.0 13.0 346.0 5.0 9.0	575.0 85.0 23.0 5.0 10.0	0.6 4.0 76.0 2000.0 222.0
46264-2637	0.5 3.0 8.0 2.5 42.0 0.5	28.4 0.7 22.0 7.6 26.0 21.0	0.8 0.9 0.3 2.5 7.0 92.0	3.7 9.0 0.5 13.0 2.5	4.1 7.0 363.0 5.0 9.0	569.0 51.0 29.0 5.0 10.0	0.7 3.0 79.0 330.0 140.0
46264-2638	0.5 2.1 28.0 27.0 83.0 0.5	34.0 0.2 24.0 28.3 51.0 86.0	1.1 0.1 0.3 8.0 5.0 116.0	3.1 10.0 0.5 18.0 2.5	10.0 13.0 1272.0 30.0 34.0	3447.0 91.0 7.0 5.0 10.0	0.9 2.0 124.0 2000.0 87.0
46264-2639	0.5 3.2 21.0 10.0 45.0 2.0	41.4 0.6 28.0 17.4 32.0 48.0	1.2 0.4 0.3 2.5 4.0 92.0	4.3 13.0 0.5 18.0 2.5	10.0 13.0 605.0 5.0 26.0	1774.0 70.0 15.0 5.0 10.0	1.1 2.0 150.0 1036.0 130.0
46264-2640	0.5 3.7 8.0 2.5 23.0 1.0	32.2 0.7 25.0 6.5 19.0 21.0	0.4 0.8 0.3 2.5 8.0 66.0	3.5 11.0 0.5 9.0 2.5	3.3 5.0 277.0 5.0 9.0	452.0 49.0 23.0 5.0 10.0	0.7 2.0 80.0 674.0 171.0
46264-2641	0.5 2.8 23.0 49.0 51.0 0.5	38.3 0.7 30.0 19.9 33.0 47.0	0.8 0.5 0.3 9.0 6.0 69.0	4.1 14.0 0.5 16.0 2.5	10.0 12.0 664.0 24.0 25.0	1908.0 76.0 17.0 5.0 10.0	1.0 3.0 109.0 1229.0 127.0
46264-2642	0.5 6.6 7.0 2.5 2.5 1.0	26.5 0.5 27.0 5.1 17.0 14.0	0.2 0.9 0.3 2.5 8.0 43.0	3.1 13.0 0.5 1.0 2.5	2.1 8.0 206.0 5.0 6.0	358.0 52.0 21.0 5.0 10.0	0.6 4.0 50.0 595.0 216.0
46264-2643	0.5 2.6 14.0 11.0 45.0 0.5	32.7 0.8 31.0 12.5 26.0 32.0	1.4 0.8 0.3 2.5 10.0 119.0	4.2 14.0 0.5 19.0 2.5	7.7 12.0 468.0 5.0 18.0	1159.0 63.0 23.0 5.0 10.0	1.0 0.5 166.0 1124.0 131.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2644	1.0	28.6	0.5	3.7	3.4	502.0	0.7
	5.4	0.6	0.9	12.0	9.0	58.0	4.0
	10.0	26.0	0.3	0.5	219.0	29.0	75.0
	2.5	7.0	2.5	6.0	5.0	5.0	2000.0
	17.0	21.0	10.0	2.5	9.0	10.0	244.0
	4.0	20.0	67.0				
46264-2645	0.5	32.4	1.4	4.1	10.0	1929.0	1.1
	2.9	0.6	0.5	13.0	14.0	73.0	3.0
	19.0	33.0	0.3	0.5	701.0	16.0	164.0
	2.5	18.0	5.0	19.0	5.0	5.0	1226.0
	46.0	30.0	2.0	2.5	26.0	10.0	121.0
	0.5	51.0	113.0				
46264-2646	0.5	25.3	0.2	4.1	2.4	564.0	0.6
	3.0	0.7	1.2	13.0	9.0	67.0	3.0
	8.0	27.0	0.6	0.5	206.0	32.0	55.0
	2.5	5.3	2.5	11.0	5.0	5.0	519.0
	36.0	22.0	8.0	2.5	6.0	10.0	155.0
	0.5	15.0	60.0				
46264-2647	0.5	34.2	1.2	4.5	7.3	1032.0	1.2
	3.2	0.8	0.6	14.0	9.0	64.0	2.0
	18.0	36.0	0.3	0.5	459.0	21.0	191.0
	8.0	11.6	2.5	19.0	11.0	5.0	1044.0
	42.0	26.0	11.0	2.5	21.0	10.0	134.0
	0.5	31.0	130.0				
46264-2648	1818.0	40.3	0.5	3.4	3.4	470.0	0.8
	6.2	0.6	0.9	12.0	9.0	46.0	2.0
	10.0	28.0	0.3	0.5	192.0	20.0	84.0
	2.5	6.6	2.5	2.0	5.0	5.0	551.0
	7.0	19.0	9.0	2.5	9.0	10.0	203.0
	0.5	19.0	64.0				
46264-2649	1.0	44.4	1.0	3.2	10.0	3628.0	0.9
	2.1	0.2	0.1	10.0	12.0	96.0	3.0
	31.0	25.0	0.3	0.5	1224.0	7.0	137.0
	36.0	29.9	7.0	17.0	36.0	5.0	1551.0
	74.0	47.0	7.0	2.5	36.0	10.0	69.0
	6.0	90.0	92.0				
46264-2650	0.5	37.0	1.0	3.9	10.0	1979.0	1.0
	2.8	0.6	0.4	15.0	12.0	76.0	0.5
	25.0	36.0	0.3	2.0	764.0	15.0	138.0
	16.0	21.0	9.0	20.0	21.0	5.0	1954.0
	48.0	32.0	5.0	2.5	26.0	10.0	130.0
	0.5	48.0	60.0				
46264-2651	1.0	27.6	0.5	3.3	4.8	636.0	0.5
	1.4	0.6	0.9	29.0	29.0	65.0	5.0
	18.0	61.0	0.5	0.5	337.0	28.0	73.0
	6.0	8.2	2.5	14.0	5.0	5.0	696.0
	38.0	21.0	8.0	2.5	8.0	23.0	111.0
	0.5	17.0	78.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-2652	0.5	29.0	1.1	3.3	10.0	2259.0	0.9
	2.2	0.4	0.3	12.0	11.0	81.0	3.0
	25.0	25.0	0.3	0.5	908.0	12.0	142.0
	22.0	25.0	9.0	19.0	19.0	5.0	2000.0
	71.0	42.0	3.0	2.5	26.0	10.0	107.0
	1.0	53.0	156.0				
46264-3000	0.5	28.3	1.4	5.3	10.0	2000.0	2.5
	2.3	0.9	0.6	32.0	1.0	183.0	0.5
	41.0	57.0	0.3	0.5	119.0	96.0	325.0
	2.5	0.3	7.0	28.0	5.0	5.0	1428.0
	28.0	12.0	0.5	2.5	32.0	10.0	223.0
	0.5	23.0	101.0				
46264-3001	0.5	30.2	1.4	5.4	9.0	3000.0	2.3
	3.1	1.3	0.6	30.0	5.0	201.0	0.5
	34.0	46.0	0.3	1.0	135.0	96.0	255.0
	5.0	0.3	6.0	24.0	5.0	5.0	937.0
	28.0	14.0	0.5	2.5	36.0	10.0	239.0
	0.5	27.0	103.0				
46264-3002	1.0	30.0	0.8	5.8	6.9	917.0	1.6
	2.8	1.0	1.0	40.0	18.0	88.0	3.0
	35.0	63.0	0.3	0.5	1313.0	26.0	247.0
	18.0	11.8	2.5	21.0	5.0	5.0	237.0
	45.0	26.0	7.0	2.5	23.0	10.0	131.0
	2.0	24.0	99.0				
46264-3003	0.5	30.6	1.1	4.7	7.0	889.0	1.1
	3.5	0.8	0.6	15.0	16.0	53.0	3.0
	17.0	38.0	0.3	0.5	759.0	15.0	211.0
	6.0	11.9	2.5	19.0	5.0	5.0	161.0
	53.0	33.0	9.0	2.5	21.0	10.0	138.0
	0.5	33.0	260.0				
46264-3004	0.5	36.0	0.4	4.7	3.4	339.0	0.9
	1.1	1.0	1.1	12.0	13.0	68.0	2.0
	14.0	45.0	0.3	0.5	268.0	31.0	97.0
	2.5	6.5	2.5	16.0	5.0	5.0	258.0
	44.0	22.0	7.0	2.5	11.0	10.0	83.0
	0.5	17.0	89.0				
46264-3005	3.0	25.5	0.8	4.3	5.5	717.0	1.0
	2.7	0.7	0.6	17.0	12.0	49.0	0.5
	16.0	36.0	0.5	0.5	746.0	16.0	173.0
	12.0	9.1	2.5	17.0	5.0	5.0	155.0
	38.0	23.0	6.0	2.5	18.0	10.0	112.0
	2.0	24.0	121.0				
46264-3006	0.5	41.3	0.5	3.4	3.5	413.0	0.7
	1.3	0.7	0.7	12.0	8.0	34.0	2.0
	10.0	28.0	0.3	0.5	368.0	16.0	95.0
	22.0	6.0	2.5	14.0	5.0	5.0	190.0
	32.0	17.0	5.0	2.5	10.0	10.0	86.0
	2.0	15.0	88.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3007	0.5	27.2	0.8	6.0	6.7	1473.0	3.1
	2.0	0.8	0.9	32.0	14.0	124.0	6.0
	33.0	74.0	0.3	0.5	133.0	119.0	221.0
	2.5	10.9	2.5	18.0	13.0	5.0	2000.0
	32.0	21.0	6.0	2.5	24.0	10.0	130.0
	0.5	19.0	98.0				
46264-3008	0.5	30.5	1.0	3.8	5.2	661.0	0.8
	1.3	0.9	0.8	10.0	12.0	47.0	4.0
	12.0	34.0	0.3	0.5	857.0	19.0	124.0
	2.5	8.7	2.5	16.0	11.0	5.0	190.0
	52.0	27.0	8.0	2.5	13.0	10.0	83.0
	0.5	24.0	183.0				
46264-3010	253.0	18.1	0.3	3.0	2.0	203.0	0.4
	0.5	0.9	0.7	6.0	3.0	28.0	2.0
	7.0	25.0	0.3	0.5	504.0	21.0	56.0
	2.5	3.6	2.5	9.0	5.0	5.0	200.0
	31.0	16.0	5.0	2.5	5.0	10.0	59.0
	1.0	11.0	99.0				
46264-3011	0.5	41.7	1.5	1.9	10.0	4974.0	1.2
	2.3	0.4	0.2	8.0	10.0	450.0	6.0
	40.0	37.0	0.3	1.0	331.0	27.0	253.0
	2.5	0.3	2.5	10.0	5.0	5.0	345.0
	25.0	49.0	0.5	2.5	40.0	10.0	221.0
	0.5	31.0	107.0				
46264-3012	2.0	51.1	1.8	1.6	10.0	5595.0	1.0
	2.0	0.3	0.1	8.0	9.0	496.0	7.0
	47.0	42.0	0.3	2.0	371.0	27.0	323.0
	2.5	0.3	5.0	12.0	5.0	5.0	291.0
	26.0	55.0	0.5	2.5	38.0	10.0	219.0
	0.5	28.0	141.0				
46264-3013	3.0	27.6	2.6	5.3	7.8	1277.0	2.6
	3.1	0.9	0.6	15.0	17.0	124.0	3.0
	23.0	32.0	0.3	0.5	152.0	35.0	301.0
	2.5	0.3	2.5	18.0	5.0	5.0	408.0
	15.0	26.0	0.5	2.5	35.0	10.0	246.0
	2.0	22.0	128.0				
46264-3014	2.0	25.0	1.7	2.7	10.0	4091.0	1.4
	2.0	0.5	0.3	16.0	16.0	377.0	7.0
	38.0	41.0	0.3	0.5	207.0	43.0	262.0
	2.5	0.3	9.0	15.0	5.0	5.0	452.0
	34.0	44.0	0.5	2.5	35.0	10.0	223.0
	0.5	25.0	82.0				
46264-3015	2.0	27.1	1.6	2.5	10.0	4582.0	1.3
	2.3	0.6	0.3	11.0	11.0	444.0	6.0
	39.0	34.0	0.3	2.0	232.0	38.0	274.0
	2.5	0.3	2.5	14.0	5.0	5.0	496.0
	28.0	48.0	0.5	2.5	36.0	10.0	257.0
	0.5	27.0	110.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
46264-3016	3.0	44.8	1.7	2.7	10.0	4439.0	1.3
	2.3	0.6	0.3	12.0	12.0	430.0	5.0
	39.0	32.0	0.3	2.0	174.0	41.0	264.0
	2.5	0.3	2.5	16.0	5.0	5.0	522.0
	32.0	48.0	0.5	2.5	35.0	10.0	263.0
	0.5	27.0	99.0				
46264-3100	0.5	30.8	0.7	2.5	10.0	2000.0	2.3
	4.3	0.5	0.3	10.0	4.0	222.0	0.5
	30.0	38.0	0.3	0.5	514.0	27.0	114.0
	2.5	0.3	10.0	12.0	5.0	5.0	242.0
	16.0	13.0	3.0	2.5	53.0	10.0	162.0
	0.5	30.0	91.0				
46264-3101	0.5	26.9	0.9	4.1	8.1	2000.0	3.2
	5.7	1.1	0.3	23.0	5.0	204.0	0.5
	31.0	57.0	0.3	0.5	190.0	32.0	211.0
	2.5	0.3	6.0	11.0	5.0	5.0	377.0
	2.5	12.0	0.5	2.5	57.0	10.0	222.0
	3.0	26.0	67.0				
46264-3102	0.5	34.6	0.5	3.2	3.3	500.0	0.6
	0.4	0.6	0.9	11.0	5.0	48.0	0.5
	9.0	36.0	0.3	1.0	358.0	25.0	61.0
	5.0	0.3	2.5	13.0	5.0	5.0	198.0
	34.0	15.0	0.5	2.5	5.0	10.0	60.0
	0.5	15.0	82.0				
46264-3103	0.5	5.1	0.5	6.7	4.0	500.0	1.0
	0.2	0.7	1.6	17.0	12.0	82.0	0.5
	14.0	55.0	0.3	0.5	279.0	44.0	100.0
	2.5	0.3	2.5	23.0	5.0	5.0	333.0
	63.0	27.0	7.0	2.5	10.0	10.0	60.0
	4.0	16.0	99.0				
46264-3104	0.5	37.2	0.9	3.4	6.6	1000.0	1.2
	1.4	0.8	0.8	8.0	5.0	96.0	0.5
	17.0	31.0	0.3	0.5	376.0	33.0	90.0
	5.0	0.3	5.0	17.0	5.0	5.0	344.0
	47.0	19.0	0.5	2.5	20.0	10.0	116.0
	2.0	24.0	119.0				
46264-3105	0.5	37.0	0.4	5.0	3.3	500.0	0.9
	0.1	0.7	1.8	12.0	3.0	57.0	6.0
	11.0	49.0	0.3	0.5	220.0	51.0	74.0
	2.5	0.3	2.5	14.0	5.0	5.0	322.0
	56.0	24.0	4.0	2.5	8.0	10.0	38.0
	0.5	17.0	93.0				
46264-3106	0.5	34.9	0.6	5.7	5.2	500.0	2.1
	1.2	1.0	0.9	31.0	8.0	63.0	0.5
	24.0	50.0	0.3	0.5	110.0	36.0	131.0
	2.5	0.3	5.0	20.0	5.0	5.0	1604.0
	27.0	12.0	3.0	2.5	14.0	10.0	135.0
	0.5	14.0	92.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3107	0.5	39.1	0.5	3.6	3.5	609.0	0.8
	3.8	0.8	0.9	14.0	11.0	68.0	2.0
	10.0	25.0	0.3	0.5	213.0	17.0	92.0
	2.5	6.4	2.5	9.0	5.0	5.0	866.0
	23.0	19.0	9.0	2.5	10.0	10.0	174.0
	1.0	17.0	60.0				
46264-3108	0.5	36.0	0.7	4.1	4.6	671.0	0.9
	3.8	0.9	0.8	12.0	11.0	52.0	2.0
	11.0	25.0	0.3	0.5	253.0	20.0	116.0
	9.0	8.2	2.5	13.0	10.0	5.0	624.0
	28.0	22.0	10.0	2.5	13.0	10.0	168.0
	0.5	23.0	87.0				
46264-3109	0.5	30.2	0.6	3.9	4.0	675.0	0.9
	5.1	0.8	0.8	13.0	7.0	53.0	3.0
	12.0	26.0	0.3	0.5	226.0	21.0	107.0
	2.5	7.4	2.5	7.0	12.0	5.0	2000.0
	19.0	21.0	9.0	2.5	12.0	10.0	216.0
	0.5	20.0	60.0				
46264-3110	0.5	29.4	0.3	3.6	2.7	456.0	0.6
	4.4	0.7	0.9	11.0	10.0	54.0	2.0
	8.0	25.0	0.3	0.5	202.0	24.0	64.0
	2.5	5.4	2.5	5.0	5.0	5.0	952.0
	18.0	19.0	9.0	2.5	7.0	10.0	176.0
	3.0	14.0	56.0				
46264-3111	0.5	25.2	0.2	2.9	1.7	255.0	0.8
	9.5	0.6	0.8	11.0	5.0	34.0	3.0
	5.0	16.0	0.3	0.5	139.0	17.0	47.0
	2.5	4.3	2.5	1.0	5.0	5.0	761.0
	2.5	16.0	9.0	2.5	6.0	10.0	278.0
	0.5	15.0	45.0				
46264-3112	0.5	29.8	0.5	3.4	3.5	510.0	0.8
	6.1	0.7	0.8	13.0	8.0	51.0	2.0
	11.0	24.0	0.3	0.5	213.0	17.0	89.0
	2.5	6.9	2.5	1.0	5.0	5.0	2000.0
	12.0	21.0	10.0	2.5	10.0	10.0	248.0
	0.5	19.0	64.0				
46264-3113	0.5	24.1	0.5	4.0	3.6	583.0	0.7
	3.2	1.1	0.9	10.0	10.0	47.0	3.0
	9.0	23.0	0.3	0.5	312.0	18.0	84.0
	2.5	6.9	2.5	11.0	5.0	5.0	595.0
	25.0	19.0	10.0	2.5	10.0	10.0	183.0
	3.0	20.0	91.0				
46264-3114	0.5	33.0	0.5	3.4	3.8	578.0	0.7
	3.6	0.8	0.7	13.0	10.0	44.0	2.0
	11.0	26.0	0.3	0.5	290.0	16.0	103.0
	2.5	7.0	2.5	10.0	5.0	5.0	1075.0
	20.0	18.0	7.0	2.5	11.0	10.0	175.0
	0.5	18.0	60.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3115	0.5	31.0	0.7	3.8	4.0	649.0	0.8
	4.7	0.9	0.9	10.0	11.0	41.0	8.0
	9.0	20.0	0.3	0.5	272.0	16.0	90.0
	2.5	7.4	2.5	7.0	5.0	5.0	360.0
	23.0	22.0	10.0	2.5	12.0	10.0	194.0
	3.0	23.0	88.0				
46264-3116	0.5	24.4	1.1	4.4	6.5	982.0	0.9
	1.9	0.9	0.9	13.0	14.0	64.0	4.0
	14.0	34.0	0.3	0.5	575.0	28.0	136.0
	6.0	10.6	2.5	19.0	11.0	5.0	1687.0
	55.0	30.0	10.0	2.5	16.0	10.0	127.0
	1.0	28.0	178.0				
46264-3117	58.0	34.0	0.9	3.5	10.0	1913.0	0.9
	2.2	0.6	0.5	12.0	15.0	79.0	2.0
	24.0	30.0	0.3	0.5	936.0	16.0	114.0
	17.0	21.5	7.0	18.0	27.0	5.0	2000.0
	81.0	47.0	7.0	2.5	24.0	10.0	113.0
	0.5	47.0	128.0				
46264-3118	279.0	41.8	0.8	4.4	10.0	1550.0	1.2
	3.0	0.7	0.6	14.0	14.0	73.0	2.0
	21.0	33.0	0.3	0.5	604.0	20.0	130.0
	2.5	17.3	2.5	18.0	17.0	5.0	1433.0
	50.0	34.0	8.0	2.5	25.0	10.0	127.0
	0.5	42.0	115.0				
46264-3119	0.5	27.4	0.4	3.4	3.0	449.0	0.5
	0.4	0.6	1.0	13.0	12.0	56.0	2.0
	10.0	39.0	0.3	0.5	287.0	33.0	65.0
	8.0	5.3	2.5	9.0	5.0	5.0	282.0
	39.0	20.0	5.0	2.5	7.0	10.0	73.0
	0.5	14.0	76.0				
46264-3120	0.5	29.7	0.3	3.6	3.0	1020.0	0.7
	0.5	0.6	1.0	12.0	16.0	80.0	2.0
	12.0	37.0	0.3	0.5	292.0	29.0	75.0
	2.5	5.5	2.5	10.0	5.0	5.0	236.0
	42.0	19.0	5.0	2.5	7.0	10.0	75.0
	0.5	12.0	76.0				
46264-3121	0.5	29.7	0.8	2.8	10.0	2903.0	2.9
	5.0	0.7	0.2	21.0	7.0	321.0	2.0
	44.0	59.0	0.3	0.5	306.0	22.0	225.0
	2.5	19.8	2.5	12.0	14.0	5.0	350.0
	12.0	26.0	6.0	2.5	65.0	10.0	187.0
	0.5	24.0	77.0				
46264-3123	3.0	34.2	0.6	3.9	4.8	386.0	0.7
	0.5	0.7	1.0	19.0	28.0	58.0	3.0
	15.0	43.0	0.3	0.5	285.0	29.0	77.0
	2.5	0.3	2.5	12.0	5.0	5.0	1155.0
	40.0	26.0	5.0	2.5	8.0	10.0	99.0
	0.5	15.0	73.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3124	2.0	40.0	1.1	3.8	7.5	636.0	0.7
	0.7	0.8	0.9	45.0	132.0	65.0	9.0
	17.0	42.0	0.3	2.0	300.0	27.0	119.0
	2.5	0.3	2.5	13.0	5.0	5.0	1474.0
	43.0	32.0	4.0	2.5	10.0	10.0	116.0
	6.0	20.0	115.0				
46264-3127	2.0	34.1	0.5	3.8	3.9	526.0	1.0
	3.0	0.7	1.3	31.0	34.0	68.0	6.0
	16.0	46.0	0.3	0.5	252.0	28.0	67.0
	2.5	0.3	2.5	8.0	5.0	5.0	2000.0
	32.0	28.0	8.0	2.5	8.0	10.0	150.0
	0.5	17.0	78.0				
46264-3129	1.0	48.6	1.9	3.9	10.0	3282.0	1.1
	1.4	0.7	0.6	2.0	21.0	77.0	4.0
	17.0	21.0	0.3	0.5	1077.0	12.0	60.0
	2.5	0.3	2.5	13.0	5.0	5.0	185.0
	69.0	52.0	0.5	2.5	28.0	10.0	87.0
	0.5	76.0	208.0				
46264-3130	1.0	51.7	1.6	3.7	10.0	2409.0	0.9
	1.5	0.5	0.6	6.0	19.0	76.0	3.0
	20.0	27.0	0.3	1.0	758.0	15.0	113.0
	2.5	0.3	2.5	15.0	5.0	5.0	224.0
	64.0	52.0	0.5	2.5	23.0	10.0	92.0
	1.0	56.0	146.0				
46264-3131	1.0	47.4	1.0	2.7	4.1	711.0	0.5
	0.8	0.6	0.7	3.0	15.0	34.0	3.0
	7.0	14.0	0.3	0.5	342.0	11.0	61.0
	2.5	0.3	2.5	13.0	5.0	5.0	219.0
	24.0	16.0	3.0	2.5	8.0	10.0	90.0
	2.0	21.0	59.0				
46264-3200	1.0	35.1	0.5	3.6	3.8	559.0	0.7
	1.9	0.5	0.7	12.0	11.0	44.0	1.0
	13.0	28.0	0.3	0.5	298.0	21.0	130.0
	2.5	6.4	2.5	14.0	5.0	5.0	192.0
	31.0	17.0	6.0	2.5	12.0	10.0	94.0
	2.0	16.0	66.0				
46264-3201	0.5	29.0	0.3	3.5	3.0	386.0	0.7
	1.5	0.7	0.8	13.0	7.0	39.0	2.0
	12.0	35.0	0.3	0.5	388.0	19.0	102.0
	2.5	5.3	2.5	13.0	5.0	5.0	163.0
	29.0	16.0	5.0	2.5	12.0	10.0	68.0
	0.5	14.0	88.0				
46264-3202	0.5	35.1	1.1	6.5	8.4	1783.0	3.3
	1.5	1.0	0.7	39.0	12.0	123.0	0.5
	38.0	62.0	0.3	0.5	84.0	82.0	258.0
	11.0	13.7	2.5	23.0	5.0	5.0	948.0
	36.0	20.0	6.0	2.5	22.0	10.0	197.0
	1.0	19.0	133.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3203	0.5	26.7	1.3	3.9	6.1	939.0	0.8
	2.3	0.8	0.6	10.0	12.0	51.0	1.0
	13.0	28.0	0.3	0.5	470.0	14.0	172.0
	2.5	10.0	2.5	18.0	17.0	5.0	377.0
	42.0	25.0	11.0	2.5	16.0	10.0	111.0
	2.0	30.0	142.0				
46264-3204	0.5	31.3	0.8	3.2	4.0	666.0	0.6
	0.9	0.8	0.7	6.0	5.0	47.0	8.0
	11.0	25.0	0.3	0.5	1491.0	21.0	67.0
	2.5	7.1	2.5	13.0	5.0	5.0	195.0
	86.0	42.0	7.0	2.5	11.0	10.0	80.0
	8.0	28.0	382.0				
46264-3205	0.5	42.3	0.6	3.5	3.6	590.0	0.7
	1.3	0.8	0.7	9.0	11.0	39.0	3.0
	11.0	28.0	0.3	0.5	534.0	22.0	101.0
	2.5	6.4	2.5	14.0	5.0	5.0	190.0
	39.0	20.0	6.0	2.5	11.0	10.0	87.0
	0.5	19.0	135.0				
46264-3206	0.5	37.7	0.6	5.2	5.6	1172.0	1.3
	2.7	1.0	0.8	23.0	14.0	82.0	2.0
	25.0	54.0	0.3	0.5	661.0	40.0	190.0
	2.5	9.5	2.5	17.0	5.0	5.0	187.0
	43.0	23.0	6.0	2.5	21.0	10.0	116.0
	0.5	24.0	92.0				
46264-3207	2.0	31.6	0.5	4.4	3.8	873.0	1.3
	0.8	0.8	1.1	14.0	16.0	79.0	2.0
	16.0	43.0	0.3	0.5	245.0	41.0	96.0
	7.0	0.3	2.5	12.0	5.0	5.0	625.0
	40.0	24.0	4.0	2.5	11.0	10.0	98.0
	2.0	16.0	67.0				
46264-3208	4.0	32.0	0.3	4.3	2.9	2080.0	0.9
	0.2	0.6	1.9	14.0	16.0	75.0	2.0
	14.0	62.0	0.3	0.5	315.0	36.0	64.0
	2.5	0.3	2.5	12.0	5.0	5.0	319.0
	51.0	26.0	4.0	2.5	8.0	10.0	40.0
	0.5	21.0	70.0				
46264-3209	2.0	22.1	0.3	4.1	2.7	446.0	0.9
	0.2	0.7	1.7	11.0	13.0	45.0	3.0
	12.0	52.0	0.3	0.5	394.0	32.0	63.0
	9.0	0.3	2.5	11.0	5.0	5.0	281.0
	45.0	25.0	4.0	2.5	7.0	10.0	47.0
	0.5	16.0	70.0				
46264-3210	1.0	35.6	0.5	3.8	2.4	211.0	0.7
	0.2	0.8	1.5	9.0	10.0	35.0	2.0
	10.0	44.0	0.3	0.5	375.0	20.0	62.0
	2.5	0.3	2.5	13.0	5.0	5.0	268.0
	41.0	22.0	4.0	2.5	7.0	10.0	51.0
	5.0	14.0	102.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3211	4.0	26.4	1.8	5.4	9.8	1721.0	2.2
	2.9	0.8	0.5	36.0	22.0	135.0	5.0
	38.0	50.0	0.3	0.5	223.0	30.0	359.0
	2.5	0.3	2.5	18.0	5.0	5.0	625.0
	22.0	33.0	0.5	2.5	33.0	10.0	218.0
	0.5	27.0	139.0				
46264-3212	2.0	27.3	1.1	4.4	5.0	831.0	2.4
	3.7	1.0	0.7	13.0	22.0	137.0	4.0
	21.0	45.0	0.3	0.5	314.0	40.0	222.0
	2.5	0.3	2.5	9.0	5.0	5.0	425.0
	18.0	25.0	0.5	2.5	39.0	10.0	152.0
	0.5	24.0	96.0				
46264-3213	0.5	28.3	1.0	3.2	5.0	463.0	0.6
	0.4	0.7	1.3	14.0	21.0	58.0	5.0
	14.0	45.0	0.3	0.5	1366.0	23.0	137.0
	2.5	0.3	2.5	13.0	5.0	5.0	260.0
	55.0	31.0	0.5	2.5	9.0	10.0	53.0
	0.5	27.0	172.0				
46264-3214	0.5	28.7	0.2	3.3	1.5	126.0	0.5
	0.2	1.1	0.9	3.0	9.0	46.0	2.0
	6.0	24.0	0.3	0.5	334.0	29.0	41.0
	2.5	0.3	2.5	7.0	5.0	5.0	233.0
	25.0	15.0	3.0	2.5	3.0	10.0	68.0
	0.5	8.0	54.0				
46264-3215	0.5	26.5	0.8	5.2	4.9	583.0	1.2
	0.5	0.9	1.4	18.0	23.0	77.0	5.0
	18.0	67.0	0.3	0.5	210.0	41.0	142.0
	2.5	0.3	2.5	14.0	5.0	5.0	319.0
	49.0	32.0	2.0	2.5	13.0	10.0	103.0
	0.5	18.0	106.0				
46264-3216	0.5	32.6	0.6	2.9	2.3	193.0	0.5
	0.1	0.5	1.1	7.0	10.0	37.0	3.0
	7.0	35.0	0.3	0.5	614.0	23.0	60.0
	2.5	0.3	2.5	9.0	5.0	5.0	202.0
	42.0	24.0	2.0	2.5	6.0	10.0	34.0
	0.5	15.0	99.0				
46264-3300	0.5	25.4	0.3	4.6	3.0	362.0	0.6
	0.5	0.8	1.2	9.0	12.0	58.0	2.0
	9.0	29.0	0.3	0.5	252.0	41.0	53.0
	2.5	5.4	2.5	14.0	5.0	5.0	309.0
	40.0	21.0	5.0	2.5	6.0	10.0	98.0
	0.5	12.0	59.0				
46264-3301	0.5	21.3	0.2	3.5	2.5	314.0	0.7
	6.0	0.5	0.9	14.0	8.0	77.0	4.0
	6.0	24.0	0.3	0.5	223.0	30.0	50.0
	2.5	5.4	2.5	1.0	5.0	5.0	610.0
	8.0	19.0	9.0	2.5	6.0	10.0	216.0
	2.0	14.0	45.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3302	0.5	26.5	0.3	5.3	3.6	311.0	0.8
	0.4	0.7	1.2	11.0	9.0	52.0	3.0
	11.0	33.0	0.3	0.5	256.0	60.0	63.0
	2.5	6.2	2.5	14.0	5.0	5.0	278.0
	47.0	25.0	6.0	2.5	8.0	10.0	79.0
	0.5	14.0	74.0				
46264-3303	0.5	24.7	0.5	4.3	3.8	485.0	0.7
	2.6	0.7	1.0	14.0	12.0	55.0	3.0
	9.0	29.0	0.3	0.5	275.0	32.0	82.0
	2.5	6.8	2.5	14.0	5.0	5.0	331.0
	36.0	23.0	8.0	2.5	10.0	10.0	136.0
	0.5	18.0	70.0				
46264-3304	0.5	24.5	0.3	3.8	2.3	479.0	0.5
	0.4	0.6	1.1	11.0	11.0	53.0	2.0
	8.0	29.0	0.3	0.5	257.0	37.0	52.0
	2.5	4.6	2.5	12.0	5.0	5.0	253.0
	36.0	20.0	5.0	2.5	6.0	10.0	74.0
	1.0	13.0	59.0				
46264-3305	0.5	22.8	0.8	5.4	5.3	696.0	1.7
	1.6	1.2	0.8	20.0	17.0	92.0	4.0
	23.0	44.0	0.3	0.5	222.0	38.0	181.0
	2.5	0.3	2.5	15.0	5.0	5.0	1353.0
	32.0	25.0	3.0	2.5	19.0	10.0	190.0
	0.5	20.0	102.0				
46264-3306	0.5	25.6	0.9	6.1	5.8	1242.0	2.1
	1.8	1.2	0.9	30.0	17.0	102.0	4.0
	28.0	47.0	0.3	0.5	127.0	54.0	189.0
	10.0	0.3	2.5	16.0	5.0	5.0	1231.0
	31.0	25.0	2.0	2.5	21.0	10.0	210.0
	0.5	20.0	110.0				
46264-3307	0.5	24.1	1.0	6.3	5.9	1992.0	1.9
	2.0	1.4	1.0	27.0	24.0	122.0	5.0
	28.0	48.0	0.3	0.5	107.0	62.0	208.0
	2.5	0.3	2.5	18.0	5.0	5.0	1966.0
	36.0	30.0	1.0	2.5	22.0	10.0	265.0
	0.5	23.0	126.0				
46264-3308	0.5	26.9	1.0	6.5	6.3	1120.0	2.8
	1.9	1.1	0.9	38.0	18.0	93.0	3.0
	30.0	62.0	0.3	0.5	130.0	72.0	209.0
	2.5	0.3	2.5	16.0	5.0	5.0	1896.0
	28.0	26.0	1.0	2.5	25.0	10.0	146.0
	0.5	20.0	121.0				
46264-3309	0.5	23.4	0.9	5.7	5.9	834.0	2.4
	2.4	0.9	1.1	31.0	11.0	91.0	1.0
	25.0	47.0	0.3	0.5	201.0	59.0	198.0
	2.5	0.3	2.5	13.0	5.0	5.0	2000.0
	15.0	22.0	1.0	2.5	26.0	10.0	168.0
	0.5	18.0	86.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
46264-3310	0.5	25.8	0.3	3.3	2.5	217.0	0.5
	0.1	0.3	1.3	20.0	20.0	48.0	3.0
	9.0	39.0	0.3	0.5	426.0	22.0	59.0
	2.5	0.3	2.5	7.0	5.0	5.0	223.0
	30.0	19.0	2.0	2.5	6.0	10.0	27.0
	1.0	10.0	77.0				
46264-3311	2.0	28.5	0.4	5.1	3.0	749.0	1.0
	0.2	0.7	1.9	14.0	16.0	41.0	3.0
	15.0	63.0	0.3	0.5	317.0	50.0	88.0
	2.5	0.3	2.5	12.0	5.0	5.0	315.0
	52.0	30.0	3.0	2.5	10.0	10.0	43.0
	2.0	19.0	88.0				
46264-3312	0.5	27.0	0.4	2.9	2.1	164.0	0.6
	0.2	0.5	1.2	7.0	13.0	28.0	1.0
	8.0	35.0	0.3	0.5	492.0	24.0	53.0
	2.5	0.3	2.5	7.0	5.0	5.0	222.0
	38.0	22.0	1.0	2.5	5.0	10.0	33.0
	0.5	13.0	75.0				
46264-3313	0.5	21.7	0.5	4.5	3.3	1062.0	0.9
	0.5	0.9	1.2	13.0	18.0	96.0	1.0
	16.0	45.0	0.3	0.5	358.0	50.0	92.0
	2.5	0.3	2.5	11.0	5.0	5.0	312.0
	48.0	25.0	3.0	2.5	9.0	10.0	81.0
	0.5	16.0	99.0				
2011	0.5	40.2	1.4	3.9	7.3	1137.0	0.8
	1.4	0.7	0.7	10.0	14.0	71.0	0.5
	16.0	38.0	0.3	0.5	519.0	33.0	154.0
	9.0	0.3	2.5	19.0	5.0	5.0	961.0
	47.0	22.0	12.0	2.5	13.0	10.0	103.0
	0.5	42.0	133.0				
2012	0.5	36.3	0.6	4.1	3.8	449.0	0.7
	0.6	1.0	1.0	9.0	13.0	69.0	0.5
	13.0	54.0	0.3	0.5	447.0	45.0	84.0
	2.5	0.3	2.5	15.0	5.0	5.0	721.0
	45.0	20.0	8.0	2.5	7.0	10.0	93.0
	0.5	19.0	120.0				
2013	0.5	25.7	0.3	4.1	3.5	1045.0	0.6
	1.7	0.5	1.3	28.0	22.0	94.0	0.5
	17.0	44.0	0.9	0.5	227.0	37.0	73.0
	2.5	0.3	2.5	15.0	5.0	5.0	2000.0
	56.0	26.0	8.0	2.5	6.0	10.0	225.0
	0.5	18.0	68.0				
2014	0.5	33.3	0.8	4.2	4.4	687.0	0.8
	0.5	0.9	1.0	10.0	14.0	70.0	0.5
	14.0	42.0	0.3	0.5	542.0	50.0	94.0
	8.0	0.3	2.5	17.0	5.0	5.0	1390.0
	53.0	23.0	10.0	2.5	8.0	10.0	93.0
	0.5	21.0	139.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2015	0.5	28.8	0.3	3.3	2.6	491.0	0.8
	6.5	0.5	1.0	18.0	13.0	68.0	0.5
	10.0	27.0	0.3	0.5	206.0	18.0	68.0
	2.5	0.3	2.5	1.0	5.0	5.0	2000.0
	6.0	19.0	9.0	2.5	4.0	10.0	260.0
	0.5	16.0	49.0				
2016	0.5	37.3	0.4	3.6	3.2	388.0	0.6
	1.2	0.8	0.9	14.0	11.0	45.0	0.5
	10.0	24.0	0.3	0.5	298.0	21.0	81.0
	2.5	0.3	2.5	14.0	5.0	5.0	293.0
	30.0	14.0	6.0	2.5	7.0	10.0	107.0
	0.5	13.0	70.0				
2017	0.5	36.5	0.8	4.0	6.0	803.0	0.9
	2.2	0.8	0.7	19.0	14.0	50.0	0.5
	16.0	32.0	0.3	0.5	368.0	21.0	144.0
	2.5	0.3	2.5	17.0	5.0	5.0	246.0
	36.0	17.0	8.0	2.5	14.0	10.0	127.0
	0.5	25.0	90.0				
2018	0.5	31.3	0.2	2.6	1.5	267.0	1.0
	9.8	0.4	0.9	13.0	9.0	50.0	0.5
	6.0	17.0	0.3	0.5	117.0	15.0	44.0
	2.5	0.3	2.5	1.0	5.0	5.0	2000.0
	2.5	13.0	8.0	2.5	2.0	10.0	305.0
	0.5	12.0	30.0				
2019	0.5	30.0	0.9	4.0	4.6	627.0	0.8
	1.1	0.9	1.0	10.0	16.0	74.0	0.5
	15.0	42.0	0.3	0.5	565.0	45.0	95.0
	9.0	0.3	2.5	18.0	5.0	5.0	2000.0
	58.0	25.0	9.0	2.5	7.0	10.0	125.0
	4.0	22.0	150.0				
2020	468.0	35.5	2.0	3.3	10.0	2053.0	0.8
	0.8	0.6	0.7	9.0	18.0	91.0	0.5
	23.0	36.0	0.3	0.5	937.0	33.0	145.0
	21.0	0.3	2.5	21.0	5.0	5.0	2000.0
	72.0	29.0	4.0	2.5	17.0	10.0	142.0
	0.5	43.0	99.0				
2021	1.0	27.4	0.1	2.6	1.5	354.0	0.8
	10.0	0.3	0.9	19.0	13.0	58.0	4.0
	9.0	20.0	0.3	0.5	67.0	16.0	43.0
	2.5	0.3	2.5	1.0	5.0	5.0	2000.0
	2.5	16.0	8.0	2.5	2.0	10.0	438.0
	0.5	13.0	39.0				
2022	0.5	29.1	0.3	3.8	3.6	520.0	0.6
	2.5	0.5	1.1	24.0	25.0	82.0	2.0
	21.0	43.0	0.8	0.5	223.0	42.0	71.0
	18.0	0.3	2.5	13.0	5.0	5.0	2000.0
	43.0	24.0	8.0	2.5	5.0	10.0	375.0
	0.5	17.0	76.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2023	0.5	36.2	1.4	2.8	10.0	3024.0	0.7
	0.8	0.4	0.4	9.0	16.0	102.0	0.5
	28.0	28.0	0.3	1.0	1069.0	20.0	116.0
	36.0	0.3	2.5	14.0	5.0	5.0	2000.0
	76.0	32.0	4.0	2.5	23.0	10.0	92.0
	0.5	62.0	65.0				
2024	0.5	30.3	0.3	5.0	3.0	485.0	0.6
	3.1	0.3	1.7	22.0	23.0	80.0	1.0
	15.0	37.0	0.6	0.5	71.0	38.0	69.0
	2.5	0.3	2.5	15.0	5.0	5.0	1336.0
	58.0	33.0	10.0	2.5	8.0	10.0	169.0
	0.5	27.0	130.0				
2025	0.5	31.5	0.3	5.4	2.6	720.0	0.6
	0.7	0.3	1.8	27.0	25.0	123.0	0.5
	11.0	39.0	0.3	0.5	77.0	54.0	77.0
	2.5	0.3	2.5	19.0	5.0	5.0	557.0
	69.0	35.0	8.0	2.5	8.0	10.0	93.0
	2.0	23.0	92.0				
2026	0.5	31.5	0.3	3.5	2.5	435.0	0.5
	1.2	0.6	0.9	11.0	13.0	70.0	0.5
	10.0	33.0	0.3	0.5	287.0	50.0	61.0
	2.5	0.3	2.5	12.0	5.0	5.0	1917.0
	36.0	19.0	6.0	2.5	3.0	10.0	108.0
	0.5	14.0	53.0				
2027	0.5	29.5	0.2	4.1	2.7	559.0	0.6
	0.9	0.5	1.1	11.0	15.0	79.0	0.5
	11.0	35.0	0.3	0.5	176.0	58.0	71.0
	12.0	0.3	2.5	13.0	5.0	5.0	921.0
	42.0	21.0	6.0	2.5	5.0	10.0	92.0
	3.0	14.0	51.0				
2028	0.5	32.0	0.3	3.8	2.7	425.0	0.6
	0.5	0.8	0.9	10.0	12.0	70.0	0.5
	12.0	37.0	0.3	0.5	280.0	56.0	68.0
	2.5	0.3	2.5	12.0	5.0	5.0	322.0
	37.0	17.0	5.0	2.5	5.0	10.0	73.0
	0.5	14.0	66.0				
2029	0.5	30.0	0.3	4.4	3.2	607.0	0.7
	0.4	0.8	1.1	10.0	13.0	101.0	0.5
	17.0	54.0	0.3	0.5	236.0	91.0	74.0
	10.0	0.3	2.5	13.0	5.0	5.0	283.0
	45.0	20.0	5.0	2.5	5.0	10.0	70.0
	1.0	15.0	63.0				
2030	0.5	27.8	0.3	4.4	2.7	540.0	0.5
	0.4	0.4	1.3	23.0	25.0	71.0	7.0
	9.0	24.0	0.3	0.5	135.0	28.0	61.0
	2.5	0.3	2.5	16.0	5.0	5.0	345.0
	48.0	23.0	7.0	2.5	6.0	10.0	68.0
	0.5	20.0	139.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2031	0.5	43.4	0.5	3.3	3.2	459.0	0.5
	1.5	0.8	0.8	9.0	11.0	44.0	2.0
	9.0	26.0	0.3	0.5	333.0	19.0	78.0
	2.5	0.3	2.5	14.0	5.0	5.0	778.0
	27.0	14.0	7.0	2.5	7.0	10.0	126.0
	0.5	17.0	65.0				
2032	0.5	39.9	0.4	3.4	2.8	394.0	0.5
	1.3	0.9	0.9	10.0	10.0	46.0	1.0
	9.0	27.0	0.6	0.5	302.0	23.0	65.0
	2.5	0.3	2.5	13.0	5.0	5.0	669.0
	28.0	14.0	6.0	2.5	6.0	10.0	119.0
	6.0	16.0	69.0				
2033	0.5	21.6	0.2	4.0	2.2	576.0	0.7
	0.3	0.6	1.3	11.0	13.0	64.0	0.5
	10.0	36.0	0.3	0.5	161.0	40.0	68.0
	2.5	0.3	2.5	11.0	5.0	5.0	285.0
	38.0	19.0	4.0	2.5	4.0	10.0	82.0
	0.5	11.0	69.0				
2034	0.5	18.8	0.3	4.9	2.9	893.0	0.8
	0.3	0.8	1.4	13.0	19.0	128.0	0.5
	15.0	49.0	0.3	0.5	221.0	54.0	83.0
	2.5	0.3	2.5	14.0	5.0	5.0	452.0
	47.0	23.0	5.0	2.5	6.0	10.0	80.0
	0.5	16.0	96.0				
2035	0.5	29.0	0.4	4.5	3.5	692.0	0.9
	0.6	0.8	1.1	12.0	18.0	98.0	0.5
	13.0	49.0	0.3	0.5	297.0	49.0	88.0
	2.5	0.3	2.5	16.0	5.0	5.0	322.0
	49.0	21.0	6.0	2.5	7.0	10.0	72.0
	3.0	17.0	90.0				
2036	0.5	28.2	0.3	5.8	3.7	839.0	1.1
	0.3	1.0	1.5	12.0	12.0	86.0	0.5
	18.0	63.0	0.3	0.5	225.0	79.0	90.0
	2.5	0.3	2.5	16.0	5.0	5.0	354.0
	60.0	26.0	6.0	2.5	8.0	10.0	73.0
	0.5	17.0	102.0				
2037	0.5	27.4	0.5	5.3	3.9	1249.0	0.9
	0.3	0.9	1.4	12.0	15.0	95.0	0.5
	17.0	60.0	0.3	0.5	263.0	67.0	91.0
	2.5	0.3	2.5	16.0	5.0	5.0	349.0
	60.0	24.0	7.0	2.5	8.0	10.0	69.0
	0.5	18.0	95.0				
2038	0.5	27.0	0.4	5.3	3.5	1199.0	0.9
	0.4	0.9	1.4	12.0	14.0	104.0	0.5
	17.0	64.0	0.3	0.5	275.0	68.0	84.0
	2.5	0.3	2.5	16.0	5.0	5.0	354.0
	58.0	23.0	6.0	2.5	8.0	10.0	72.0
	0.5	17.0	93.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2039	0.5	24.1	0.4	5.2	3.6	357.0	0.9
	0.3	0.9	1.3	16.0	11.0	57.0	0.5
	14.0	54.0	0.3	0.5	284.0	35.0	87.0
	6.0	0.3	2.5	16.0	5.0	5.0	253.0
	51.0	23.0	6.0	2.5	8.0	10.0	63.0
	0.5	14.0	103.0				
2040	0.5	25.6	0.5	4.8	3.4	514.0	0.8
	0.3	0.9	1.3	12.0	13.0	54.0	4.0
	14.0	45.0	0.3	0.5	242.0	52.0	84.0
	2.5	0.3	2.5	12.0	5.0	5.0	296.0
	42.0	22.0	5.0	2.5	7.0	10.0	69.0
	0.5	14.0	96.0				
2041	0.5	25.8	0.4	5.9	3.7	945.0	1.1
	0.2	1.0	1.6	13.0	15.0	79.0	0.5
	21.0	64.0	0.3	0.5	222.0	63.0	93.0
	9.0	0.3	2.5	15.0	5.0	5.0	325.0
	60.0	28.0	6.0	2.5	9.0	10.0	63.0
	0.5	17.0	105.0				
2042	0.5	26.1	0.5	4.8	3.4	546.0	0.8
	0.4	0.9	1.2	9.0	13.0	75.0	0.5
	13.0	48.0	0.3	0.5	300.0	72.0	79.0
	2.5	0.3	2.5	14.0	5.0	5.0	299.0
	46.0	23.0	6.0	2.5	7.0	10.0	80.0
	1.0	17.0	88.0				
2043	0.5	29.5	0.3	6.1	4.7	1251.0	1.1
	0.3	0.9	1.7	14.0	16.0	87.0	0.5
	22.0	62.0	0.3	0.5	209.0	63.0	98.0
	2.5	0.3	2.5	16.0	5.0	5.0	336.0
	62.0	28.0	7.0	2.5	9.0	10.0	64.0
	5.0	16.0	107.0				
2044	0.5	23.9	0.4	6.1	3.8	627.0	1.1
	0.2	0.9	1.7	15.0	19.0	91.0	0.5
	18.0	62.0	0.3	0.5	232.0	59.0	102.0
	2.5	0.3	2.5	18.0	5.0	5.0	325.0
	62.0	29.0	7.0	2.5	10.0	10.0	62.0
	0.5	17.0	112.0				
2050	0.5	44.2	0.9	3.4	4.5	655.0	0.5
	0.7	0.8	0.8	5.0	9.0	56.0	0.5
	11.0	26.0	0.3	0.5	325.0	31.0	87.0
	2.5	0.3	2.5	15.0	5.0	5.0	250.0
	38.0	17.0	5.0	2.5	6.0	10.0	96.0
	0.5	17.0	77.0				
2051	0.5	35.1	1.1	3.5	5.6	1075.0	0.6
	0.9	0.7	0.8	6.0	13.0	71.0	0.5
	13.0	28.0	0.3	0.5	423.0	29.0	91.0
	2.5	0.3	2.5	16.0	5.0	5.0	235.0
	43.0	20.0	9.0	2.5	9.0	10.0	87.0
	0.5	29.0	88.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2052	0.5	44.6	0.4	3.8	2.8	1247.0	0.5
	0.3	0.7	1.0	9.0	13.0	79.0	4.0
	15.0	42.0	0.3	0.5	267.0	57.0	63.0
	2.5	0.3	2.5	11.0	5.0	5.0	264.0
	48.0	20.0	4.0	2.5	8.0	10.0	64.0
	0.5	19.0	67.0				
2053	0.5	54.5	0.7	3.3	4.6	668.0	0.5
	0.8	0.8	0.9	5.0	7.0	54.0	0.5
	11.0	24.0	0.3	0.5	259.0	33.0	64.0
	10.0	0.3	2.5	15.0	5.0	5.0	242.0
	33.0	17.0	0.5	2.5	9.0	10.0	101.0
	0.5	21.0	42.0				
2054	0.5	20.4	0.2	3.5	2.1	376.0	0.4
	0.4	0.8	1.1	7.0	7.0	68.0	1.0
	7.0	26.0	0.3	0.5	360.0	46.0	44.0
	2.5	0.3	2.5	11.0	5.0	5.0	283.0
	29.0	15.0	3.0	2.5	5.0	10.0	88.0
	1.0	9.0	61.0				
2055	0.5	35.8	0.5	3.0	2.9	474.0	0.4
	0.6	0.8	0.8	5.0	8.0	41.0	2.0
	7.0	17.0	0.3	0.5	344.0	27.0	57.0
	9.0	0.3	2.5	12.0	5.0	5.0	254.0
	29.0	14.0	3.0	2.5	6.0	10.0	101.0
	0.5	14.0	62.0				
2056	129.0	34.5	0.8	2.7	10.0	2338.0	0.7
	1.0	0.5	0.4	4.0	8.0	72.0	0.5
	19.0	17.0	0.3	0.5	572.0	13.0	41.0
	27.0	0.3	2.5	13.0	5.0	5.0	137.0
	52.0	29.0	0.5	2.5	23.0	10.0	70.0
	0.5	59.0	99.0				
2057	0.5	37.6	0.4	3.3	2.2	447.0	0.4
	0.4	0.9	1.0	5.0	7.0	46.0	0.5
	8.0	24.0	0.3	0.5	311.0	31.0	44.0
	2.5	0.3	2.5	12.0	5.0	5.0	282.0
	34.0	16.0	2.0	2.5	5.0	10.0	91.0
	0.5	12.0	71.0				
2058	0.5	52.4	0.6	3.2	3.3	624.0	0.5
	0.8	0.7	0.8	5.0	7.0	58.0	2.0
	10.0	25.0	0.3	0.5	272.0	26.0	67.0
	2.5	0.3	2.5	14.0	5.0	5.0	231.0
	32.0	16.0	3.0	2.5	8.0	10.0	92.0
	0.5	18.0	56.0				
2059	0.5	42.7	0.3	3.8	2.4	669.0	0.4
	0.5	0.9	1.1	6.0	8.0	76.0	1.0
	11.0	24.0	0.3	0.5	261.0	35.0	51.0
	20.0	0.3	2.5	14.0	5.0	5.0	331.0
	34.0	16.0	4.0	2.5	6.0	10.0	111.0
	0.5	12.0	56.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2089	178.0	58.4	0.9	3.0	10.0	2925.0	0.8
	1.9	0.3	0.3	13.0	15.0	96.0	3.0
	32.0	26.0	0.6	2.0	1210.0	11.0	142.0
	29.0	0.3	6.0	17.0	5.0	5.0	2000.0
	65.0	43.0	3.0	2.5	30.0	10.0	103.0
	0.5	67.0	70.0				
2090	1.0	32.1	0.7	4.9	5.7	933.0	1.1
	3.2	0.8	0.9	19.0	16.0	68.0	0.5
	21.0	35.0	0.9	0.5	293.0	27.0	189.0
	23.0	0.3	2.5	20.0	5.0	5.0	2000.0
	37.0	26.0	8.0	2.5	18.0	10.0	188.0
	0.5	24.0	76.0				
2091	0.5	38.7	0.9	4.4	5.8	980.0	1.0
	2.5	0.8	1.1	17.0	15.0	65.0	6.0
	16.0	31.0	0.7	0.5	331.0	28.0	139.0
	12.0	0.3	2.5	19.0	5.0	5.0	1864.0
	44.0	27.0	4.0	2.5	15.0	10.0	147.0
	0.5	25.0	90.0				
2092	0.5	27.1	0.4	3.7	3.9	968.0	0.7
	1.1	0.8	1.1	22.0	15.0	56.0	4.0
	16.0	39.0	0.3	0.5	306.0	29.0	87.0
	6.0	0.3	2.5	16.0	5.0	5.0	1008.0
	40.0	20.0	6.0	2.5	9.0	10.0	113.0
	1.0	15.0	52.0				
2093	1.0	31.2	0.4	4.0	4.7	974.0	0.8
	1.1	0.7	1.2	31.0	18.0	66.0	3.0
	20.0	43.0	0.6	0.5	285.0	28.0	95.0
	15.0	0.3	2.5	17.0	5.0	5.0	331.0
	43.0	21.0	7.0	2.5	10.0	10.0	94.0
	0.5	14.0	67.0				
2104	4.0	34.3	0.4	3.7	2.9	544.0	0.7
	1.3	0.8	0.8	7.0	7.0	60.0	4.0
	9.0	21.0	0.3	0.5	215.0	31.0	77.0
	2.5	0.3	2.5	12.0	5.0	5.0	491.0
	27.0	15.0	6.0	2.5	9.0	10.0	99.0
	0.5	15.0	63.0				
2105	0.5	28.1	0.4	5.1	3.9	1057.0	1.0
	1.3	0.8	1.2	16.0	12.0	94.0	2.0
	14.0	33.0	0.3	0.5	163.0	37.0	101.0
	2.5	0.3	2.5	15.0	5.0	5.0	397.0
	42.0	23.0	8.0	2.5	11.0	10.0	101.0
	0.5	16.0	75.0				
2106	5.0	36.1	0.3	4.6	3.7	1917.0	0.9
	1.0	0.8	1.2	16.0	17.0	91.0	3.0
	15.0	32.0	0.3	0.5	151.0	38.0	83.0
	2.5	0.3	2.5	13.0	5.0	5.0	452.0
	43.0	20.0	7.0	2.5	9.0	10.0	91.0
	2.0	13.0	69.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2107	0.5	39.7	0.5	3.9	3.8	783.0	0.8
	2.2	0.8	0.7	7.0	9.0	63.0	3.0
	11.0	24.0	0.6	2.0	258.0	25.0	111.0
	2.5	0.3	2.5	14.0	5.0	5.0	759.0
	25.0	17.0	7.0	2.5	12.0	10.0	121.0
	0.5	18.0	108.0				
2120	0.5	33.7	0.8	3.0	5.1	964.0	0.5
	0.9	0.7	0.7	4.0	4.0	47.0	0.5
	10.0	20.0	0.5	0.5	485.0	27.0	51.0
	13.0	0.3	2.5	14.0	5.0	5.0	192.0
	39.0	20.0	0.5	2.5	12.0	10.0	88.0
	0.5	29.0	73.0				
2121	0.5	48.9	0.5	3.1	3.4	541.0	0.5
	0.7	0.7	0.8	7.0	8.0	39.0	1.0
	8.0	24.0	0.3	0.5	329.0	31.0	65.0
	10.0	0.3	2.5	13.0	5.0	5.0	224.0
	32.0	16.0	3.0	2.5	8.0	10.0	92.0
	0.5	16.0	62.0				
2122	0.5	43.7	0.5	2.5	2.8	386.0	0.4
	0.6	0.6	0.7	4.0	7.0	45.0	2.0
	7.0	16.0	0.3	0.5	368.0	25.0	57.0
	13.0	0.3	2.5	12.0	5.0	5.0	192.0
	29.0	14.0	2.0	2.5	6.0	10.0	80.0
	1.0	14.0	60.0				
2123	0.5	52.9	0.5	3.0	3.2	464.0	0.4
	0.7	0.8	0.8	5.0	10.0	40.0	0.5
	8.0	24.0	0.3	0.5	259.0	36.0	60.0
	13.0	0.3	2.5	15.0	5.0	5.0	232.0
	30.0	16.0	3.0	2.5	7.0	10.0	97.0
	1.0	16.0	49.0				
2128	0.5	43.2	0.4	3.2	2.6	366.0	0.5
	0.6	0.8	0.8	6.0	8.0	42.0	1.0
	7.0	35.0	0.3	0.5	284.0	37.0	56.0
	2.5	0.3	2.5	12.0	5.0	5.0	218.0
	30.0	15.0	4.0	2.5	6.0	10.0	85.0
	0.5	14.0	48.0				
2130	0.5	34.6	0.5	2.9	2.2	399.0	0.4
	0.5	0.8	0.8	3.0	1.0	33.0	2.0
	7.0	20.0	0.3	0.5	509.0	20.0	41.0
	2.5	0.3	2.5	13.0	5.0	5.0	245.0
	30.0	15.0	3.0	2.5	6.0	10.0	90.0
	0.5	15.0	89.0				
2131	0.5	20.1	0.3	3.0	1.3	199.0	0.3
	0.4	1.0	1.0	5.0	6.0	33.0	5.0
	6.0	17.0	0.3	0.5	440.0	18.0	29.0
	6.0	0.3	2.5	10.0	5.0	5.0	285.0
	32.0	16.0	3.0	2.5	4.0	10.0	102.0
	0.5	10.0	116.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2132	0.5	30.9	0.3	3.2	1.8	172.0	0.4
	0.2	0.9	0.8	6.0	4.0	53.0	2.0
	10.0	31.0	0.3	0.5	523.0	26.0	42.0
	6.0	0.3	2.5	10.0	5.0	5.0	203.0
	38.0	18.0	3.0	2.5	5.0	10.0	56.0
	0.5	11.0	85.0				
2133	0.5	28.7	0.2	3.0	1.7	205.0	0.4
	0.3	0.8	0.9	5.0	4.0	37.0	2.0
	7.0	24.0	0.3	0.5	364.0	24.0	35.0
	6.0	0.3	2.5	11.0	5.0	5.0	244.0
	26.0	13.0	3.0	2.5	4.0	10.0	79.0
	0.5	8.0	46.0				
2134	0.5	33.9	0.3	3.9	2.2	202.0	0.5
	0.3	0.9	1.1	8.0	5.0	35.0	1.0
	9.0	33.0	0.3	0.5	295.0	29.0	58.0
	9.0	0.3	2.5	13.0	5.0	5.0	259.0
	36.0	18.0	3.0	2.5	6.0	10.0	73.0
	2.0	11.0	65.0				
2135	0.5	34.0	0.5	2.9	3.0	529.0	0.5
	0.5	0.7	0.7	5.0	3.0	38.0	0.5
	10.0	25.0	0.3	0.5	545.0	22.0	55.0
	2.5	0.3	2.5	12.0	5.0	5.0	166.0
	38.0	18.0	2.0	2.5	8.0	10.0	60.0
	0.5	18.0	90.0				
2136	3.0	25.6	0.6	3.4	4.3	599.0	0.6
	1.4	0.7	0.7	8.0	8.0	43.0	2.0
	11.0	27.0	0.3	0.5	407.0	27.0	94.0
	2.5	0.3	2.5	16.0	5.0	5.0	196.0
	37.0	20.0	4.0	2.5	11.0	10.0	110.0
	0.5	22.0	52.0				
2137	0.5	46.9	0.8	3.2	5.0	843.0	0.6
	1.1	0.7	0.7	6.0	12.0	45.0	2.0
	12.0	25.0	0.8	0.5	420.0	23.0	81.0
	21.0	0.3	2.5	17.0	5.0	5.0	197.0
	39.0	20.0	1.0	2.5	12.0	23.0	97.0
	0.5	27.0	80.0				
2138	0.5	26.9	0.6	3.9	4.4	650.0	0.8
	1.6	0.8	0.7	10.0	1.0	54.0	0.5
	12.0	35.0	0.3	0.5	619.0	25.0	121.0
	2.5	0.3	2.5	17.0	5.0	5.0	163.0
	46.0	24.0	3.0	2.5	12.0	10.0	93.0
	0.5	21.0	95.0				
2139	0.5	26.9	1.0	3.4	9.1	1665.0	0.8
	1.5	0.6	0.6	7.0	14.0	60.0	3.0
	17.0	26.0	0.9	0.5	654.0	19.0	75.0
	16.0	0.3	2.5	17.0	5.0	5.0	148.0
	49.0	27.0	0.5	2.5	20.0	10.0	93.0
	0.5	51.0	112.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2199	0.5	25.4	0.4	2.9	2.7	376.0	0.5
	1.2	0.7	0.5	5.0	6.0	35.0	2.0
	8.0	20.0	0.3	0.5	434.0	19.0	82.0
	2.5	0.3	2.5	12.0	5.0	5.0	134.0
	23.0	11.0	5.0	2.5	9.0	10.0	65.0
	0.5	13.0	76.0				
2200	1.0	31.6	0.3	3.0	2.4	347.0	0.6
	1.4	0.7	0.5	6.0	4.0	35.0	0.5
	9.0	22.0	0.3	0.5	221.0	20.0	82.0
	2.5	0.3	2.5	10.0	5.0	5.0	132.0
	20.0	10.0	5.0	2.5	9.0	10.0	66.0
	0.5	12.0	46.0				
2201	0.5	30.5	0.4	4.2	4.1	724.0	1.0
	1.8	0.9	0.7	13.0	9.0	57.0	2.0
	17.0	40.0	0.6	0.5	414.0	25.0	124.0
	2.5	0.3	2.5	14.0	5.0	5.0	209.0
	36.0	20.0	7.0	2.5	13.0	10.0	84.0
	0.5	18.0	81.0				
2202	0.5	30.7	0.4	4.0	3.3	658.0	0.8
	0.8	0.9	0.9	10.0	10.0	55.0	1.0
	13.0	39.0	0.3	0.5	419.0	30.0	90.0
	2.5	0.3	2.5	14.0	5.0	5.0	258.0
	42.0	20.0	6.0	2.5	10.0	10.0	70.0
	0.5	16.0	108.0				
2212	1.0	34.6	0.5	4.0	4.0	569.0	0.8
	1.5	0.8	0.7	11.0	14.0	68.0	2.0
	13.0	36.0	0.3	0.5	371.0	31.0	120.0
	2.5	0.3	2.5	13.0	5.0	5.0	201.0
	36.0	21.0	6.0	2.5	12.0	10.0	88.0
	0.5	18.0	96.0				
2213	2.0	33.5	0.3	4.3	2.7	524.0	0.8
	0.3	0.9	1.0	9.0	14.0	77.0	0.5
	12.0	42.0	0.3	0.5	209.0	43.0	62.0
	2.5	0.3	2.5	12.0	5.0	5.0	269.0
	42.0	20.0	6.0	2.5	7.0	10.0	68.0
	0.5	14.0	85.0				
2214	1.0	30.2	0.4	3.1	2.5	341.0	0.6
	0.6	0.8	0.7	8.0	12.0	55.0	5.0
	9.0	30.0	0.3	0.5	362.0	28.0	68.0
	2.5	0.3	2.5	11.0	5.0	5.0	189.0
	34.0	16.0	5.0	2.5	7.0	25.0	62.0
	0.5	12.0	77.0				
2215	0.5	37.6	0.3	4.2	2.8	504.0	0.8
	0.4	0.9	1.0	10.0	13.0	76.0	1.0
	12.0	40.0	0.3	1.0	241.0	43.0	68.0
	2.5	0.3	2.5	12.0	5.0	5.0	269.0
	41.0	19.0	6.0	2.5	8.0	10.0	71.0
	2.0	14.0	84.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2216	0.5	34.8	0.3	3.4	2.3	340.0	0.6
	0.4	0.8	0.8	7.0	7.0	61.0	0.5
	9.0	31.0	0.3	0.5	302.0	33.0	54.0
	2.5	0.3	2.5	10.0	5.0	5.0	221.0
	35.0	16.0	5.0	2.5	6.0	10.0	62.0
	0.5	12.0	74.0				
2217	0.5	36.7	0.3	3.4	2.6	387.0	0.6
	0.6	0.8	0.8	9.0	12.0	61.0	1.0
	10.0	32.0	0.3	0.5	315.0	32.0	67.0
	2.5	0.3	2.5	12.0	5.0	5.0	211.0
	34.0	15.0	5.0	2.5	7.0	10.0	65.0
	0.5	13.0	77.0				
2218	1.0	32.0	0.3	3.9	2.6	447.0	0.7
	0.3	0.9	0.9	9.0	12.0	71.0	0.5
	11.0	38.0	0.3	0.5	241.0	39.0	59.0
	2.5	0.3	2.5	12.0	5.0	5.0	242.0
	42.0	18.0	6.0	2.5	7.0	10.0	64.0
	0.5	13.0	77.0				
2223	0.5	24.6	0.3	1.9	1.5	93.0	0.2
	0.1	0.2	0.5	5.0	3.0	19.0	0.5
	3.0	11.0	0.3	0.5	485.0	18.0	38.0
	2.5	0.3	2.5	9.0	5.0	5.0	122.0
	29.0	10.0	5.0	2.5	3.0	10.0	26.0
	0.5	8.0	99.0				
2229	1.0	25.3	0.4	5.7	3.5	1546.0	1.0
	0.4	1.0	1.4	15.0	11.0	139.0	2.0
	18.0	67.0	0.3	0.5	200.0	68.0	77.0
	2.5	0.3	2.5	15.0	5.0	5.0	363.0
	63.0	27.0	7.0	2.5	11.0	10.0	73.0
	0.5	18.0	111.0				
2230	1.0	24.0	0.5	6.2	3.9	1198.0	1.1
	0.4	1.1	1.6	17.0	15.0	94.0	2.0
	19.0	56.0	0.3	0.5	253.0	40.0	94.0
	7.0	0.3	2.5	17.0	5.0	5.0	363.0
	77.0	36.0	8.0	2.5	13.0	10.0	84.0
	0.5	19.0	129.0				
2231	1.0	27.4	0.4	5.6	3.5	1580.0	1.0
	0.4	1.0	1.4	14.0	13.0	141.0	0.5
	17.0	65.0	0.3	0.5	231.0	69.0	79.0
	2.5	0.3	2.5	15.0	5.0	5.0	366.0
	64.0	28.0	8.0	2.5	10.0	10.0	72.0
	0.5	19.0	106.0				
2234	3.0	26.6	0.8	3.9	5.2	836.0	0.9
	1.9	0.7	0.6	15.0	11.0	68.0	8.0
	17.0	41.0	0.3	0.5	773.0	25.0	169.0
	2.5	0.3	2.5	16.0	5.0	5.0	159.0
	32.0	23.0	5.0	2.5	15.0	10.0	89.0
	0.5	19.0	101.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2235	2.0	21.2	0.5	4.6	4.2	1002.0	1.0
	1.3	0.9	0.9	17.0	7.0	80.0	4.0
	18.0	50.0	0.3	0.5	462.0	35.0	127.0
	2.5	0.3	2.5	16.0	5.0	5.0	263.0
	44.0	23.0	6.0	2.5	13.0	10.0	80.0
	0.5	18.0	103.0				
2236	0.5	30.2	0.6	5.4	4.9	1168.0	1.1
	1.7	0.9	1.0	18.0	17.0	78.0	3.0
	19.0	52.0	0.5	0.5	342.0	44.0	141.0
	20.0	0.3	2.5	18.0	5.0	5.0	256.0
	49.0	29.0	8.0	2.5	16.0	10.0	100.0
	0.5	24.0	113.0				
2247	0.5	40.3	0.9	3.3	10.0	1141.0	0.7
	2.0	0.6	0.5	21.0	34.0	75.0	0.5
	26.0	46.0	0.7	0.5	1725.0	15.0	150.0
	14.0	0.3	2.5	19.0	5.0	5.0	136.0
	54.0	31.0	1.0	2.5	18.0	10.0	94.0
	0.5	32.0	136.0				
2248	0.5	35.0	0.1	1.7	0.8	180.0	0.2
	0.2	0.2	0.2	4.0	1.0	14.0	5.0
	3.0	13.0	0.3	0.5	66.0	7.0	23.0
	9.0	0.3	2.5	7.0	5.0	5.0	71.0
	13.0	5.0	1.0	2.5	2.0	10.0	23.0
	0.5	3.0	12.0				
2249	0.5	47.5	2.0	2.3	10.0	3293.0	0.7
	1.3	0.2	0.2	15.0	12.0	135.0	0.5
	36.0	36.0	0.3	0.5	4654.0	8.0	246.0
	40.0	0.3	5.0	23.0	5.0	5.0	169.0
	93.0	57.0	0.5	2.5	29.0	10.0	52.0
	0.5	68.0	163.0				
2250	0.5	34.1	1.0	4.9	7.9	1456.0	1.9
	2.1	0.8	0.8	37.0	20.0	118.0	0.5
	34.0	62.0	0.7	0.5	538.0	59.0	247.0
	37.0	0.3	2.5	23.0	5.0	5.0	855.0
	50.0	28.0	2.0	2.5	23.0	10.0	154.0
	0.5	23.0	90.0				
2251	0.5	30.0	0.4	4.2	3.2	1048.0	0.9
	0.7	0.8	1.1	16.0	11.0	71.0	0.5
	15.0	49.0	0.7	0.5	239.0	34.0	95.0
	12.0	0.3	2.5	17.0	5.0	5.0	340.0
	52.0	23.0	5.0	2.5	10.0	10.0	109.0
	0.5	16.0	74.0				
2257	0.5	40.2	0.6	3.9	4.9	791.0	0.8
	1.2	0.8	0.9	16.0	14.0	58.0	1.0
	17.0	42.0	0.3	0.5	705.0	30.0	134.0
	28.0	0.3	2.5	18.0	5.0	5.0	239.0
	45.0	22.0	4.0	2.5	12.0	10.0	91.0
	0.5	20.0	93.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2258	0.5	43.9	1.6	3.8	10.0	1332.0	0.8
	2.6	0.6	0.5	27.0	32.0	86.0	2.0
	32.0	50.0	0.6	2.0	2301.0	19.0	263.0
	2.5	0.3	2.5	17.0	5.0	5.0	196.0
	40.0	30.0	0.5	2.5	20.0	10.0	122.0
	0.5	32.0	103.0				
2259	0.5	31.1	1.0	5.5	6.4	1618.0	1.7
	1.8	1.0	1.1	28.0	29.0	141.0	2.0
	27.0	59.0	1.1	0.5	249.0	55.0	240.0
	2.5	0.3	2.5	19.0	5.0	5.0	617.0
	55.0	31.0	0.5	2.5	21.0	10.0	174.0
	0.5	23.0	102.0				
2261	0.5	34.9	1.5	4.1	9.4	2108.0	2.4
	3.8	1.2	0.6	22.0	19.0	171.0	0.5
	31.0	93.0	1.0	1.0	327.0	44.0	234.0
	2.5	0.3	2.5	14.0	5.0	5.0	462.0
	39.0	29.0	0.5	2.5	42.0	10.0	218.0
	0.5	27.0	96.0				
2262	0.5	31.3	1.2	5.4	6.5	2016.0	2.0
	2.0	1.0	1.1	30.0	26.0	132.0	2.0
	28.0	60.0	1.2	1.0	235.0	53.0	249.0
	2.5	0.3	2.5	20.0	5.0	5.0	615.0
	59.0	30.0	0.5	2.5	27.0	10.0	175.0
	0.5	24.0	115.0				
2263	0.5	25.5	1.6	4.8	7.9	2112.0	2.5
	4.0	1.7	0.5	18.0	19.0	156.0	1.0
	29.0	36.0	1.0	2.0	185.0	50.0	252.0
	2.5	0.3	2.5	15.0	5.0	5.0	615.0
	37.0	28.0	0.5	2.5	42.0	10.0	300.0
	0.5	27.0	90.0				
2264	0.5	38.4	1.1	3.9	7.9	951.0	0.9
	2.8	0.6	0.5	26.0	13.0	72.0	1.0
	26.0	40.0	0.9	1.0	1545.0	23.0	225.0
	2.5	0.3	2.5	16.0	5.0	5.0	166.0
	41.0	27.0	0.5	2.5	20.0	10.0	110.0
	0.5	26.0	104.0				
2306	0.5	39.1	1.2	3.6	5.5	983.0	1.8
	2.7	0.9	1.0	9.0	13.0	118.0	0.5
	20.0	40.0	1.4	2.0	600.0	31.0	212.0
	2.5	0.3	2.5	16.0	5.0	5.0	346.0
	48.0	28.0	0.5	2.5	34.0	10.0	119.0
	0.5	23.0	98.0				
2444	0.5	27.3	0.4	6.6	3.8	911.0	1.3
	0.2	1.2	1.8	11.0	19.0	111.0	0.5
	22.0	80.0	0.3	0.5	235.0	82.0	97.0
	2.5	0.3	2.5	18.0	5.0	5.0	332.0
	70.0	32.0	6.0	2.5	12.0	10.0	77.0
	0.5	19.0	125.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2445	0.5	41.5	0.9	3.2	9.2	1913.0	0.8
	0.9	0.6	0.7	6.0	15.0	72.0	0.5
	17.0	24.0	0.8	1.0	785.0	21.0	33.0
	2.5	0.3	2.5	12.0	5.0	5.0	195.0
	66.0	33.0	0.5	2.5	18.0	10.0	74.0
	0.5	43.0	164.0				
2447	0.5	34.5	0.5	3.5	3.1	662.0	0.6
	0.6	0.8	1.0	10.0	11.0	49.0	4.0
	10.0	29.0	0.3	0.5	349.0	31.0	65.0
	2.5	0.3	2.5	12.0	5.0	5.0	265.0
	34.0	16.0	4.0	2.5	7.0	10.0	86.0
	0.5	15.0	79.0				
2448	0.5	29.9	0.8	5.3	3.1	591.0	1.0
	0.3	1.0	1.4	44.0	16.0	91.0	2.0
	12.0	56.0	0.3	0.5	248.0	47.0	88.0
	2.5	0.3	2.5	16.0	5.0	5.0	290.0
	52.0	24.0	4.0	2.5	9.0	21.0	68.0
	0.5	15.0	114.0				
2449	0.5	31.8	0.4	3.7	2.6	594.0	0.6
	0.4	0.8	1.0	8.0	8.0	49.0	0.5
	9.0	30.0	0.3	0.5	279.0	31.0	50.0
	2.5	0.3	2.5	12.0	5.0	5.0	275.0
	34.0	15.0	6.0	2.5	6.0	10.0	79.0
	1.0	13.0	72.0				
2450	0.5	31.3	0.6	5.7	3.5	809.0	1.2
	0.2	1.1	1.6	12.0	14.0	80.0	0.5
	14.0	61.0	0.3	0.5	200.0	47.0	92.0
	2.5	0.3	2.5	16.0	5.0	5.0	308.0
	56.0	27.0	8.0	2.5	11.0	10.0	69.0
	0.5	16.0	124.0				
2451	0.5	27.1	1.1	2.8	10.0	2413.0	0.7
	0.9	0.4	0.5	5.0	9.0	82.0	2.0
	19.0	18.0	0.3	1.0	1069.0	16.0	40.0
	2.5	0.3	2.5	12.0	19.0	5.0	143.0
	75.0	55.0	3.0	2.5	21.0	10.0	56.0
	0.5	52.0	194.0				
2452	0.5	30.0	0.4	5.5	3.7	536.0	1.1
	0.3	0.9	1.6	14.0	17.0	92.0	0.5
	16.0	52.0	0.3	0.5	189.0	45.0	87.0
	9.0	0.3	2.5	16.0	5.0	5.0	326.0
	54.0	27.0	8.0	2.5	10.0	10.0	66.0
	0.5	16.0	98.0				
2453	0.5	29.2	0.7	3.6	3.6	709.0	0.6
	0.7	0.8	0.9	7.0	11.0	51.0	2.0
	10.0	31.0	0.3	0.5	364.0	29.0	67.0
	2.5	0.3	2.5	13.0	5.0	5.0	270.0
	35.0	18.0	5.0	2.5	8.0	10.0	90.0
	0.5	17.0	84.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2454	2.0	34.3	0.5	3.7	3.0	673.0	0.6
	0.5	0.8	1.0	7.0	10.0	52.0	0.5
	10.0	27.0	0.3	0.5	277.0	31.0	58.0
	2.5	0.3	2.5	12.0	5.0	5.0	279.0
	33.0	15.0	6.0	2.5	7.0	10.0	86.0
	0.5	15.0	77.0				
2455	3.0	27.6	0.4	5.9	3.6	1993.0	1.1
	0.3	1.0	1.5	12.0	18.0	180.0	6.0
	29.0	64.0	0.3	0.5	184.0	61.0	81.0
	2.5	0.3	2.5	15.0	5.0	5.0	320.0
	64.0	27.0	7.0	2.5	10.0	10.0	71.0
	0.5	16.0	106.0				
2456	3.0	38.4	0.5	3.8	3.1	674.0	0.6
	0.6	0.8	1.0	8.0	11.0	54.0	2.0
	10.0	30.0	0.3	0.5	260.0	33.0	60.0
	2.5	0.3	2.5	12.0	5.0	5.0	289.0
	33.0	16.0	6.0	2.5	8.0	10.0	88.0
	3.0	15.0	73.0				
2457	2.0	46.0	1.3	3.4	5.4	1109.0	0.7
	0.8	0.6	0.8	6.0	11.0	54.0	2.0
	10.0	25.0	0.3	0.5	385.0	24.0	84.0
	2.5	0.3	2.5	14.0	5.0	5.0	227.0
	34.0	23.0	6.0	2.5	12.0	10.0	83.0
	4.0	29.0	108.0				
2458	0.5	37.4	0.9	3.2	3.7	714.0	0.6
	0.8	0.7	0.8	5.0	9.0	45.0	1.0
	7.0	24.0	0.3	0.5	372.0	23.0	66.0
	2.5	0.3	2.5	12.0	5.0	5.0	231.0
	33.0	17.0	6.0	2.5	9.0	10.0	84.0
	0.5	20.0	122.0				
2461	2.0	42.4	1.5	3.0	7.3	1539.0	0.7
	1.0	0.5	0.6	4.0	9.0	56.0	3.0
	11.0	20.0	0.3	0.5	499.0	16.0	74.0
	2.5	0.3	2.5	15.0	11.0	5.0	180.0
	40.0	29.0	3.0	2.5	16.0	20.0	79.0
	0.5	41.0	129.0				
2462	0.5	25.0	0.6	3.3	3.0	575.0	0.5
	0.6	0.7	0.9	6.0	5.0	44.0	0.5
	8.0	25.0	0.3	0.5	307.0	26.0	59.0
	2.5	0.3	2.5	12.0	5.0	5.0	250.0
	34.0	16.0	5.0	2.5	7.0	10.0	83.0
	0.5	15.0	83.0				
2463	3.0	25.2	0.4	3.7	2.5	372.0	0.6
	0.4	0.8	1.0	8.0	9.0	46.0	1.0
	8.0	33.0	0.3	0.5	341.0	28.0	53.0
	2.5	0.3	2.5	12.0	5.0	5.0	263.0
	36.0	16.0	6.0	2.5	7.0	10.0	74.0
	0.5	13.0	94.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2464	3.0	23.1	0.3	2.2	2.1	292.0	0.6
	0.3	0.8	1.1	8.0	8.0	44.0	4.0
	9.0	32.0	0.3	0.5	277.0	29.0	50.0
	2.5	0.3	2.5	11.0	5.0	5.0	257.0
	23.0	10.0	7.0	2.5	4.0	10.0	61.0
	1.0	8.0	77.0				
2465	4.0	37.9	2.6	2.1	6.4	1481.0	0.7
	0.8	0.5	0.6	3.0	17.0	53.0	2.0
	5.0	17.0	0.3	0.5	206.0	17.0	134.0
	2.5	0.3	2.5	18.0	5.0	5.0	169.0
	43.0	29.0	16.0	2.5	13.0	10.0	57.0
	8.0	34.0	169.0				
2466	4.0	33.1	0.4	2.8	2.8	433.0	0.8
	0.3	0.8	1.2	10.0	12.0	73.0	2.0
	11.0	48.0	0.3	0.5	212.0	44.0	62.0
	2.5	0.3	2.5	14.0	5.0	5.0	270.0
	27.0	13.0	10.0	2.5	5.0	10.0	63.0
	0.5	10.0	85.0				
2477	4.0	29.7	1.0	2.3	3.2	628.0	0.5
	0.7	0.6	0.7	4.0	8.0	37.0	0.5
	7.0	19.0	0.3	0.5	404.0	15.0	67.0
	2.5	0.3	2.5	12.0	5.0	5.0	201.0
	33.0	16.0	12.0	2.5	8.0	25.0	60.0
	0.5	21.0	152.0				
2478	18.0	40.6	3.7	2.7	8.4	1747.0	0.7
	1.0	0.6	0.6	3.0	27.0	62.0	2.0
	0.5	20.0	0.3	0.5	434.0	18.0	178.0
	2.5	0.3	2.5	22.0	5.0	5.0	185.0
	57.0	41.0	1.0	2.5	17.0	28.0	66.0
	3.0	41.0	349.0				
2491	0.5	38.6	0.6	3.1	2.6	351.0	0.6
	0.3	0.7	0.9	4.0	8.0	37.0	2.0
	9.0	30.0	0.3	0.5	501.0	24.0	58.0
	27.0	0.3	2.5	9.0	5.0	5.0	181.0
	33.0	15.0	2.0	2.5	6.0	10.0	55.0
	0.5	15.0	127.0				
2492	0.5	35.8	0.4	3.8	2.4	196.0	0.7
	0.3	0.8	1.1	6.0	7.0	47.0	1.0
	10.0	37.0	0.3	0.5	278.0	28.0	59.0
	13.0	0.3	2.5	8.0	5.0	5.0	207.0
	34.0	16.0	3.0	2.5	6.0	10.0	59.0
	0.5	13.0	76.0				
2493	0.5	40.6	0.2	3.6	2.1	107.0	0.6
	0.1	1.0	1.0	3.0	2.0	50.0	2.0
	9.0	31.0	0.3	0.5	411.0	26.0	55.0
	16.0	0.3	2.5	8.0	5.0	5.0	221.0
	35.0	14.0	2.0	2.5	4.0	10.0	57.0
	0.5	11.0	79.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2494	0.5	49.1	0.9	2.5	6.0	1518.0	0.6
	0.8	0.4	0.5	2.0	8.0	50.0	2.0
	13.0	15.0	0.3	0.5	772.0	14.0	31.0
	2.5	0.3	2.5	9.0	5.0	5.0	153.0
	44.0	29.0	0.5	2.5	14.0	10.0	60.0
	0.5	39.0	145.0				
2495	0.5	35.7	0.2	2.3	1.3	335.0	0.3
	0.5	0.6	0.8	2.0	5.0	23.0	2.0
	5.0	13.0	0.6	0.5	351.0	15.0	28.0
	22.0	0.3	2.5	8.0	5.0	5.0	247.0
	15.0	4.0	1.0	2.5	3.0	10.0	85.0
	0.5	7.0	46.0				
2521	0.5	47.1	1.2	2.8	5.0	979.0	0.6
	0.7	0.5	0.7	4.0	8.0	49.0	2.0
	11.0	24.0	0.7	0.5	511.0	26.0	76.0
	5.0	0.3	2.5	12.0	5.0	5.0	175.0
	39.0	23.0	0.5	2.5	11.0	10.0	69.0
	0.5	29.0	115.0				
2522	1.0	24.8	1.1	2.9	7.0	1519.0	0.7
	1.0	0.6	0.7	3.0	9.0	56.0	2.0
	14.0	20.0	0.5	0.5	654.0	17.0	52.0
	8.0	0.3	2.5	11.0	5.0	5.0	214.0
	36.0	26.0	0.5	2.5	15.0	28.0	83.0
	0.5	37.0	141.0				
2524	3.0	36.3	1.0	3.2	8.9	1562.0	0.8
	1.0	0.6	0.7	7.0	11.0	73.0	4.0
	19.0	31.0	0.3	1.0	479.0	18.0	71.0
	2.5	0.3	2.5	12.0	5.0	5.0	292.0
	39.0	32.0	0.5	2.5	16.0	10.0	89.0
	0.5	40.0	65.0				
2525	0.5	32.1	1.0	3.1	6.6	1422.0	0.7
	1.0	0.6	0.7	4.0	8.0	56.0	2.0
	14.0	21.0	0.6	0.5	539.0	20.0	45.0
	7.0	0.3	2.5	11.0	5.0	5.0	235.0
	41.0	29.0	0.5	2.5	15.0	10.0	85.0
	0.5	35.0	113.0				
2526	0.5	31.2	1.0	3.1	10.0	2544.0	0.9
	1.1	0.5	0.5	3.0	4.0	74.0	3.0
	20.0	18.0	0.3	2.0	730.0	17.0	27.0
	2.5	0.3	2.5	7.0	14.0	5.0	180.0
	55.0	48.0	0.5	2.5	24.0	10.0	70.0
	0.5	63.0	111.0				
2527	2.0	32.8	0.6	2.9	3.3	812.0	0.5
	0.8	0.7	0.8	3.0	8.0	45.0	6.0
	9.0	16.0	0.3	0.5	385.0	22.0	35.0
	12.0	0.3	2.5	8.0	5.0	5.0	258.0
	23.0	14.0	0.5	2.5	8.0	10.0	94.0
	0.5	22.0	77.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2528	0.5	33.8	0.6	2.9	10.0	2139.0	0.7
	1.0	0.5	0.5	3.0	5.0	75.0	3.0
	18.0	18.0	0.3	0.5	652.0	13.0	29.0
	2.5	0.3	2.5	7.0	5.0	5.0	475.0
	34.0	38.0	0.5	2.5	21.0	10.0	72.0
	0.5	59.0	85.0				
2529	0.5	38.3	0.8	3.0	6.9	1481.0	0.8
	1.1	0.5	0.6	4.0	9.0	52.0	3.0
	14.0	20.0	0.3	0.5	450.0	15.0	38.0
	2.5	0.3	2.5	8.0	5.0	5.0	199.0
	29.0	26.0	0.5	2.5	16.0	21.0	94.0
	0.5	39.0	110.0				
2531	0.5	34.9	1.0	3.0	7.8	2107.0	0.8
	1.1	0.6	0.6	2.0	7.0	59.0	2.0
	15.0	16.0	0.3	0.5	626.0	11.0	27.0
	2.5	0.3	2.5	10.0	5.0	5.0	191.0
	48.0	37.0	0.5	2.5	19.0	10.0	80.0
	0.5	50.0	171.0				
2532	0.5	45.7	1.0	2.6	5.4	1278.0	0.7
	1.0	0.5	0.6	2.0	9.0	48.0	2.0
	12.0	17.0	0.3	0.5	565.0	14.0	47.0
	7.0	0.3	2.5	9.0	5.0	5.0	191.0
	37.0	25.0	0.5	2.5	14.0	10.0	75.0
	0.5	35.0	197.0				
2533	0.5	32.5	1.0	3.1	9.7	2411.0	1.0
	1.3	0.4	0.4	2.0	8.0	66.0	4.0
	18.0	17.0	0.3	0.5	591.0	11.0	32.0
	2.5	0.3	2.5	7.0	5.0	5.0	131.0
	46.0	41.0	0.5	2.5	25.0	10.0	60.0
	0.5	69.0	144.0				
2535	0.5	50.7	0.8	3.1	9.1	2134.0	1.0
	1.3	0.5	0.5	3.0	5.0	64.0	3.0
	18.0	20.0	0.3	0.5	730.0	13.0	30.0
	2.5	0.3	2.5	7.0	5.0	5.0	185.0
	41.0	38.0	0.5	2.5	23.0	10.0	73.0
	0.5	61.0	137.0				
2536	0.5	27.0	0.6	3.5	10.0	5278.0	1.3
	1.4	0.1	0.1	3.0	4.0	112.0	5.0
	34.0	16.0	0.3	0.5	1331.0	8.0	24.0
	2.5	0.3	2.5	1.0	5.0	5.0	57.0
	71.0	87.0	2.0	2.5	45.0	10.0	28.0
	0.5	131.0	65.0				
2543	0.5	42.3	0.7	3.5	10.0	5326.0	1.3
	1.4	0.1	0.1	3.0	1.0	114.0	7.0
	34.0	15.0	0.3	2.0	1343.0	8.0	26.0
	2.5	0.3	2.5	1.0	26.0	5.0	57.0
	71.0	87.0	3.0	2.5	46.0	10.0	28.0
	0.5	132.0	66.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2544	4.0	25.8	0.9	2.9	3.8	763.0	0.5
	0.6	0.7	0.8	4.0	10.0	50.0	6.0
	9.0	22.0	0.3	0.5	574.0	21.0	46.0
	18.0	0.3	2.5	10.0	5.0	5.0	270.0
	40.0	22.0	0.5	2.5	9.0	10.0	87.0
	2.0	21.0	171.0				
2545	0.5	50.0	1.0	3.0	10.0	4755.0	1.1
	1.1	0.2	0.2	4.0	2.0	107.0	8.0
	33.0	16.0	0.3	2.0	1033.0	7.0	46.0
	2.5	0.3	2.5	3.0	15.0	5.0	57.0
	54.0	82.0	0.5	2.5	40.0	10.0	32.0
	0.5	109.0	56.0				
2546	0.5	33.8	0.8	2.8	5.1	1101.0	0.6
	0.8	0.5	0.7	4.0	6.0	47.0	2.0
	11.0	20.0	0.6	0.5	473.0	19.0	46.0
	10.0	0.3	2.5	9.0	5.0	5.0	253.0
	29.0	20.0	0.5	2.5	12.0	22.0	83.0
	0.5	31.0	133.0				
2547	6.0	23.5	1.0	3.3	3.9	1032.0	0.7
	0.8	0.8	0.8	5.0	56.0	65.0	1.0
	11.0	21.0	0.3	0.5	490.0	31.0	68.0
	15.0	0.3	2.5	12.0	5.0	5.0	381.0
	28.0	17.0	0.5	2.5	10.0	10.0	150.0
	1.0	21.0	103.0				
2548	0.5	45.8	1.1	2.8	8.2	2094.0	0.8
	1.0	0.4	0.5	3.0	8.0	60.0	4.0
	16.0	19.0	0.3	0.5	591.0	15.0	35.0
	13.0	0.3	2.5	7.0	5.0	5.0	201.0
	32.0	31.0	0.5	2.5	21.0	28.0	60.0
	2.0	58.0	148.0				
2553	0.5	31.8	0.3	3.5	1.9	462.0	0.6
	0.3	0.8	1.2	4.0	4.0	67.0	0.5
	9.0	24.0	0.3	0.5	324.0	30.0	36.0
	13.0	0.3	2.5	9.0	5.0	5.0	277.0
	40.0	16.0	2.0	2.5	4.0	10.0	55.0
	0.5	12.0	78.0				
2554	1.0	9.7	0.3	4.4	2.1	283.0	0.7
	0.3	1.0	1.5	6.0	5.0	59.0	4.0
	7.0	24.0	0.3	0.5	507.0	40.0	47.0
	17.0	0.3	2.5	9.0	5.0	5.0	450.0
	40.0	20.0	2.0	2.5	5.0	10.0	72.0
	0.5	11.0	80.0				
2555	0.5	15.0	0.3	4.8	2.2	443.0	0.8
	0.3	1.0	1.7	8.0	12.0	66.0	2.0
	7.0	24.0	0.3	0.5	353.0	43.0	50.0
	25.0	0.3	2.5	10.0	5.0	5.0	463.0
	46.0	24.0	2.0	2.5	6.0	10.0	67.0
	0.5	14.0	65.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2556	0.5	27.1	0.3	5.0	2.5	354.0	0.9
	0.2	0.9	1.8	12.0	12.0	54.0	3.0
	9.0	31.0	0.3	0.5	252.0	36.0	52.0
	16.0	0.3	2.5	12.0	5.0	5.0	356.0
	47.0	24.0	4.0	2.5	7.0	10.0	64.0
	0.5	15.0	83.0				
2557	0.5	38.9	0.5	3.3	2.2	259.0	0.5
	0.3	0.7	1.0	4.0	11.0	64.0	2.0
	8.0	23.0	0.3	0.5	338.0	29.0	44.0
	23.0	0.3	2.5	8.0	5.0	5.0	260.0
	32.0	15.0	2.0	2.5	5.0	10.0	58.0
	0.5	13.0	69.0				
2558	0.5	33.1	0.3	4.0	2.1	387.0	0.7
	0.2	0.8	1.3	7.0	9.0	92.0	6.0
	12.0	31.0	0.3	0.5	239.0	37.0	39.0
	10.0	0.3	2.5	8.0	5.0	5.0	307.0
	39.0	19.0	2.0	2.5	5.0	10.0	56.0
	0.5	12.0	68.0				
2562	0.5	24.2	0.7	3.4	2.9	649.0	0.6
	0.3	0.6	1.0	6.0	9.0	69.0	4.0
	10.0	25.0	0.3	0.5	406.0	54.0	59.0
	9.0	0.3	2.5	9.0	5.0	5.0	308.0
	30.0	16.0	0.5	2.5	6.0	22.0	64.0
	0.5	14.0	88.0				
2563	0.5	27.7	0.4	6.1	3.2	634.0	1.4
	0.3	1.0	2.3	14.0	21.0	63.0	3.0
	13.0	37.0	0.3	0.5	165.0	42.0	79.0
	2.5	0.3	2.5	15.0	5.0	5.0	444.0
	71.0	34.0	5.0	2.5	9.0	10.0	62.0
	0.5	17.0	118.0				
2564	0.5	40.3	0.3	3.3	1.9	184.0	0.5
	0.3	0.8	1.0	5.0	7.0	52.0	2.0
	9.0	27.0	0.3	1.0	339.0	26.0	42.0
	2.5	0.3	2.5	11.0	5.0	5.0	261.0
	36.0	17.0	2.0	2.5	5.0	10.0	74.0
	2.0	10.0	120.0				
2565	0.5	34.1	0.4	3.0	2.3	374.0	0.5
	0.3	0.6	0.9	5.0	6.0	48.0	2.0
	7.0	20.0	0.3	0.5	354.0	54.0	45.0
	6.0	0.3	2.5	8.0	5.0	5.0	273.0
	23.0	12.0	0.5	2.5	5.0	27.0	71.0
	0.5	12.0	61.0				
2567	0.5	21.5	0.4	4.6	3.4	1071.0	0.8
	0.3	0.7	1.4	11.0	15.0	55.0	3.0
	12.0	36.0	0.3	0.5	325.0	72.0	70.0
	24.0	0.3	2.5	12.0	5.0	5.0	383.0
	49.0	24.0	3.0	2.5	8.0	10.0	71.0
	0.5	15.0	93.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2570	0.5	43.8	0.8	2.6	3.1	651.0	0.4
	0.5	0.6	0.8	4.0	60.0	40.0	0.5
	8.0	15.0	0.6	0.5	483.0	19.0	52.0
	2.5	0.3	2.5	11.0	5.0	5.0	235.0
	36.0	17.0	0.5	2.5	7.0	10.0	72.0
	0.5	18.0	121.0				
2571	0.5	30.8	0.4	2.8	2.4	262.0	0.4
	0.3	0.6	0.9	8.0	13.0	38.0	2.0
	8.0	23.0	0.3	0.5	446.0	25.0	50.0
	2.5	0.3	2.5	10.0	5.0	5.0	224.0
	31.0	16.0	3.0	2.5	5.0	10.0	63.0
	0.5	11.0	83.0				
2574	0.5	23.4	0.3	3.9	2.7	196.0	0.8
	0.2	1.0	1.0	7.0	5.0	63.0	1.0
	12.0	42.0	0.3	0.5	506.0	38.0	58.0
	16.0	0.3	2.5	8.0	5.0	5.0	224.0
	37.0	19.0	2.0	2.5	5.0	10.0	62.0
	0.5	13.0	98.0				
2575	0.5	29.6	0.4	4.0	2.8	253.0	0.8
	0.2	1.0	1.0	7.0	5.0	70.0	2.0
	12.0	41.0	0.3	0.5	547.0	41.0	61.0
	22.0	0.3	2.5	9.0	5.0	5.0	226.0
	42.0	21.0	2.0	2.5	6.0	10.0	62.0
	0.5	14.0	118.0				
2576	0.5	38.1	0.3	4.6	3.3	2181.0	0.7
	0.4	0.6	1.2	12.0	16.0	138.0	2.0
	21.0	56.0	0.5	1.0	260.0	94.0	68.0
	2.5	0.3	2.5	12.0	5.0	5.0	333.0
	96.0	26.0	5.0	2.5	8.0	10.0	72.0
	0.5	20.0	108.0				
2579	0.5	38.3	0.4	2.5	1.8	244.0	0.3
	0.3	0.6	0.7	4.0	8.0	36.0	2.0
	6.0	20.0	0.3	0.5	384.0	26.0	35.0
	11.0	0.3	2.5	4.0	5.0	5.0	199.0
	20.0	10.0	0.5	2.5	4.0	10.0	62.0
	0.5	10.0	81.0				
2580	0.5	31.3	0.3	2.7	1.8	151.0	0.4
	0.3	0.7	0.8	5.0	7.0	30.0	2.0
	6.0	23.0	0.3	0.5	436.0	27.0	37.0
	19.0	0.3	2.5	5.0	5.0	5.0	210.0
	23.0	11.0	1.0	2.5	4.0	10.0	62.0
	0.5	9.0	73.0				
2591	0.5	33.0	0.4	6.0	5.0	691.0	1.1
	0.4	0.6	1.9	35.0	33.0	102.0	0.5
	25.0	63.0	0.3	1.0	197.0	52.0	111.0
	2.5	0.3	2.5	18.0	5.0	5.0	898.0
	70.0	34.0	8.0	2.5	12.0	10.0	80.0
	0.5	20.0	107.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2592	0.5	38.5	0.5	5.0	5.0	546.0	1.0
	1.7	0.7	1.5	33.0	34.0	83.0	3.0
	22.0	61.0	0.5	1.0	227.0	42.0	95.0
	2.5	0.3	2.5	17.0	5.0	5.0	1054.0
	65.0	34.0	9.0	2.5	10.0	10.0	129.0
	2.0	19.0	104.0				
2593	0.5	29.9	0.5	3.8	4.5	591.0	1.0
	4.9	0.7	1.1	43.0	23.0	76.0	3.0
	22.0	61.0	0.8	1.0	200.0	29.0	79.0
	6.0	0.3	2.5	5.0	5.0	5.0	2000.0
	29.0	26.0	9.0	2.5	8.0	10.0	206.0
	0.5	19.0	76.0				
2594	5.0	32.1	1.4	3.4	7.6	1318.0	0.7
	0.6	0.7	0.8	16.0	22.0	67.0	0.5
	26.0	53.0	0.3	1.0	660.0	30.0	90.0
	2.5	0.3	2.5	15.0	5.0	5.0	2000.0
	59.0	31.0	0.5	2.5	13.0	10.0	129.0
	0.5	29.0	149.0				
2596	0.5	28.4	0.4	4.8	3.7	792.0	0.8
	0.3	0.5	1.5	28.0	21.0	104.0	3.0
	16.0	48.0	0.3	0.5	186.0	49.0	101.0
	2.5	0.3	2.5	16.0	5.0	5.0	360.0
	57.0	28.0	6.0	2.5	9.0	10.0	67.0
	0.5	16.0	91.0				
2599	0.5	41.8	0.4	5.0	3.1	197.0	0.9
	0.2	0.8	1.4	14.0	12.0	80.0	1.0
	13.0	50.0	0.3	0.5	219.0	37.0	81.0
	2.5	0.3	2.5	16.0	5.0	5.0	290.0
	48.0	23.0	6.0	2.5	9.0	10.0	64.0
	0.5	13.0	116.0				
2603	0.5	42.7	0.3	5.8	3.8	220.0	1.1
	0.2	0.5	1.9	23.0	34.0	94.0	1.0
	15.0	53.0	0.3	0.5	140.0	47.0	110.0
	2.5	0.3	2.5	19.0	5.0	5.0	495.0
	66.0	30.0	7.0	2.5	11.0	10.0	61.0
	1.0	16.0	94.0				
2604	0.5	37.1	0.3	5.2	3.3	249.0	0.9
	0.3	0.9	1.4	11.0	9.0	68.0	2.0
	12.0	44.0	0.3	0.5	248.0	38.0	71.0
	2.5	0.3	2.5	18.0	5.0	5.0	315.0
	52.0	25.0	6.0	2.5	8.0	10.0	89.0
	0.5	13.0	104.0				
2605	0.5	38.7	1.3	3.5	5.5	1009.0	0.6
	0.6	0.8	0.9	6.0	10.0	69.0	1.0
	13.0	29.0	0.3	0.5	505.0	28.0	90.0
	2.5	0.3	2.5	17.0	5.0	5.0	231.0
	59.0	25.0	0.5	2.5	11.0	10.0	78.0
	0.5	24.0	154.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2606	0.5	37.6	0.4	6.3	4.0	673.0	1.2
	0.3	1.1	1.6	14.0	17.0	118.0	1.0
	19.0	66.0	0.3	1.0	203.0	72.0	95.0
	2.5	0.3	2.5	20.0	5.0	5.0	347.0
	68.0	30.0	7.0	2.5	11.0	10.0	87.0
	0.5	18.0	119.0				
2607	0.5	35.9	1.0	3.7	4.7	887.0	0.7
	0.6	0.8	0.9	7.0	11.0	70.0	1.0
	13.0	32.0	0.5	0.5	473.0	35.0	80.0
	2.5	0.3	2.5	17.0	5.0	5.0	533.0
	49.0	21.0	0.5	2.5	10.0	10.0	85.0
	0.5	23.0	128.0				
2609	0.5	30.1	0.4	5.9	3.7	321.0	1.2
	0.3	1.0	1.6	16.0	10.0	75.0	0.5
	16.0	64.0	0.5	0.5	241.0	43.0	92.0
	2.5	0.3	2.5	20.0	5.0	5.0	284.0
	64.0	29.0	7.0	2.5	11.0	10.0	76.0
	0.5	15.0	136.0				
2610	0.5	33.5	0.4	6.3	3.7	817.0	1.2
	0.3	1.2	1.6	8.0	13.0	120.0	2.0
	19.0	65.0	0.5	0.5	214.0	75.0	86.0
	2.5	0.3	2.5	20.0	5.0	5.0	337.0
	68.0	29.0	7.0	2.5	11.0	10.0	88.0
	0.5	17.0	113.0				
2611	0.5	34.4	0.4	6.3	3.6	681.0	1.2
	0.3	1.2	1.6	8.0	12.0	116.0	0.5
	18.0	65.0	0.5	0.5	200.0	76.0	87.0
	2.5	0.3	2.5	20.0	5.0	5.0	338.0
	64.0	29.0	7.0	2.5	11.0	10.0	91.0
	0.5	18.0	118.0				
2612	0.5	35.3	0.6	5.2	3.6	448.0	0.9
	0.5	1.2	1.3	7.0	12.0	97.0	6.0
	13.0	48.0	0.3	0.5	238.0	53.0	80.0
	2.5	0.3	2.5	16.0	5.0	5.0	287.0
	56.0	26.0	3.0	2.5	10.0	10.0	96.0
	0.5	18.0	108.0				
2613	0.5	36.3	0.5	6.3	3.7	925.0	1.1
	0.4	1.2	1.6	11.0	23.0	113.0	2.0
	19.0	64.0	0.3	0.5	186.0	80.0	92.0
	2.5	0.3	2.5	19.0	5.0	5.0	352.0
	63.0	28.0	6.0	2.5	11.0	10.0	97.0
	0.5	19.0	122.0				
2614	0.5	39.3	0.5	6.2	4.2	987.0	1.0
	0.5	1.1	1.5	15.0	23.0	124.0	1.0
	18.0	75.0	0.3	0.5	168.0	82.0	96.0
	2.5	0.3	2.5	17.0	5.0	5.0	378.0
	68.0	31.0	6.0	2.5	12.0	10.0	104.0
	0.5	27.0	172.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
2616	0.5	35.7	0.9	3.2	3.8	757.0	0.6
	0.6	0.8	0.9	5.0	8.0	50.0	2.0
	10.0	25.0	0.3	0.5	363.0	28.0	76.0
	2.5	0.3	2.5	12.0	5.0	5.0	240.0
	39.0	18.0	0.5	2.5	9.0	10.0	79.0
	0.5	20.0	171.0				
2617	0.5	34.6	1.1	3.2	5.7	1211.0	0.6
	0.6	0.7	0.8	6.0	11.0	54.0	0.5
	11.0	24.0	0.3	0.5	490.0	26.0	67.0
	2.5	0.3	2.5	12.0	5.0	5.0	228.0
	49.0	22.0	0.5	2.5	12.0	10.0	75.0
	0.5	28.0	138.0				
2630	0.5	28.7	0.3	3.6	2.0	963.0	0.6
	0.3	0.6	1.1	11.0	13.0	67.0	0.5
	9.0	36.0	0.3	0.5	163.0	38.0	62.0
	2.5	0.3	2.5	10.0	5.0	5.0	281.0
	35.0	19.0	3.0	2.5	6.0	10.0	84.0
	0.5	13.0	72.0				
2631	0.5	36.5	0.3	4.1	2.2	757.0	0.6
	0.3	0.7	1.2	13.0	13.0	84.0	1.0
	9.0	38.0	0.3	0.5	156.0	43.0	69.0
	2.5	0.3	2.5	11.0	5.0	5.0	313.0
	41.0	22.0	4.0	2.5	8.0	10.0	81.0
	0.5	16.0	89.0				
2653	0.5	35.6	0.3	4.7	3.5	1026.0	0.7
	0.3	0.6	1.5	20.0	27.0	94.0	2.0
	18.0	48.0	0.7	0.5	122.0	49.0	87.0
	2.5	0.3	2.5	15.0	5.0	5.0	397.0
	60.0	25.0	6.0	2.5	8.0	10.0	82.0
	0.5	15.0	85.0				
2654	0.5	33.5	0.3	4.2	2.7	405.0	0.7
	1.1	0.6	1.3	17.0	17.0	75.0	2.0
	10.0	36.0	1.1	1.0	142.0	42.0	69.0
	2.5	0.3	2.5	16.0	5.0	5.0	298.0
	46.0	21.0	6.0	2.5	7.0	10.0	109.0
	0.5	14.0	71.0				
2655	0.5	33.6	0.3	4.0	3.0	608.0	0.7
	0.4	0.5	1.2	22.0	20.0	98.0	2.0
	13.0	44.0	0.8	1.0	117.0	46.0	78.0
	2.5	0.3	2.5	15.0	5.0	5.0	359.0
	46.0	21.0	6.0	2.5	7.0	10.0	91.0
	0.5	14.0	68.0				
2656	0.5	27.3	0.3	3.9	2.6	458.0	0.6
	0.4	0.6	1.1	12.0	14.0	71.0	2.0
	10.0	33.0	0.6	0.5	239.0	44.0	67.0
	2.5	0.3	2.5	13.0	5.0	5.0	273.0
	41.0	19.0	5.0	2.5	6.0	10.0	82.0
	0.5	13.0	85.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2657	0.5	33.4	0.3	5.0	4.3	1108.0	0.7
	0.5	0.5	1.4	34.0	35.0	113.0	2.0
	19.0	63.0	0.3	0.5	128.0	56.0	79.0
	2.5	0.3	2.5	17.0	5.0	5.0	470.0
	65.0	27.0	8.0	2.5	9.0	10.0	96.0
	0.5	19.0	98.0				
2658	0.5	33.6	0.2	4.0	2.3	419.0	0.7
	0.3	0.6	1.2	11.0	12.0	73.0	0.5
	10.0	37.0	0.3	0.5	161.0	49.0	66.0
	2.5	0.3	2.5	12.0	5.0	5.0	255.0
	41.0	19.0	5.0	2.5	6.0	10.0	79.0
	1.0	12.0	74.0				
2659	0.5	32.1	0.2	3.9	2.0	418.0	0.7
	0.5	0.5	1.3	12.0	12.0	75.0	0.5
	9.0	45.0	0.5	0.5	119.0	40.0	71.0
	2.5	0.3	2.5	13.0	5.0	5.0	262.0
	42.0	19.0	5.0	2.5	7.0	10.0	88.0
	0.5	12.0	70.0				
2660	0.5	38.9	0.3	4.8	4.4	544.0	0.7
	0.5	0.6	1.5	38.0	32.0	115.0	0.5
	16.0	62.0	0.3	0.5	134.0	47.0	87.0
	2.5	0.3	5.0	15.0	5.0	5.0	442.0
	57.0	25.0	7.0	2.5	9.0	10.0	97.0
	0.5	19.0	75.0				
2662	0.5	31.5	0.3	4.9	3.4	888.0	0.8
	0.3	0.6	1.6	20.0	22.0	95.0	2.0
	17.0	54.0	0.3	0.5	147.0	53.0	90.0
	7.0	0.3	2.5	15.0	5.0	5.0	369.0
	57.0	24.0	6.0	2.5	9.0	10.0	83.0
	3.0	16.0	86.0				
2663	0.5	32.8	0.3	5.1	3.5	903.0	0.9
	0.3	0.6	1.6	20.0	24.0	130.0	1.0
	18.0	56.0	0.3	0.5	138.0	54.0	93.0
	2.5	0.3	2.5	15.0	5.0	5.0	373.0
	57.0	25.0	6.0	2.5	9.0	10.0	85.0
	5.0	16.0	88.0				
2664	0.5	31.6	0.4	4.4	2.6	308.0	0.7
	0.4	0.8	1.3	9.0	13.0	82.0	4.0
	10.0	30.0	0.3	1.0	279.0	46.0	78.0
	2.5	0.3	2.5	15.0	5.0	5.0	319.0
	45.0	21.0	5.0	2.5	8.0	10.0	85.0
	1.0	14.0	91.0				
2665	0.5	28.3	0.3	4.7	3.0	1445.0	0.8
	0.3	0.8	1.4	13.0	15.0	111.0	1.0
	15.0	51.0	0.3	0.5	215.0	64.0	76.0
	2.5	0.3	2.5	12.0	5.0	5.0	344.0
	57.0	24.0	5.0	2.5	8.0	10.0	84.0
	0.5	17.0	92.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
2666	0.5	32.3	0.4	4.4	2.9	1157.0	0.7
	0.3	0.9	1.3	12.0	13.0	94.0	1.0
	13.0	46.0	0.3	0.5	242.0	58.0	76.0
	2.5	0.3	2.5	12.0	5.0	5.0	319.0
	52.0	22.0	4.0	2.5	7.0	10.0	79.0
	2.0	16.0	93.0				
2668	0.5	27.2	0.3	4.7	3.6	760.0	0.7
	0.3	0.6	1.5	23.0	22.0	88.0	1.0
	16.0	53.0	0.3	0.5	180.0	48.0	86.0
	2.5	0.3	2.5	15.0	5.0	5.0	454.0
	55.0	25.0	6.0	2.5	8.0	10.0	84.0
	0.5	17.0	89.0				
3017	0.5	26.4	0.8	2.5	3.0	834.0	0.4
	0.6	0.7	0.8	3.0	14.0	34.0	2.0
	7.0	16.0	0.3	0.5	558.0	13.0	42.0
	30.0	0.3	2.5	7.0	5.0	5.0	242.0
	22.0	14.0	2.0	2.5	7.0	10.0	87.0
	0.5	17.0	118.0				
3018	0.5	42.4	0.9	3.4	10.0	3388.0	1.2
	1.4	0.3	0.3	3.0	6.0	85.0	4.0
	25.0	18.0	0.3	2.0	756.0	11.0	24.0
	2.5	0.3	2.5	6.0	5.0	5.0	116.0
	45.0	59.0	0.5	2.5	34.0	23.0	56.0
	0.5	97.0	128.0				
3019	0.5	28.8	0.8	2.8	3.3	657.0	0.5
	0.6	0.7	0.8	3.0	10.0	39.0	2.0
	8.0	18.0	0.3	0.5	499.0	20.0	49.0
	8.0	0.3	2.5	9.0	5.0	5.0	266.0
	26.0	16.0	3.0	2.5	8.0	10.0	91.0
	0.5	18.0	120.0				
3020	0.5	32.6	0.3	3.5	2.5	412.0	0.6
	0.5	0.8	0.8	8.0	11.0	59.0	0.5
	10.0	34.0	0.3	0.5	339.0	35.0	63.0
	11.0	0.3	2.5	7.0	5.0	5.0	221.0
	32.0	18.0	1.0	2.5	7.0	10.0	63.0
	0.5	12.0	76.0				
3020A	0.5	40.6	0.9	3.0	2.8	499.0	0.5
	0.5	0.8	0.8	3.0	12.0	44.0	1.0
	7.0	21.0	0.3	0.5	400.0	26.0	54.0
	2.5	0.3	2.5	8.0	5.0	5.0	291.0
	31.0	18.0	0.5	2.5	7.0	10.0	90.0
	0.5	15.0	149.0				
3021	0.5	28.4	0.9	2.9	6.6	1493.0	0.7
	0.9	0.5	0.6	4.0	11.0	55.0	3.0
	13.0	19.0	0.3	0.5	597.0	16.0	40.0
	2.5	0.3	2.5	8.0	5.0	5.0	194.0
	29.0	31.0	0.5	2.5	16.0	10.0	75.0
	0.5	42.0	116.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
3022	0.5	30.5	0.7	4.6	5.2	610.0	1.0
	1.6	0.8	1.0	18.0	18.0	68.0	2.0
	16.0	41.0	0.8	0.5	394.0	27.0	145.0
	2.5	0.3	2.5	18.0	5.0	5.0	260.0
	47.0	21.0	6.0	2.5	14.0	10.0	102.0
	0.5	22.0	112.0				
3023	0.5	34.4	0.3	4.1	2.9	736.0	0.6
	0.5	0.8	1.0	9.0	11.0	84.0	0.5
	12.0	42.0	0.6	0.5	268.0	68.0	73.0
	2.5	0.3	2.5	13.0	5.0	5.0	303.0
	50.0	21.0	5.0	2.5	7.0	10.0	73.0
	0.5	18.0	87.0				
3024	0.5	46.6	0.5	3.4	3.7	534.0	0.6
	1.6	0.8	0.8	11.0	13.0	56.0	0.5
	10.0	25.0	0.6	0.5	329.0	21.0	95.0
	2.5	0.3	2.5	14.0	5.0	5.0	794.0
	34.0	16.0	3.0	2.5	10.0	10.0	125.0
	0.5	18.0	74.0				
3025	0.5	24.9	0.4	4.1	3.0	467.0	0.6
	0.7	0.9	1.0	9.0	13.0	72.0	0.5
	12.0	38.0	0.6	0.5	294.0	60.0	82.0
	2.5	0.3	2.5	14.0	5.0	5.0	363.0
	43.0	19.0	5.0	2.5	8.0	10.0	84.0
	0.5	16.0	108.0				
3026	0.5	36.2	0.3	4.7	3.0	723.0	0.8
	1.2	0.5	1.4	12.0	17.0	90.0	1.0
	12.0	48.0	0.7	0.5	93.0	68.0	81.0
	2.5	0.3	2.5	15.0	5.0	5.0	559.0
	49.0	25.0	7.0	2.5	8.0	10.0	101.0
	0.5	16.0	72.0				
3027	0.5	40.6	0.5	6.8	4.2	1451.0	1.3
	0.3	1.1	1.7	19.0	25.0	167.0	5.0
	25.0	88.0	0.7	0.5	162.0	109.0	103.0
	2.5	0.3	2.5	19.0	5.0	5.0	349.0
	76.0	32.0	6.0	2.5	14.0	10.0	79.0
	0.5	29.0	118.0				
3028	0.5	30.8	0.4	6.6	4.6	1687.0	1.3
	0.4	1.1	1.8	23.0	29.0	113.0	2.0
	23.0	78.0	0.6	1.0	264.0	61.0	104.0
	2.5	0.3	2.5	19.0	5.0	5.0	370.0
	82.0	33.0	8.0	2.5	14.0	10.0	87.0
	2.0	24.0	117.0				
3122	0.5	47.9	1.0	3.5	5.8	896.0	0.5
	0.9	0.7	1.0	8.0	13.0	52.0	2.0
	12.0	24.0	0.3	0.5	241.0	25.0	92.0
	2.5	0.3	2.5	18.0	5.0	5.0	327.0
	59.0	24.0	0.5	2.5	10.0	10.0	133.0
	0.5	22.0	79.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
3126	18.0	39.1	1.5	3.4	9.9	1754.0	0.8
	1.0	0.6	0.7	12.0	78.0	74.0	2.0
	19.0	32.0	0.3	1.0	728.0	24.0	106.0
	12.0	0.3	2.5	18.0	5.0	5.0	1274.0
	71.0	29.0	0.5	2.5	17.0	10.0	90.0
	1.0	43.0	226.0				
3128	0.5	39.9	1.5	3.4	9.9	1438.0	0.8
	0.8	0.6	0.9	21.0	25.0	80.0	0.5
	23.0	44.0	0.3	0.5	501.0	30.0	126.0
	7.0	0.3	2.5	19.0	5.0	5.0	1831.0
	56.0	22.0	0.5	2.5	14.0	10.0	83.0
	5.0	35.0	141.0				
3132	0.5	39.9	0.5	3.3	2.5	292.0	0.3
	0.5	0.7	1.0	7.0	12.0	64.0	0.5
	7.0	92.0	0.5	0.5	237.0	23.0	55.0
	2.5	0.3	2.5	13.0	5.0	5.0	307.0
	37.0	14.0	3.0	2.5	5.0	10.0	95.0
	0.5	11.0	141.0				
3133	0.5	50.6	0.5	3.9	3.6	370.0	0.6
	0.3	0.7	1.1	11.0	15.0	46.0	1.0
	12.0	39.0	0.6	0.5	296.0	32.0	78.0
	2.5	0.3	2.5	14.0	5.0	5.0	258.0
	45.0	20.0	3.0	2.5	7.0	10.0	74.0
	0.5	17.0	129.0				
3134	0.5	31.8	1.1	3.7	5.0	886.0	0.7
	0.5	0.8	1.0	7.0	14.0	53.0	1.0
	12.0	33.0	0.3	0.5	458.0	26.0	76.0
	2.5	0.3	2.5	10.0	5.0	5.0	235.0
	38.0	28.0	0.5	2.5	11.0	10.0	73.0
	0.5	25.0	113.0				
3135	0.5	34.5	1.2	3.0	7.7	1701.0	0.7
	0.9	0.6	0.6	4.0	10.0	59.0	3.0
	14.0	22.0	0.3	0.5	685.0	17.0	50.0
	2.5	0.3	2.5	9.0	5.0	5.0	174.0
	45.0	40.0	0.5	2.5	17.0	10.0	69.0
	2.0	44.0	144.0				
3136	0.5	29.4	0.8	5.4	5.1	785.0	1.8
	1.9	1.3	1.3	21.0	12.0	84.0	1.0
	22.0	51.0	0.6	0.5	143.0	53.0	171.0
	13.0	0.3	2.5	20.0	5.0	5.0	619.0
	51.0	27.0	3.0	2.5	22.0	10.0	222.0
	0.5	23.0	110.0				
3314	0.5	44.3	0.6	4.2	3.4	443.0	0.8
	0.3	0.6	1.6	13.0	14.0	47.0	2.0
	12.0	27.0	0.3	0.5	182.0	41.0	75.0
	13.0	0.3	2.5	15.0	5.0	5.0	334.0
	54.0	26.0	2.0	2.5	8.0	10.0	54.0
	3.0	14.0	86.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
3315	0.5	23.3	0.4	5.5	3.0	472.0	1.1
	0.2	0.8	2.0	12.0	24.0	53.0	0.5
	12.0	33.0	0.3	0.5	250.0	52.0	70.0
	35.0	0.3	2.5	13.0	5.0	5.0	396.0
	53.0	29.0	4.0	2.5	8.0	10.0	55.0
	7.0	13.0	106.0				
3316	0.5	30.6	0.6	5.4	4.4	893.0	1.0
	0.5	1.0	1.5	11.0	10.0	84.0	0.5
	17.0	59.0	0.3	0.5	234.0	74.0	101.0
	7.0	0.3	2.5	18.0	5.0	5.0	404.0
	60.0	28.0	5.0	2.5	12.0	10.0	80.0
	0.5	21.0	97.0				
3317	0.5	38.8	1.0	1.8	10.0	3558.0	2.8
	5.6	0.6	0.1	16.0	15.0	300.0	6.0
	37.0	28.0	0.3	0.5	106.0	25.0	137.0
	18.0	0.3	6.0	3.0	5.0	5.0	228.0
	24.0	32.0	2.0	2.5	65.0	10.0	128.0
	0.5	29.0	79.0				
3318	0.5	22.8	1.3	6.0	6.4	2014.0	2.0
	1.8	1.4	1.0	26.0	22.0	132.0	0.5
	28.0	44.0	0.3	2.0	113.0	77.0	229.0
	2.5	0.3	2.5	20.0	5.0	5.0	633.0
	55.0	29.0	0.5	2.5	23.0	10.0	199.0
	0.5	24.0	115.0				
3319	0.5	21.7	1.4	5.6	7.4	1766.0	2.4
	2.6	1.2	0.8	30.0	20.0	170.0	2.0
	29.0	46.0	0.3	1.0	154.0	69.0	296.0
	2.5	0.3	2.5	22.0	5.0	5.0	533.0
	49.0	29.0	0.5	2.5	30.0	10.0	194.0
	0.5	29.0	140.0				
3320	0.5	28.5	0.9	5.1	5.7	1576.0	1.5
	1.8	1.2	1.0	20.0	21.0	113.0	1.0
	27.0	61.0	0.5	1.0	210.0	47.0	205.0
	2.5	0.3	2.5	18.0	5.0	5.0	339.0
	64.0	28.0	0.5	2.5	20.0	10.0	149.0
	0.5	23.0	112.0				
3321	0.5	44.7	1.1	3.7	9.8	1269.0	0.8
	1.8	0.7	0.6	15.0	16.0	78.0	1.0
	23.0	39.0	0.3	2.0	1597.0	22.0	192.0
	2.5	0.3	2.5	17.0	5.0	5.0	276.0
	49.0	28.0	0.5	2.5	18.0	10.0	97.0
	0.5	31.0	130.0				
3322	0.5	28.4	0.3	4.8	3.5	2056.0	0.6
	0.3	0.5	1.3	21.0	22.0	135.0	2.0
	16.0	36.0	0.3	1.0	95.0	54.0	79.0
	2.5	0.3	2.5	14.0	5.0	5.0	852.0
	64.0	26.0	5.0	2.5	8.0	10.0	94.0
	0.5	15.0	81.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-001	0.5	23.9	0.9	7.0	6.1	728.0	1.6
	1.8	2.3	1.4	34.0	16.0	89.0	0.5
	23.0	41.0	0.3	0.5	128.0	21.0	171.0
	2.5	0.3	2.5	23.0	5.0	5.0	460.0
	96.0	49.0	16.0	2.5	16.0	10.0	406.0
	0.5	23.0	211.0				
A-002	0.5	27.9	1.0	6.7	6.8	668.0	1.3
	2.1	2.6	1.2	28.0	22.0	85.0	2.0
	23.0	42.0	0.3	0.5	130.0	21.0	200.0
	2.5	0.3	2.5	20.0	5.0	5.0	515.0
	88.0	54.0	14.0	2.5	17.0	10.0	477.0
	0.5	23.0	200.0				
A-003	0.5	21.6	0.7	6.6	5.3	1048.0	1.2
	0.9	1.7	1.7	18.0	25.0	109.0	0.5
	20.0	40.0	0.3	0.5	152.0	60.0	147.0
	2.5	0.3	2.5	19.0	5.0	5.0	458.0
	78.0	40.0	10.0	2.5	13.0	10.0	247.0
	4.0	20.0	163.0				
A-004	0.5	29.1	0.7	6.5	6.6	1698.0	1.3
	0.7	1.3	1.7	25.0	28.0	126.0	0.5
	24.0	47.0	0.3	0.5	132.0	55.0	176.0
	2.5	0.3	2.5	19.0	5.0	5.0	424.0
	91.0	43.0	11.0	2.5	15.0	10.0	170.0
	0.5	26.0	168.0				
A-005	0.5	19.4	1.1	6.3	8.4	1047.0	1.5
	1.5	2.1	1.3	29.0	26.0	120.0	0.5
	25.0	32.0	0.3	0.5	130.0	33.0	240.0
	2.5	0.3	2.5	22.0	5.0	5.0	389.0
	84.0	50.0	12.0	2.5	17.0	10.0	286.0
	0.5	23.0	188.0				
A-006	0.5	21.7	0.9	6.4	6.8	812.0	1.6
	1.7	2.2	1.2	29.0	22.0	89.0	0.5
	25.0	34.0	0.3	0.5	113.0	33.0	188.0
	2.5	0.3	2.5	21.0	5.0	5.0	424.0
	76.0	43.0	12.0	2.5	17.0	10.0	300.0
	2.0	22.0	181.0				
A-007	0.5	22.6	0.3	6.7	4.9	502.0	1.3
	1.3	2.4	1.5	18.0	23.0	87.0	0.5
	20.0	35.0	0.3	0.5	139.0	39.0	71.0
	2.5	0.3	2.5	18.0	5.0	5.0	471.0
	81.0	44.0	4.0	2.5	14.0	10.0	350.0
	4.0	22.0	124.0				
A-008	0.5	16.3	0.6	5.9	10.0	1098.0	1.5
	1.7	1.8	1.1	32.0	33.0	121.0	0.5
	25.0	50.0	0.3	0.5	218.0	44.0	209.0
	12.0	0.3	2.5	18.0	5.0	5.0	428.0
	89.0	50.0	8.0	2.5	19.0	10.0	331.0
	12.0	22.0	106.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-009	0.5	21.7	0.3	6.5	5.3	1665.0	1.3
	0.8	1.4	1.8	36.0	25.0	99.0	1.0
	23.0	95.0	0.3	0.5	380.0	55.0	69.0
	2.5	0.3	2.5	18.0	5.0	5.0	448.0
	83.0	41.0	4.0	2.5	13.0	10.0	177.0
	0.5	25.0	99.0				
A-010	0.5	20.9	0.7	6.8	5.6	2051.0	1.5
	1.3	1.5	1.6	28.0	28.0	96.0	2.0
	26.0	46.0	0.3	0.5	129.0	51.0	151.0
	2.5	0.3	2.5	21.0	5.0	5.0	441.0
	93.0	50.0	12.0	2.5	17.0	10.0	256.0
	0.5	36.0	162.0				
A-011	0.5	29.4	1.1	4.7	10.0	919.0	1.4
	1.9	1.4	0.8	41.0	41.0	109.0	7.0
	26.0	50.0	0.3	2.0	165.0	25.0	503.0
	23.0	0.3	7.0	17.0	5.0	5.0	342.0
	99.0	59.0	8.0	2.5	21.0	10.0	341.0
	6.0	21.0	173.0				
A-012	0.5	22.3	0.6	6.8	5.2	1566.0	1.6
	1.0	1.5	1.8	25.0	30.0	72.0	3.0
	22.0	46.0	0.3	1.0	133.0	47.0	131.0
	2.5	0.3	2.5	22.0	5.0	5.0	437.0
	87.0	39.0	12.0	2.5	15.0	10.0	204.0
	8.0	26.0	166.0				
A-013	0.5	20.4	0.9	6.3	10.0	840.0	1.8
	2.5	2.1	1.1	37.0	28.0	93.0	2.0
	25.0	45.0	0.3	0.5	159.0	25.0	271.0
	6.0	0.3	6.0	20.0	5.0	5.0	472.0
	95.0	52.0	10.0	2.5	20.0	10.0	437.0
	8.0	24.0	170.0				
A-014	0.5	25.8	0.4	6.1	4.6	1170.0	0.9
	0.3	0.8	1.7	24.0	28.0	64.0	2.0
	16.0	52.0	0.3	0.5	172.0	51.0	94.0
	2.5	0.3	2.5	17.0	5.0	5.0	354.0
	70.0	29.0	8.0	2.5	11.0	10.0	101.0
	0.5	19.0	122.0				
A-015	0.5	34.3	0.4	6.3	5.0	2411.0	0.9
	0.4	0.8	1.8	24.0	30.0	95.0	0.5
	24.0	53.0	0.3	0.5	152.0	52.0	101.0
	2.5	0.3	2.5	18.0	5.0	5.0	400.0
	85.0	32.0	9.0	2.5	11.0	10.0	121.0
	0.5	17.0	119.0				
A-016	0.5	29.8	0.5	5.8	7.2	1444.0	0.9
	0.3	0.8	1.6	37.0	41.0	89.0	0.5
	27.0	60.0	0.3	0.5	188.0	49.0	108.0
	35.0	0.3	2.5	17.0	5.0	5.0	326.0
	89.0	35.0	9.0	2.5	12.0	10.0	113.0
	0.5	20.0	121.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-017	0.5	36.6	0.5	7.4	4.1	828.0	1.1
	0.6	1.0	2.0	16.0	21.0	115.0	0.5
	18.0	43.0	0.3	0.5	109.0	64.0	117.0
	2.5	0.3	2.5	21.0	5.0	5.0	379.0
	68.0	31.0	11.0	2.5	13.0	10.0	181.0
	0.5	17.0	126.0				
A-018	0.5	29.8	0.2	8.2	4.9	514.0	1.1
	0.2	0.3	2.7	30.0	21.0	91.0	0.5
	18.0	48.0	0.3	0.5	103.0	39.0	57.0
	2.5	0.3	2.5	21.0	5.0	5.0	328.0
	67.0	33.0	3.0	2.5	15.0	10.0	66.0
	0.5	14.0	80.0				
A-019	0.5	37.4	0.9	7.1	7.2	917.0	1.8
	2.0	2.2	1.4	36.0	22.0	87.0	0.5
	25.0	42.0	0.3	0.5	101.0	39.0	203.0
	2.5	0.3	2.5	22.0	5.0	5.0	491.0
	90.0	49.0	14.0	2.5	18.0	10.0	387.0
	0.5	25.0	205.0				
A-020	0.5	34.5	0.7	6.9	5.1	1125.0	1.4
	1.0	1.7	1.9	28.0	33.0	74.0	10.0
	22.0	46.0	0.3	0.5	117.0	36.0	134.0
	2.5	0.3	2.5	21.0	5.0	5.0	471.0
	87.0	48.0	11.0	2.5	15.0	10.0	263.0
	0.5	26.0	178.0				
A-021	0.5	22.7	0.6	7.0	4.9	715.0	1.3
	1.0	1.8	1.9	24.0	26.0	78.0	3.0
	19.0	43.0	0.3	0.5	140.0	37.0	133.0
	2.5	0.3	2.5	21.0	5.0	5.0	454.0
	75.0	43.0	14.0	2.5	14.0	10.0	273.0
	0.5	23.0	178.0				
A-022	0.5	32.7	0.6	7.1	4.3	449.0	1.7
	1.1	1.8	1.9	24.0	14.0	85.0	2.0
	18.0	43.0	0.3	0.5	117.0	40.0	119.0
	2.5	0.3	2.5	21.0	5.0	5.0	365.0
	73.0	37.0	12.0	2.5	14.0	10.0	240.0
	0.5	20.0	162.0				
A-023	0.5	31.5	0.7	6.6	5.3	1131.0	1.7
	1.3	1.7	1.7	26.0	23.0	79.0	1.0
	24.0	42.0	0.3	0.5	112.0	41.0	142.0
	15.0	0.3	2.5	20.0	5.0	5.0	412.0
	84.0	41.0	13.0	2.5	14.0	10.0	265.0
	0.5	21.0	171.0				
A-024	0.5	19.7	0.6	6.6	4.8	350.0	1.8
	1.1	1.6	1.8	26.0	20.0	76.0	0.5
	18.0	50.0	0.3	0.5	148.0	31.0	133.0
	2.5	0.3	2.5	21.0	5.0	5.0	358.0
	72.0	37.0	12.0	2.5	14.0	10.0	242.0
	1.0	19.0	158.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-025	0.5	36.2	0.6	6.8	4.6	626.0	1.8
	1.4	1.7	1.6	25.0	21.0	80.0	1.0
	20.0	44.0	0.3	0.5	113.0	33.0	131.0
	2.5	0.3	2.5	21.0	5.0	5.0	369.0
	74.0	38.0	12.0	2.5	14.0	10.0	270.0
	4.0	20.0	165.0				
A-026	0.5	31.2	0.7	6.9	4.9	645.0	1.8
	1.5	1.8	1.7	26.0	19.0	83.0	0.5
	21.0	42.0	0.3	0.5	111.0	33.0	138.0
	2.5	0.3	2.5	23.0	5.0	5.0	377.0
	77.0	40.0	13.0	2.5	14.0	10.0	303.0
	2.0	21.0	172.0				
A-027	0.5	26.6	0.5	6.9	4.4	1029.0	1.7
	0.9	1.5	2.1	21.0	26.0	89.0	0.5
	21.0	47.0	0.3	0.5	111.0	41.0	104.0
	2.5	0.3	2.5	22.0	5.0	5.0	417.0
	89.0	41.0	9.0	2.5	13.0	10.0	190.0
	0.5	23.0	137.0				
A-028	0.5	26.0	0.6	6.7	5.3	2592.0	1.7
	1.2	1.6	1.8	22.0	26.0	107.0	1.0
	23.0	41.0	0.3	0.5	120.0	40.0	134.0
	11.0	0.3	2.5	20.0	5.0	5.0	493.0
	105.0	41.0	13.0	2.5	14.0	10.0	239.0
	5.0	21.0	161.0				
A-029	0.5	20.3	0.3	4.0	2.0	179.0	0.4
	0.4	0.9	0.8	9.0	11.0	84.0	0.5
	11.0	35.0	0.3	0.5	305.0	51.0	53.0
	2.5	0.3	2.5	12.0	5.0	5.0	230.0
	38.0	17.0	5.0	2.5	6.0	10.0	127.0
	0.5	14.0	95.0				
A-030	0.5	15.2	0.3	4.3	2.0	183.0	0.4
	0.5	1.0	0.9	10.0	9.0	85.0	11.0
	11.0	38.0	0.3	0.5	274.0	56.0	55.0
	2.5	0.3	2.5	10.0	5.0	5.0	249.0
	34.0	18.0	6.0	2.5	7.0	10.0	136.0
	0.5	15.0	130.0				
A-031	0.5	16.4	0.3	4.1	2.0	168.0	0.4
	0.4	1.0	0.9	9.0	10.0	74.0	4.0
	11.0	35.0	0.3	0.5	297.0	51.0	53.0
	2.5	0.3	2.5	10.0	5.0	5.0	242.0
	36.0	18.0	5.0	2.5	6.0	10.0	133.0
	0.5	14.0	174.0				
A-032	0.5	25.2	0.6	5.6	4.2	714.0	0.8
	0.8	1.8	1.0	25.0	17.0	93.0	3.0
	18.0	59.0	0.3	0.5	327.0	45.0	106.0
	2.5	0.3	2.5	16.0	5.0	5.0	328.0
	70.0	32.0	10.0	2.5	11.0	10.0	278.0
	2.0	21.0	181.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-033	0.5	24.9	0.8	6.6	8.6	943.0	1.5
	1.8	1.6	1.4	24.0	31.0	132.0	3.0
	22.0	41.0	0.3	2.0	160.0	59.0	233.0
	2.5	0.3	2.5	20.0	5.0	5.0	370.0
	79.0	49.0	13.0	2.5	16.0	10.0	379.0
	0.5	22.0	170.0				
A-034	0.5	29.5	0.6	7.4	3.7	322.0	1.6
	1.9	2.1	1.7	20.0	25.0	78.0	1.0
	20.0	43.0	0.3	0.5	121.0	30.0	112.0
	2.5	0.3	2.5	22.0	5.0	5.0	351.0
	79.0	43.0	11.0	2.5	14.0	10.0	400.0
	0.5	21.0	153.0				
A-035	0.5	33.7	0.6	6.8	5.1	554.0	1.8
	1.5	1.8	1.8	25.0	21.0	81.0	1.0
	18.0	43.0	0.3	0.5	128.0	32.0	128.0
	2.5	0.3	2.5	21.0	5.0	5.0	381.0
	86.0	48.0	11.0	2.5	15.0	10.0	287.0
	0.5	25.0	156.0				
A-036	0.5	20.3	0.7	6.6	5.8	1025.0	1.7
	1.2	1.5	1.8	26.0	25.0	100.0	2.0
	20.0	47.0	0.3	0.5	163.0	39.0	159.0
	2.5	0.3	2.5	21.0	5.0	5.0	402.0
	83.0	46.0	12.0	2.5	15.0	10.0	244.0
	0.5	24.0	159.0				
A-037	0.5	25.4	0.6	6.3	5.3	1485.0	1.6
	1.0	1.4	1.8	26.0	23.0	96.0	8.0
	22.0	47.0	0.3	0.5	124.0	45.0	143.0
	10.0	0.3	2.5	20.0	5.0	5.0	408.0
	85.0	43.0	13.0	2.5	14.0	10.0	214.0
	0.5	23.0	158.0				
A-038	0.5	26.5	0.6	6.4	4.1	579.0	1.5
	1.0	1.7	1.7	21.0	24.0	66.0	2.0
	18.0	36.0	0.3	0.5	121.0	33.0	118.0
	2.5	0.3	2.5	21.0	5.0	5.0	376.0
	77.0	35.0	13.0	2.5	12.0	10.0	223.0
	9.0	18.0	183.0				
A-039	1.0	26.6	0.8	6.2	8.2	697.0	1.5
	1.9	1.6	1.4	24.0	28.0	85.0	3.0
	21.0	38.0	0.3	0.5	145.0	34.0	227.0
	2.5	0.3	2.5	21.0	5.0	5.0	350.0
	82.0	47.0	14.0	2.5	15.0	10.0	384.0
	0.5	20.0	162.0				
A-040	0.5	31.5	0.7	6.6	7.0	1062.0	1.9
	1.8	1.8	1.3	33.0	27.0	98.0	2.0
	26.0	42.0	0.3	0.5	109.0	35.0	168.0
	16.0	0.3	2.5	19.0	5.0	5.0	373.0
	72.0	44.0	14.0	2.5	15.0	10.0	374.0
	0.5	22.0	153.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-041	0.5	31.5	0.9	6.4	7.8	655.0	1.7
	2.2	1.8	1.3	32.0	28.0	85.0	2.0
	22.0	39.0	0.6	0.5	128.0	28.0	219.0
	13.0	0.3	2.5	21.0	5.0	5.0	326.0
	81.0	50.0	16.0	2.5	17.0	10.0	435.0
	0.5	22.0	165.0				
A-042	0.5	24.6	0.8	5.8	8.5	740.0	1.7
	1.9	1.5	1.1	45.0	25.0	87.0	0.5
	22.0	43.0	0.3	0.5	155.0	31.0	228.0
	2.5	0.3	2.5	18.0	5.0	5.0	304.0
	73.0	46.0	14.0	2.5	16.0	10.0	375.0
	0.5	19.0	145.0				
A-043	0.5	26.1	0.6	5.9	4.9	711.0	1.4
	1.4	1.4	1.4	22.0	18.0	95.0	0.5
	20.0	41.0	0.3	0.5	156.0	37.0	140.0
	15.0	0.3	2.5	19.0	5.0	5.0	309.0
	67.0	35.0	11.0	2.5	13.0	10.0	276.0
	0.5	18.0	138.0				
A-044	0.5	27.3	0.4	3.8	4.8	397.0	0.7
	0.9	0.7	1.0	16.0	18.0	76.0	1.0
	15.0	31.0	0.3	0.5	224.0	24.0	112.0
	2.5	0.3	2.5	14.0	5.0	5.0	198.0
	42.0	21.0	7.0	2.5	8.0	10.0	157.0
	0.5	10.0	89.0				
A-045	0.5	31.1	0.8	5.5	10.0	630.0	1.4
	2.7	1.3	1.1	34.0	34.0	84.0	0.5
	22.0	45.0	1.1	0.5	151.0	26.0	279.0
	11.0	0.3	2.5	18.0	5.0	5.0	373.0
	74.0	45.0	13.0	2.5	16.0	10.0	439.0
	15.0	19.0	138.0				
A-046	0.5	32.5	1.1	5.8	8.8	695.0	1.5
	2.1	1.7	1.1	28.0	29.0	86.0	0.5
	24.0	39.0	0.3	0.5	172.0	27.0	265.0
	2.5	0.3	2.5	20.0	5.0	5.0	335.0
	73.0	46.0	15.0	2.5	17.0	10.0	385.0
	0.5	19.0	165.0				
A-047	0.5	21.9	0.3	5.4	3.0	423.0	0.8
	0.6	0.8	1.6	17.0	18.0	63.0	4.0
	13.0	44.0	0.3	0.5	154.0	42.0	81.0
	2.5	0.3	2.5	16.0	5.0	5.0	251.0
	55.0	26.0	8.0	2.5	10.0	10.0	103.0
	0.5	16.0	104.0				
A-048	0.5	22.4	0.4	5.6	3.2	450.0	0.8
	0.6	0.8	1.6	18.0	14.0	69.0	2.0
	14.0	45.0	0.3	0.5	182.0	42.0	85.0
	2.5	0.3	2.5	17.0	5.0	5.0	255.0
	56.0	23.0	8.0	2.5	10.0	10.0	108.0
	0.5	17.0	109.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-049	0.5	26.0	0.4	5.4	3.1	392.0	0.8
	0.6	0.9	1.5	16.0	17.0	64.0	1.0
	14.0	46.0	0.3	0.5	193.0	41.0	82.0
	2.5	0.3	2.5	17.0	5.0	5.0	247.0
	55.0	25.0	8.0	2.5	10.0	10.0	107.0
	5.0	16.0	109.0				
A-050	0.5	25.5	0.4	5.5	3.1	409.0	0.8
	0.6	0.8	1.5	16.0	18.0	59.0	0.5
	14.0	45.0	0.3	0.5	184.0	41.0	87.0
	2.5	0.3	2.5	16.0	5.0	5.0	248.0
	55.0	23.0	7.0	2.5	10.0	10.0	108.0
	2.0	16.0	110.0				
A-051	0.5	22.2	0.3	5.4	3.1	373.0	0.7
	0.6	0.9	1.5	15.0	16.0	66.0	0.5
	13.0	44.0	0.3	0.5	213.0	41.0	80.0
	9.0	0.3	2.5	16.0	5.0	5.0	246.0
	53.0	25.0	7.0	2.5	9.0	10.0	108.0
	3.0	16.0	107.0				
A-052	0.5	24.0	0.3	5.1	3.0	351.0	0.7
	0.6	0.8	1.4	14.0	16.0	108.0	0.5
	13.0	43.0	0.3	0.5	212.0	39.0	78.0
	2.5	0.3	2.5	16.0	5.0	5.0	230.0
	53.0	24.0	7.0	2.5	9.0	10.0	104.0
	0.5	15.0	104.0				
A-053	0.5	23.2	0.3	5.4	3.1	391.0	0.7
	0.6	0.8	1.5	15.0	15.0	69.0	1.0
	14.0	46.0	0.3	0.5	198.0	41.0	81.0
	2.5	0.3	2.5	16.0	5.0	5.0	242.0
	54.0	25.0	8.0	2.5	9.0	10.0	106.0
	2.0	16.0	107.0				
A-054	0.5	26.5	0.4	5.5	3.1	403.0	0.8
	0.6	0.9	1.5	16.0	16.0	74.0	1.0
	14.0	47.0	0.3	0.5	192.0	41.0	83.0
	2.5	0.3	2.5	17.0	5.0	5.0	247.0
	54.0	25.0	9.0	2.5	10.0	10.0	107.0
	0.5	16.0	112.0				
A-055	0.5	32.7	0.4	5.6	3.2	418.0	0.8
	0.6	0.9	1.6	16.0	15.0	68.0	2.0
	14.0	46.0	0.3	0.5	165.0	43.0	84.0
	9.0	0.3	2.5	16.0	5.0	5.0	255.0
	57.0	27.0	8.0	2.5	10.0	10.0	111.0
	0.5	16.0	109.0				
A-056	0.5	17.5	1.4	5.0	10.0	754.0	1.2
	1.5	1.7	0.9	28.0	32.0	132.0	2.0
	21.0	39.0	0.3	0.5	214.0	26.0	381.0
	11.0	0.3	2.5	19.0	5.0	5.0	355.0
	82.0	52.0	12.0	2.5	17.0	10.0	295.0
	2.0	19.0	183.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-057	0.5	24.5	1.1	6.3	8.3	1144.0	1.7
	2.2	2.3	0.9	34.0	24.0	138.0	2.0
	29.0	32.0	0.5	0.5	101.0	18.0	246.0
	2.5	0.3	2.5	22.0	5.0	5.0	322.0
	69.0	44.0	14.0	2.5	19.0	10.0	326.0
	0.5	21.0	195.0				
A-058	0.5	25.3	1.0	6.4	7.9	752.0	1.5
	1.9	2.1	1.2	30.0	23.0	97.0	2.0
	25.0	39.0	0.3	0.5	135.0	28.0	236.0
	8.0	0.3	2.5	22.0	5.0	5.0	428.0
	81.0	49.0	14.0	2.5	17.0	10.0	373.0
	2.0	22.0	196.0				
A-059	0.5	25.3	0.8	6.3	5.5	971.0	1.4
	1.4	1.8	1.4	20.0	22.0	100.0	2.0
	20.0	35.0	0.3	0.5	126.0	46.0	157.0
	9.0	0.3	2.5	20.0	5.0	5.0	413.0
	69.0	38.0	13.0	2.5	14.0	10.0	280.0
	0.5	19.0	170.0				
A-060	0.5	24.5	1.0	6.4	6.8	967.0	1.4
	1.4	1.3	1.6	21.0	27.0	119.0	1.0
	22.0	49.0	0.5	1.0	157.0	52.0	204.0
	2.5	0.3	2.5	23.0	5.0	5.0	407.0
	71.0	43.0	15.0	2.5	17.0	10.0	249.0
	3.0	19.0	162.0				
A-061	0.5	22.4	1.0	5.9	6.9	913.0	1.4
	1.7	1.9	1.2	21.0	25.0	109.0	2.0
	22.0	32.0	0.3	0.5	151.0	39.0	209.0
	2.5	0.3	2.5	21.0	5.0	5.0	389.0
	69.0	43.0	14.0	2.5	15.0	10.0	306.0
	0.5	20.0	179.0				
A-062	0.5	29.5	1.0	6.4	7.7	752.0	1.6
	2.1	2.3	1.2	29.0	20.0	102.0	0.5
	25.0	38.0	0.7	0.5	133.0	30.0	233.0
	10.0	0.3	2.5	22.0	5.0	5.0	442.0
	80.0	49.0	17.0	2.5	18.0	10.0	390.0
	0.5	22.0	199.0				
A-063	0.5	25.6	0.9	6.4	6.0	644.0	1.5
	1.8	2.2	1.2	25.0	23.0	89.0	2.0
	21.0	36.0	0.7	0.5	147.0	34.0	186.0
	10.0	0.3	2.5	22.0	5.0	5.0	422.0
	69.0	43.0	16.0	2.5	16.0	10.0	366.0
	2.0	21.0	190.0				
A-064	0.5	27.9	0.8	5.9	6.1	2340.0	1.8
	1.6	1.3	1.3	29.0	27.0	101.0	2.0
	26.0	48.0	0.3	0.5	208.0	35.0	163.0
	2.5	0.3	2.5	18.0	5.0	5.0	375.0
	88.0	45.0	16.0	2.5	16.0	10.0	221.0
	5.0	24.0	175.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-065	0.5	27.8	0.5	6.2	3.5	270.0	1.2
	1.0	1.2	1.5	11.0	10.0	98.0	2.0
	16.0	35.0	1.5	0.5	220.0	40.0	91.0
	40.0	0.3	2.5	22.0	5.0	5.0	240.0
	63.0	30.0	10.0	2.5	12.0	10.0	187.0
	1.0	16.0	131.0				
A-066	0.5	22.0	0.4	5.5	3.5	450.0	0.8
	0.6	0.8	1.5	17.0	19.0	82.0	9.0
	15.0	49.0	0.3	0.5	199.0	42.0	85.0
	2.5	0.3	2.5	16.0	5.0	5.0	277.0
	58.0	27.0	8.0	2.5	10.0	10.0	103.0
	0.5	16.0	113.0				
A-067	0.5	27.0	0.4	5.6	3.4	438.0	0.8
	0.5	0.8	1.6	17.0	18.0	70.0	5.0
	15.0	48.0	0.3	0.5	190.0	42.0	85.0
	2.5	0.3	2.5	17.0	5.0	5.0	257.0
	58.0	27.0	9.0	2.5	10.0	10.0	103.0
	0.5	17.0	114.0				
A-068	0.5	27.0	0.4	5.5	3.4	738.0	0.4
	0.2	0.6	1.5	13.0	15.0	72.0	3.0
	12.0	30.0	0.3	0.5	201.0	70.0	74.0
	2.5	0.3	2.5	16.0	5.0	5.0	268.0
	67.0	34.0	10.0	2.5	8.0	10.0	277.0
	0.5	14.0	151.0				
A-069	0.5	35.4	0.4	6.7	4.1	1202.0	1.0
	0.3	0.4	2.1	18.0	24.0	78.0	2.0
	18.0	42.0	0.3	2.0	113.0	53.0	97.0
	2.5	0.3	2.5	18.0	5.0	5.0	374.0
	67.0	30.0	10.0	2.5	12.0	10.0	80.0
	0.5	14.0	108.0				
A-070	0.5	26.4	0.4	6.3	4.7	843.0	0.9
	0.3	0.6	1.9	21.0	22.0	99.0	0.5
	17.0	54.0	0.3	0.5	186.0	63.0	98.0
	2.5	0.3	2.5	17.0	5.0	5.0	330.0
	65.0	32.0	11.0	2.5	12.0	10.0	99.0
	0.5	17.0	118.0				
A-071	0.5	36.9	0.4	5.8	3.3	430.0	0.8
	0.5	0.9	1.6	16.0	19.0	68.0	1.0
	15.0	48.0	0.3	0.5	170.0	44.0	87.0
	2.5	0.3	2.5	16.0	5.0	5.0	263.0
	56.0	27.0	8.0	2.5	10.0	10.0	103.0
	4.0	17.0	117.0				
A-072	0.5	15.5	0.4	5.8	3.5	462.0	0.8
	0.6	0.8	1.6	18.0	17.0	81.0	0.5
	16.0	50.0	0.3	0.5	247.0	43.0	88.0
	14.0	0.3	2.5	18.0	5.0	5.0	265.0
	61.0	29.0	9.0	2.5	10.0	10.0	108.0
	6.0	17.0	115.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-073	0.5	22.0	0.4	5.4	4.0	480.0	0.8
	0.7	0.9	1.6	19.0	18.0	81.0	0.5
	17.0	53.0	0.3	0.5	191.0	44.0	89.0
	2.5	0.3	2.5	17.0	5.0	5.0	280.0
	62.0	30.0	12.0	2.5	10.0	10.0	113.0
	0.5	17.0	120.0				
A-074	0.5	24.7	0.6	6.8	4.1	507.0	1.2
	1.0	1.4	2.3	21.0	17.0	100.0	7.0
	18.0	40.0	0.3	0.5	141.0	59.0	117.0
	2.5	0.3	2.5	23.0	5.0	5.0	1221.0
	243.0	48.0	20.0	2.5	13.0	10.0	170.0
	0.5	17.0	178.0				
A-075	0.5	22.5	0.5	7.8	5.0	522.0	1.0
	0.5	1.0	2.7	19.0	24.0	98.0	0.5
	19.0	39.0	0.3	0.5	115.0	83.0	112.0
	12.0	0.3	2.5	25.0	5.0	5.0	1425.0
	286.0	50.0	20.0	11.0	12.0	10.0	119.0
	0.5	13.0	163.0				
A-076	0.5	27.1	0.5	7.6	4.6	670.0	1.0
	1.1	0.6	2.7	24.0	23.0	93.0	5.0
	20.0	39.0	0.8	0.5	126.0	63.0	129.0
	10.0	0.3	2.5	25.0	5.0	5.0	359.0
	76.0	45.0	12.0	2.5	14.0	10.0	145.0
	0.5	18.0	114.0				
A-078	0.5	31.1	0.4	5.8	4.2	769.0	0.7
	0.3	0.7	1.7	20.0	24.0	74.0	2.0
	19.0	57.0	0.3	0.5	187.0	49.0	90.0
	21.0	0.3	2.5	16.0	5.0	5.0	269.0
	66.0	35.0	7.0	2.5	11.0	10.0	95.0
	0.5	19.0	108.0				
A-079	0.5	25.9	0.3	5.1	5.4	472.0	0.7
	0.6	0.8	1.4	19.0	30.0	62.0	2.0
	18.0	63.0	0.3	0.5	242.0	40.0	81.0
	35.0	0.3	2.5	16.0	5.0	5.0	305.0
	59.0	33.0	8.0	2.5	9.0	10.0	104.0
	0.5	17.0	97.0				
A-080	0.5	25.1	0.3	5.5	3.5	480.0	0.8
	0.6	0.9	1.6	16.0	15.0	60.0	2.0
	15.0	47.0	0.6	0.5	225.0	42.0	83.0
	2.5	0.3	2.5	17.0	5.0	5.0	255.0
	61.0	32.0	7.0	2.5	10.0	10.0	101.0
	2.0	17.0	103.0				
A-081	0.5	30.2	0.3	5.3	3.9	486.0	0.7
	0.6	0.9	1.5	16.0	19.0	61.0	2.0
	16.0	48.0	0.7	0.5	237.0	41.0	83.0
	11.0	0.3	2.5	17.0	5.0	5.0	252.0
	60.0	31.0	7.0	2.5	10.0	10.0	97.0
	0.5	17.0	103.0				

No ech	Au Ca Co As Ce Ta	Bo Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-082	0.5	21.6	0.3	5.4	4.5	513.0	0.8
	0.6	0.8	1.5	19.0	28.0	65.0	0.5
	18.0	59.0	0.8	1.0	272.0	41.0	85.0
	18.0	0.3	2.5	18.0	5.0	5.0	262.0
	61.0	32.0	7.0	2.5	10.0	10.0	99.0
	2.0	17.0	102.0				
A-083	0.5	30.0	0.3	5.2	3.9	453.0	0.7
	0.6	0.9	1.5	18.0	21.0	64.0	1.0
	17.0	56.0	1.0	0.5	248.0	40.0	81.0
	14.0	0.3	2.5	17.0	5.0	5.0	263.0
	60.0	31.0	7.0	2.5	9.0	10.0	100.0
	0.5	17.0	101.0				
A-084	0.5	25.0	0.7	6.6	5.7	545.0	1.4
	2.5	1.8	1.1	23.0	18.0	99.0	2.0
	20.0	36.0	1.1	0.5	168.0	29.0	161.0
	8.0	0.3	2.5	21.0	5.0	5.0	290.0
	70.0	49.0	11.0	2.5	15.0	10.0	542.0
	0.5	19.0	146.0				
A-085	0.5	31.0	0.4	3.9	10.0	550.0	0.7
	1.3	0.7	1.0	38.0	59.0	70.0	5.0
	28.0	80.0	0.3	1.0	288.0	29.0	173.0
	48.0	0.3	6.0	12.0	5.0	5.0	231.0
	64.0	46.0	10.0	2.5	10.0	10.0	212.0
	0.5	15.0	97.0				
A-086	0.5	33.8	0.4	4.7	5.3	417.0	0.7
	1.4	0.8	1.3	19.0	23.0	74.0	1.0
	17.0	47.0	1.1	0.5	359.0	37.0	107.0
	14.0	0.3	2.5	18.0	5.0	5.0	232.0
	60.0	34.0	9.0	2.5	9.0	10.0	161.0
	3.0	15.0	109.0				
A-087	0.5	29.0	0.4	4.1	4.1	314.0	0.6
	1.0	0.7	1.1	15.0	20.0	57.0	3.0
	14.0	43.0	0.8	0.5	367.0	32.0	92.0
	22.0	0.3	2.5	17.0	5.0	5.0	202.0
	52.0	24.0	7.0	2.5	8.0	10.0	132.0
	3.0	14.0	87.0				
A-088	0.5	28.4	0.4	4.8	5.3	392.0	0.7
	1.0	0.8	1.3	18.0	26.0	60.0	2.0
	17.0	53.0	0.8	0.5	245.0	37.0	95.0
	32.0	0.3	2.5	18.0	5.0	5.0	238.0
	59.0	27.0	8.0	2.5	9.0	10.0	141.0
	0.5	15.0	91.0				
A-089	0.5	31.8	0.4	5.1	4.9	440.0	0.7
	1.4	0.9	1.4	19.0	21.0	66.0	2.0
	17.0	52.0	0.8	0.5	346.0	40.0	108.0
	15.0	0.3	2.5	17.0	5.0	5.0	274.0
	59.0	35.0	9.0	2.5	10.0	10.0	158.0
	0.5	17.0	124.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-090	0.5	26.4	0.4	4.8	4.6	378.0	0.7
	1.0	0.8	1.3	18.0	23.0	61.0	1.0
	16.0	49.0	0.7	0.5	348.0	37.0	102.0
	13.0	0.3	2.5	18.0	5.0	5.0	243.0
	56.0	33.0	8.0	2.5	9.0	10.0	142.0
	0.5	15.0	107.0				
A-091	0.5	32.2	0.4	5.2	4.5	437.0	0.8
	1.5	0.8	1.5	20.0	20.0	65.0	2.0
	16.0	86.0	1.1	0.5	215.0	41.0	94.0
	23.0	0.3	2.5	18.0	5.0	5.0	238.0
	61.0	34.0	9.0	2.5	10.0	10.0	160.0
	2.0	17.0	99.0				
A-092	0.5	27.4	0.4	5.1	4.4	450.0	0.8
	1.5	0.8	1.4	18.0	17.0	65.0	2.0
	16.0	49.0	0.9	2.0	220.0	40.0	91.0
	10.0	0.3	2.5	18.0	5.0	5.0	230.0
	55.0	33.0	9.0	2.5	10.0	10.0	164.0
	0.5	16.0	100.0				
A-093	0.5	28.5	0.4	5.8	4.2	541.0	0.9
	1.7	0.9	1.7	19.0	18.0	68.0	1.0
	17.0	49.0	0.9	0.5	187.0	44.0	95.0
	20.0	0.3	2.5	19.0	5.0	5.0	260.0
	61.0	36.0	9.0	2.5	11.0	10.0	181.0
	2.0	18.0	108.0				
A-094	0.5	23.1	0.4	4.9	4.2	396.0	0.7
	1.3	0.9	1.3	20.0	20.0	65.0	1.0
	16.0	56.0	0.8	0.5	273.0	39.0	90.0
	23.0	0.3	2.5	16.0	5.0	5.0	220.0
	54.0	32.0	8.0	2.5	9.0	10.0	163.0
	0.5	16.0	93.0				
A-095	0.5	26.4	0.4	6.1	3.8	853.0	0.8
	0.3	0.7	1.6	19.0	21.0	85.0	0.5
	17.0	67.0	0.7	0.5	202.0	72.0	94.0
	10.0	0.3	2.5	18.0	5.0	5.0	287.0
	64.0	35.0	8.0	2.5	11.0	10.0	86.0
	5.0	21.0	119.0				
A-096	0.5	21.1	0.3	4.9	2.9	589.0	0.6
	0.2	0.6	1.3	14.0	11.0	60.0	1.0
	13.0	46.0	0.3	0.5	261.0	46.0	77.0
	7.0	0.3	2.5	17.0	5.0	5.0	224.0
	55.0	24.0	6.0	2.5	9.0	10.0	70.0
	0.5	15.0	103.0				
A-097	0.5	31.0	0.4	4.8	5.3	444.0	0.8
	1.8	0.8	1.3	17.0	18.0	65.0	1.0
	16.0	47.0	1.1	0.5	332.0	35.0	127.0
	22.0	0.3	2.5	20.0	5.0	5.0	208.0
	59.0	29.0	10.0	2.5	10.0	10.0	174.0
	4.0	17.0	112.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-098	0.5	30.9	0.3	4.9	3.5	597.0	0.6
	0.3	0.7	1.3	14.0	18.0	62.0	2.0
	14.0	46.0	0.3	0.5	235.0	41.0	79.0
	2.5	0.3	2.5	17.0	5.0	5.0	218.0
	57.0	24.0	7.0	2.5	8.0	10.0	76.0
	0.5	14.0	94.0				
A-099	0.5	23.9	0.4	5.7	3.9	796.0	0.8
	0.2	0.8	1.5	16.0	20.0	76.0	2.0
	17.0	49.0	0.3	0.5	244.0	60.0	90.0
	12.0	0.3	2.5	16.0	5.0	5.0	276.0
	61.0	34.0	7.0	2.5	10.0	10.0	79.0
	0.5	17.0	113.0				
A-100	0.5	26.5	0.4	5.5	4.5	487.0	0.8
	1.6	0.9	1.5	19.0	21.0	79.0	0.5
	16.0	46.0	1.0	0.5	306.0	42.0	102.0
	31.0	0.3	2.5	19.0	5.0	5.0	255.0
	62.0	36.0	9.0	2.5	10.0	10.0	192.0
	2.0	18.0	137.0				
A-101	0.5	32.2	0.6	6.1	5.0	964.0	1.4
	0.5	0.8	1.9	25.0	25.0	96.0	2.0
	21.0	47.0	0.6	0.5	148.0	47.0	127.0
	9.0	0.3	2.5	19.0	5.0	5.0	292.0
	71.0	39.0	10.0	2.5	12.0	10.0	138.0
	1.0	17.0	130.0				
A-102	0.5	21.6	0.6	6.3	5.9	884.0	1.6
	0.5	0.7	2.1	30.0	26.0	100.0	2.0
	21.0	45.0	0.3	0.5	141.0	46.0	140.0
	2.5	0.3	2.5	19.0	5.0	5.0	323.0
	76.0	44.0	11.0	2.5	13.0	10.0	125.0
	2.0	19.0	141.0				
A-103	0.5	29.7	0.6	6.4	4.7	1093.0	1.3
	0.5	0.8	2.0	22.0	23.0	95.0	0.5
	21.0	50.0	0.3	0.5	137.0	49.0	123.0
	7.0	0.3	2.5	20.0	5.0	5.0	316.0
	71.0	38.0	11.0	2.5	12.0	10.0	128.0
	0.5	16.0	128.0				
A-104	0.5	24.9	0.7	6.6	5.7	1447.0	1.7
	0.8	1.0	1.9	33.0	23.0	116.0	1.0
	24.0	47.0	0.3	0.5	139.0	49.0	156.0
	18.0	0.3	2.5	21.0	5.0	5.0	346.0
	80.0	45.0	11.0	2.5	15.0	10.0	173.0
	0.5	21.0	146.0				
A-105	0.5	22.5	0.8	6.6	5.8	1296.0	1.2
	0.5	0.8	2.0	29.0	28.0	113.0	1.0
	25.0	42.0	0.3	0.5	116.0	49.0	145.0
	2.5	0.3	2.5	21.0	5.0	5.0	313.0
	81.0	43.0	11.0	2.5	12.0	10.0	125.0
	0.5	18.0	150.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-106	2.0	25.0	1.0	5.6	9.2	1023.0	1.2
	0.6	0.8	1.4	52.0	46.0	121.0	5.0
	33.0	83.0	0.5	0.5	102.0	43.0	170.0
	13.0	0.3	2.5	23.0	5.0	5.0	663.0
	83.0	37.0	11.0	2.5	12.0	10.0	130.0
	0.5	20.0	151.0				
A-107	0.5	30.3	0.8	6.3	6.7	1535.0	1.3
	0.4	0.4	2.2	28.0	27.0	124.0	0.5
	20.0	46.0	0.3	1.0	116.0	55.0	152.0
	11.0	0.3	2.5	23.0	5.0	5.0	299.0
	70.0	29.0	14.0	2.5	12.0	10.0	74.0
	2.0	13.0	117.0				
A-108	0.5	29.3	0.9	7.0	6.8	1241.0	1.7
	1.2	1.8	1.1	42.0	18.0	100.0	2.0
	31.0	45.0	0.8	0.5	123.0	41.0	203.0
	2.5	0.3	2.5	27.0	5.0	5.0	281.0
	75.0	34.0	13.0	2.5	18.0	10.0	270.0
	0.5	21.0	178.0				
A-109	0.5	26.1	0.8	6.6	6.4	958.0	1.5
	1.0	1.5	1.1	41.0	18.0	127.0	2.0
	28.0	46.0	0.8	0.5	134.0	39.0	189.0
	16.0	0.3	2.5	25.0	5.0	5.0	251.0
	70.0	30.0	10.0	2.5	16.0	10.0	228.0
	2.0	18.0	153.0				
A-110	0.5	39.3	1.0	6.8	7.2	780.0	1.7
	1.0	1.7	1.0	57.0	15.0	82.0	4.0
	31.0	52.0	0.3	0.5	137.0	34.0	215.0
	2.5	0.3	2.5	21.0	5.0	5.0	264.0
	64.0	42.0	11.0	2.5	18.0	10.0	261.0
	3.0	19.0	174.0				
A-111	0.5	25.2	0.8	6.5	6.8	892.0	1.4
	0.9	1.6	1.1	45.0	15.0	95.0	2.0
	29.0	47.0	0.7	1.0	151.0	41.0	204.0
	2.5	0.3	2.5	21.0	5.0	5.0	258.0
	66.0	41.0	10.0	2.5	16.0	10.0	231.0
	0.5	18.0	162.0				
A-112	0.5	38.8	0.9	6.7	7.1	838.0	1.7
	1.1	1.8	1.0	55.0	20.0	91.0	2.0
	31.0	59.0	0.6	0.5	150.0	33.0	193.0
	20.0	0.3	2.5	21.0	5.0	5.0	267.0
	65.0	41.0	8.0	2.5	18.0	10.0	267.0
	0.5	19.0	168.0				
A-113	0.5	29.5	0.8	6.4	6.4	831.0	1.3
	0.8	1.6	1.2	46.0	16.0	83.0	5.0
	26.0	45.0	0.3	0.5	122.0	45.0	174.0
	2.5	0.3	2.5	22.0	5.0	5.0	263.0
	62.0	33.0	6.0	2.5	16.0	10.0	226.0
	0.5	17.0	152.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-114	0.5	33.0	0.9	6.8	6.8	900.0	1.6
	1.1	1.9	1.0	54.0	12.0	89.0	0.5
	29.0	48.0	0.6	1.0	132.0	35.0	196.0
	7.0	0.3	2.5	23.0	5.0	5.0	288.0
	68.0	36.0	8.0	2.5	18.0	10.0	292.0
	0.5	19.0	171.0				
A-115	0.5	28.4	0.8	6.5	5.6	601.0	1.1
	0.8	1.6	1.5	40.0	16.0	71.0	2.0
	23.0	36.0	0.3	0.5	108.0	48.0	151.0
	6.0	0.3	2.5	23.0	5.0	5.0	327.0
	84.0	45.0	11.0	2.5	15.0	10.0	249.0
	3.0	22.0	195.0				
A-116	0.5	21.1	0.8	6.3	5.7	588.0	1.0
	0.8	1.5	1.5	40.0	14.0	75.0	1.0
	22.0	33.0	0.6	0.5	131.0	47.0	153.0
	14.0	0.3	2.5	24.0	5.0	5.0	318.0
	84.0	43.0	10.0	2.5	15.0	10.0	236.0
	0.5	21.0	183.0				
A-117	0.5	22.4	0.8	6.2	5.7	594.0	1.0
	0.8	1.5	1.5	38.0	14.0	72.0	2.0
	22.0	32.0	0.6	0.5	125.0	46.0	155.0
	2.5	0.3	2.5	23.0	5.0	5.0	311.0
	80.0	42.0	9.0	2.5	14.0	10.0	230.0
	0.5	21.0	184.0				
A-118	0.5	23.7	0.8	6.1	5.5	571.0	1.0
	0.7	1.4	1.4	38.0	14.0	70.0	0.5
	22.0	35.0	0.5	0.5	117.0	46.0	147.0
	23.0	0.3	2.5	23.0	5.0	5.0	306.0
	79.0	41.0	9.0	2.5	14.0	10.0	227.0
	0.5	21.0	180.0				
A-119	0.5	20.6	0.8	6.0	5.6	571.0	1.0
	0.7	1.4	1.4	38.0	13.0	70.0	0.5
	22.0	35.0	0.5	0.5	162.0	46.0	148.0
	33.0	0.3	2.5	23.0	5.0	5.0	301.0
	80.0	41.0	8.0	2.5	14.0	10.0	223.0
	0.5	20.0	174.0				
A-120	0.5	31.3	0.8	5.8	5.7	581.0	1.0
	0.7	1.3	1.3	37.0	17.0	93.0	2.0
	22.0	33.0	0.6	0.5	113.0	44.0	149.0
	27.0	0.3	2.5	23.0	5.0	5.0	290.0
	78.0	39.0	9.0	2.5	14.0	10.0	215.0
	0.5	20.0	172.0				
A-121	0.5	24.6	0.8	6.0	6.0	590.0	1.0
	0.7	1.4	1.4	39.0	12.0	79.0	0.5
	22.0	33.0	0.7	0.5	124.0	46.0	154.0
	16.0	0.3	2.5	23.0	5.0	5.0	302.0
	81.0	42.0	8.0	2.5	14.0	10.0	222.0
	0.5	20.0	173.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-122	0.5	23.5	0.8	6.3	5.5	603.0	1.0
	0.8	1.5	1.5	37.0	12.0	68.0	0.5
	22.0	34.0	0.6	0.5	113.0	47.0	139.0
	14.0	0.3	2.5	24.0	5.0	5.0	313.0
	83.0	42.0	9.0	2.5	15.0	10.0	237.0
	2.0	21.0	179.0				
A-123	0.5	30.9	0.8	5.7	6.3	541.0	1.0
	0.7	1.4	1.3	38.0	17.0	68.0	3.0
	22.0	34.0	0.3	0.5	106.0	42.0	162.0
	27.0	0.3	2.5	20.0	5.0	5.0	290.0
	79.0	40.0	4.0	2.5	14.0	10.0	214.0
	0.5	20.0	82.0				
A-124	0.5	20.7	1.0	6.4	8.8	1145.0	1.5
	2.0	2.2	1.2	42.0	23.0	98.0	2.0
	26.0	44.0	0.3	0.5	171.0	48.0	245.0
	15.0	0.3	2.5	23.0	5.0	5.0	455.0
	80.0	48.0	4.0	2.5	19.0	10.0	381.0
	0.5	22.0	164.0				
A-125	0.5	23.0	0.9	7.1	5.8	732.0	1.3
	2.0	2.8	1.4	26.0	24.0	96.0	5.0
	22.0	42.0	0.7	0.5	132.0	31.0	171.0
	2.5	0.3	2.5	24.0	5.0	5.0	562.0
	83.0	52.0	13.0	2.5	16.0	10.0	491.0
	0.5	21.0	194.0				
A-126	0.5	21.0	0.9	7.1	5.5	1058.0	1.4
	2.1	2.7	1.4	27.0	17.0	104.0	2.0
	23.0	54.0	0.9	0.5	122.0	32.0	162.0
	22.0	0.3	2.5	25.0	5.0	5.0	539.0
	86.0	54.0	13.0	2.5	16.0	10.0	474.0
	0.5	24.0	197.0				
A-127	0.5	23.9	0.9	6.7	6.1	1198.0	1.5
	1.9	2.2	1.3	34.0	20.0	145.0	1.0
	25.0	44.0	0.7	0.5	116.0	44.0	175.0
	26.0	0.3	2.5	25.0	5.0	5.0	466.0
	80.0	48.0	10.0	2.5	17.0	10.0	380.0
	7.0	23.0	184.0				
A-128	0.5	22.7	0.7	6.2	7.3	1520.0	1.5
	1.4	1.5	1.5	33.0	21.0	119.0	0.5
	23.0	40.0	0.7	0.5	128.0	44.0	189.0
	7.0	0.3	2.5	23.0	5.0	5.0	434.0
	82.0	52.0	10.0	2.5	15.0	10.0	298.0
	0.5	25.0	150.0				
A-129	0.5	17.0	0.8	6.5	5.6	1564.0	1.6
	1.3	1.7	1.6	25.0	23.0	118.0	2.0
	25.0	42.0	0.9	0.5	131.0	55.0	158.0
	13.0	0.3	2.5	24.0	5.0	5.0	443.0
	83.0	48.0	8.0	2.5	15.0	10.0	274.0
	0.5	23.0	156.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-130	0.5	20.8	0.7	6.6	6.1	527.0	1.8
	1.7	1.6	1.6	37.0	18.0	75.0	1.0
	21.0	50.0	0.6	0.5	126.0	37.0	167.0
	19.0	0.3	2.5	23.0	5.0	5.0	331.0
	76.0	49.0	11.0	2.5	17.0	10.0	328.0
	0.5	23.0	140.0				
A-131	0.5	19.6	0.6	6.2	5.0	1708.0	1.6
	1.1	1.4	1.8	27.0	20.0	89.0	2.0
	21.0	40.0	0.6	0.5	139.0	42.0	138.0
	2.5	0.3	2.5	22.0	5.0	5.0	422.0
	85.0	43.0	10.0	2.5	13.0	10.0	238.0
	0.5	21.0	155.0				
A-132	0.5	13.4	0.3	5.0	3.4	1288.0	0.6
	0.4	0.6	1.5	18.0	16.0	87.0	3.0
	15.0	46.0	0.3	0.5	302.0	63.0	82.0
	5.0	0.3	2.5	16.0	5.0	5.0	288.0
	60.0	29.0	6.0	2.5	9.0	10.0	98.0
	0.5	15.0	98.0				
A-133	0.5	18.7	0.3	4.9	3.1	643.0	0.7
	0.5	0.8	1.5	14.0	15.0	73.0	0.5
	14.0	41.0	0.3	0.5	268.0	38.0	74.0
	10.0	0.3	2.5	16.0	5.0	5.0	275.0
	55.0	26.0	5.0	2.5	8.0	10.0	91.0
	0.5	14.0	69.0				
A-134	0.5	19.6	0.3	4.6	3.2	1210.0	0.6
	0.4	0.6	1.4	15.0	20.0	76.0	2.0
	17.0	44.0	0.6	0.5	202.0	46.0	72.0
	19.0	0.3	2.5	15.0	5.0	5.0	258.0
	65.0	27.0	5.0	2.5	8.0	10.0	104.0
	0.5	16.0	66.0				
A-135	0.5	29.7	0.4	5.3	6.1	1974.0	0.5
	0.3	0.6	1.6	26.0	29.0	86.0	2.0
	30.0	149.0	0.3	0.5	232.0	62.0	90.0
	16.0	0.3	2.5	17.0	5.0	5.0	337.0
	81.0	33.0	7.0	2.5	10.0	10.0	97.0
	0.5	18.0	102.0				
A-136	0.5	21.4	0.1	2.5	3.9	426.0	0.3
	10.0	0.2	0.9	20.0	17.0	41.0	2.0
	16.0	37.0	0.3	0.5	75.0	32.0	39.0
	2.5	0.3	2.5	1.0	5.0	5.0	110.0
	2.5	15.0	7.0	2.5	7.0	10.0	886.0
	0.5	14.0	37.0				
A-137	0.5	22.1	0.3	5.2	4.0	798.0	0.6
	2.2	0.7	1.5	20.0	14.0	62.0	0.5
	19.0	63.0	0.5	0.5	241.0	63.0	76.0
	12.0	0.3	2.5	16.0	5.0	5.0	283.0
	61.0	32.0	8.0	2.5	11.0	10.0	139.0
	0.5	20.0	99.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-138	0.5	24.1	0.4	5.8	5.9	1896.0	0.7
	2.9	0.6	1.8	35.0	33.0	80.0	0.5
	32.0	62.0	0.5	0.5	148.0	62.0	90.0
	18.0	0.3	2.5	16.0	5.0	5.0	352.0
	75.0	38.0	10.0	2.5	11.0	10.0	193.0
	0.5	19.0	94.0				
A-139	0.5	26.8	0.4	7.0	5.2	1528.0	0.8
	0.3	0.5	2.4	21.0	20.0	96.0	0.5
	22.0	60.0	0.3	0.5	170.0	75.0	100.0
	13.0	0.3	2.5	21.0	5.0	5.0	423.0
	86.0	40.0	10.0	2.5	13.0	10.0	118.0
	0.5	19.0	106.0				
A-140	0.5	29.0	0.4	7.0	4.9	2107.0	0.8
	0.3	0.6	2.3	20.0	23.0	102.0	1.0
	26.0	58.0	0.3	0.5	139.0	75.0	98.0
	2.5	0.3	2.5	21.0	5.0	5.0	434.0
	96.0	41.0	9.0	2.5	13.0	10.0	121.0
	0.5	21.0	111.0				
A-141	0.5	25.6	0.4	5.4	4.8	966.0	0.5
	1.7	0.6	1.6	24.0	19.0	71.0	2.0
	23.0	72.0	0.6	0.5	199.0	71.0	81.0
	12.0	0.3	2.5	19.0	5.0	5.0	286.0
	69.0	33.0	9.0	2.5	11.0	10.0	150.0
	0.5	18.0	105.0				
A-142	0.5	27.7	0.4	7.6	4.8	1243.0	0.7
	0.3	0.3	2.8	25.0	21.0	102.0	6.0
	22.0	55.0	0.3	0.5	116.0	81.0	105.0
	26.0	0.3	2.5	24.0	5.0	5.0	420.0
	81.0	40.0	10.0	2.5	14.0	10.0	111.0
	0.5	18.0	99.0				
A-143	0.5	29.0	0.4	5.1	5.8	804.0	0.4
	0.5	0.7	1.4	34.0	21.0	66.0	2.0
	25.0	78.0	0.3	0.5	236.0	73.0	86.0
	28.0	0.3	2.5	16.0	5.0	5.0	264.0
	65.0	31.0	7.0	2.5	11.0	10.0	102.0
	3.0	18.0	108.0				
A-144	0.5	21.2	0.3	6.1	3.9	677.0	0.9
	0.3	0.3	2.2	20.0	17.0	75.0	1.0
	16.0	48.0	0.3	0.5	192.0	95.0	86.0
	2.5	0.3	2.5	18.0	5.0	5.0	341.0
	63.0	31.0	9.0	2.5	11.0	10.0	58.0
	0.5	14.0	98.0				
A-145	0.5	22.5	0.4	6.8	4.1	1065.0	1.3
	0.3	0.4	2.4	21.0	19.0	85.0	0.5
	17.0	53.0	0.3	1.0	157.0	72.0	93.0
	12.0	0.3	2.5	20.0	5.0	5.0	407.0
	70.0	33.0	11.0	2.5	13.0	10.0	59.0
	0.5	14.0	109.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-146	0.5	30.1	0.4	6.9	4.9	2075.0	0.8
	0.3	0.5	2.3	23.0	26.0	90.0	1.0
	28.0	62.0	0.3	0.5	144.0	77.0	100.0
	29.0	0.3	2.5	20.0	5.0	5.0	427.0
	101.0	40.0	9.0	2.5	13.0	10.0	105.0
	2.0	20.0	107.0				
A-147	0.5	37.1	0.4	6.6	4.8	1574.0	0.8
	0.3	0.6	2.2	20.0	25.0	87.0	1.0
	25.0	55.0	0.3	0.5	135.0	69.0	103.0
	9.0	0.3	2.5	20.0	5.0	5.0	379.0
	87.0	37.0	9.0	2.5	12.0	10.0	114.0
	0.5	19.0	109.0				
A-148	0.5	23.4	0.4	6.6	4.5	1547.0	0.7
	0.3	0.6	2.2	19.0	19.0	86.0	1.0
	24.0	54.0	0.3	0.5	167.0	73.0	97.0
	23.0	0.3	2.5	19.0	5.0	5.0	379.0
	88.0	38.0	8.0	2.5	12.0	10.0	110.0
	0.5	19.0	106.0				
A-149	0.5	33.3	0.4	6.2	4.6	1609.0	0.9
	0.3	0.6	2.3	21.0	20.0	92.0	0.5
	24.0	57.0	0.3	0.5	129.0	70.0	101.0
	10.0	0.3	2.5	21.0	5.0	5.0	396.0
	89.0	37.0	12.0	2.5	12.0	10.0	114.0
	0.5	18.0	118.0				
A-150	0.5	30.5	0.4	6.7	4.7	1534.0	0.8
	0.3	0.6	2.2	20.0	24.0	92.0	6.0
	24.0	76.0	0.3	0.5	139.0	68.0	100.0
	12.0	0.3	2.5	20.0	5.0	5.0	372.0
	90.0	37.0	8.0	2.5	12.0	10.0	111.0
	0.5	19.0	96.0				
A-151	0.5	30.8	0.8	6.0	6.1	813.0	1.0
	0.9	1.5	1.2	35.0	19.0	123.0	0.5
	22.0	33.0	0.3	0.5	127.0	49.0	169.0
	27.0	0.3	2.5	19.0	5.0	5.0	322.0
	66.0	35.0	9.0	2.5	14.0	10.0	246.0
	0.5	18.0	158.0				
A-152	0.5	28.2	0.8	5.9	7.6	1840.0	1.1
	0.9	1.4	1.3	36.0	22.0	132.0	0.5
	26.0	40.0	0.8	1.0	115.0	43.0	198.0
	19.0	0.3	2.5	18.0	5.0	5.0	418.0
	85.0	43.0	10.0	2.5	15.0	10.0	243.0
	0.5	21.0	170.0				
A-153	0.5	36.1	0.9	5.7	10.0	1007.0	1.0
	0.9	1.4	0.9	42.0	27.0	115.0	0.5
	28.0	30.0	0.6	0.5	99.0	53.0	287.0
	16.0	0.3	2.5	17.0	5.0	5.0	311.0
	69.0	37.0	10.0	2.5	15.0	10.0	257.0
	3.0	18.0	174.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-154	0.5	25.2	0.3	5.3	3.1	365.0	0.7
	0.6	0.8	1.5	18.0	17.0	67.0	0.5
	13.0	44.0	0.3	0.5	201.0	42.0	80.0
	2.5	0.3	2.5	15.0	5.0	5.0	238.0
	51.0	26.0	6.0	2.5	9.0	10.0	108.0
	0.5	16.0	99.0				
A-155	0.5	24.1	0.3	5.5	3.2	395.0	0.7
	0.6	0.9	1.6	17.0	19.0	62.0	0.5
	14.0	45.0	0.3	0.5	194.0	43.0	81.0
	2.5	0.3	2.5	15.0	5.0	5.0	249.0
	54.0	27.0	6.0	2.5	9.0	10.0	109.0
	0.5	16.0	102.0				
A-156	0.5	31.4	0.3	5.7	3.3	416.0	0.8
	0.7	0.8	1.7	18.0	16.0	66.0	0.5
	15.0	47.0	0.3	0.5	177.0	44.0	85.0
	23.0	0.3	2.5	16.0	5.0	5.0	255.0
	56.0	29.0	7.0	2.5	10.0	10.0	112.0
	0.5	17.0	106.0				
A-157	0.5	27.3	0.3	5.6	3.3	421.0	0.8
	0.7	0.8	1.6	18.0	17.0	63.0	0.5
	14.0	48.0	0.6	0.5	166.0	43.0	83.0
	2.5	0.3	2.5	17.0	5.0	5.0	249.0
	55.0	28.0	7.0	2.5	10.0	10.0	109.0
	0.5	17.0	104.0				
A-158	0.5	27.3	0.3	5.7	3.3	433.0	0.8
	0.7	0.8	1.6	18.0	15.0	64.0	0.5
	15.0	47.0	0.6	0.5	172.0	43.0	84.0
	12.0	0.3	2.5	18.0	5.0	5.0	255.0
	58.0	28.0	7.0	2.5	10.0	10.0	110.0
	0.5	17.0	105.0				
A-159	0.5	22.1	0.3	5.4	3.2	391.0	0.7
	0.6	0.8	1.5	16.0	16.0	60.0	0.5
	14.0	46.0	0.5	0.5	198.0	41.0	80.0
	2.5	0.3	2.5	16.0	5.0	5.0	238.0
	54.0	27.0	7.0	2.5	9.0	10.0	104.0
	0.5	16.0	101.0				
A-160	0.5	28.1	0.3	5.3	3.0	350.0	0.7
	0.6	0.8	1.5	15.0	14.0	56.0	0.5
	13.0	43.0	0.3	0.5	169.0	41.0	77.0
	14.0	0.3	2.5	14.0	5.0	5.0	235.0
	51.0	26.0	6.0	2.5	9.0	10.0	103.0
	0.5	16.0	96.0				
A-161	0.5	33.1	0.4	6.0	3.5	472.0	0.8
	0.7	0.8	1.8	19.0	17.0	65.0	5.0
	15.0	50.0	0.6	1.0	144.0	46.0	89.0
	2.5	0.3	2.5	17.0	5.0	5.0	268.0
	60.0	30.0	7.0	2.5	11.0	10.0	115.0
	0.5	18.0	111.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-162	0.5	28.9	0.3	5.7	3.3	439.0	0.8
	0.7	0.8	1.7	18.0	17.0	62.0	0.5
	14.0	47.0	0.6	0.5	156.0	44.0	85.0
	2.5	0.3	2.5	15.0	5.0	5.0	255.0
	56.0	29.0	7.0	2.5	10.0	10.0	111.0
	0.5	17.0	106.0				
A-163	0.5	25.4	0.4	5.4	3.7	387.0	0.7
	0.7	0.9	1.6	18.0	17.0	59.0	0.5
	15.0	48.0	0.3	0.5	206.0	43.0	85.0
	12.0	0.3	2.5	15.0	5.0	5.0	251.0
	56.0	29.0	6.0	2.5	10.0	10.0	113.0
	0.5	16.0	105.0				
A-164	0.5	14.5	0.3	4.6	2.9	1139.0	0.6
	0.3	0.6	1.3	14.0	18.0	66.0	0.5
	15.0	43.0	0.3	0.5	218.0	46.0	70.0
	21.0	0.3	2.5	12.0	5.0	5.0	252.0
	56.0	25.0	5.0	2.5	7.0	10.0	101.0
	2.0	15.0	89.0				
A-165	0.5	15.0	0.3	5.0	3.7	455.0	0.6
	0.5	0.6	1.4	18.0	27.0	62.0	0.5
	15.0	47.0	0.3	1.0	216.0	48.0	82.0
	6.0	0.3	2.5	15.0	5.0	5.0	215.0
	55.0	26.0	6.0	2.5	9.0	10.0	104.0
	0.5	15.0	99.0				
A-166	0.5	24.8	0.8	6.6	4.8	595.0	1.6
	3.0	2.1	1.2	25.0	20.0	61.0	0.5
	19.0	38.0	1.0	0.5	127.0	25.0	147.0
	2.5	0.3	2.5	18.0	5.0	5.0	355.0
	74.0	47.0	13.0	2.5	15.0	10.0	499.0
	2.0	23.0	174.0				
A-167	0.5	32.0	0.8	6.6	7.2	777.0	1.5
	2.9	2.0	0.9	31.0	27.0	62.0	0.5
	23.0	42.0	0.9	0.5	109.0	26.0	205.0
	2.5	0.3	2.5	18.0	5.0	5.0	311.0
	77.0	50.0	10.0	2.5	17.0	10.0	570.0
	0.5	22.0	163.0				
A-168	0.5	21.9	0.6	6.6	5.7	799.0	1.5
	1.7	1.8	1.5	22.0	28.0	71.0	0.5
	22.0	41.0	0.9	0.5	119.0	38.0	148.0
	2.5	0.3	2.5	19.0	5.0	5.0	361.0
	77.0	45.0	9.0	2.5	14.0	10.0	344.0
	1.0	21.0	153.0				
A-169	0.5	28.9	0.6	6.6	4.5	1210.0	1.6
	1.4	1.7	1.6	20.0	22.0	86.0	0.5
	22.0	41.0	0.8	0.5	110.0	44.0	116.0
	2.5	0.3	2.5	18.0	5.0	5.0	394.0
	79.0	40.0	7.0	2.5	13.0	10.0	282.0
	4.0	20.0	147.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-170	0.5	29.4	0.6	6.9	4.9	1196.0	1.6
	1.4	1.8	1.7	25.0	22.0	76.0	3.0
	21.0	43.0	0.3	0.5	98.0	38.0	132.0
	2.5	0.3	2.5	20.0	5.0	5.0	418.0
	78.0	44.0	11.0	2.5	14.0	10.0	291.0
	0.5	22.0	167.0				
A-171	0.5	24.5	0.7	6.3	5.0	849.0	1.3
	1.3	1.6	1.5	20.0	22.0	64.0	1.0
	18.0	31.0	0.3	2.0	102.0	28.0	145.0
	2.5	0.3	2.5	21.0	5.0	5.0	364.0
	74.0	39.0	10.0	2.5	13.0	10.0	262.0
	5.0	18.0	167.0				
A-172	0.5	24.9	0.7	6.4	5.3	976.0	1.4
	1.6	1.6	1.4	22.0	24.0	67.0	0.5
	19.0	37.0	1.0	0.5	116.0	30.0	152.0
	2.5	0.3	2.5	21.0	5.0	5.0	368.0
	74.0	41.0	11.0	2.5	14.0	10.0	314.0
	0.5	19.0	167.0				
A-173	0.5	28.6	0.6	6.7	4.6	901.0	1.6
	1.5	1.8	1.6	20.0	24.0	83.0	0.5
	20.0	42.0	0.7	0.5	111.0	45.0	130.0
	2.5	0.3	2.5	19.0	5.0	5.0	361.0
	73.0	40.0	10.0	2.5	14.0	10.0	295.0
	2.0	20.0	159.0				
A-174	0.5	22.1	0.4	6.2	3.5	1334.0	1.3
	0.7	1.3	1.9	17.0	27.0	78.0	0.5
	18.0	39.0	0.3	0.5	126.0	41.0	91.0
	2.5	0.3	2.5	18.0	5.0	5.0	421.0
	78.0	37.0	10.0	2.5	10.0	10.0	163.0
	0.5	21.0	157.0				
A-175	0.5	36.2	0.8	6.0	6.8	467.0	0.9
	0.5	1.3	1.2	45.0	20.0	65.0	0.5
	22.0	32.0	0.3	0.5	92.0	44.0	173.0
	16.0	0.3	2.5	19.0	5.0	5.0	271.0
	72.0	36.0	8.0	2.5	13.0	10.0	197.0
	0.5	17.0	169.0				
A-176	0.5	29.9	0.6	4.1	6.5	266.0	0.6
	0.2	0.8	0.9	28.0	19.0	55.0	0.5
	16.0	34.0	0.3	0.5	337.0	37.0	156.0
	16.0	0.3	2.5	11.0	5.0	5.0	192.0
	55.0	29.0	6.0	2.5	9.0	10.0	109.0
	0.5	14.0	230.0				
A-177	0.5	29.5	0.5	4.9	3.9	370.0	0.7
	0.4	1.1	1.2	22.0	14.0	49.0	0.5
	16.0	35.0	0.3	0.5	211.0	49.0	100.0
	2.5	0.3	2.5	14.0	5.0	5.0	237.0
	53.0	27.0	5.0	2.5	9.0	10.0	145.0
	7.0	14.0	152.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-178	0.5	5.5	0.2	6.7	4.3	1754.0	0.7
	1.5	0.3	1.6	24.0	20.0	92.0	0.5
	19.0	53.0	0.8	0.5	138.0	77.0	104.0
	16.0	0.3	2.5	17.0	5.0	5.0	432.0
	57.0	34.0	6.0	2.5	25.0	10.0	165.0
	0.5	36.0	79.0				
A-179	0.5	30.1	0.7	6.4	4.8	538.0	0.8
	0.4	1.1	1.2	39.0	19.0	63.0	0.5
	19.0	32.0	0.3	1.0	85.0	48.0	129.0
	2.5	0.3	2.5	19.0	5.0	5.0	271.0
	71.0	32.0	6.0	2.5	12.0	10.0	158.0
	0.5	17.0	156.0				
A-180	0.5	39.1	0.7	6.4	5.2	555.0	0.9
	0.5	1.2	1.3	42.0	17.0	64.0	2.0
	20.0	33.0	0.3	0.5	71.0	47.0	139.0
	22.0	0.3	2.5	19.0	5.0	5.0	280.0
	72.0	34.0	6.0	2.5	13.0	10.0	184.0
	0.5	17.0	171.0				
A-181	0.5	29.3	0.7	6.3	5.3	556.0	0.9
	0.5	1.2	1.3	41.0	18.0	67.0	0.5
	21.0	33.0	0.3	0.5	89.0	46.0	133.0
	2.5	0.3	2.5	18.0	5.0	5.0	275.0
	73.0	33.0	4.0	2.5	13.0	10.0	181.0
	0.5	17.0	156.0				
A-182	0.5	25.2	0.9	6.6	5.6	781.0	1.5
	2.0	2.3	1.1	29.0	21.0	76.0	0.5
	23.0	26.0	1.1	0.5	98.0	24.0	169.0
	12.0	0.3	2.5	21.0	5.0	5.0	359.0
	77.0	43.0	11.0	2.5	16.0	10.0	399.0
	0.5	23.0	184.0				
A-183	0.5	21.3	0.9	6.3	5.6	727.0	1.4
	2.0	2.2	1.1	28.0	19.0	71.0	0.5
	22.0	26.0	0.9	0.5	90.0	22.0	171.0
	2.5	0.3	2.5	20.0	5.0	5.0	342.0
	72.0	41.0	10.0	2.5	15.0	10.0	387.0
	0.5	22.0	177.0				
A-184	0.5	26.1	0.9	6.6	5.7	739.0	1.5
	2.0	2.3	1.2	30.0	19.0	72.0	0.5
	23.0	25.0	0.8	0.5	93.0	24.0	173.0
	2.5	0.3	2.5	20.0	5.0	5.0	357.0
	76.0	44.0	10.0	2.5	16.0	10.0	398.0
	0.5	23.0	186.0				
A-185	0.5	21.9	0.8	5.8	6.2	451.0	1.0
	0.7	1.4	1.1	38.0	79.0	73.0	0.5
	22.0	31.0	0.3	0.5	122.0	44.0	155.0
	2.5	0.3	2.5	17.0	5.0	5.0	288.0
	60.0	34.0	6.0	2.5	13.0	10.0	211.0
	2.0	17.0	162.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-186	0.5	22.0	0.8	6.1	7.5	1672.0	1.2
	1.2	1.9	1.2	31.0	30.0	104.0	0.5
	27.0	35.0	0.7	0.5	126.0	42.0	197.0
	17.0	0.3	2.5	19.0	5.0	5.0	476.0
	99.0	41.0	10.0	2.5	15.0	10.0	317.0
	0.5	18.0	184.0				
A-187	0.5	19.3	0.8	6.0	4.1	307.0	1.0
	1.5	2.2	0.9	25.0	15.0	61.0	0.5
	17.0	23.0	1.0	0.5	154.0	30.0	128.0
	2.5	0.3	2.5	19.0	5.0	5.0	314.0
	66.0	35.0	7.0	2.5	13.0	10.0	383.0
	0.5	20.0	168.0				
A-188	0.5	28.4	0.8	6.3	4.0	293.0	1.0
	1.6	2.3	0.9	21.0	12.0	61.0	0.5
	17.0	22.0	0.8	0.5	121.0	31.0	127.0
	2.5	0.3	2.5	19.0	5.0	5.0	332.0
	65.0	36.0	9.0	2.5	12.0	10.0	418.0
	0.5	19.0	163.0				
A-189	0.5	24.6	0.8	6.6	4.1	317.0	1.1
	1.6	2.4	0.9	24.0	12.0	63.0	0.5
	19.0	23.0	1.0	0.5	112.0	32.0	126.0
	2.5	0.3	2.5	20.0	5.0	5.0	335.0
	68.0	37.0	8.0	2.5	13.0	10.0	421.0
	2.0	21.0	164.0				
A-190	0.5	32.6	0.5	3.9	3.8	272.0	0.6
	0.2	0.8	0.9	22.0	15.0	48.0	0.5
	14.0	33.0	0.3	0.5	389.0	32.0	101.0
	2.5	0.3	2.5	12.0	5.0	5.0	190.0
	46.0	21.0	5.0	2.5	8.0	10.0	93.0
	0.5	12.0	181.0				
A-191	0.5	26.1	0.8	5.9	5.8	631.0	1.0
	0.8	1.4	1.3	38.0	20.0	74.0	0.5
	22.0	35.0	0.8	0.5	164.0	44.0	156.0
	9.0	0.3	2.5	20.0	5.0	5.0	303.0
	77.0	37.0	9.0	2.5	14.0	10.0	218.0
	0.5	20.0	180.0				
A-192	0.5	19.7	0.9	5.7	7.0	588.0	1.0
	0.8	1.3	1.3	40.0	26.0	72.0	0.5
	24.0	37.0	0.6	0.5	197.0	42.0	179.0
	2.5	0.3	2.5	19.0	5.0	5.0	291.0
	76.0	39.0	9.0	2.5	14.0	10.0	211.0
	0.5	20.0	182.0				
A-193	0.5	12.8	0.3	5.5	3.1	211.0	0.8
	0.4	0.9	1.5	14.0	16.0	86.0	0.5
	12.0	51.0	0.3	0.5	315.0	38.0	84.0
	12.0	0.3	2.5	15.0	5.0	5.0	213.0
	50.0	24.0	6.0	2.5	8.0	10.0	73.0
	0.5	13.0	103.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
A-194	0.5	15.6	0.3	5.2	3.1	916.0	0.6
	1.8	0.4	1.6	19.0	22.0	67.0	0.5
	13.0	47.0	0.8	0.5	234.0	58.0	81.0
	2.5	0.3	2.5	17.0	5.0	5.0	255.0
	51.0	27.0	8.0	2.5	9.0	10.0	153.0
	0.5	16.0	97.0				
A-195	0.5	17.6	0.3	4.3	2.8	521.0	0.5
	1.5	0.4	1.3	15.0	17.0	55.0	0.5
	11.0	40.0	1.1	0.5	267.0	41.0	66.0
	14.0	0.3	2.5	14.0	5.0	5.0	192.0
	45.0	22.0	7.0	2.5	7.0	10.0	143.0
	0.5	13.0	78.0				
A-196	0.5	18.6	0.3	4.7	4.7	541.0	0.6
	0.3	0.6	1.3	20.0	20.0	61.0	0.5
	15.0	54.0	0.3	0.5	326.0	50.0	76.0
	6.0	0.3	2.5	14.0	5.0	5.0	241.0
	55.0	25.0	6.0	2.5	9.0	10.0	68.0
	0.5	18.0	95.0				
A-197	0.5	19.8	0.3	4.6	3.6	732.0	0.6
	0.3	0.5	1.3	17.0	16.0	63.0	4.0
	14.0	51.0	0.3	1.0	283.0	53.0	74.0
	5.0	0.3	2.5	12.0	5.0	5.0	220.0
	53.0	24.0	5.0	2.5	8.0	10.0	77.0
	0.5	16.0	89.0				
A-198	0.5	19.7	1.1	6.4	8.8	2604.0	0.9
	0.5	0.4	2.1	35.0	35.0	123.0	0.5
	27.0	67.0	0.3	0.5	156.0	52.0	246.0
	26.0	0.3	2.5	21.0	5.0	5.0	374.0
	69.0	33.0	8.0	2.5	14.0	10.0	126.0
	0.5	15.0	115.0				
A-199	0.5	17.4	0.3	5.0	3.7	424.0	0.6
	0.2	0.8	1.3	16.0	16.0	57.0	0.5
	14.0	54.0	0.3	0.5	404.0	42.0	78.0
	12.0	0.3	2.5	14.0	5.0	5.0	213.0
	55.0	26.0	6.0	2.5	9.0	10.0	81.0
	0.5	17.0	124.0				
A-200	0.5	17.2	0.3	5.2	3.4	1419.0	0.6
	0.3	0.5	1.6	15.0	19.0	84.0	0.5
	16.0	49.0	0.3	0.5	278.0	52.0	81.0
	17.0	0.3	2.5	15.0	5.0	5.0	255.0
	57.0	26.0	7.0	2.5	9.0	10.0	99.0
	0.5	15.0	88.0				
A-201	0.5	20.9	1.2	6.6	8.1	2609.0	0.9
	0.8	0.9	1.9	38.0	34.0	123.0	0.5
	30.0	67.0	0.9	0.5	182.0	49.0	184.0
	25.0	0.3	2.5	22.0	5.0	5.0	369.0
	80.0	35.0	5.0	2.5	15.0	10.0	210.0
	0.5	17.0	127.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
A-202	0.5	16.7	0.6	5.8	4.5	1018.0	0.6
	0.3	0.6	1.7	20.0	20.0	96.0	0.5
	17.0	56.0	0.3	0.5	318.0	54.0	125.0
	2.5	0.3	2.5	18.0	5.0	5.0	248.0
	60.0	28.0	7.0	2.5	11.0	10.0	116.0
	0.5	17.0	110.0				
A-203	0.5	15.7	0.3	4.6	3.3	713.0	0.5
	0.3	0.7	1.1	13.0	11.0	75.0	0.5
	13.0	50.0	0.3	0.5	406.0	55.0	70.0
	2.5	0.3	2.5	11.0	5.0	5.0	234.0
	50.0	23.0	5.0	2.5	8.0	22.0	100.0
	0.5	16.0	95.0				
A-204	0.5	17.8	0.3	5.7	3.2	190.0	0.8
	0.4	0.9	1.5	13.0	19.0	83.0	0.5
	12.0	51.0	0.3	1.0	285.0	39.0	85.0
	2.5	0.3	2.5	16.0	5.0	5.0	209.0
	51.0	25.0	7.0	2.5	8.0	10.0	71.0
	0.5	13.0	103.0				
A-205	0.5	20.0	0.3	5.7	3.2	205.0	0.9
	0.4	0.9	1.6	14.0	18.0	96.0	0.5
	12.0	52.0	0.3	0.5	233.0	38.0	85.0
	2.5	0.3	2.5	16.0	5.0	5.0	209.0
	49.0	25.0	6.0	2.5	8.0	10.0	72.0
	0.5	13.0	103.0				
C-001	0.5	28.2	0.3	3.8	2.2	201.0	0.5
	0.3	0.7	1.2	9.0	9.0	60.0	0.5
	9.0	29.0	0.3	0.5	272.0	33.0	48.0
	2.5	0.3	2.5	12.0	5.0	5.0	308.0
	37.0	18.0	6.0	2.5	6.0	10.0	69.0
	2.0	10.0	92.0				
C-002	0.5	23.6	0.5	4.9	4.5	628.0	0.7
	0.3	0.7	1.4	14.0	17.0	89.0	1.0
	15.0	34.0	0.3	0.5	289.0	38.0	54.0
	2.5	0.3	2.5	16.0	5.0	5.0	334.0
	52.0	26.0	2.0	2.5	9.0	10.0	82.0
	0.5	13.0	94.0				
C-003	0.5	28.9	0.6	3.8	4.4	536.0	0.6
	0.3	0.7	1.0	11.0	13.0	58.0	0.5
	12.0	26.0	0.3	0.5	342.0	27.0	72.0
	2.5	0.3	2.5	15.0	5.0	5.0	298.0
	41.0	21.0	3.0	2.5	8.0	10.0	79.0
	0.5	13.0	117.0				
C-004	0.5	33.2	0.6	2.6	7.2	1195.0	0.5
	0.5	0.5	0.7	4.0	11.0	66.0	1.0
	15.0	18.0	0.3	0.5	443.0	19.0	31.0
	2.5	0.3	2.5	10.0	5.0	5.0	183.0
	44.0	22.0	5.0	2.5	12.0	10.0	59.0
	0.5	26.0	121.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
C-005	0.5	37.7	0.6	4.7	4.0	519.0	0.8
	0.3	0.8	1.3	14.0	11.0	70.0	0.5
	14.0	35.0	0.3	0.5	167.0	37.0	82.0
	7.0	0.3	2.5	17.0	5.0	5.0	313.0
	53.0	26.0	7.0	2.5	9.0	10.0	81.0
	0.5	16.0	107.0				
C-006	9.0	32.3	0.4	6.1	4.0	853.0	1.1
	0.6	0.8	1.8	21.0	19.0	71.0	0.5
	19.0	52.0	0.3	0.5	157.0	52.0	97.0
	28.0	0.3	2.5	20.0	5.0	5.0	346.0
	66.0	32.0	9.0	2.5	13.0	10.0	87.0
	0.5	18.0	124.0				
C-007	0.5	26.4	0.9	4.0	4.0	552.0	0.7
	0.4	0.8	1.2	9.0	16.0	73.0	0.5
	13.0	36.0	0.7	0.5	457.0	33.0	81.0
	2.5	0.3	2.5	16.0	5.0	5.0	262.0
	49.0	24.0	10.0	2.5	9.0	10.0	62.0
	0.5	18.0	167.0				
C-008	0.5	41.9	1.1	3.2	5.0	811.0	0.6
	0.4	0.6	1.0	5.0	8.0	71.0	0.5
	13.0	28.0	0.9	0.5	543.0	27.0	65.0
	2.5	0.3	2.5	14.0	5.0	5.0	236.0
	50.0	25.0	7.0	2.5	9.0	10.0	61.0
	0.5	20.0	115.0				
C-009	0.5	38.6	1.4	3.9	10.0	1659.0	0.8
	0.5	0.6	1.0	16.0	24.0	150.0	0.5
	25.0	49.0	1.0	0.5	447.0	31.0	96.0
	2.5	0.3	2.5	18.0	5.0	5.0	218.0
	64.0	34.0	1.0	2.5	17.0	10.0	52.0
	0.5	32.0	96.0				
C-010	0.5	33.0	0.9	2.9	10.0	1646.0	0.7
	0.4	0.5	0.8	14.0	23.0	103.0	0.5
	31.0	48.0	0.3	1.0	515.0	22.0	84.0
	13.0	0.3	2.5	14.0	5.0	5.0	162.0
	57.0	29.0	3.0	2.5	17.0	10.0	47.0
	0.5	32.0	79.0				
C-011	0.5	27.9	0.9	2.0	10.0	2525.0	0.4
	0.4	0.3	0.5	4.0	15.0	90.0	7.0
	26.0	20.0	0.3	0.5	797.0	17.0	43.0
	2.5	0.3	11.0	6.0	5.0	5.0	140.0
	95.0	46.0	3.0	2.5	20.0	10.0	35.0
	1.0	33.0	92.0				
C-012	0.5	16.4	0.5	3.0	5.9	952.0	0.6
	0.5	0.6	0.9	6.0	7.0	78.0	2.0
	14.0	26.0	0.3	0.5	512.0	31.0	30.0
	2.5	0.3	2.5	10.0	5.0	5.0	262.0
	46.0	23.0	2.0	2.5	10.0	10.0	69.0
	0.5	23.0	103.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C-013	0.5	20.4	0.4	2.8	1.9	185.0	0.3
	0.3	0.6	0.9	6.0	9.0	43.0	2.0
	6.0	21.0	0.3	0.5	426.0	29.0	38.0
	2.5	0.3	2.5	10.0	5.0	5.0	236.0
	32.0	16.0	5.0	2.5	4.0	10.0	59.0
	0.5	9.0	109.0				
C-014	0.5	21.6	0.7	3.1	3.4	563.0	0.5
	0.5	0.7	1.0	6.0	9.0	43.0	0.5
	10.0	21.0	0.3	0.5	471.0	19.0	42.0
	2.5	0.3	2.5	12.0	5.0	5.0	260.0
	45.0	22.0	5.0	2.5	8.0	10.0	78.0
	4.0	19.0	125.0				
C-015	0.5	18.0	1.2	7.1	6.3	1520.0	1.4
	0.8	1.1	1.2	34.0	16.0	147.0	1.0
	22.0	39.0	1.5	0.5	172.0	57.0	188.0
	23.0	0.3	2.5	26.0	5.0	5.0	412.0
	64.0	35.0	7.0	2.5	20.0	10.0	151.0
	0.5	23.0	187.0				
C-016	0.5	21.1	0.4	5.0	4.3	364.0	0.8
	0.2	0.7	1.4	23.0	21.0	83.0	2.0
	16.0	44.0	0.3	0.5	196.0	38.0	66.0
	15.0	0.3	2.5	18.0	5.0	5.0	301.0
	61.0	29.0	9.0	2.5	10.0	10.0	48.0
	0.5	19.0	163.0				
C-017	0.5	23.8	0.4	5.5	3.4	431.0	1.0
	0.2	0.8	1.6	14.0	10.0	100.0	0.5
	14.0	41.0	0.3	0.5	162.0	48.0	78.0
	7.0	0.3	2.5	17.0	5.0	5.0	334.0
	61.0	30.0	8.0	2.5	10.0	10.0	68.0
	1.0	16.0	132.0				
C-018	0.5	19.6	0.5	3.3	2.4	405.0	0.4
	0.3	0.9	1.1	5.0	8.0	50.0	0.5
	10.0	29.0	0.3	0.5	489.0	29.0	45.0
	2.5	0.3	2.5	12.0	5.0	5.0	252.0
	40.0	19.0	5.0	2.5	5.0	23.0	61.0
	0.5	12.0	133.0				
C-019	0.5	19.3	0.8	4.8	4.5	612.0	0.9
	0.5	0.9	1.4	12.0	13.0	80.0	2.0
	15.0	44.0	0.3	0.5	345.0	42.0	92.0
	2.5	0.3	2.5	17.0	5.0	5.0	300.0
	49.0	25.0	9.0	2.5	11.0	10.0	74.0
	0.5	20.0	158.0				
C-020	0.5	23.6	0.4	2.7	6.0	1103.0	0.6
	0.4	0.6	0.9	5.0	10.0	92.0	4.0
	16.0	29.0	0.3	0.5	822.0	24.0	27.0
	2.5	0.3	2.5	10.0	5.0	5.0	218.0
	61.0	28.0	3.0	2.5	10.0	10.0	59.0
	0.5	24.0	79.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
C-021	0.5	13.1	0.4	5.5	3.6	530.0	0.9
	0.2	0.9	1.6	13.0	14.0	72.0	3.0
	14.0	56.0	0.3	0.5	281.0	46.0	88.0
	2.5	0.3	2.5	16.0	5.0	5.0	312.0
	58.0	30.0	6.0	2.5	10.0	10.0	53.0
	0.5	14.0	114.0				
C-022	0.5	29.2	0.7	5.0	8.3	1790.0	0.8
	0.5	0.9	1.3	12.0	16.0	94.0	2.0
	18.0	34.0	1.0	0.5	307.0	31.0	79.0
	2.5	0.3	2.5	24.0	5.0	5.0	349.0
	213.0	97.0	8.0	2.5	18.0	10.0	111.0
	0.5	60.0	165.0				
C-023	0.5	24.0	0.6	2.9	4.8	761.0	0.5
	0.5	0.6	0.8	5.0	9.0	94.0	0.5
	13.0	28.0	0.3	0.5	479.0	45.0	40.0
	2.5	0.3	2.5	11.0	5.0	5.0	223.0
	36.0	17.0	6.0	2.5	9.0	10.0	65.0
	3.0	19.0	97.0				
C-024	0.5	31.6	0.4	3.7	2.0	221.0	0.5
	0.2	0.8	1.3	5.0	9.0	49.0	0.5
	8.0	29.0	0.3	0.5	305.0	40.0	43.0
	2.5	0.3	2.5	12.0	5.0	5.0	272.0
	48.0	23.0	5.0	2.5	5.0	10.0	60.0
	0.5	13.0	146.0				
C-025	0.5	25.0	0.9	2.8	3.9	645.0	0.5
	0.4	0.5	0.8	4.0	8.0	82.0	1.0
	11.0	24.0	0.3	0.5	405.0	44.0	56.0
	2.5	0.3	2.5	11.0	5.0	5.0	224.0
	31.0	16.0	7.0	2.5	7.0	10.0	66.0
	1.0	15.0	102.0				
C-026	0.5	17.8	0.5	4.7	4.2	1039.0	0.7
	0.3	0.6	1.4	16.0	36.0	92.0	2.0
	16.0	39.0	0.3	0.5	233.0	48.0	80.0
	2.5	0.3	2.5	16.0	5.0	5.0	360.0
	57.0	23.0	7.0	2.5	9.0	10.0	88.0
	0.5	14.0	114.0				
C-027	0.5	34.4	0.8	3.0	3.5	547.0	0.5
	0.4	0.6	0.8	4.0	9.0	85.0	1.0
	10.0	26.0	0.3	0.5	324.0	48.0	58.0
	2.5	0.3	2.5	12.0	5.0	5.0	236.0
	29.0	14.0	6.0	2.5	7.0	10.0	66.0
	0.5	14.0	83.0				
C-028	0.5	26.9	0.7	4.0	4.2	910.0	0.5
	0.3	0.7	1.2	10.0	14.0	142.0	0.5
	17.0	47.0	0.3	0.5	426.0	35.0	75.0
	2.5	0.3	2.5	14.0	5.0	5.0	269.0
	51.0	22.0	6.0	2.5	8.0	10.0	66.0
	3.0	16.0	101.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C-029	0.5	14.9	0.5	4.7	5.1	519.0	0.3
	0.1	0.7	1.7	25.0	18.0	100.0	2.0
	21.0	65.0	0.3	0.5	564.0	33.0	83.0
	8.0	0.3	2.5	16.0	5.0	5.0	297.0
	56.0	27.0	8.0	2.5	11.0	10.0	96.0
	0.5	17.0	153.0				
C-030	0.5	29.3	0.4	3.4	1.6	209.0	0.2
	0.1	0.9	1.2	6.0	6.0	39.0	9.0
	8.0	31.0	0.3	0.5	880.0	25.0	49.0
	2.5	0.3	2.5	12.0	5.0	5.0	242.0
	47.0	23.0	5.0	2.5	5.0	10.0	65.0
	1.0	15.0	185.0				
C-031	0.5	24.1	0.5	3.3	5.9	908.0	0.6
	0.5	0.6	0.9	7.0	10.0	72.0	3.0
	14.0	34.0	0.3	0.5	421.0	40.0	34.0
	2.5	0.3	2.5	12.0	5.0	5.0	235.0
	40.0	19.0	2.0	2.5	11.0	10.0	68.0
	0.5	22.0	91.0				
C-032	0.5	19.0	0.6	3.6	3.7	664.0	0.3
	0.2	0.9	1.0	6.0	6.0	67.0	3.0
	13.0	36.0	0.6	0.5	738.0	37.0	51.0
	2.5	0.3	2.5	14.0	5.0	5.0	247.0
	50.0	22.0	2.0	2.5	7.0	10.0	72.0
	0.5	16.0	97.0				
C-033	0.5	17.8	0.6	4.2	4.6	555.0	0.6
	0.3	0.8	1.2	11.0	12.0	71.0	0.5
	15.0	42.0	0.5	0.5	420.0	45.0	63.0
	7.0	0.3	2.5	15.0	5.0	5.0	269.0
	49.0	23.0	5.0	2.5	9.0	10.0	86.0
	3.0	18.0	102.0				
C-034	0.5	22.6	0.6	3.9	4.8	620.0	0.6
	0.3	0.7	1.1	14.0	13.0	64.0	0.5
	14.0	41.0	0.3	0.5	420.0	38.0	77.0
	2.5	0.3	2.5	15.0	5.0	5.0	251.0
	45.0	22.0	6.0	2.5	9.0	10.0	68.0
	0.5	19.0	119.0				
C-035	0.5	17.0	0.5	5.1	4.0	766.0	0.7
	0.2	0.6	1.5	15.0	14.0	76.0	0.5
	16.0	59.0	0.3	0.5	356.0	54.0	82.0
	2.5	0.3	2.5	16.0	5.0	5.0	298.0
	55.0	27.0	8.0	2.5	10.0	10.0	53.0
	0.5	17.0	115.0				
C-036	0.5	17.2	0.4	3.5	2.9	417.0	0.4
	0.3	0.8	1.0	8.0	8.0	58.0	1.0
	11.0	33.0	0.3	0.5	445.0	39.0	52.0
	2.5	0.3	2.5	12.0	5.0	5.0	247.0
	39.0	19.0	5.0	2.5	6.0	26.0	75.0
	0.5	23.0	95.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C-037	0.5	19.3	0.5	4.9	3.9	726.0	0.9
	0.3	0.8	1.9	17.0	20.0	126.0	6.0
	16.0	53.0	0.3	0.5	194.0	63.0	109.0
	2.5	0.3	2.5	21.0	5.0	5.0	356.0
	59.0	30.0	10.0	2.5	11.0	10.0	58.0
	0.5	18.0	125.0				
C-038	0.5	20.7	0.6	6.1	4.4	1055.0	1.1
	0.2	0.8	1.9	18.0	25.0	154.0	5.0
	18.0	68.0	0.6	0.5	223.0	87.0	113.0
	22.0	0.3	2.5	21.0	5.0	5.0	373.0
	66.0	32.0	9.0	2.5	13.0	10.0	50.0
	2.0	19.0	123.0				
C-039	0.5	18.8	1.6	3.2	6.7	1034.0	0.5
	0.4	0.7	0.8	8.0	11.0	74.0	0.5
	16.0	32.0	1.4	0.5	579.0	33.0	106.0
	2.5	0.3	2.5	16.0	5.0	5.0	203.0
	72.0	35.0	5.0	2.5	11.0	10.0	66.0
	0.5	25.0	128.0				
C-040	0.5	18.1	1.5	3.8	6.2	970.0	0.7
	0.4	0.8	1.1	10.0	16.0	89.0	2.0
	16.0	38.0	1.3	0.5	532.0	49.0	104.0
	2.5	0.3	2.5	18.0	5.0	5.0	302.0
	50.0	25.0	7.0	2.5	11.0	10.0	91.0
	0.5	21.0	164.0				
C-041	0.5	16.5	0.5	5.3	3.4	448.0	0.9
	0.3	1.0	1.7	19.0	17.0	80.0	0.5
	14.0	40.0	0.3	0.5	246.0	45.0	69.0
	2.5	0.3	2.5	17.0	5.0	5.0	384.0
	64.0	30.0	9.0	2.5	8.0	10.0	106.0
	4.0	17.0	154.0				
C-042	0.5	19.5	2.2	3.3	9.3	1717.0	0.7
	0.4	0.7	0.8	7.0	11.0	85.0	0.5
	17.0	32.0	1.7	0.5	734.0	35.0	106.0
	2.5	0.3	2.5	19.0	5.0	5.0	218.0
	57.0	29.0	0.5	2.5	15.0	10.0	69.0
	0.5	33.0	176.0				
C-043	0.5	22.5	1.0	2.7	3.4	421.0	0.4
	0.3	0.4	0.8	7.0	10.0	47.0	1.0
	9.0	21.0	0.8	0.5	541.0	17.0	69.0
	2.5	0.3	2.5	14.0	5.0	5.0	222.0
	53.0	25.0	9.0	2.5	7.0	10.0	59.0
	1.0	15.0	296.0				
C-044	0.5	30.8	0.5	4.9	3.6	328.0	0.9
	0.2	0.8	1.3	14.0	12.0	69.0	0.5
	14.0	47.0	0.3	0.5	197.0	39.0	78.0
	2.5	0.3	2.5	16.0	5.0	5.0	258.0
	53.0	25.0	8.0	2.5	9.0	10.0	51.0
	0.5	13.0	110.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C-045	0.5	23.3	1.3	3.8	6.4	656.0	0.7
	0.3	0.7	1.0	14.0	35.0	63.0	0.5
	19.0	42.0	1.3	0.5	394.0	30.0	124.0
	2.5	0.3	2.5	18.0	5.0	5.0	210.0
	56.0	27.0	11.0	2.5	10.0	10.0	54.0
	0.5	19.0	141.0				
C-046	0.5	29.9	2.0	3.3	7.7	1130.0	0.5
	0.5	0.6	0.8	7.0	16.0	85.0	0.5
	16.0	28.0	1.8	0.5	384.0	28.0	142.0
	2.5	0.3	2.5	21.0	5.0	5.0	224.0
	51.0	23.0	4.0	2.5	10.0	10.0	75.0
	0.5	19.0	150.0				
C-047	0.5	30.9	1.8	3.6	10.0	1207.0	0.8
	0.3	0.5	1.0	20.0	26.0	84.0	5.0
	27.0	56.0	0.3	0.5	456.0	32.0	157.0
	23.0	0.3	2.5	18.0	5.0	5.0	210.0
	61.0	33.0	0.5	2.5	14.0	30.0	47.0
	0.5	23.0	123.0				
C-048	22.0	32.3	1.9	3.2	10.0	1401.0	0.7
	0.4	0.5	0.8	18.0	25.0	78.0	0.5
	27.0	50.0	0.3	0.5	489.0	23.0	138.0
	19.0	0.3	2.5	19.0	5.0	5.0	191.0
	70.0	36.0	0.5	2.5	14.0	10.0	52.0
	0.5	27.0	117.0				
C-049	0.5	30.3	1.0	3.8	5.6	489.0	0.7
	0.2	0.6	1.0	12.0	16.0	61.0	2.0
	16.0	45.0	0.3	0.5	303.0	30.0	97.0
	20.0	0.3	2.5	14.0	5.0	5.0	218.0
	77.0	38.0	0.5	2.5	9.0	10.0	44.0
	0.5	16.0	95.0				
C-050	0.5	33.1	1.0	3.6	4.0	595.0	0.7
	0.4	0.9	1.0	4.0	10.0	56.0	1.0
	12.0	33.0	0.3	0.5	407.0	37.0	57.0
	11.0	0.3	2.5	14.0	5.0	5.0	256.0
	45.0	22.0	0.5	2.5	9.0	10.0	71.0
	1.0	19.0	97.0				
C-051	0.5	37.7	0.6	4.5	3.8	636.0	0.7
	0.3	0.8	1.4	11.0	14.0	60.0	2.0
	13.0	37.0	0.3	0.5	213.0	31.0	67.0
	2.5	0.3	2.5	15.0	5.0	5.0	322.0
	62.0	30.0	7.0	2.5	9.0	10.0	69.0
	0.5	21.0	131.0				
C-052	0.5	38.6	1.0	4.7	7.3	924.0	0.9
	0.3	0.7	1.3	14.0	19.0	73.0	0.5
	19.0	50.0	0.3	0.5	275.0	38.0	104.0
	7.0	0.3	2.5	18.0	5.0	5.0	267.0
	60.0	30.0	0.5	2.5	12.0	10.0	49.0
	1.0	18.0	102.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
C-053	0.5	22.8	0.4	4.7	3.0	274.0	0.8
	0.2	0.8	1.3	11.0	13.0	63.0	1.0
	11.0	45.0	0.3	0.5	233.0	38.0	68.0
	7.0	0.3	2.5	13.0	5.0	5.0	273.0
	48.0	24.0	6.0	2.5	8.0	10.0	48.0
	4.0	12.0	96.0				
C-054	0.5	27.3	0.4	5.1	3.3	259.0	0.9
	0.2	0.8	1.5	13.0	10.0	63.0	1.0
	13.0	53.0	0.3	0.5	202.0	43.0	68.0
	2.5	0.3	2.5	14.0	5.0	5.0	290.0
	51.0	26.0	6.0	2.5	9.0	10.0	44.0
	2.0	12.0	97.0				
C-055	0.5	31.2	0.4	5.1	3.1	192.0	0.8
	0.1	0.6	1.3	15.0	11.0	70.0	0.5
	12.0	57.0	0.3	0.5	215.0	38.0	64.0
	2.5	0.3	2.5	14.0	5.0	5.0	260.0
	49.0	23.0	6.0	2.5	9.0	10.0	49.0
	0.5	13.0	115.0				
C-056	0.5	35.5	0.3	2.6	2.4	285.0	0.3
	0.1	0.5	0.9	5.0	10.0	26.0	9.0
	7.0	21.0	0.3	0.5	296.0	18.0	42.0
	2.5	0.3	2.5	8.0	5.0	5.0	202.0
	31.0	16.0	3.0	2.5	4.0	10.0	34.0
	0.5	9.0	98.0				
C-057	0.5	31.3	1.6	3.0	8.6	1554.0	0.8
	0.6	0.6	0.8	6.0	15.0	79.0	2.0
	17.0	32.0	0.3	0.5	564.0	23.0	95.0
	13.0	0.3	2.5	16.0	5.0	5.0	196.0
	52.0	26.0	0.5	2.5	15.0	10.0	59.0
	0.5	32.0	91.0				
C-058	0.5	23.5	2.3	3.0	10.0	2173.0	0.8
	0.6	0.5	0.7	7.0	17.0	95.0	0.5
	18.0	34.0	0.3	0.5	739.0	21.0	84.0
	9.0	0.3	2.5	18.0	5.0	5.0	167.0
	60.0	30.0	0.5	2.5	19.0	10.0	48.0
	0.5	42.0	120.0				
C-059	0.5	30.6	1.5	3.4	7.3	1153.0	0.7
	0.5	0.7	0.9	6.0	10.0	85.0	0.5
	16.0	33.0	0.3	0.5	452.0	27.0	92.0
	6.0	0.3	2.5	16.0	5.0	5.0	222.0
	49.0	24.0	0.5	2.5	12.0	10.0	62.0
	0.5	25.0	97.0				
C-060	0.5	29.2	2.0	2.9	10.0	2000.0	0.8
	0.7	0.5	0.7	5.0	18.0	91.0	0.5
	18.0	29.0	0.3	0.5	739.0	19.0	78.0
	2.5	0.3	2.5	17.0	5.0	5.0	169.0
	57.0	28.0	0.5	2.5	18.0	10.0	52.0
	0.5	40.0	137.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C-061	0.5	41.2	0.7	2.8	2.7	533.0	0.4
	0.4	0.7	1.0	5.0	12.0	54.0	2.0
	10.0	24.0	0.3	0.5	458.0	17.0	46.0
	2.5	0.3	2.5	11.0	5.0	5.0	230.0
	39.0	18.0	2.0	2.5	6.0	10.0	61.0
	0.5	15.0	107.0				
C-062	0.5	38.7	0.7	2.7	2.6	505.0	0.4
	0.3	0.7	1.0	5.0	11.0	51.0	1.0
	9.0	24.0	0.3	0.5	417.0	16.0	49.0
	2.5	0.3	2.5	10.0	5.0	5.0	231.0
	39.0	18.0	3.0	2.5	6.0	10.0	61.0
	0.5	14.0	110.0				
C-063	23.0	22.1	1.0	4.6	6.6	768.0	1.0
	0.4	0.7	1.2	31.0	20.0	78.0	1.0
	21.0	38.0	0.3	0.5	362.0	38.0	117.0
	10.0	0.3	2.5	17.0	5.0	5.0	280.0
	56.0	28.0	0.5	2.5	14.0	23.0	68.0
	0.5	23.0	120.0				
C-064	0.5	30.1	1.5	3.8	8.6	1420.0	0.7
	0.6	0.9	0.9	7.0	16.0	83.0	3.0
	18.0	26.0	0.3	0.5	470.0	28.0	111.0
	21.0	0.3	8.0	19.0	5.0	14.0	307.0
	73.0	31.0	0.5	2.5	14.0	39.0	105.0
	2.0	24.0	107.0				
C-065	0.5	30.7	1.2	3.8	5.9	750.0	0.6
	0.6	0.7	0.9	10.0	11.0	71.0	0.5
	14.0	26.0	0.3	0.5	364.0	33.0	95.0
	20.0	0.3	2.5	18.0	5.0	5.0	282.0
	53.0	22.0	0.5	2.5	11.0	10.0	94.0
	0.5	18.0	129.0				
C-066	0.5	19.0	0.8	4.4	4.0	502.0	0.7
	0.5	0.9	1.1	13.0	19.0	83.0	8.0
	13.0	31.0	0.3	0.5	376.0	35.0	92.0
	25.0	0.3	2.5	18.0	5.0	5.0	328.0
	51.0	23.0	4.0	2.5	10.0	10.0	105.0
	2.0	15.0	136.0				
C-067	3.0	29.5	1.5	4.2	8.9	1032.0	0.8
	0.5	0.8	1.0	14.0	16.0	89.0	2.0
	19.0	33.0	0.3	0.5	399.0	34.0	139.0
	18.0	0.3	2.5	19.0	5.0	5.0	281.0
	59.0	29.0	0.5	2.5	14.0	10.0	89.0
	8.0	23.0	101.0				
C-068	0.5	24.7	2.2	2.9	10.0	2019.0	0.6
	0.5	0.5	0.6	9.0	20.0	98.0	2.0
	22.0	29.0	0.3	0.5	722.0	22.0	107.0
	27.0	0.3	2.5	19.0	5.0	5.0	171.0
	80.0	41.0	0.5	2.5	18.0	10.0	56.0
	0.5	32.0	136.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C-069	0.5	18.8	1.8	4.0	9.7	882.0	0.7
	0.4	0.8	1.0	13.0	17.0	85.0	0.5
	18.0	38.0	0.3	0.5	506.0	33.0	166.0
	7.0	0.3	2.5	20.0	5.0	5.0	249.0
	64.0	33.0	0.5	2.5	13.0	10.0	73.0
	0.5	20.0	112.0				
C-070	4398.0	16.8	1.6	4.0	9.4	936.0	0.7
	0.4	0.8	1.0	13.0	17.0	82.0	0.5
	18.0	38.0	0.3	0.5	535.0	33.0	146.0
	12.0	0.3	2.5	20.0	5.0	5.0	249.0
	66.0	33.0	0.5	2.5	13.0	23.0	77.0
	0.5	21.0	128.0				
C071	0.5	19.8	0.7	5.4	4.5	636.0	1.0
	0.3	1.0	1.4	11.0	18.0	75.0	0.5
	16.0	52.0	0.3	0.5	243.0	43.0	98.0
	14.0	0.3	2.5	16.0	5.0	5.0	317.0
	55.0	32.0	5.0	2.5	12.0	10.0	63.0
	0.5	18.0	124.0				
C072	0.5	24.7	0.7	5.2	3.8	363.0	0.9
	0.2	1.0	1.4	7.0	13.0	65.0	1.0
	12.0	47.0	0.3	0.5	255.0	40.0	92.0
	33.0	0.3	2.5	15.0	5.0	5.0	298.0
	53.0	30.0	4.0	2.5	10.0	10.0	54.0
	0.5	17.0	118.0				
C073	0.5	18.8	0.5	5.3	3.5	1821.0	0.9
	0.3	0.9	1.5	12.0	19.0	80.0	0.5
	17.0	50.0	0.3	0.5	330.0	49.0	84.0
	15.0	0.3	2.5	16.0	5.0	5.0	369.0
	65.0	32.0	6.0	2.5	10.0	10.0	84.0
	4.0	20.0	121.0				
C074	0.5	20.5	0.8	4.2	4.2	789.0	0.8
	0.2	0.7	1.4	7.0	8.0	50.0	0.5
	15.0	43.0	0.3	0.5	486.0	34.0	91.0
	17.0	0.3	2.5	14.0	5.0	5.0	293.0
	55.0	27.0	4.0	2.5	9.0	10.0	51.0
	0.5	17.0	140.0				
C075	0.5	25.4	1.7	3.5	9.8	1102.0	0.7
	0.2	0.6	1.1	4.0	12.0	70.0	0.5
	21.0	39.0	0.3	0.5	485.0	32.0	62.0
	9.0	0.3	2.5	14.0	5.0	5.0	231.0
	47.0	29.0	0.5	2.5	14.0	10.0	42.0
	0.5	18.0	66.0				
C076	0.5	25.8	0.4	3.7	2.4	281.0	0.6
	0.2	0.7	1.2	4.0	7.0	49.0	1.0
	9.0	36.0	0.3	0.5	321.0	34.0	50.0
	6.0	0.3	2.5	10.0	5.0	5.0	260.0
	37.0	20.0	3.0	2.5	7.0	10.0	57.0
	0.5	12.0	92.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C077	0.5	18.9	0.8	4.5	3.9	908.0	0.8
	0.2	0.7	1.5	9.0	12.0	82.0	0.5
	14.0	50.0	0.3	0.5	628.0	44.0	80.0
	2.5	0.3	2.5	15.0	5.0	5.0	311.0
	58.0	26.0	4.0	2.5	9.0	10.0	54.0
	2.0	18.0	137.0				
C078	0.5	16.7	1.1	3.9	4.1	717.0	0.7
	0.3	0.8	1.2	4.0	10.0	81.0	1.0
	11.0	42.0	0.3	0.5	660.0	41.0	74.0
	18.0	0.3	2.5	15.0	5.0	5.0	269.0
	49.0	25.0	6.0	2.5	9.0	10.0	66.0
	0.5	18.0	147.0				
C079	0.5	25.4	1.1	2.5	10.0	1306.0	0.5
	0.3	0.5	0.8	1.0	10.0	67.0	0.5
	17.0	27.0	0.3	0.5	599.0	24.0	56.0
	8.0	0.3	2.5	11.0	5.0	5.0	192.0
	45.0	28.0	0.5	2.5	12.0	10.0	42.0
	0.5	21.0	76.0				
C080	0.5	20.9	0.9	4.3	3.2	498.0	0.7
	0.2	1.0	1.3	9.0	10.0	63.0	4.0
	11.0	39.0	0.3	0.5	614.0	38.0	80.0
	20.0	0.3	2.5	16.0	5.0	5.0	301.0
	56.0	28.0	0.5	2.5	8.0	10.0	65.0
	0.5	17.0	147.0				
C081	0.5	26.5	0.9	4.0	3.2	349.0	0.7
	0.2	0.9	1.3	4.0	8.0	51.0	6.0
	9.0	35.0	0.3	0.5	366.0	36.0	76.0
	7.0	0.3	2.5	12.0	5.0	5.0	283.0
	45.0	26.0	4.0	2.5	8.0	10.0	66.0
	0.5	16.0	120.0				
C082	0.5	18.2	0.4	4.8	2.9	275.0	0.9
	0.2	0.8	1.6	8.0	7.0	51.0	3.0
	12.0	48.0	0.3	0.5	309.0	48.0	72.0
	14.0	0.3	2.5	13.0	5.0	5.0	318.0
	44.0	25.0	4.0	2.5	9.0	10.0	53.0
	0.5	15.0	90.0				
C083	0.5	22.2	0.5	4.5	2.7	418.0	0.7
	0.3	0.9	1.3	6.0	14.0	85.0	1.0
	11.0	37.0	0.3	0.5	360.0	40.0	68.0
	14.0	0.3	2.5	14.0	5.0	5.0	310.0
	53.0	29.0	4.0	2.5	8.0	10.0	83.0
	0.5	16.0	132.0				
C084	13.0	19.3	0.9	5.6	4.4	405.0	1.0
	0.3	1.1	1.5	9.0	20.0	73.0	1.0
	12.0	54.0	0.3	0.5	394.0	45.0	103.0
	30.0	0.3	2.5	18.0	5.0	5.0	327.0
	58.0	34.0	5.0	2.5	12.0	10.0	66.0
	3.0	18.0	144.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C085	0.5	19.7	1.2	4.8	5.1	486.0	0.8
	0.3	0.9	1.3	6.0	15.0	77.0	0.5
	11.0	41.0	0.3	0.5	376.0	39.0	115.0
	38.0	0.3	2.5	17.0	5.0	5.0	288.0
	51.0	30.0	3.0	2.5	11.0	10.0	67.0
	6.0	17.0	124.0				
C086	0.5	9.9	1.2	4.8	5.7	723.0	0.8
	0.3	0.9	1.3	10.0	19.0	81.0	0.5
	14.0	48.0	0.3	0.5	449.0	38.0	120.0
	23.0	0.3	2.5	17.0	5.0	5.0	276.0
	50.0	30.0	4.0	2.5	12.0	10.0	55.0
	1.0	18.0	117.0				
C087	0.5	15.0	0.5	6.0	4.0	1061.0	1.0
	0.3	0.9	1.7	13.0	16.0	97.0	0.5
	17.0	55.0	0.3	0.5	244.0	57.0	91.0
	33.0	0.3	2.5	17.0	5.0	5.0	353.0
	61.0	32.0	5.0	2.5	12.0	10.0	70.0
	0.5	18.0	108.0				
C088	0.5	19.1	1.2	4.7	10.0	1289.0	0.9
	0.3	0.8	1.2	11.0	281.0	94.0	0.5
	26.0	57.0	0.3	0.5	579.0	37.0	93.0
	36.0	0.3	6.0	16.0	5.0	5.0	249.0
	52.0	36.0	0.5	2.5	16.0	10.0	48.0
	0.5	26.0	80.0				
C089	1558.0	26.8	1.2	6.1	7.6	888.0	1.1
	0.3	1.1	1.7	15.0	29.0	87.0	0.5
	22.0	67.0	0.3	0.5	394.0	48.0	118.0
	52.0	0.3	2.5	19.0	5.0	5.0	332.0
	60.0	37.0	0.5	2.5	15.0	10.0	59.0
	0.5	24.0	111.0				
C090	0.5	26.6	1.4	4.9	6.5	776.0	0.8
	0.2	0.9	1.3	11.0	33.0	109.0	0.5
	17.0	58.0	0.3	0.5	321.0	39.0	127.0
	7.0	0.3	2.5	16.0	5.0	5.0	273.0
	49.0	31.0	2.0	2.5	13.0	10.0	48.0
	0.5	21.0	120.0				
C091	0.5	28.3	0.4	4.5	3.4	329.0	0.8
	0.2	0.7	1.3	12.0	17.0	51.0	2.0
	18.0	55.0	0.3	0.5	242.0	36.0	70.0
	16.0	0.3	2.5	13.0	5.0	5.0	252.0
	50.0	27.0	5.0	2.5	9.0	10.0	45.0
	3.0	16.0	95.0				
C092	0.5	27.0	0.5	4.9	3.4	262.0	0.9
	0.2	0.8	1.4	10.0	13.0	58.0	0.5
	13.0	52.0	0.3	0.5	223.0	41.0	80.0
	24.0	0.3	2.5	13.0	5.0	5.0	278.0
	50.0	29.0	6.0	2.5	9.0	10.0	47.0
	0.5	14.0	109.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C093	3.0	20.7	1.8	4.4	9.5	904.0	1.0
	0.4	0.8	1.3	40.0	41.0	69.0	1.0
	33.0	45.0	0.3	0.5	775.0	30.0	148.0
	12.0	0.3	2.5	20.0	5.0	5.0	359.0
	89.0	54.0	4.0	2.5	13.0	10.0	98.0
	0.5	28.0	245.0				
C094	0.5	21.7	0.5	5.6	3.3	332.0	0.9
	0.1	0.8	1.6	12.0	17.0	82.0	0.5
	13.0	54.0	0.3	0.5	237.0	44.0	87.0
	25.0	0.3	2.5	15.0	5.0	5.0	314.0
	54.0	31.0	4.0	2.5	11.0	10.0	47.0
	4.0	15.0	111.0				
C095	0.5	31.9	0.3	2.8	1.3	158.0	0.3
	0.2	0.6	1.1	0.5	6.0	25.0	0.5
	5.0	23.0	0.3	0.5	318.0	27.0	25.0
	2.5	0.3	2.5	7.0	5.0	5.0	254.0
	25.0	14.0	1.0	2.5	3.0	10.0	49.0
	1.0	8.0	69.0				
C096	0.5	30.8	0.5	2.1	1.4	236.0	0.3
	0.2	0.5	0.9	0.5	11.0	29.0	0.5
	5.0	17.0	0.3	0.5	501.0	24.0	30.0
	2.5	0.3	2.5	6.0	5.0	5.0	215.0
	24.0	14.0	0.5	2.5	3.0	10.0	42.0
	1.0	9.0	100.0				
C097	1.0	32.5	0.6	5.9	4.0	674.0	1.0
	0.2	0.9	1.7	16.0	21.0	80.0	0.5
	17.0	61.0	0.3	0.5	207.0	52.0	95.0
	33.0	0.3	2.5	16.0	5.0	5.0	328.0
	61.0	34.0	5.0	2.5	12.0	10.0	55.0
	6.0	18.0	121.0				
C098	0.5	27.6	0.5	3.6	1.8	184.0	0.5
	0.2	0.8	1.4	0.5	8.0	43.0	0.5
	7.0	32.0	0.3	0.5	438.0	34.0	42.0
	8.0	0.3	2.5	10.0	5.0	5.0	297.0
	36.0	21.0	2.0	2.5	5.0	10.0	59.0
	2.0	11.0	124.0				
C099	0.5	25.7	0.9	3.3	6.0	1015.0	0.6
	0.6	0.7	0.9	3.0	16.0	79.0	0.5
	13.0	32.0	0.3	0.5	521.0	27.0	50.0
	8.0	0.3	2.5	12.0	5.0	5.0	232.0
	35.0	21.0	0.5	2.5	11.0	10.0	71.0
	4.0	28.0	66.0				
C100	0.5	26.9	1.0	3.3	3.6	639.0	0.5
	0.4	0.7	1.0	2.0	12.0	76.0	1.0
	9.0	31.0	0.3	0.5	391.0	33.0	66.0
	2.5	0.3	2.5	12.0	5.0	5.0	248.0
	31.0	19.0	4.0	2.5	8.0	10.0	71.0
	3.0	17.0	87.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C101	0.5	35.8	1.7	3.2	5.6	779.0	0.5
	0.4	0.7	0.9	0.5	17.0	83.0	0.5
	11.0	34.0	0.3	0.5	355.0	32.0	121.0
	2.5	0.3	2.5	14.0	5.0	5.0	234.0
	33.0	20.0	0.5	2.5	9.0	10.0	72.0
	6.0	25.0	62.0				
C102	0.5	27.4	0.3	5.0	2.8	312.0	0.8
	0.2	0.9	1.4	8.0	16.0	58.0	1.0
	11.0	51.0	0.3	0.5	200.0	32.0	67.0
	2.5	0.3	2.5	13.0	5.0	5.0	254.0
	45.0	25.0	4.0	2.5	9.0	10.0	47.0
	0.5	14.0	92.0				
C103	0.5	31.4	1.2	3.2	4.5	783.0	0.5
	0.4	0.7	0.9	1.0	15.0	78.0	0.5
	10.0	33.0	0.3	0.5	385.0	32.0	77.0
	2.5	0.3	2.5	13.0	5.0	5.0	232.0
	38.0	22.0	3.0	2.5	9.0	10.0	66.0
	0.5	19.0	85.0				
C104	0.5	34.2	0.8	3.5	3.7	449.0	0.6
	0.2	0.6	1.1	5.0	16.0	48.0	1.0
	11.0	42.0	0.3	0.5	301.0	29.0	83.0
	6.0	0.3	2.5	12.0	5.0	5.0	238.0
	36.0	21.0	2.0	2.5	8.0	10.0	45.0
	0.5	13.0	87.0				
C105	9.0	34.9	1.8	3.8	10.0	910.0	0.7
	0.2	0.6	1.1	12.0	62.0	75.0	0.5
	27.0	82.0	0.3	0.5	399.0	31.0	133.0
	22.0	0.3	2.5	15.0	5.0	5.0	237.0
	46.0	33.0	0.5	2.5	12.0	10.0	44.0
	4.0	19.0	93.0				
C106	0.5	29.5	0.6	2.5	2.2	412.0	0.4
	0.3	0.6	0.9	0.5	10.0	49.0	0.5
	8.0	22.0	0.3	0.5	556.0	15.0	38.0
	7.0	0.3	2.5	10.0	5.0	5.0	209.0
	34.0	17.0	1.0	2.5	5.0	10.0	57.0
	2.0	12.0	92.0				
C107	0.5	28.1	0.6	2.9	3.6	910.0	0.7
	0.2	0.7	1.4	12.0	20.0	55.0	5.0
	14.0	48.0	0.3	0.5	251.0	41.0	76.0
	20.0	0.3	2.5	12.0	5.0	5.0	309.0
	36.0	27.0	8.0	2.5	7.0	10.0	49.0
	1.0	11.0	106.0				
C108	0.5	32.1	0.5	3.8	3.5	901.0	0.7
	0.2	0.6	1.4	11.0	19.0	57.0	0.5
	15.0	48.0	0.3	0.5	220.0	39.0	71.0
	22.0	0.3	2.5	12.0	5.0	5.0	306.0
	41.0	28.0	7.0	2.5	8.0	10.0	49.0
	0.5	12.0	92.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C109	0.5	35.5	0.8	2.4	3.2	416.0	0.4
	0.3	0.5	0.8	5.0	14.0	49.0	0.5
	9.0	28.0	0.3	0.5	282.0	24.0	62.0
	9.0	0.3	2.5	8.0	5.0	5.0	194.0
	27.0	20.0	5.0	2.5	6.0	10.0	46.0
	0.5	12.0	86.0				
C110	0.5	34.2	1.4	2.5	4.9	657.0	0.4
	0.3	0.5	0.8	9.0	17.0	45.0	0.5
	11.0	29.0	0.6	0.5	337.0	22.0	96.0
	2.5	0.3	2.5	11.0	5.0	5.0	188.0
	27.0	23.0	5.0	2.5	8.0	29.0	47.0
	0.5	21.0	122.0				
C111	0.5	26.9	0.4	3.3	2.9	379.0	0.8
	0.2	0.8	1.4	13.0	14.0	62.0	0.5
	12.0	45.0	0.3	0.5	234.0	42.0	67.0
	31.0	0.3	2.5	12.0	5.0	5.0	261.0
	38.0	27.0	11.0	2.5	7.0	10.0	46.0
	0.5	11.0	111.0				
C112	3.0	28.9	0.8	3.1	5.3	688.0	0.9
	0.2	0.7	1.5	27.0	21.0	64.0	4.0
	22.0	55.0	0.3	0.5	214.0	42.0	100.0
	45.0	0.3	2.5	14.0	5.0	5.0	305.0
	47.0	35.0	11.0	2.5	10.0	10.0	57.0
	3.0	18.0	140.0				
C113	0.5	31.9	0.7	3.5	4.0	377.0	0.8
	0.3	0.6	1.6	12.0	19.0	74.0	0.5
	15.0	65.0	0.3	0.5	295.0	63.0	86.0
	9.0	0.3	2.5	14.0	5.0	5.0	290.0
	39.0	29.0	9.0	2.5	8.0	10.0	49.0
	0.5	14.0	126.0				
C114	0.5	28.6	0.8	2.6	2.2	299.0	0.4
	0.2	0.7	1.3	4.0	9.0	39.0	0.5
	7.0	29.0	0.3	0.5	385.0	25.0	47.0
	7.0	0.3	2.5	10.0	5.0	5.0	275.0
	34.0	22.0	7.0	2.5	5.0	10.0	51.0
	1.0	10.0	192.0				
C115	0.5	27.2	0.3	2.6	1.5	145.0	0.4
	0.3	0.8	1.1	4.0	6.0	48.0	0.5
	7.0	20.0	0.3	0.5	358.0	21.0	30.0
	2.5	0.3	2.5	7.0	5.0	5.0	285.0
	20.0	16.0	3.0	2.5	4.0	10.0	77.0
	0.5	8.0	92.0				
C116	0.5	40.2	0.7	2.8	2.4	371.0	0.4
	0.2	0.9	1.2	4.0	8.0	63.0	0.5
	9.0	30.0	0.3	0.5	320.0	30.0	55.0
	2.5	0.3	2.5	8.0	5.0	5.0	250.0
	34.0	23.0	6.0	2.5	5.0	10.0	48.0
	0.5	10.0	167.0				

No. ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
C117	0.5	30.6	0.4	2.1	1.6	296.0	0.3
	0.1	0.7	1.0	4.0	7.0	39.0	6.0
	7.0	24.0	0.3	0.5	428.0	22.0	31.0
	2.5	0.3	2.5	6.0	5.0	5.0	215.0
	27.0	18.0	5.0	2.5	3.0	10.0	40.0
	0.5	9.0	161.0				
C118	0.5	34.9	0.4	2.2	1.8	173.0	0.3
	0.1	0.6	1.0	6.0	10.0	30.0	1.0
	8.0	29.0	0.3	0.5	390.0	20.0	38.0
	2.5	0.3	2.5	8.0	5.0	5.0	203.0
	38.0	22.0	5.0	2.5	4.0	10.0	39.0
	0.5	11.0	184.0				
C119	0.5	34.3	0.5	2.6	2.2	229.0	0.4
	0.2	0.8	1.2	5.0	8.0	40.0	0.5
	10.0	34.0	0.3	0.5	397.0	24.0	47.0
	2.5	0.3	2.5	9.0	5.0	5.0	226.0
	36.0	23.0	6.0	2.5	5.0	10.0	43.0
	0.5	11.0	178.0				
C120	7.0	34.3	0.8	4.2	4.5	481.0	1.4
	0.3	1.1	2.3	29.0	24.0	85.0	0.5
	20.0	42.0	0.6	0.5	175.0	77.0	126.0
	44.0	0.3	2.5	21.0	5.0	5.0	601.0
	75.0	50.0	12.0	2.5	10.0	10.0	116.0
	2.0	18.0	247.0				
47107-M001	0.5	24.7	0.3	4.1	3.3	587.0	1.1
	10.0	0.5	1.3	23.0	14.0	52.0	5.0
	14.0	47.0	0.3	2.0	114.0	32.0	60.0
	2.5	0.3	2.5	1.0	5.0	5.0	231.0
	2.5	22.0	10.0	2.5	8.0	10.0	627.0
	0.5	13.0	54.0				
47107-M002	0.5	16.3	0.3	5.6	3.9	950.0	1.8
	7.4	0.6	1.8	26.0	18.0	77.0	4.0
	21.0	66.0	0.3	0.5	135.0	45.0	78.0
	2.5	0.3	2.5	2.0	5.0	5.0	279.0
	30.0	34.0	12.0	2.5	10.0	10.0	440.0
	3.0	14.0	72.0				
47107-M003	0.5	26.7	0.3	4.4	2.8	810.0	1.3
	10.0	0.7	1.3	17.0	13.0	51.0	3.0
	14.0	48.0	0.3	0.5	118.0	33.0	62.0
	2.5	0.3	2.5	1.0	5.0	5.0	217.0
	2.5	24.0	11.0	2.5	9.0	10.0	481.0
	0.5	14.0	60.0				
47107-M004	0.5	26.3	0.3	4.8	3.1	579.0	1.4
	9.9	0.7	1.5	19.0	14.0	60.0	3.0
	14.0	53.0	0.3	0.5	114.0	37.0	66.0
	2.5	0.3	2.5	1.0	5.0	5.0	266.0
	2.5	25.0	11.0	2.5	9.0	10.0	410.0
	4.0	13.0	61.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M005	0.5	34.6	0.2	4.1	2.7	586.0	1.1
	10.0	0.6	1.3	18.0	12.0	51.0	3.0
	12.0	43.0	0.3	0.5	101.0	33.0	56.0
	2.5	0.3	2.5	1.0	5.0	5.0	220.0
	2.5	21.0	11.0	2.5	8.0	10.0	603.0
	2.0	13.0	51.0				
47107-M006	4.0	25.2	0.4	5.8	4.6	702.0	1.4
	1.4	0.9	1.7	23.0	14.0	93.0	2.0
	21.0	57.0	0.7	0.5	278.0	42.0	89.0
	2.5	0.3	2.5	20.0	5.0	5.0	299.0
	76.0	37.0	10.0	2.5	11.0	10.0	92.0
	0.5	16.0	92.0				
47107-M007	0.5	22.0	0.4	5.4	3.8	1034.0	1.4
	5.5	0.9	1.6	33.0	19.0	63.0	2.0
	17.0	62.0	0.3	0.5	227.0	40.0	87.0
	2.5	0.3	2.5	9.0	5.0	5.0	291.0
	42.0	33.0	10.0	2.5	10.0	10.0	362.0
	2.0	16.0	84.0				
47107-M008	0.5	25.1	0.3	6.1	3.8	558.0	1.6
	4.9	0.8	1.9	20.0	195.0	82.0	3.0
	17.0	57.0	0.3	0.5	157.0	48.0	88.0
	2.5	0.3	2.5	12.0	5.0	5.0	392.0
	43.0	31.0	11.0	2.5	11.0	10.0	205.0
	5.0	12.0	73.0				
47107-M009	0.5	27.5	0.3	6.3	7.0	2618.0	1.5
	1.0	0.6	1.9	31.0	34.0	100.0	3.0
	27.0	63.0	0.3	1.0	175.0	47.0	108.0
	10.0	0.3	2.5	20.0	5.0	5.0	452.0
	94.0	43.0	10.0	2.5	12.0	10.0	77.0
	0.5	18.0	83.0				
47107-M010	0.5	30.4	0.4	7.8	5.5	837.0	1.9
	0.7	0.8	2.5	36.0	26.0	115.0	3.0
	26.0	78.0	0.3	0.5	185.0	59.0	117.0
	2.5	0.3	6.0	24.0	5.0	5.0	520.0
	81.0	39.0	10.0	2.5	15.0	10.0	63.0
	2.0	16.0	97.0				
47107-M011	0.5	29.7	0.4	6.9	4.9	873.0	1.6
	0.7	0.7	2.2	32.0	22.0	100.0	7.0
	23.0	68.0	0.3	0.5	151.0	54.0	102.0
	2.5	0.3	2.5	20.0	5.0	5.0	472.0
	69.0	36.0	8.0	2.5	13.0	10.0	59.0
	0.5	15.0	92.0				
47107-M012	1.0	35.6	0.4	7.3	5.3	502.0	1.8
	0.4	0.8	2.3	37.0	20.0	100.0	4.0
	23.0	79.0	0.3	0.5	156.0	58.0	111.0
	2.5	0.3	2.5	21.0	5.0	5.0	466.0
	69.0	36.0	8.0	2.5	14.0	10.0	54.0
	0.5	15.0	95.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-M013	0.5	30.0	0.4	5.1	4.1	1104.0	1.2
	0.7	0.6	1.5	18.0	22.0	89.0	3.0
	19.0	48.0	0.3	0.5	174.0	41.0	81.0
	2.5	0.3	2.5	16.0	5.0	5.0	311.0
	74.0	35.0	7.0	2.5	9.0	10.0	58.0
	0.5	12.0	76.0				
47107-M014	0.5	27.5	0.5	5.1	4.0	410.0	0.9
	4.1	0.7	1.5	21.0	50.0	56.0	4.0
	14.0	51.0	0.3	1.0	226.0	40.0	89.0
	2.5	0.3	2.5	12.0	5.0	5.0	254.0
	45.0	33.0	8.0	2.5	11.0	10.0	193.0
	0.5	18.0	92.0				
47107-M015	0.5	23.2	0.4	7.3	5.0	793.0	1.6
	0.4	0.8	2.3	35.0	15.0	107.0	4.0
	22.0	80.0	0.3	1.0	175.0	59.0	111.0
	2.5	0.3	2.5	21.0	5.0	5.0	455.0
	66.0	35.0	8.0	2.5	15.0	10.0	48.0
	0.5	15.0	90.0				
47107-M016	0.5	27.6	0.4	6.0	4.1	866.0	1.6
	2.6	0.8	1.7	26.0	21.0	77.0	2.0
	24.0	70.0	0.3	0.5	193.0	48.0	86.0
	2.5	0.3	2.5	17.0	5.0	5.0	296.0
	55.0	33.0	10.0	2.5	11.0	10.0	222.0
	0.5	15.0	87.0				
47107-M017	2.0	28.3	0.3	5.0	4.0	765.0	1.6
	9.5	0.5	1.6	36.0	23.0	68.0	2.0
	29.0	64.0	0.3	0.5	123.0	39.0	70.0
	2.5	0.3	2.5	1.0	5.0	5.0	248.0
	2.5	29.0	10.0	2.5	10.0	10.0	654.0
	0.5	14.0	60.0				
47107-M018	0.5	24.0	0.3	4.7	3.2	671.0	1.5
	10.0	0.5	1.5	30.0	19.0	63.0	2.0
	25.0	53.0	0.3	0.5	121.0	37.0	64.0
	2.5	0.3	2.5	1.0	5.0	5.0	225.0
	2.5	26.0	11.0	2.5	9.0	10.0	750.0
	0.5	13.0	58.0				
47107-M019	0.5	17.5	0.4	6.8	5.0	1441.0	2.2
	3.9	0.6	2.1	41.0	33.0	102.0	3.0
	38.0	85.0	0.3	0.5	157.0	53.0	97.0
	2.5	0.3	2.5	15.0	5.0	5.0	348.0
	59.0	39.0	12.0	2.5	12.0	10.0	302.0
	0.5	15.0	81.0				
47107-M020	0.5	23.1	0.5	5.4	3.6	470.0	1.1
	7.1	0.8	1.6	21.0	13.0	63.0	3.0
	15.0	52.0	0.3	0.5	199.0	43.0	83.0
	2.5	0.3	2.5	2.0	5.0	5.0	274.0
	24.0	31.0	10.0	2.5	11.0	10.0	441.0
	0.5	16.0	95.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M021	10.0	27.6	0.4	7.5	5.4	1773.0	2.0
	10.0	0.5	2.6	43.0	39.0	125.0	3.0
	42.0	71.0	0.3	0.5	129.0	61.0	105.0
	2.5	0.3	2.5	1.0	5.0	5.0	378.0
	20.0	52.0	14.0	2.5	12.0	10.0	832.0
	3.0	18.0	98.0				
47107-M022	691.0	34.1	1.9	5.3	10.0	1846.0	1.2
	1.8	0.8	1.3	57.0	89.0	113.0	5.0
	71.0	148.0	0.3	3.0	911.0	41.0	209.0
	28.0	0.3	8.0	23.0	5.0	5.0	284.0
	83.0	57.0	0.5	2.5	21.0	10.0	154.0
	0.5	42.0	103.0				
47107-M023	0.5	23.0	0.3	5.5	4.4	1081.0	1.7
	6.9	0.6	1.8	29.0	23.0	87.0	2.0
	24.0	72.0	0.3	0.5	194.0	44.0	83.0
	6.0	0.3	2.5	1.0	5.0	5.0	283.0
	45.0	39.0	11.0	2.5	10.0	10.0	368.0
	6.0	13.0	74.0				
47107-M024	0.5	16.9	0.4	6.5	4.8	2341.0	1.1
	3.1	0.6	2.0	25.0	32.0	113.0	3.0
	24.0	61.0	0.3	2.0	205.0	50.0	100.0
	2.5	0.3	2.5	16.0	5.0	5.0	359.0
	86.0	39.0	10.0	2.5	11.0	10.0	143.0
	0.5	16.0	96.0				
47107-M025	0.5	23.8	0.5	7.0	4.4	1227.0	1.5
	1.0	0.8	2.3	27.0	15.0	103.0	1.0
	22.0	69.0	0.3	0.5	205.0	57.0	108.0
	2.5	0.3	2.5	22.0	5.0	5.0	386.0
	77.0	39.0	9.0	2.5	13.0	10.0	108.0
	1.0	17.0	109.0				
47107-M026	0.5	20.8	0.4	5.8	3.7	569.0	1.0
	3.8	0.8	1.6	20.0	15.0	73.0	3.0
	16.0	52.0	0.5	0.5	211.0	42.0	83.0
	2.5	0.3	2.5	15.0	5.0	5.0	286.0
	49.0	31.0	9.0	2.5	11.0	10.0	190.0
	3.0	15.0	86.0				
47107-M027	0.5	19.5	0.5	7.5	4.6	916.0	1.9
	0.4	0.6	2.6	27.0	17.0	105.0	0.5
	20.0	81.0	0.3	1.0	202.0	73.0	120.0
	2.5	0.3	2.5	22.0	5.0	5.0	398.0
	75.0	38.0	11.0	2.5	13.0	10.0	78.0
	0.5	15.0	114.0				
47107-M028	0.5	20.7	0.5	7.7	4.9	1069.0	1.8
	0.4	0.5	2.6	29.0	26.0	125.0	1.0
	23.0	83.0	0.3	0.5	189.0	99.0	125.0
	7.0	0.3	2.5	23.0	5.0	5.0	417.0
	75.0	38.0	10.0	2.5	14.0	10.0	76.0
	2.0	15.0	110.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M029	0.5	24.2	0.5	7.8	5.0	639.0	1.3
	0.2	0.5	2.6	37.0	22.0	118.0	1.0
	21.0	81.0	0.3	2.0	185.0	115.0	129.0
	2.5	0.3	2.5	24.0	5.0	5.0	387.0
	75.0	38.0	8.0	2.5	17.0	10.0	55.0
	0.5	18.0	113.0				
47107-M030	0.5	27.0	0.4	6.7	4.1	1172.0	1.5
	2.5	0.7	2.2	22.0	25.0	91.0	6.0
	20.0	67.0	0.3	1.0	152.0	66.0	103.0
	2.5	0.3	2.5	19.0	5.0	5.0	354.0
	67.0	35.0	10.0	2.5	12.0	10.0	174.0
	2.0	15.0	94.0				
47107-M031	0.5	32.6	0.4	7.5	4.5	617.0	1.3
	0.1	0.5	2.4	36.0	20.0	104.0	2.0
	17.0	54.0	0.3	1.0	118.0	75.0	120.0
	2.5	0.3	2.5	20.0	5.0	5.0	352.0
	66.0	35.0	6.0	2.5	15.0	10.0	32.0
	0.5	17.0	102.0				
47107-M032	0.5	28.0	0.5	8.0	4.2	1071.0	1.8
	0.3	0.6	2.5	35.0	22.0	110.0	1.0
	23.0	86.0	0.3	1.0	159.0	90.0	127.0
	2.5	0.3	2.5	22.0	5.0	5.0	423.0
	77.0	37.0	7.0	2.5	17.0	10.0	66.0
	0.5	23.0	106.0				
47107-M033	0.5	22.7	0.5	7.8	5.7	614.0	1.2
	0.1	0.4	2.3	30.0	18.0	99.0	3.0
	14.0	46.0	0.3	0.5	124.0	63.0	143.0
	2.5	0.3	2.5	23.0	5.0	5.0	356.0
	76.0	41.0	8.0	2.5	15.0	10.0	28.0
	7.0	17.0	110.0				
47107-M034	0.5	22.9	0.4	6.8	4.1	1253.0	1.5
	1.4	0.7	2.2	22.0	25.0	95.0	1.0
	21.0	69.0	0.3	0.5	187.0	65.0	102.0
	2.5	0.3	2.5	20.0	5.0	5.0	368.0
	76.0	37.0	10.0	2.5	12.0	10.0	118.0
	2.0	16.0	100.0				
47107-M035	0.5	31.4	0.5	7.9	4.4	614.0	1.3
	0.1	0.5	2.6	37.0	23.0	91.0	0.5
	19.0	87.0	0.3	0.5	145.0	100.0	129.0
	2.5	0.3	2.5	21.0	5.0	5.0	372.0
	73.0	36.0	8.0	2.5	17.0	10.0	42.0
	2.0	17.0	109.0				
47107-M036	0.5	20.1	0.4	6.2	4.1	926.0	0.8
	3.1	0.7	1.8	19.0	21.0	91.0	2.0
	18.0	45.0	0.3	0.5	202.0	53.0	86.0
	2.5	0.3	2.5	16.0	5.0	5.0	284.0
	67.0	37.0	10.0	2.5	10.0	10.0	180.0
	0.5	14.0	92.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M037	0.5	31.9	0.2	3.3	2.1	348.0	0.5
	10.0	0.5	1.0	12.0	13.0	40.0	6.0
	8.0	28.0	0.3	0.5	86.0	28.0	46.0
	2.5	0.3	2.5	1.0	5.0	5.0	159.0
	2.5	15.0	8.0	2.5	7.0	10.0	622.0
	0.5	13.0	55.0				
47107-M038	0.5	24.9	0.3	5.0	3.2	582.0	0.8
	2.4	0.8	1.5	12.0	10.0	74.0	3.0
	14.0	47.0	0.3	0.5	211.0	41.0	69.0
	18.0	0.3	2.5	14.0	5.0	5.0	255.0
	48.0	27.0	7.0	2.5	8.0	10.0	144.0
	6.0	13.0	91.0				
47107-M039	0.5	18.8	0.3	5.4	3.4	635.0	0.9
	2.4	0.8	1.6	13.0	13.0	77.0	4.0
	15.0	51.0	0.3	0.5	237.0	45.0	75.0
	22.0	0.3	2.5	15.0	5.0	5.0	279.0
	50.0	28.0	8.0	2.5	9.0	10.0	147.0
	0.5	14.0	93.0				
47107-M040	0.5	23.6	0.5	7.7	4.7	884.0	2.0
	0.9	0.6	2.8	28.0	21.0	92.0	0.5
	22.0	86.0	0.3	0.5	151.0	86.0	117.0
	35.0	0.3	2.5	24.0	5.0	5.0	397.0
	70.0	36.0	10.0	2.5	14.0	10.0	112.0
	0.5	15.0	107.0				
47107-M041	1.0	24.6	1.7	5.1	8.0	858.0	1.0
	0.7	0.9	1.4	18.0	22.0	71.0	3.0
	21.0	62.0	0.3	0.5	487.0	38.0	152.0
	22.0	0.3	2.5	22.0	5.0	5.0	283.0
	60.0	33.0	7.0	2.5	15.0	10.0	71.0
	0.5	25.0	164.0				
47107-M042	0.5	28.1	0.4	6.2	4.0	1008.0	1.0
	3.0	0.7	2.1	21.0	17.0	73.0	3.0
	18.0	51.0	0.3	0.5	166.0	51.0	96.0
	2.5	0.3	2.5	17.0	5.0	5.0	339.0
	62.0	35.0	9.0	2.5	11.0	10.0	243.0
	0.5	15.0	104.0				
47107-M043	0.5	22.7	0.3	4.4	2.9	943.0	0.6
	10.0	0.6	1.4	15.0	13.0	63.0	1.0
	13.0	36.0	0.3	0.5	126.0	37.0	60.0
	2.5	0.3	2.5	1.0	5.0	5.0	236.0
	2.5	24.0	8.0	2.5	9.0	10.0	522.0
	2.0	14.0	67.0				
47107-M044	0.5	24.6	0.4	5.6	4.0	757.0	0.9
	0.4	0.9	1.8	28.0	18.0	77.0	7.0
	20.0	61.0	0.3	0.5	193.0	54.0	88.0
	28.0	7.6	2.5	18.0	5.0	5.0	336.0
	87.0	43.0	8.0	2.5	11.0	10.0	75.0
	0.5	16.0	106.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M045	0.5	26.5	0.4	6.1	4.2	1421.0	0.8
	1.5	1.0	1.8	20.0	19.0	88.0	3.0
	23.0	60.0	0.8	0.5	195.0	55.0	87.0
	34.0	8.3	2.5	21.0	5.0	5.0	348.0
	89.0	41.0	10.0	2.5	11.0	10.0	118.0
	5.0	18.0	107.0				
47107-M046	0.5	24.0	0.5	6.3	4.1	1931.0	0.8
	0.5	1.0	1.9	19.0	22.0	96.0	0.5
	24.0	63.0	0.3	0.5	190.0	56.0	94.0
	31.0	0.3	2.5	18.0	5.0	5.0	400.0
	93.0	39.0	7.0	2.5	11.0	10.0	85.0
	2.0	18.0	117.0				
47107-M047	0.5	24.1	0.4	6.1	3.8	906.0	0.9
	0.3	1.0	1.9	19.0	12.0	76.0	2.0
	18.0	55.0	0.3	0.5	203.0	52.0	88.0
	2.5	7.2	2.5	19.0	10.0	5.0	349.0
	77.0	35.0	8.0	2.5	12.0	10.0	87.0
	4.0	17.0	109.0				
47107-M048	1.0	24.0	0.5	6.4	5.2	1593.0	1.0
	1.2	0.9	1.9	24.0	23.0	97.0	3.0
	24.0	69.0	0.7	0.5	232.0	56.0	98.0
	20.0	9.5	2.5	22.0	5.0	5.0	364.0
	85.0	38.0	11.0	2.5	12.0	10.0	96.0
	2.0	18.0	112.0				
47107-M049	0.5	25.9	0.4	6.5	4.3	952.0	0.8
	0.3	0.8	2.1	22.0	17.0	84.0	3.0
	18.0	58.0	0.5	0.5	212.0	59.0	101.0
	18.0	7.9	2.5	22.0	5.0	5.0	334.0
	69.0	32.0	9.0	2.5	12.0	10.0	67.0
	0.5	15.0	116.0				
47107-M050	0.5	26.8	0.4	6.3	3.7	675.0	0.8
	1.0	1.1	1.8	23.0	18.0	73.0	2.0
	17.0	54.0	0.3	0.5	175.0	53.0	85.0
	28.0	0.3	2.5	19.0	5.0	5.0	331.0
	76.0	38.0	7.0	2.5	11.0	10.0	112.0
	1.0	17.0	114.0				
47107-M051	0.5	25.4	0.4	6.2	3.5	548.0	0.8
	0.9	1.1	1.8	18.0	13.0	70.0	0.5
	15.0	52.0	0.3	0.5	202.0	53.0	84.0
	9.0	0.3	2.5	19.0	5.0	5.0	312.0
	70.0	36.0	7.0	2.5	11.0	10.0	112.0
	0.5	17.0	117.0				
47107-M052	1.0	25.9	0.4	5.9	3.6	553.0	0.8
	2.0	1.0	1.7	20.0	14.0	66.0	6.0
	15.0	51.0	0.3	0.5	191.0	50.0	81.0
	2.5	0.3	2.5	19.0	5.0	5.0	302.0
	69.0	37.0	7.0	2.5	11.0	10.0	156.0
	1.0	17.0	101.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M053	3.0	20.2	0.4	6.8	4.9	1263.0	1.3
	0.8	0.6	2.4	28.0	27.0	159.0	2.0
	23.0	83.0	0.7	0.5	233.0	69.0	104.0
	99.0	9.5	2.5	24.0	13.0	5.0	372.0
	73.0	34.0	11.0	2.5	12.0	10.0	114.0
	7.0	14.0	103.0				
47107-M054	5.0	24.0	0.3	4.6	3.0	516.0	0.8
	8.9	0.6	1.5	18.0	14.0	55.0	3.0
	13.0	44.0	0.3	0.5	163.0	41.0	66.0
	11.0	0.3	2.5	1.0	5.0	5.0	245.0
	2.5	24.0	9.0	2.5	9.0	10.0	525.0
	3.0	14.0	74.0				
47107-M055	0.5	23.7	0.3	5.6	3.4	605.0	1.0
	4.8	0.7	1.8	20.0	19.0	84.0	4.0
	15.0	54.0	0.3	0.5	183.0	51.0	77.0
	32.0	0.3	5.0	10.0	5.0	5.0	287.0
	36.0	29.0	9.0	2.5	10.0	10.0	323.0
	0.5	14.0	91.0				
47107-M056	0.5	20.9	0.4	6.8	4.9	1497.0	1.3
	1.0	0.7	2.1	27.0	23.0	110.0	0.5
	25.0	82.0	0.6	0.5	240.0	75.0	106.0
	42.0	9.7	2.5	23.0	5.0	5.0	371.0
	76.0	36.0	12.0	2.5	13.0	10.0	123.0
	4.0	16.0	105.0				
47107-M057	0.5	16.4	0.5	7.9	5.9	1693.0	2.1
	2.0	0.6	2.6	40.0	38.0	150.0	0.5
	35.0	94.0	1.1	0.5	235.0	80.0	123.0
	98.0	11.9	2.5	27.0	5.0	5.0	430.0
	88.0	45.0	17.0	15.0	14.0	10.0	179.0
	16.0	19.0	122.0				
47107-M058	0.5	19.6	0.3	5.4	3.4	555.0	1.1
	5.2	0.6	1.8	19.0	13.0	75.0	2.0
	15.0	56.0	0.7	0.5	210.0	50.0	79.0
	8.0	7.6	2.5	11.0	5.0	5.0	272.0
	35.0	28.0	12.0	2.5	10.0	10.0	330.0
	0.5	13.0	79.0				
47107-M059	0.5	22.4	0.4	5.8	3.7	541.0	1.3
	4.9	0.6	2.0	21.0	16.0	83.0	2.0
	18.0	63.0	0.3	0.5	218.0	54.0	87.0
	14.0	8.3	6.0	14.0	5.0	5.0	292.0
	39.0	30.0	14.0	2.5	10.0	10.0	327.0
	0.5	14.0	85.0				
47107-M060	0.5	27.9	0.4	6.5	4.9	1284.0	1.6
	1.8	0.6	2.2	31.0	36.0	103.0	4.0
	34.0	70.0	0.3	0.5	162.0	56.0	97.0
	12.0	0.3	2.5	20.0	5.0	5.0	343.0
	74.0	40.0	9.0	2.5	12.0	10.0	178.0
	5.0	16.0	97.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M061	0.5	20.8	0.4	7.0	5.4	1584.0	2.0
	1.9	0.6	2.4	39.0	34.0	105.0	3.0
	43.0	85.0	0.3	0.5	170.0	58.0	103.0
	21.0	0.3	2.5	21.0	5.0	5.0	373.0
	76.0	41.0	10.0	9.0	13.0	10.0	197.0
	0.5	15.0	93.0				
47107-M062	0.5	21.0	0.3	5.9	3.4	494.0	1.3
	4.1	0.7	2.0	20.0	14.0	73.0	2.0
	16.0	63.0	0.3	0.5	179.0	53.0	81.0
	19.0	0.3	2.5	12.0	5.0	5.0	291.0
	42.0	31.0	10.0	2.5	10.0	10.0	306.0
	2.0	13.0	86.0				
47107-M063	0.5	29.4	0.4	6.0	4.2	1048.0	2.1
	2.1	0.7	2.3	25.0	21.0	82.0	5.0
	24.0	89.0	0.3	0.5	132.0	55.0	95.0
	7.0	8.6	2.5	20.0	5.0	5.0	355.0
	56.0	31.0	17.0	2.5	11.0	10.0	189.0
	3.0	13.0	83.0				
47107-M064	0.5	17.5	0.4	6.3	4.5	1234.0	1.8
	0.5	0.6	2.5	22.0	22.0	110.0	1.0
	21.0	83.0	0.3	0.5	200.0	72.0	106.0
	18.0	8.3	2.5	21.0	14.0	5.0	381.0
	66.0	33.0	11.0	2.5	11.0	10.0	78.0
	2.0	13.0	91.0				
47107-M065	0.5	33.2	0.6	6.3	4.1	470.0	1.0
	0.1	0.9	1.9	15.0	12.0	70.0	0.5
	14.0	55.0	0.3	0.5	200.0	51.0	102.0
	2.5	0.3	2.5	19.0	5.0	5.0	339.0
	61.0	31.0	8.0	2.5	13.0	10.0	44.0
	6.0	15.0	117.0				
47107-M066	0.5	26.1	0.5	5.8	3.6	314.0	1.0
	0.1	0.9	1.8	13.0	9.0	69.0	0.5
	13.0	54.0	0.3	0.5	223.0	48.0	88.0
	2.5	6.6	2.5	18.0	5.0	5.0	321.0
	57.0	29.0	11.0	2.5	12.0	10.0	44.0
	3.0	13.0	113.0				
47107-M067	0.5	28.6	0.8	5.9	4.5	507.0	1.0
	0.2	0.9	1.8	13.0	13.0	71.0	2.0
	14.0	56.0	0.3	0.5	263.0	50.0	113.0
	2.5	8.1	2.5	19.0	5.0	5.0	322.0
	64.0	32.0	7.0	2.5	13.0	10.0	47.0
	7.0	16.0	126.0				
47107-M068	0.5	24.2	0.8	6.2	4.7	498.0	1.1
	0.2	0.9	1.9	15.0	12.0	72.0	0.5
	16.0	58.0	0.3	0.5	281.0	52.0	122.0
	2.5	8.5	2.5	20.0	5.0	5.0	339.0
	66.0	34.0	8.0	2.5	13.0	10.0	48.0
	0.5	16.0	121.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M069	0.5	27.0	0.6	6.1	3.7	390.0	1.0
	0.2	0.9	1.8	15.0	10.0	70.0	3.0
	13.0	54.0	0.3	0.5	245.0	49.0	104.0
	2.5	7.0	2.5	18.0	13.0	5.0	341.0
	64.0	32.0	9.0	2.5	12.0	10.0	57.0
	3.0	15.0	119.0				
47107-M070	1.0	36.4	0.5	6.2	3.9	357.0	1.1
	0.1	0.8	1.9	20.0	14.0	69.0	2.0
	15.0	58.0	0.3	0.5	208.0	44.0	97.0
	17.0	7.2	2.5	18.0	12.0	5.0	337.0
	62.0	30.0	8.0	2.5	13.0	10.0	36.0
	0.5	16.0	127.0				
47107-M071	1.0	24.6	0.6	6.4	4.7	391.0	1.1
	0.1	0.8	1.9	21.0	21.0	73.0	1.0
	17.0	65.0	0.3	0.5	250.0	46.0	107.0
	19.0	0.3	2.5	17.0	5.0	5.0	343.0
	64.0	33.0	5.0	2.5	13.0	10.0	38.0
	4.0	17.0	132.0				
47107-M072	0.5	19.6	0.5	6.5	4.0	975.0	1.1
	0.2	0.9	1.9	17.0	16.0	81.0	0.5
	15.0	58.0	0.3	0.5	239.0	62.0	100.0
	21.0	0.3	2.5	18.0	5.0	5.0	371.0
	65.0	33.0	7.0	2.5	13.0	10.0	47.0
	0.5	17.0	125.0				
47107-M073	0.5	24.1	1.5	4.6	6.4	724.0	0.8
	0.2	0.6	1.4	14.0	19.0	60.0	5.0
	17.0	53.0	0.3	0.5	404.0	44.0	136.0
	7.0	0.3	6.0	19.0	5.0	5.0	274.0
	56.0	31.0	4.0	2.5	12.0	10.0	45.0
	2.0	19.0	116.0				
47107-M074	0.5	26.0	0.6	5.0	3.1	235.0	0.8
	0.2	0.8	1.5	9.0	11.0	51.0	3.0
	10.0	47.0	0.3	0.5	318.0	45.0	83.0
	13.0	0.3	2.5	14.0	5.0	5.0	286.0
	53.0	28.0	6.0	2.5	10.0	10.0	47.0
	1.0	14.0	125.0				
47107-M075	0.5	30.2	0.7	5.7	4.0	413.0	1.0
	0.3	0.8	1.7	13.0	14.0	61.0	2.0
	12.0	53.0	0.3	0.5	319.0	56.0	105.0
	30.0	0.3	2.5	18.0	5.0	5.0	321.0
	57.0	30.0	7.0	2.5	12.0	10.0	54.0
	0.5	16.0	115.0				
47107-M076	0.5	27.0	0.9	4.4	4.2	645.0	0.8
	0.3	0.7	1.3	11.0	15.0	50.0	2.0
	12.0	41.0	0.3	0.5	411.0	36.0	90.0
	2.5	0.3	2.5	16.0	5.0	5.0	267.0
	48.0	24.0	5.0	2.5	10.0	10.0	48.0
	6.0	15.0	106.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M077	0.5	23.5	0.9	4.6	3.7	423.0	0.9
	0.3	0.7	1.3	7.0	7.0	52.0	2.0
	10.0	41.0	0.3	0.5	474.0	40.0	90.0
	2.5	0.3	2.5	16.0	5.0	5.0	266.0
	48.0	25.0	8.0	2.5	11.0	10.0	44.0
	2.0	17.0	123.0				
47107-M078	0.5	34.0	0.6	5.6	3.9	687.0	1.0
	0.2	0.8	1.7	15.0	16.0	62.0	0.5
	14.0	50.0	0.3	0.5	299.0	47.0	94.0
	21.0	0.3	2.5	16.0	5.0	5.0	329.0
	58.0	29.0	6.0	2.5	11.0	10.0	46.0
	2.0	16.0	117.0				
47107-M079	0.5	34.0	0.5	5.2	3.4	476.0	0.9
	0.2	0.7	1.6	13.0	9.0	53.0	2.0
	11.0	44.0	0.3	0.5	279.0	41.0	86.0
	8.0	0.3	2.5	15.0	5.0	5.0	310.0
	57.0	29.0	5.0	2.5	10.0	10.0	44.0
	3.0	15.0	117.0				
47107-M080	0.5	23.4	0.3	5.6	3.2	1101.0	1.1
	7.5	1.0	1.7	19.0	15.0	73.0	5.0
	18.0	55.0	0.3	0.5	199.0	44.0	74.0
	2.5	1.0	2.5	20.0	5.0	5.0	274.0
	64.0	34.0	10.0	2.5	10.0	10.0	393.0
	0.5	14.0	74.0				
47107-M081	17.0	16.3	0.7	6.0	4.1	327.0	1.1
	0.2	1.1	1.6	9.0	8.0	72.0	2.0
	14.0	54.0	0.3	0.5	411.0	51.0	93.0
	2.5	0.3	2.5	18.0	5.0	5.0	296.0
	65.0	36.0	0.5	2.5	12.0	10.0	48.0
	0.5	15.0	122.0				
47107-M082	0.5	22.1	0.5	7.1	4.2	682.0	1.2
	0.2	1.1	2.0	13.0	12.0	83.0	4.0
	17.0	60.0	0.3	0.5	251.0	71.0	104.0
	15.0	0.3	2.5	22.0	11.0	11.0	365.0
	72.0	38.0	5.0	2.5	14.0	10.0	60.0
	0.5	17.0	114.0				
47107-M083	0.5	26.3	0.5	7.2	4.3	1374.0	1.3
	0.3	1.0	2.1	21.0	11.0	109.0	2.0
	17.0	69.0	0.3	0.5	259.0	78.0	112.0
	6.0	0.6	2.5	22.0	5.0	5.0	409.0
	81.0	42.0	6.0	2.5	15.0	10.0	97.0
	0.5	22.0	124.0				
47107-M084	0.5	28.3	0.4	6.6	3.9	292.0	1.2
	0.1	1.2	1.8	11.0	4.0	77.0	3.0
	15.0	57.0	0.3	0.5	251.0	55.0	91.0
	23.0	0.3	2.5	21.0	13.0	5.0	331.0
	68.0	34.0	5.0	2.5	12.0	10.0	49.0
	3.0	15.0	104.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M085	0.5	23.3	0.4	6.2	3.6	292.0	1.1
	0.2	1.2	1.6	7.0	5.0	73.0	3.0
	15.0	53.0	0.3	0.5	285.0	50.0	88.0
	2.5	0.3	2.5	19.0	5.0	5.0	304.0
	66.0	33.0	6.0	2.5	11.0	10.0	54.0
	4.0	15.0	107.0				
47107-M086	0.5	24.6	0.5	6.8	4.1	1101.0	1.0
	0.2	0.9	1.9	18.0	12.0	110.0	2.0
	17.0	58.0	0.3	0.5	233.0	90.0	106.0
	9.0	0.3	2.5	21.0	11.0	5.0	414.0
	72.0	36.0	6.0	2.5	13.0	10.0	68.0
	0.5	21.0	116.0				
47107-M087	0.5	21.4	0.4	6.4	3.7	1009.0	0.9
	0.2	1.0	1.8	16.0	11.0	73.0	2.0
	15.0	57.0	0.3	0.5	243.0	71.0	95.0
	12.0	0.3	2.5	19.0	10.0	5.0	412.0
	71.0	35.0	6.0	2.5	12.0	10.0	61.0
	0.5	18.0	111.0				
47107-M088	0.5	26.6	0.5	6.8	4.1	1279.0	0.9
	0.2	1.0	1.9	17.0	15.0	139.0	2.0
	17.0	57.0	0.3	0.5	237.0	73.0	107.0
	9.0	0.3	2.5	21.0	5.0	5.0	405.0
	73.0	37.0	4.0	2.5	13.0	10.0	71.0
	3.0	20.0	117.0				
47107-M089	0.5	24.3	0.7	6.3	4.9	441.0	1.1
	0.2	1.1	1.7	11.0	10.0	102.0	3.0
	16.0	59.0	0.3	0.5	327.0	54.0	94.0
	11.0	0.3	2.5	20.0	14.0	5.0	321.0
	67.0	36.0	0.5	2.5	13.0	10.0	50.0
	0.5	16.0	94.0				
47107-M090	0.5	20.0	0.2	3.9	3.0	1327.0	0.9
	10.0	0.8	1.1	13.0	14.0	59.0	9.0
	15.0	42.0	0.3	0.5	149.0	33.0	55.0
	2.5	1.2	2.5	1.0	20.0	5.0	209.0
	2.5	24.0	8.0	2.5	8.0	10.0	469.0
	0.5	14.0	55.0				
47107-M091	0.5	17.7	0.3	5.6	3.9	1035.0	1.2
	2.2	1.1	1.6	18.0	12.0	85.0	4.0
	20.0	58.0	0.3	0.5	289.0	42.0	79.0
	2.5	0.3	2.5	17.0	18.0	5.0	280.0
	61.0	36.0	9.0	2.5	10.0	10.0	142.0
	2.0	14.0	77.0				
47107-M092	0.5	22.1	0.3	4.0	2.7	657.0	0.9
	10.0	0.7	1.2	14.0	8.0	66.0	3.0
	11.0	40.0	0.3	0.5	179.0	31.0	57.0
	2.5	1.4	2.5	26.0	10.0	5.0	203.0
	54.0	29.0	9.0	2.5	8.0	10.0	465.0
	5.0	14.0	63.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M093	0.5	29.3	0.3	4.6	3.1	668.0	1.0
	5.7	0.9	1.3	12.0	24.0	63.0	4.0
	13.0	45.0	0.3	0.5	197.0	35.0	65.0
	2.5	1.0	2.5	21.0	5.0	5.0	230.0
	57.0	27.0	9.0	2.5	9.0	10.0	278.0
	0.5	13.0	67.0				
47107-M094	0.5	22.2	0.3	4.2	2.7	528.0	0.9
	10.0	0.8	1.2	16.0	8.0	51.0	3.0
	11.0	41.0	0.3	1.0	187.0	32.0	58.0
	2.5	1.4	2.5	1.0	19.0	5.0	200.0
	2.5	26.0	9.0	2.5	9.0	10.0	761.0
	4.0	15.0	70.0				
47107-M095	0.5	26.7	0.3	3.5	3.1	540.0	0.9
	10.0	0.6	1.1	18.0	13.0	43.0	3.0
	14.0	39.0	0.3	0.5	134.0	27.0	62.0
	2.5	1.2	2.5	1.0	10.0	5.0	166.0
	2.5	23.0	8.0	2.5	8.0	10.0	751.0
	0.5	13.0	49.0				
47107-M096	0.5	21.8	0.2	4.3	2.8	1034.0	1.2
	10.0	0.9	1.3	19.0	10.0	51.0	1.0
	15.0	48.0	0.3	0.5	163.0	32.0	55.0
	2.5	1.4	2.5	1.0	5.0	5.0	202.0
	2.5	32.0	9.0	2.5	9.0	10.0	715.0
	3.0	16.0	62.0				
47107-M097	0.5	26.7	0.3	4.6	3.0	956.0	1.3
	7.7	0.8	1.5	14.0	11.0	67.0	2.0
	14.0	47.0	0.3	0.5	186.0	38.0	68.0
	2.5	1.4	2.5	23.0	16.0	5.0	253.0
	59.0	30.0	10.0	2.5	9.0	10.0	402.0
	3.0	15.0	73.0				
47107-M098	1.0	31.3	0.3	5.6	4.4	1442.0	1.3
	3.2	0.8	1.9	25.0	24.0	84.0	3.0
	26.0	51.0	0.3	0.5	179.0	45.0	83.0
	2.5	0.8	2.5	24.0	13.0	5.0	310.0
	78.0	39.0	10.0	2.5	10.0	10.0	170.0
	0.5	17.0	96.0				
47107-M099	0.5	25.8	0.5	5.8	4.2	997.0	0.6
	0.7	0.8	1.6	19.0	19.0	83.0	7.0
	15.0	51.0	0.3	1.0	243.0	72.0	95.0
	8.0	0.7	2.5	18.0	5.0	5.0	341.0
	61.0	34.0	4.0	2.5	12.0	10.0	97.0
	1.0	19.0	107.0				
47107-M100	0.5	25.8	0.3	5.4	4.2	1100.0	1.3
	5.3	0.9	1.7	29.0	23.0	67.0	5.0
	21.0	67.0	0.3	0.5	154.0	44.0	79.0
	2.5	0.3	2.5	1.0	5.0	5.0	282.0
	46.0	27.0	7.0	2.5	10.0	10.0	315.0
	1.0	13.0	77.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M101	0.5	25.9	0.4	6.3	4.6	1065.0	1.8
	1.5	1.1	2.0	34.0	28.0	94.0	4.0
	28.0	71.0	0.3	1.0	147.0	47.0	90.0
	2.5	0.3	2.5	18.0	5.0	5.0	321.0
	69.0	33.0	12.0	2.5	11.0	10.0	96.0
	6.0	14.0	95.0				
47107-M102	0.5	21.1	0.4	6.1	4.3	1023.0	1.7
	2.5	1.0	1.9	21.0	20.0	83.0	2.0
	21.0	74.0	0.6	0.5	185.0	47.0	90.0
	2.5	0.3	2.5	18.0	5.0	5.0	319.0
	64.0	33.0	14.0	2.5	11.0	10.0	156.0
	0.5	14.0	89.0				
47107-M103	0.5	28.0	0.3	5.0	3.3	958.0	1.4
	8.3	0.9	1.5	19.0	17.0	67.0	3.0
	18.0	59.0	0.3	0.5	128.0	37.0	69.0
	2.5	0.3	2.5	1.0	5.0	5.0	239.0
	11.0	25.0	12.0	2.5	9.0	10.0	396.0
	0.5	13.0	69.0				
47107-M104	0.5	34.0	0.3	5.4	3.6	906.0	1.5
	6.2	0.9	1.7	22.0	16.0	68.0	1.0
	20.0	59.0	0.3	0.5	122.0	42.0	76.0
	2.5	0.3	2.5	26.0	5.0	5.0	284.0
	79.0	28.0	7.0	2.5	10.0	10.0	386.0
	0.5	14.0	77.0				
47107-M105	0.5	21.9	0.3	4.3	3.0	601.0	1.0
	4.7	0.8	1.3	17.0	14.0	57.0	2.0
	15.0	49.0	0.3	0.5	202.0	33.0	59.0
	2.5	0.3	2.5	3.0	5.0	5.0	211.0
	41.0	21.0	5.0	2.5	8.0	20.0	261.0
	0.5	11.0	63.0				
47107-M106	0.5	31.5	0.4	6.0	4.0	690.0	1.2
	2.5	0.8	1.9	26.0	19.0	78.0	3.0
	19.0	63.0	0.7	0.5	140.0	46.0	87.0
	2.5	0.3	2.5	12.0	5.0	5.0	344.0
	76.0	32.0	7.0	2.5	12.0	10.0	159.0
	0.5	16.0	90.0				
47107-M107	0.5	20.5	0.6	5.6	4.1	322.0	1.0
	0.3	1.0	1.5	15.0	52.0	80.0	2.0
	14.0	53.0	0.3	0.5	258.0	47.0	99.0
	2.5	0.3	2.5	19.0	5.0	5.0	286.0
	67.0	31.0	8.0	2.5	11.0	10.0	62.0
	3.0	16.0	119.0				
47107-M108	2.0	28.6	1.4	5.2	7.3	696.0	0.9
	0.4	0.8	1.4	23.0	24.0	82.0	2.0
	24.0	66.0	0.3	0.5	391.0	49.0	135.0
	2.5	0.3	2.5	21.0	5.0	5.0	263.0
	75.0	33.0	6.0	2.5	12.0	10.0	68.0
	0.5	21.0	113.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M109	0.5	30.9	0.7	5.2	3.9	348.0	0.9
	0.3	1.0	1.3	11.0	11.0	68.0	2.0
	13.0	48.0	0.3	0.5	241.0	44.0	92.0
	2.5	0.3	2.5	17.0	5.0	5.0	261.0
	63.0	29.0	8.0	2.5	10.0	10.0	52.0
	0.5	16.0	113.0				
47107-M110	0.5	38.4	0.4	5.7	4.0	926.0	0.9
	3.0	0.8	1.7	17.0	20.0	98.0	7.0
	18.0	59.0	0.6	0.5	118.0	46.0	83.0
	2.5	0.3	2.5	16.0	5.0	5.0	320.0
	64.0	32.0	11.0	2.5	10.0	10.0	163.0
	0.5	15.0	99.0				
47107-M111	0.5	36.6	0.8	5.7	4.5	484.0	1.0
	0.2	1.0	1.5	13.0	19.0	76.0	2.0
	15.0	58.0	0.3	0.5	221.0	48.0	101.0
	2.5	0.3	2.5	19.0	5.0	5.0	296.0
	62.0	28.0	4.0	2.5	11.0	10.0	54.0
	0.5	15.0	104.0				
47107-M112	0.5	33.4	0.5	5.6	3.6	369.0	1.0
	0.2	1.0	1.5	13.0	14.0	72.0	1.0
	16.0	57.0	0.3	0.5	181.0	48.0	86.0
	2.5	0.3	2.5	19.0	5.0	5.0	287.0
	64.0	29.0	7.0	2.5	10.0	10.0	58.0
	4.0	14.0	97.0				
47107-M113	0.5	32.0	1.6	5.0	7.4	778.0	1.0
	0.2	0.9	1.3	9.0	29.0	76.0	2.0
	20.0	57.0	0.3	1.0	375.0	42.0	139.0
	2.5	0.3	6.0	21.0	5.0	5.0	257.0
	63.0	26.0	0.5	2.5	13.0	10.0	46.0
	0.5	19.0	87.0				
47107-M114	0.5	34.0	0.4	6.0	4.8	1145.0	1.1
	1.3	0.9	1.7	26.0	24.0	90.0	2.0
	26.0	64.0	0.8	0.5	198.0	47.0	93.0
	2.5	0.3	2.5	21.0	5.0	5.0	320.0
	96.0	45.0	10.0	2.5	11.0	10.0	146.0
	0.5	17.0	111.0				
47107-M115	0.5	30.0	0.5	6.0	3.7	313.0	1.1
	0.2	1.1	1.6	11.0	11.0	74.0	0.5
	14.0	50.0	0.3	0.5	207.0	52.0	89.0
	2.5	0.3	2.5	19.0	5.0	5.0	310.0
	65.0	29.0	7.0	2.5	11.0	10.0	58.0
	3.0	15.0	105.0				
47107-M116	0.5	18.7	0.3	4.7	3.3	789.0	1.4
	9.8	0.8	1.5	21.0	19.0	60.0	2.0
	17.0	54.0	0.3	0.5	148.0	37.0	68.0
	2.5	0.3	2.5	11.0	5.0	5.0	236.0
	48.0	25.0	7.0	2.5	9.0	10.0	582.0
	0.5	13.0	64.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M117	0.5	18.4	0.2	2.8	2.5	504.0	0.8
	10.0	0.4	0.9	16.0	26.0	45.0	0.5
	11.0	29.0	0.3	0.5	95.0	23.0	40.0
	2.5	0.3	2.5	1.0	5.0	5.0	138.0
	2.5	14.0	9.0	2.5	6.0	10.0	1206.0
	0.5	11.0	38.0				
47107-M118	0.5	20.2	0.3	3.3	3.2	519.0	0.9
	10.0	0.5	1.1	26.0	15.0	46.0	4.0
	15.0	41.0	0.3	0.5	104.0	28.0	53.0
	2.5	0.3	2.5	1.0	5.0	5.0	186.0
	2.5	16.0	11.0	2.5	7.0	10.0	810.0
	9.0	14.0	52.0				
47107-M119	0.5	15.4	0.4	6.8	4.5	1390.0	2.2
	4.1	0.6	2.3	41.0	26.0	103.0	4.0
	28.0	77.0	0.3	0.5	111.0	55.0	96.0
	2.5	0.3	2.5	9.0	5.0	5.0	367.0
	71.0	36.0	11.0	16.0	12.0	10.0	359.0
	7.0	15.0	86.0				
47107-M120	0.5	17.3	0.2	4.0	2.6	629.0	1.1
	10.0	0.6	1.3	19.0	13.0	49.0	2.0
	13.0	41.0	0.3	0.5	93.0	32.0	55.0
	2.5	0.3	2.5	1.0	5.0	5.0	198.0
	2.5	20.0	8.0	2.5	8.0	10.0	860.0
	0.5	13.0	50.0				
47107-M121	0.5	14.8	0.3	4.4	3.2	526.0	1.2
	10.0	0.6	1.4	22.0	18.0	58.0	3.0
	15.0	48.0	0.3	0.5	118.0	36.0	62.0
	9.0	0.3	2.5	1.0	5.0	5.0	235.0
	2.5	27.0	13.0	2.5	8.0	10.0	532.0
	4.0	13.0	65.0				
47107-M122	0.5	15.8	0.3	5.1	3.8	774.0	1.6
	8.8	0.6	1.7	29.0	54.0	74.0	2.0
	20.0	56.0	0.3	0.5	121.0	44.0	70.0
	2.5	0.3	2.5	15.0	5.0	5.0	259.0
	59.0	29.0	7.0	2.5	9.0	10.0	589.0
	1.0	14.0	68.0				
47107-M123	0.5	15.8	0.3	4.2	3.0	753.0	1.1
	10.0	0.7	1.3	18.0	17.0	55.0	2.0
	15.0	44.0	0.3	1.0	135.0	33.0	60.0
	2.5	0.3	2.5	1.0	5.0	5.0	212.0
	2.5	26.0	10.0	2.5	8.0	10.0	443.0
	3.0	14.0	66.0				
47107-M125	0.5	18.3	0.5	6.0	5.3	741.0	1.1
	0.4	0.7	1.8	22.0	24.0	82.0	2.0
	22.0	68.0	0.3	0.5	241.0	46.0	104.0
	2.5	0.3	6.0	19.0	5.0	5.0	329.0
	89.0	39.0	8.0	2.5	12.0	10.0	56.0
	0.5	16.0	121.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-M126	0.5 1.9 23.0 2.5 88.0 1.0	18.4 0.6 67.0 0.3 38.0 16.0	0.4 2.1 0.6 2.5 10.0 95.0	6.4 26.0 2.0 20.0 2.5	4.9 27.0 162.0 5.0 11.0	2824.0 139.0 55.0 5.0 10.0	0.8 2.0 99.0 410.0 128.0
47107-M127	0.5 1.9 20.0 2.5 87.0 0.5	14.8 0.7 61.0 0.3 40.0 17.0	0.4 2.0 0.5 2.5 10.0 120.0	6.2 20.0 0.5 21.0 2.5	4.5 21.0 212.0 5.0 11.0	1463.0 111.0 53.0 5.0 10.0	0.8 3.0 97.0 350.0 176.0
47107-M128	0.5 10.0 14.0 2.5 2.5 3.0	15.8 0.4 42.0 0.3 18.0 11.0	0.2 1.5 0.3 2.5 10.0 62.0	4.3 15.0 0.5 1.0 2.5	2.5 12.0 101.0 5.0 7.0	1283.0 59.0 40.0 5.0 10.0	0.6 0.5 62.0 240.0 353.0
47107-M129	0.5 1.5 27.0 2.5 98.0 0.5	21.0 0.7 59.0 0.3 41.0 17.0	0.4 1.9 0.3 2.5 11.0 105.0	6.1 28.0 1.0 19.0 2.5	5.9 35.0 173.0 5.0 11.0	3274.0 87.0 54.0 5.0 10.0	0.9 2.0 100.0 365.0 139.0
47107-M130	0.5 0.4 17.0 2.5 62.0 4.0	20.0 1.0 59.0 0.3 30.0 16.0	0.6 1.7 0.3 2.5 7.0 97.0	5.9 18.0 0.5 18.0 2.5	4.5 21.0 212.0 5.0 11.0	451.0 83.0 51.0 5.0 10.0	1.1 2.0 100.0 324.0 66.0
47107-M131	0.5 0.3 16.0 2.5 69.0 0.5	20.0 1.0 54.0 0.3 33.0 15.0	0.5 1.7 0.3 2.5 12.0 107.0	6.1 15.0 2.0 19.0 2.5	3.9 15.0 208.0 5.0 11.0	387.0 78.0 52.0 5.0 10.0	1.1 3.0 95.0 317.0 62.0
47107-M132	0.5 10.0 12.0 2.5 2.5 0.5	22.9 0.6 41.0 0.3 24.0 13.0	0.3 1.5 0.3 2.5 10.0 63.0	4.6 14.0 1.0 1.0 2.5	2.9 13.0 114.0 5.0 8.0	722.0 62.0 40.0 5.0 10.0	1.0 5.0 66.0 239.0 388.0
47107-M133	0.5 7.3 18.0 7.0 46.0 3.0	22.6 0.5 50.0 0.3 29.0 13.0	0.3 1.8 0.3 2.5 11.0 73.0	5.5 20.0 1.0 1.0 2.5	3.6 17.0 124.0 5.0 10.0	1148.0 78.0 47.0 5.0 10.0	1.2 2.0 80.0 305.0 300.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M134	0.5	14.2	0.4	6.6	5.3	1707.0	1.1
	1.0	0.7	2.2	25.0	29.0	96.0	1.0
	23.0	67.0	0.3	1.0	207.0	70.0	102.0
	2.5	0.3	2.5	21.0	5.0	5.0	376.0
	82.0	38.0	9.0	2.5	12.0	10.0	94.0
	0.5	17.0	103.0				
47107-M135	0.5	20.2	0.4	7.1	4.9	713.0	1.3
	1.5	0.6	2.4	34.0	15.0	104.0	2.0
	19.0	71.0	0.6	0.5	150.0	60.0	107.0
	2.5	0.3	2.5	23.0	5.0	5.0	429.0
	70.0	33.0	10.0	2.5	14.0	10.0	93.0
	0.5	15.0	92.0				
47107-M136	0.5	19.1	0.4	6.2	4.2	625.0	1.0
	1.1	1.0	1.8	20.0	18.0	74.0	1.0
	18.0	58.0	0.6	0.5	180.0	46.0	96.0
	2.5	0.3	2.5	15.0	5.0	5.0	320.0
	69.0	32.0	4.0	2.5	12.0	10.0	96.0
	0.5	18.0	106.0				
47107-M137	0.5	20.7	0.4	5.2	3.6	1413.0	1.1
	2.8	0.8	1.8	22.0	22.0	91.0	7.0
	19.0	56.0	0.8	1.0	146.0	42.0	82.0
	2.5	0.3	2.5	16.0	5.0	5.0	359.0
	62.0	34.0	13.0	2.5	10.0	10.0	150.0
	2.0	16.0	93.0				
47107-M138	0.5	21.5	0.5	5.6	4.8	1103.0	1.0
	0.5	0.9	1.6	22.0	24.0	71.0	3.0
	21.0	58.0	0.3	0.5	233.0	40.0	95.0
	2.5	0.3	2.5	18.0	5.0	5.0	298.0
	94.0	44.0	8.0	2.5	10.0	10.0	80.0
	0.5	16.0	102.0				
47107-M139	0.5	19.7	0.4	6.4	4.2	1459.0	1.3
	0.3	0.7	2.3	29.0	21.0	109.0	2.0
	23.0	50.0	0.3	0.5	192.0	51.0	102.0
	8.0	0.3	2.5	16.0	5.0	5.0	415.0
	86.0	40.0	10.0	2.5	11.0	10.0	59.0
	0.5	16.0	120.0				
47107-M140	0.5	17.3	0.4	5.9	3.8	489.0	1.1
	1.5	0.9	1.7	19.0	16.0	66.0	3.0
	16.0	48.0	0.7	0.5	175.0	49.0	92.0
	2.5	0.3	2.5	21.0	5.0	5.0	313.0
	81.0	38.0	13.0	2.5	10.0	10.0	88.0
	2.0	13.0	105.0				
47107-M141	109.0	14.7	0.4	6.0	3.7	722.0	1.0
	0.3	0.9	1.8	16.0	15.0	89.0	2.0
	14.0	47.0	0.5	0.5	221.0	45.0	93.0
	2.5	0.3	2.5	20.0	5.0	5.0	338.0
	71.0	33.0	9.0	2.5	11.0	10.0	60.0
	0.5	16.0	104.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M142	0.5	15.4	0.4	6.2	3.5	307.0	1.2
	0.2	1.0	1.8	11.0	6.0	82.0	0.5
	13.0	57.0	0.3	0.5	208.0	54.0	101.0
	2.5	0.3	2.5	21.0	5.0	5.0	343.0
	67.0	31.0	10.0	2.5	12.0	10.0	57.0
	0.5	14.0	111.0				
47107-M143	0.5	22.0	0.5	6.6	4.1	661.0	1.1
	0.3	1.1	1.9	17.0	13.0	85.0	1.0
	17.0	61.0	0.3	0.5	171.0	57.0	106.0
	2.5	0.3	2.5	22.0	5.0	5.0	377.0
	72.0	33.0	9.0	2.5	13.0	10.0	62.0
	0.5	17.0	118.0				
47107-M144	0.5	18.6	0.7	6.4	4.6	560.0	1.2
	0.2	1.0	1.9	16.0	17.0	85.0	2.0
	17.0	61.0	0.3	1.0	208.0	54.0	119.0
	2.5	0.3	5.0	22.0	5.0	5.0	358.0
	71.0	32.0	9.0	2.5	13.0	10.0	56.0
	3.0	16.0	122.0				
47107-M145	0.5	17.9	0.5	6.4	4.2	516.0	1.2
	0.1	0.9	1.9	19.0	14.0	72.0	1.0
	17.0	63.0	0.3	0.5	209.0	55.0	108.0
	2.5	0.3	2.5	21.0	5.0	5.0	358.0
	74.0	34.0	10.0	2.5	13.0	10.0	48.0
	3.0	15.0	118.0				
47107-M146	0.5	18.8	0.6	6.3	4.5	662.0	1.2
	0.2	1.0	1.9	21.0	17.0	82.0	2.0
	18.0	67.0	0.3	0.5	193.0	53.0	111.0
	2.5	0.3	2.5	22.0	5.0	5.0	351.0
	70.0	32.0	9.0	2.5	13.0	10.0	52.0
	0.5	16.0	115.0				
47107-M147	1.0	19.4	1.0	5.7	5.5	710.0	1.1
	0.3	1.0	1.8	18.0	23.0	86.0	5.0
	18.0	63.0	0.3	2.0	203.0	48.0	127.0
	2.5	0.3	2.5	22.0	5.0	5.0	337.0
	67.0	33.0	6.0	2.5	13.0	10.0	52.0
	0.5	17.0	120.0				
47107-M148	2.0	16.6	0.4	6.3	4.3	1169.0	0.8
	3.8	0.9	1.9	21.0	37.0	154.0	2.0
	19.0	61.0	0.3	0.5	158.0	53.0	87.0
	11.0	0.3	2.5	16.0	5.0	5.0	351.0
	74.0	34.0	7.0	5.0	10.0	10.0	234.0
	0.5	16.0	107.0				
47107-M149	0.5	18.0	0.4	6.2	3.7	464.0	1.0
	1.0	1.0	1.9	21.0	19.0	74.0	3.0
	15.0	56.0	0.3	0.5	164.0	50.0	94.0
	2.5	0.3	2.5	21.0	5.0	5.0	354.0
	65.0	32.0	9.0	2.5	12.0	10.0	105.0
	0.5	17.0	110.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M150	5.0	22.0	0.6	6.3	5.1	561.0	0.9
	1.8	0.9	1.7	28.0	26.0	75.0	2.0
	19.0	58.0	0.3	0.5	188.0	49.0	107.0
	14.0	0.3	2.5	21.0	5.0	5.0	319.0
	64.0	35.0	10.0	2.5	12.0	10.0	87.0
	0.5	19.0	116.0				
47107-M151	0.5	15.0	0.5	6.0	4.1	608.0	1.0
	1.2	1.0	1.7	15.0	14.0	77.0	3.0
	16.0	52.0	0.3	0.5	214.0	52.0	99.0
	2.5	0.3	2.5	21.0	5.0	5.0	323.0
	64.0	33.0	9.0	2.5	11.0	10.0	79.0
	3.0	16.0	109.0				
47107-M152	0.5	17.1	0.5	6.0	4.0	586.0	0.8
	0.4	1.1	1.6	20.0	21.0	78.0	2.0
	18.0	53.0	0.3	0.5	189.0	54.0	91.0
	8.0	0.3	2.5	14.0	5.0	5.0	312.0
	87.0	42.0	8.0	2.5	10.0	10.0	101.0
	0.5	16.0	114.0				
47107-M153	0.5	14.4	0.4	5.9	3.5	558.0	0.8
	0.3	1.0	1.6	16.0	17.0	79.0	2.0
	16.0	49.0	0.3	0.5	179.0	56.0	86.0
	2.5	0.3	2.5	18.0	5.0	5.0	310.0
	94.0	46.0	8.0	2.5	10.0	10.0	114.0
	5.0	15.0	109.0				
47107-M154	0.5	16.7	0.4	6.4	3.8	797.0	0.8
	0.3	1.1	1.8	18.0	13.0	83.0	0.5
	17.0	55.0	0.3	0.5	177.0	58.0	91.0
	2.5	0.3	2.5	20.0	5.0	5.0	343.0
	85.0	40.0	7.0	2.5	11.0	10.0	100.0
	5.0	16.0	112.0				
47107-M155	0.5	20.5	0.4	6.1	4.0	906.0	0.6
	0.4	0.9	1.8	19.0	14.0	77.0	0.5
	16.0	52.0	0.3	0.5	156.0	61.0	87.0
	7.0	0.3	2.5	20.0	5.0	5.0	365.0
	68.0	33.0	9.0	2.5	10.0	10.0	99.0
	0.5	14.0	110.0				
47107-M156	0.5	19.0	0.5	5.6	3.8	443.0	0.7
	0.3	1.0	1.7	18.0	18.0	88.0	5.0
	20.0	57.0	0.3	1.0	158.0	58.0	91.0
	9.0	0.3	2.5	20.0	5.0	5.0	324.0
	68.0	32.0	8.0	2.5	10.0	10.0	94.0
	8.0	14.0	109.0				
47107-M157	0.5	16.7	0.4	6.2	3.4	584.0	0.8
	0.3	1.1	1.6	14.0	15.0	74.0	0.5
	14.0	56.0	0.3	0.5	176.0	61.0	94.0
	2.5	0.3	2.5	19.0	5.0	5.0	390.0
	77.0	36.0	7.0	2.5	11.0	10.0	212.0
	0.5	15.0	125.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M158	0.5	14.6	0.6	6.2	3.9	527.0	1.0
	0.2	1.0	1.7	11.0	10.0	79.0	2.0
	14.0	53.0	0.3	0.5	216.0	52.0	104.0
	2.5	0.3	2.5	20.0	5.0	5.0	331.0
	66.0	31.0	8.0	2.5	12.0	10.0	57.0
	5.0	15.0	108.0				
47107-M159	0.5	13.8	0.4	6.3	3.5	418.0	1.0
	0.2	1.0	1.9	12.0	13.0	81.0	1.0
	14.0	54.0	0.3	1.0	204.0	54.0	97.0
	2.5	0.3	2.5	19.0	5.0	5.0	344.0
	64.0	31.0	7.0	2.5	11.0	10.0	60.0
	2.0	15.0	109.0				
47107-M160	0.5	21.0	0.5	6.5	3.7	1311.0	0.6
	0.3	0.9	1.8	19.0	19.0	139.0	0.5
	16.0	48.0	0.3	1.0	174.0	62.0	103.0
	15.0	0.3	2.5	21.0	5.0	5.0	385.0
	69.0	32.0	8.0	2.5	12.0	10.0	86.0
	6.0	17.0	125.0				
47107-M161	0.5	19.7	0.5	6.2	3.7	840.0	0.8
	0.2	0.9	1.9	16.0	14.0	94.0	0.5
	15.0	51.0	0.3	2.0	187.0	60.0	103.0
	2.5	0.3	2.5	20.0	5.0	5.0	364.0
	67.0	31.0	8.0	2.5	12.0	10.0	79.0
	5.0	16.0	118.0				
47107-M162	0.5	18.9	0.4	6.6	3.7	809.0	0.9
	0.3	0.9	1.9	15.0	14.0	90.0	1.0
	15.0	54.0	0.3	1.0	186.0	61.0	102.0
	2.5	0.3	2.5	21.0	5.0	10.0	380.0
	69.0	32.0	7.0	2.5	12.0	10.0	82.0
	2.0	16.0	115.0				
47107-M163	0.5	18.0	0.6	6.2	4.1	788.0	0.9
	0.3	0.9	1.8	14.0	15.0	81.0	0.5
	15.0	53.0	0.3	0.5	232.0	54.0	107.0
	2.5	0.3	2.5	20.0	5.0	5.0	359.0
	67.0	31.0	8.0	2.5	12.0	10.0	63.0
	0.5	16.0	116.0				
47107-M164	0.5	13.8	0.4	6.0	3.8	1085.0	0.8
	0.4	0.9	1.8	22.0	19.0	91.0	2.0
	18.0	52.0	1.4	0.5	222.0	58.0	91.0
	14.0	0.3	20.0	19.0	5.0	5.0	365.0
	73.0	34.0	8.0	2.5	10.0	10.0	90.0
	2.0	17.0	109.0				
47107-M165	0.5	17.7	0.4	6.5	3.7	1101.0	0.8
	0.3	1.0	1.8	15.0	21.0	100.0	2.0
	17.0	49.0	0.3	0.5	192.0	63.0	98.0
	2.5	0.3	2.5	20.0	5.0	5.0	379.0
	69.0	32.0	7.0	2.5	11.0	10.0	86.0
	2.0	16.0	114.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M166	0.5	14.1	0.5	5.8	3.6	873.0	0.7
	0.3	0.9	1.7	14.0	19.0	99.0	5.0
	15.0	48.0	0.3	0.5	188.0	61.0	98.0
	2.5	0.3	2.5	20.0	5.0	5.0	352.0
	64.0	30.0	8.0	2.5	11.0	10.0	86.0
	0.5	15.0	118.0				
47107-M167	0.5	21.0	0.4	6.3	3.6	425.0	1.0
	0.3	1.1	1.7	13.0	12.0	79.0	2.0
	14.0	53.0	0.3	0.5	167.0	54.0	94.0
	2.5	0.3	2.5	19.0	5.0	5.0	337.0
	65.0	31.0	7.0	2.5	11.0	10.0	66.0
	0.5	14.0	105.0				
47107-M168	0.5	13.8	0.4	6.0	4.5	1358.0	1.1
	1.0	0.6	1.9	22.0	25.0	96.0	2.0
	20.0	61.0	0.6	0.5	212.0	48.0	96.0
	2.5	0.3	2.5	21.0	5.0	5.0	308.0
	77.0	37.0	10.0	2.5	11.0	10.0	82.0
	0.5	16.0	104.0				
47107-M169	0.5	23.7	0.4	5.0	3.2	412.0	0.9
	5.6	0.8	1.5	17.0	12.0	58.0	3.0
	12.0	44.0	0.3	1.0	137.0	36.0	74.0
	2.5	0.3	2.5	7.0	5.0	5.0	262.0
	40.0	26.0	14.0	2.5	10.0	10.0	266.0
	4.0	15.0	82.0				
47107-M170	0.5	19.1	0.4	7.1	4.0	933.0	1.1
	0.2	1.0	2.1	18.0	16.0	116.0	3.0
	17.0	56.0	0.3	0.5	213.0	67.0	105.0
	2.5	0.7	2.5	20.0	5.0	5.0	386.0
	71.0	39.0	5.0	2.5	14.0	10.0	58.0
	1.0	18.0	126.0				
47107-M171	0.5	21.5	0.9	5.8	6.2	455.0	1.0
	0.2	1.1	1.6	14.0	16.0	76.0	0.5
	21.0	63.0	0.3	1.0	309.0	41.0	134.0
	2.5	0.3	2.5	20.0	17.0	5.0	304.0
	66.0	37.0	0.5	2.5	13.0	10.0	56.0
	0.5	15.0	88.0				
47107-M172	0.5	13.4	0.4	6.8	4.0	860.0	1.1
	0.2	1.0	2.0	17.0	12.0	106.0	2.0
	16.0	55.0	0.3	0.5	274.0	62.0	105.0
	2.5	0.9	2.5	20.0	11.0	5.0	369.0
	70.0	37.0	5.0	2.5	14.0	10.0	57.0
	0.5	17.0	118.0				
47107-M173	0.5	19.9	0.5	6.6	4.0	719.0	1.1
	0.2	1.0	1.9	15.0	15.0	119.0	2.0
	15.0	55.0	0.3	0.5	258.0	55.0	104.0
	24.0	0.8	2.5	20.0	13.0	5.0	355.0
	67.0	36.0	4.0	2.5	13.0	10.0	53.0
	1.0	17.0	115.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M174	0.5	14.6	0.8	5.8	4.6	409.0	1.0
	0.3	1.1	1.6	15.0	9.0	73.0	3.0
	15.0	55.0	0.3	0.5	400.0	41.0	109.0
	7.0	0.6	2.5	19.0	14.0	5.0	305.0
	62.0	35.0	2.0	2.5	12.0	10.0	59.0
	0.5	17.0	115.0				
47107-M175	0.5	17.9	0.5	6.7	4.2	795.0	1.1
	0.2	1.0	1.9	16.0	13.0	95.0	2.0
	18.0	60.0	0.3	0.5	241.0	66.0	103.0
	2.5	0.8	2.5	19.0	5.0	5.0	364.0
	68.0	36.0	5.0	2.5	13.0	10.0	56.0
	3.0	17.0	116.0				
47107-M176	0.5	15.6	0.6	6.3	4.6	389.0	1.1
	0.3	1.1	1.8	15.0	11.0	72.0	4.0
	18.0	62.0	0.3	0.5	344.0	45.0	106.0
	2.5	0.8	2.5	20.0	12.0	5.0	330.0
	67.0	36.0	2.0	2.5	13.0	10.0	58.0
	0.5	16.0	112.0				
47107-M177	0.5	13.4	0.4	6.9	4.0	524.0	1.1
	0.2	1.1	2.0	19.0	12.0	88.0	1.0
	16.0	59.0	0.3	0.5	261.0	58.0	102.0
	10.0	1.1	2.5	21.0	5.0	5.0	372.0
	68.0	36.0	5.0	2.5	14.0	10.0	54.0
	3.0	18.0	115.0				
47107-M178	1.0	16.6	0.4	7.1	4.0	649.0	1.2
	0.2	1.2	2.0	17.0	17.0	211.0	0.5
	17.0	61.0	0.3	0.5	234.0	53.0	107.0
	2.5	1.1	2.5	20.0	5.0	5.0	379.0
	71.0	38.0	7.0	2.5	14.0	10.0	70.0
	0.5	18.0	123.0				
47107-M179	0.5	16.1	0.4	6.8	3.8	686.0	1.1
	0.2	1.1	2.0	16.0	14.0	101.0	5.0
	16.0	58.0	0.3	1.0	225.0	55.0	102.0
	2.5	3.4	2.5	18.0	5.0	5.0	368.0
	67.0	34.0	6.0	2.5	13.0	10.0	59.0
	2.0	16.0	119.0				
47107-M180	0.5	20.3	0.6	6.5	4.6	672.0	1.0
	0.2	1.0	1.9	17.0	17.0	91.0	2.0
	17.0	63.0	0.3	0.5	239.0	58.0	110.0
	2.5	3.8	2.5	20.0	11.0	5.0	347.0
	68.0	35.0	4.0	2.5	13.0	10.0	55.0
	0.5	16.0	110.0				
47107-M181	0.5	24.9	0.4	6.4	3.5	524.0	1.0
	0.2	1.1	1.8	11.0	11.0	78.0	3.0
	14.0	53.0	0.3	0.5	222.0	54.0	94.0
	15.0	3.3	2.5	19.0	10.0	5.0	345.0
	68.0	34.0	4.0	2.5	12.0	10.0	65.0
	2.0	15.0	106.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M182	0.5	17.5	1.0	5.6	6.3	590.0	1.0
	0.3	1.0	1.6	15.0	16.0	70.0	2.0
	21.0	63.0	0.3	0.5	402.0	40.0	116.0
	2.5	4.4	2.5	20.0	12.0	5.0	297.0
	95.0	50.0	0.5	2.5	14.0	10.0	59.0
	1.0	18.0	89.0				
47107-M183	0.5	20.9	0.4	6.9	3.9	664.0	1.1
	0.2	1.1	2.0	16.0	17.0	91.0	3.0
	18.0	59.0	0.3	0.5	230.0	53.0	105.0
	6.0	3.6	2.5	20.0	10.0	5.0	376.0
	74.0	37.0	5.0	2.5	14.0	10.0	88.0
	5.0	16.0	119.0				
47107-M184	0.5	20.5	0.5	6.5	4.0	770.0	1.1
	0.2	0.9	1.9	16.0	16.0	98.0	0.5
	17.0	56.0	0.3	0.5	236.0	61.0	105.0
	2.5	3.8	2.5	19.0	5.0	5.0	356.0
	68.0	34.0	7.0	2.5	13.0	10.0	60.0
	0.5	17.0	118.0				
47107-M185	0.5	22.5	0.5	6.6	4.3	675.0	1.2
	0.1	0.9	1.9	17.0	19.0	82.0	1.0
	18.0	59.0	0.3	0.5	224.0	59.0	107.0
	16.0	4.0	2.5	19.0	15.0	5.0	351.0
	68.0	34.0	4.0	2.5	14.0	10.0	49.0
	0.5	16.0	111.0				
47107-M186	0.5	14.8	0.6	5.5	4.0	376.0	1.0
	0.2	0.9	1.5	11.0	13.0	66.0	4.0
	14.0	57.0	0.3	1.0	286.0	48.0	94.0
	2.5	3.7	2.5	17.0	5.0	5.0	286.0
	57.0	29.0	7.0	2.5	11.0	10.0	48.0
	2.0	16.0	120.0				
47107-M187	4.0	22.9	0.9	6.1	4.8	497.0	1.1
	0.2	0.9	1.7	18.0	17.0	71.0	1.0
	18.0	62.0	0.3	0.5	293.0	45.0	117.0
	29.0	4.4	2.5	19.0	15.0	5.0	313.0
	63.0	33.0	8.0	2.5	13.0	10.0	42.0
	3.0	18.0	126.0				
47107-M188	0.5	20.5	0.5	5.8	3.9	772.0	1.0
	0.2	0.9	1.6	15.0	15.0	66.0	2.0
	16.0	50.0	0.3	0.5	263.0	51.0	99.0
	12.0	3.8	2.5	17.0	15.0	5.0	310.0
	59.0	30.0	9.0	2.5	12.0	10.0	49.0
	3.0	16.0	107.0				
47107-M189	0.5	21.3	0.7	5.9	3.8	354.0	1.1
	0.2	0.9	1.6	8.0	7.0	67.0	1.0
	12.0	50.0	0.3	0.5	303.0	51.0	100.0
	17.0	3.8	2.5	18.0	10.0	5.0	301.0
	61.0	30.0	8.0	2.5	12.0	10.0	48.0
	7.0	17.0	113.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M190	0.5	18.5	0.4	6.0	3.3	965.0	0.8
	0.2	1.1	1.6	15.0	12.0	65.0	0.5
	16.0	56.0	0.3	0.5	253.0	68.0	89.0
	23.0	3.8	2.5	17.0	14.0	5.0	374.0
	62.0	31.0	7.0	2.5	11.0	10.0	72.0
	0.5	19.0	119.0				
47107-M191	0.5	17.9	0.4	5.9	3.3	637.0	0.8
	0.2	1.0	1.6	12.0	10.0	74.0	2.0
	14.0	49.0	0.3	0.5	275.0	71.0	89.0
	2.5	3.6	2.5	17.0	15.0	5.0	348.0
	59.0	30.0	7.0	2.5	11.0	10.0	62.0
	2.0	17.0	108.0				
47107-M192	0.5	22.2	0.4	5.9	3.2	604.0	0.7
	0.2	1.0	1.6	15.0	13.0	59.0	3.0
	14.0	52.0	0.3	0.5	244.0	59.0	88.0
	2.5	3.7	2.5	16.0	5.0	5.0	349.0
	58.0	29.0	9.0	2.5	11.0	10.0	67.0
	3.0	17.0	113.0				
47107-M193	0.5	20.6	0.4	6.2	3.5	642.0	1.0
	0.3	1.0	1.6	13.0	13.0	82.0	1.0
	15.0	58.0	0.3	0.5	225.0	92.0	95.0
	5.0	3.8	2.5	19.0	12.0	5.0	358.0
	68.0	34.0	7.0	2.5	11.0	10.0	201.0
	0.5	17.0	111.0				
47107-M194	0.5	20.0	0.4	6.3	3.3	741.0	0.8
	0.2	1.0	1.8	14.0	11.0	104.0	2.0
	14.0	51.0	0.3	0.5	243.0	83.0	94.0
	2.5	3.9	2.5	17.0	5.0	5.0	388.0
	61.0	32.0	6.0	2.5	12.0	10.0	71.0
	6.0	20.0	118.0				
47107-M195	0.5	18.4	0.4	6.1	3.4	511.0	0.9
	0.2	1.0	1.6	12.0	126.0	79.0	2.0
	14.0	53.0	0.3	0.5	255.0	71.0	90.0
	6.0	3.9	2.5	17.0	11.0	5.0	350.0
	59.0	30.0	7.0	2.5	11.0	10.0	76.0
	0.5	17.0	107.0				
47107-M196	0.5	20.6	0.5	5.9	3.4	826.0	0.9
	0.2	1.0	1.6	13.0	13.0	75.0	4.0
	14.0	51.0	0.3	0.5	239.0	82.0	89.0
	2.5	3.8	2.5	14.0	5.0	5.0	356.0
	57.0	30.0	5.0	2.5	11.0	10.0	76.0
	0.5	17.0	115.0				
47107-M197	0.5	21.9	0.4	5.8	2.8	133.0	1.0
	0.1	0.9	1.7	5.0	4.0	55.0	2.0
	10.0	48.0	0.3	0.5	221.0	47.0	84.0
	2.5	3.2	2.5	14.0	5.0	5.0	304.0
	54.0	29.0	6.0	2.5	10.0	10.0	45.0
	3.0	13.0	99.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M198	0.5	19.6	0.4	5.9	3.3	659.0	0.9
	0.1	0.8	1.7	13.0	12.0	71.0	3.0
	14.0	48.0	0.3	0.5	241.0	69.0	93.0
	6.0	3.8	2.5	15.0	12.0	5.0	325.0
	58.0	31.0	6.0	2.5	11.0	10.0	49.0
	0.5	17.0	119.0				
47107-M199	0.5	14.4	0.4	6.3	3.4	1192.0	0.7
	0.2	0.9	1.8	18.0	18.0	134.0	2.0
	16.0	51.0	0.3	0.5	232.0	70.0	97.0
	2.5	4.2	2.5	17.0	5.0	5.0	354.0
	61.0	32.0	7.0	2.5	11.0	10.0	70.0
	0.5	19.0	121.0				
47107-M200	0.5	18.3	0.3	5.2	2.8	182.0	0.7
	0.1	1.0	1.3	8.0	12.0	62.0	6.0
	11.0	43.0	0.3	0.5	296.0	48.0	68.0
	2.5	5.0	2.5	13.0	5.0	5.0	289.0
	50.0	25.0	6.0	2.5	8.0	10.0	56.0
	10.0	13.0	97.0				
47107-M201	0.5	21.3	0.4	6.5	3.6	777.0	0.9
	0.2	0.9	1.9	16.0	18.0	102.0	3.0
	15.0	57.0	0.3	0.5	211.0	67.0	93.0
	2.5	6.5	2.5	17.0	5.0	5.0	371.0
	65.0	32.0	7.0	2.5	12.0	10.0	66.0
	2.0	18.0	110.0				
47107-M202	0.5	14.8	0.4	6.6	4.4	1376.0	1.0
	0.3	0.9	2.0	31.0	26.0	79.0	2.0
	29.0	62.0	0.3	0.5	248.0	55.0	95.0
	5.0	7.7	2.5	17.0	5.0	5.0	419.0
	74.0	36.0	9.0	2.5	13.0	10.0	75.0
	2.0	19.0	114.0				
47107-M203	0.5	22.5	0.4	5.7	3.3	479.0	0.8
	0.3	1.0	1.6	12.0	10.0	70.0	1.0
	14.0	50.0	0.3	0.5	255.0	51.0	79.0
	11.0	6.0	8.0	15.0	5.0	5.0	300.0
	64.0	32.0	7.0	2.5	10.0	10.0	71.0
	5.0	16.0	105.0				
47107-M204	0.5	20.2	0.4	5.6	3.8	468.0	0.8
	1.6	0.9	1.6	16.0	14.0	66.0	2.0
	15.0	52.0	0.3	0.5	275.0	46.0	81.0
	7.0	6.9	2.5	18.0	5.0	5.0	277.0
	65.0	35.0	9.0	2.5	10.0	10.0	119.0
	0.5	17.0	105.0				
47107-M205	0.5	19.2	0.4	5.8	3.8	640.0	0.8
	2.5	0.9	1.7	17.0	14.0	73.0	3.0
	16.0	51.0	0.3	0.5	254.0	48.0	82.0
	2.5	7.2	2.5	17.0	5.0	5.0	288.0
	62.0	34.0	10.0	2.5	11.0	10.0	168.0
	2.0	17.0	95.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M206	0.5	21.4	0.4	5.7	3.6	487.0	0.8
	1.1	1.0	1.6	15.0	14.0	68.0	2.0
	15.0	50.0	0.3	0.5	264.0	47.0	80.0
	2.5	6.8	2.5	18.0	5.0	5.0	280.0
	70.0	35.0	9.0	2.5	10.0	10.0	104.0
	2.0	16.0	110.0				
47107-M207	0.5	28.8	0.4	6.1	3.8	659.0	0.8
	2.1	1.0	1.8	16.0	15.0	76.0	0.5
	15.0	52.0	0.3	0.5	204.0	52.0	83.0
	2.5	7.2	2.5	17.0	5.0	5.0	303.0
	64.0	34.0	10.0	2.5	11.0	10.0	164.0
	6.0	18.0	99.0				
47107-M208	0.5	23.9	0.4	6.1	4.1	873.0	0.8
	1.1	0.8	1.9	16.0	19.0	88.0	1.0
	17.0	50.0	0.3	0.5	223.0	52.0	88.0
	2.5	7.7	2.5	18.0	5.0	5.0	315.0
	74.0	35.0	10.0	2.5	11.0	10.0	96.0
	2.0	15.0	98.0				
47107-M209	0.5	22.5	0.4	6.9	4.2	906.0	0.9
	0.3	1.0	2.1	30.0	25.0	79.0	2.0
	24.0	66.0	0.3	0.5	205.0	61.0	99.0
	2.5	7.9	2.5	19.0	5.0	5.0	346.0
	71.0	35.0	9.0	2.5	12.0	10.0	85.0
	4.0	18.0	119.0				
47107-M210	0.5	16.2	0.4	6.7	3.6	622.0	0.7
	0.3	1.0	1.9	20.0	19.0	78.0	8.0
	16.0	60.0	0.3	0.5	235.0	64.0	93.0
	2.5	3.6	5.0	17.0	5.0	5.0	352.0
	66.0	35.0	7.0	2.5	11.0	10.0	87.0
	3.0	17.0	123.0				
47107-M211	0.5	16.4	0.4	6.8	4.1	608.0	0.7
	0.3	1.2	1.8	25.0	19.0	83.0	3.0
	19.0	56.0	0.3	0.5	235.0	58.0	91.0
	2.5	3.6	2.5	18.0	5.0	5.0	305.0
	67.0	36.0	7.0	2.5	12.0	10.0	110.0
	0.5	18.0	130.0				
47107-M212	0.5	11.7	0.4	6.6	3.8	730.0	0.8
	0.2	1.1	1.8	22.0	19.0	79.0	2.0
	18.0	57.0	0.3	0.5	262.0	56.0	89.0
	2.5	3.4	2.5	17.0	5.0	5.0	320.0
	66.0	36.0	8.0	2.5	11.0	10.0	97.0
	0.5	17.0	121.0				
47107-M213	0.5	17.2	0.5	6.7	4.1	538.0	1.0
	0.2	1.1	1.9	21.0	18.0	77.0	2.0
	18.0	61.0	0.3	0.5	249.0	55.0	95.0
	2.5	3.6	2.5	18.0	5.0	5.0	348.0
	67.0	36.0	7.0	2.5	13.0	10.0	72.0
	5.0	18.0	120.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M214	0.5	19.3	1.5	5.4	8.2	754.0	0.9
	0.2	1.0	1.5	14.0	18.0	76.0	3.0
	18.0	61.0	0.3	0.5	491.0	39.0	184.0
	2.5	5.5	2.5	21.0	10.0	5.0	295.0
	61.0	39.0	2.0	2.5	14.0	10.0	54.0
	0.5	20.0	147.0				
47107-M215	0.5	36.2	1.8	4.8	10.0	957.0	0.8
	0.3	0.8	1.3	15.0	27.0	78.0	3.0
	21.0	66.0	0.3	0.5	500.0	36.0	201.0
	12.0	6.7	2.5	22.0	13.0	5.0	250.0
	66.0	43.0	0.5	2.5	15.0	30.0	54.0
	2.0	22.0	147.0				
47107-M216	2.0	20.5	1.5	5.7	8.0	743.0	0.9
	0.3	1.0	1.6	16.0	18.0	77.0	3.0
	17.0	60.0	0.3	0.5	432.0	43.0	186.0
	2.5	5.7	2.5	22.0	10.0	5.0	309.0
	68.0	42.0	3.0	2.5	15.0	10.0	58.0
	0.5	20.0	146.0				
47107-M217	0.5	20.5	0.6	6.5	4.2	428.0	1.0
	0.2	1.2	1.9	17.0	12.0	70.0	1.0
	15.0	57.0	0.3	0.5	282.0	49.0	104.0
	2.5	3.8	2.5	18.0	5.0	5.0	350.0
	66.0	37.0	8.0	2.5	13.0	10.0	64.0
	0.5	17.0	135.0				
47107-M218	0.5	10.0	0.5	7.1	5.1	1516.0	2.2
	0.5	0.6	2.5	28.0	34.0	129.0	0.5
	27.0	102.0	0.3	0.5	256.0	65.0	113.0
	2.5	4.8	2.5	19.0	5.0	5.0	431.0
	73.0	39.0	11.0	2.5	13.0	10.0	93.0
	1.0	15.0	99.0				
47107-M219	0.5	12.0	0.4	7.0	4.8	1339.0	2.1
	0.6	0.6	2.4	28.0	23.0	127.0	8.0
	25.0	99.0	0.3	0.5	213.0	62.0	106.0
	2.5	4.4	2.5	21.0	5.0	5.0	400.0
	73.0	38.0	11.0	2.5	13.0	10.0	97.0
	2.0	15.0	98.0				
47107-M220	0.5	17.6	0.5	7.4	4.8	1537.0	2.2
	0.6	0.6	2.6	27.0	25.0	127.0	3.0
	26.0	101.0	0.3	0.5	188.0	64.0	113.0
	2.5	4.4	2.5	21.0	10.0	5.0	419.0
	76.0	40.0	11.0	2.5	14.0	10.0	92.0
	0.5	16.0	106.0				
47107-M221	0.5	16.2	0.5	7.2	4.5	1407.0	2.1
	0.6	0.6	2.5	24.0	19.0	114.0	1.0
	23.0	96.0	0.3	0.5	193.0	61.0	107.0
	2.5	4.2	2.5	20.0	5.0	5.0	400.0
	72.0	38.0	12.0	2.5	13.0	10.0	95.0
	0.5	15.0	101.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M222	0.5	22.3	0.5	7.2	4.6	1226.0	2.0
	0.3	0.6	2.5	26.0	22.0	119.0	2.0
	22.0	91.0	0.3	0.5	198.0	61.0	112.0
	2.5	4.3	2.5	20.0	5.0	5.0	398.0
	73.0	38.0	11.0	2.5	14.0	10.0	74.0
	0.5	17.0	102.0				
47107-M223	0.5	32.6	0.4	6.1	3.4	394.0	0.9
	1.7	0.9	1.8	19.0	16.0	69.0	2.0
	13.0	50.0	0.3	0.5	191.0	51.0	81.0
	2.5	3.6	2.5	19.0	5.0	5.0	309.0
	58.0	34.0	10.0	2.5	11.0	10.0	145.0
	3.0	16.0	97.0				
47107-M224	0.5	19.3	0.4	6.3	3.6	406.0	1.0
	1.7	1.0	1.9	20.0	13.0	70.0	3.0
	13.0	55.0	0.3	0.5	247.0	54.0	84.0
	2.5	3.7	2.5	20.0	14.0	5.0	315.0
	59.0	34.0	10.0	2.5	11.0	10.0	150.0
	1.0	17.0	106.0				
47107-M225	0.5	25.8	0.4	6.4	3.7	320.0	1.0
	0.2	1.1	1.8	18.0	11.0	103.0	0.5
	14.0	54.0	0.3	0.5	217.0	45.0	89.0
	2.5	3.3	2.5	17.0	5.0	5.0	337.0
	64.0	35.0	7.0	2.5	12.0	10.0	60.0
	0.5	17.0	116.0				
47107-M226	0.5	26.5	0.4	5.8	3.3	351.0	0.9
	1.2	0.9	1.7	17.0	7.0	66.0	0.5
	12.0	48.0	0.3	0.5	208.0	49.0	77.0
	2.5	3.3	2.5	19.0	5.0	5.0	289.0
	56.0	31.0	9.0	2.5	10.0	10.0	117.0
	0.5	15.0	93.0				
47107-M227	0.5	16.0	0.6	6.3	4.1	349.0	1.0
	0.2	1.1	1.8	17.0	9.0	79.0	0.5
	14.0	55.0	0.3	0.5	301.0	45.0	99.0
	2.5	3.6	2.5	18.0	5.0	5.0	337.0
	67.0	36.0	7.0	2.5	12.0	10.0	61.0
	3.0	18.0	122.0				
47107-M228	0.5	23.9	0.5	6.2	4.0	334.0	1.0
	0.2	1.1	1.8	17.0	40.0	88.0	2.0
	15.0	55.0	0.3	0.5	238.0	43.0	93.0
	2.5	3.5	2.5	19.0	5.0	5.0	327.0
	68.0	35.0	10.0	2.5	12.0	10.0	59.0
	5.0	17.0	120.0				
47107-M229	0.5	11.8	0.4	7.6	5.2	1127.0	2.1
	1.8	0.6	2.8	28.0	28.0	113.0	7.0
	26.0	89.0	0.3	0.5	212.0	73.0	112.0
	2.5	5.4	2.5	24.0	5.0	5.0	419.0
	80.0	45.0	14.0	2.5	13.0	10.0	191.0
	3.0	16.0	101.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M230	0.5	23.1	0.3	6.0	3.9	584.0	1.5
	5.5	0.6	2.0	26.0	19.0	79.0	3.0
	20.0	66.0	0.3	0.5	160.0	54.0	82.0
	2.5	4.4	2.5	10.0	5.0	5.0	322.0
	37.0	34.0	12.0	2.5	11.0	10.0	433.0
	0.5	14.0	80.0				
47107-M231	0.5	15.8	0.4	6.7	3.9	963.0	2.0
	5.0	0.6	2.4	23.0	21.0	75.0	2.0
	20.0	64.0	0.3	0.5	148.0	54.0	90.0
	2.5	4.7	2.5	13.0	5.0	5.0	340.0
	48.0	37.0	14.0	2.5	11.0	10.0	409.0
	3.0	14.0	82.0				
47107-M232	0.5	15.4	0.3	6.2	3.6	673.0	1.7
	5.5	0.6	2.1	20.0	17.0	76.0	3.0
	16.0	67.0	0.3	0.5	166.0	53.0	84.0
	2.5	4.5	2.5	9.0	17.0	5.0	307.0
	38.0	34.0	13.0	2.5	11.0	10.0	433.0
	0.5	14.0	78.0				
47107-M233	0.5	13.0	0.3	6.3	3.6	639.0	1.7
	5.8	0.6	2.2	24.0	13.0	75.0	0.5
	15.0	68.0	0.3	0.5	171.0	55.0	84.0
	2.5	4.7	2.5	9.0	5.0	5.0	310.0
	35.0	34.0	14.0	2.5	11.0	10.0	455.0
	2.0	14.0	79.0				
47107-M234	0.5	27.9	0.4	6.3	3.6	307.0	1.7
	4.5	0.6	2.2	16.0	15.0	74.0	2.0
	14.0	65.0	0.3	0.5	135.0	55.0	85.0
	2.5	4.1	2.5	13.0	14.0	5.0	308.0
	41.0	34.0	13.0	2.5	10.0	10.0	374.0
	6.0	13.0	82.0				
47107-M235	0.5	15.0	0.5	7.3	5.8	1183.0	1.8
	1.5	0.6	2.5	41.0	37.0	111.0	3.0
	35.0	93.0	0.3	0.5	214.0	72.0	109.0
	10.0	5.1	2.5	23.0	5.0	5.0	399.0
	78.0	45.0	15.0	2.5	13.0	10.0	164.0
	5.0	16.0	105.0				
47107-M236	0.5	22.3	0.4	5.4	5.0	593.0	1.5
	6.5	0.5	1.8	31.0	26.0	74.0	3.0
	22.0	70.0	0.3	0.5	154.0	48.0	86.0
	8.0	17.2	2.5	5.0	5.0	5.0	295.0
	25.0	29.0	11.0	2.5	10.0	10.0	490.0
	0.5	14.0	73.0				
47107-M237	0.5	27.0	0.3	5.5	3.3	529.0	1.5
	7.6	0.6	1.8	19.0	17.0	66.0	3.0
	15.0	59.0	0.3	0.5	123.0	46.0	73.0
	2.5	12.4	2.5	1.0	5.0	5.0	265.0
	15.0	27.0	11.0	2.5	10.0	10.0	554.0
	0.5	14.0	72.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M238	0.5	29.6	0.5	4.9	4.6	601.0	1.4
	8.7	0.5	1.6	23.0	23.0	65.0	3.0
	19.0	64.0	0.3	0.5	176.0	41.0	83.0
	2.5	16.6	2.5	1.0	5.0	5.0	244.0
	2.5	27.0	10.0	2.5	10.0	10.0	630.0
	0.5	15.0	67.0				
47107-M239	0.5	31.6	0.4	5.8	4.0	601.0	1.6
	3.5	0.6	1.9	23.0	24.0	79.0	3.0
	19.0	74.0	0.3	0.5	163.0	48.0	88.0
	2.5	14.3	2.5	16.0	5.0	5.0	316.0
	47.0	29.0	11.0	2.5	12.0	10.0	291.0
	0.5	15.0	87.0				
47107-M240	0.5	15.7	0.5	6.0	3.8	368.0	1.0
	0.1	0.8	1.7	17.0	17.0	69.0	0.5
	15.0	55.0	0.3	0.5	272.0	48.0	94.0
	7.0	13.0	2.5	17.0	5.0	5.0	325.0
	60.0	29.0	7.0	2.5	12.0	10.0	40.0
	4.0	16.0	113.0				
47107-M241	0.5	16.8	0.4	6.4	3.8	427.0	1.1
	0.1	0.8	1.8	19.0	15.0	70.0	2.0
	15.0	58.0	0.3	0.5	233.0	52.0	96.0
	2.5	13.1	2.5	17.0	11.0	5.0	338.0
	66.0	31.0	7.0	2.5	13.0	10.0	43.0
	0.5	17.0	122.0				
47107-M242	0.5	17.0	0.5	6.0	4.2	611.0	1.0
	0.1	0.8	1.7	15.0	19.0	78.0	1.0
	17.0	57.0	0.3	0.5	271.0	56.0	99.0
	2.5	14.3	2.5	18.0	5.0	5.0	322.0
	63.0	30.0	5.0	2.5	12.0	10.0	46.0
	2.0	16.0	110.0				
47107-M243	0.5	11.5	0.5	6.1	3.8	406.0	1.0
	0.2	0.9	1.7	15.0	17.0	78.0	0.5
	15.0	54.0	0.3	0.5	329.0	53.0	92.0
	15.0	13.2	2.5	16.0	10.0	5.0	334.0
	63.0	30.0	5.0	2.5	12.0	10.0	51.0
	0.5	16.0	117.0				
47107-M244	0.5	15.3	0.5	6.1	3.5	264.0	1.0
	0.2	0.9	1.7	12.0	17.0	73.0	0.5
	13.0	50.0	0.3	0.5	300.0	51.0	90.0
	10.0	12.0	2.5	17.0	12.0	5.0	324.0
	65.0	31.0	6.0	2.5	12.0	10.0	50.0
	0.5	15.0	114.0				
47107-M245	0.5	25.5	0.5	6.4	3.8	490.0	1.0
	0.2	1.0	1.8	14.0	15.0	85.0	0.5
	14.0	53.0	0.3	0.5	222.0	59.0	98.0
	6.0	13.3	2.5	18.0	5.0	5.0	346.0
	66.0	32.0	6.0	2.5	13.0	10.0	55.0
	0.5	17.0	117.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M246	0.5	13.7	0.4	6.2	3.6	291.0	1.0
	0.2	1.0	1.7	14.0	14.0	80.0	3.0
	13.0	53.0	0.3	0.5	267.0	59.0	78.0
	27.0	12.7	2.5	15.0	5.0	5.0	336.0
	61.0	30.0	4.0	2.5	12.0	10.0	55.0
	0.5	16.0	113.0				
47107-M247	0.5	12.1	0.4	6.8	4.0	853.0	0.9
	0.2	1.1	1.9	23.0	19.0	81.0	4.0
	19.0	62.0	0.3	0.5	251.0	56.0	95.0
	10.0	14.1	2.5	18.0	5.0	5.0	346.0
	69.0	33.0	7.0	2.5	12.0	10.0	83.0
	0.5	18.0	121.0				
47107-M248	0.5	15.6	0.7	4.6	3.7	383.0	0.8
	0.2	0.8	1.3	11.0	12.0	53.0	0.5
	12.0	46.0	0.3	0.5	440.0	40.0	83.0
	2.5	12.9	2.5	14.0	5.0	5.0	263.0
	50.0	25.0	4.0	2.5	10.0	10.0	45.0
	3.0	14.0	101.0				
47107-M249	0.5	19.4	0.6	4.8	3.8	490.0	1.1
	0.7	0.8	1.5	14.0	15.0	50.0	1.0
	14.0	52.0	0.3	0.5	356.0	37.0	85.0
	2.5	13.1	2.5	15.0	5.0	5.0	339.0
	78.0	38.0	6.0	2.5	11.0	10.0	156.0
	0.5	15.0	120.0				
47107-M250	0.5	15.8	0.6	6.1	4.0	430.0	1.1
	0.2	0.9	1.8	21.0	12.0	66.0	2.0
	16.0	60.0	0.3	0.5	292.0	43.0	105.0
	2.5	4.6	2.5	16.0	5.0	5.0	322.0
	64.0	34.0	7.0	2.5	13.0	10.0	44.0
	0.5	17.0	138.0				
47107-M251	0.5	17.4	1.2	4.5	4.4	501.0	0.9
	0.3	0.8	1.3	9.0	13.0	53.0	1.0
	12.0	42.0	0.3	0.5	463.0	38.0	110.0
	2.5	4.5	2.5	16.0	5.0	5.0	249.0
	48.0	28.0	7.0	2.5	11.0	10.0	52.0
	0.5	19.0	133.0				
47107-M252	0.5	24.8	1.1	4.1	4.5	494.0	0.7
	0.2	0.7	1.2	10.0	11.0	53.0	3.0
	12.0	43.0	0.3	0.5	444.0	32.0	104.0
	8.0	4.5	2.5	15.0	14.0	5.0	236.0
	48.0	26.0	8.0	2.5	10.0	10.0	38.0
	0.5	15.0	143.0				
47107-M253	0.5	21.0	0.8	4.9	4.4	387.0	0.9
	0.1	0.7	1.4	19.0	14.0	57.0	0.5
	13.0	51.0	0.3	0.5	368.0	39.0	106.0
	2.5	4.4	2.5	16.0	5.0	5.0	269.0
	51.0	28.0	5.0	2.5	11.0	10.0	37.0
	0.5	14.0	119.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-M254	0.5 0.2 13.0 2.5 55.0 1.0	12.5 0.6 49.0 5.7 31.0 17.0	1.5 1.3 0.3 2.5 8.0 146.0	4.5 15.0 0.5 18.0 2.5	6.2 16.0 563.0 5.0 12.0	680.0 66.0 32.0 5.0 10.0	0.8 3.0 138.0 250.0 34.0
47107-M255	0.5 0.2 13.0 11.0 55.0 8.0	30.3 0.9 56.0 4.2 31.0 14.0	0.5 1.7 0.3 2.5 6.0 113.0	5.7 16.0 0.5 14.0 2.5	3.4 12.0 209.0 5.0 12.0	350.0 61.0 47.0 5.0 10.0	1.0 3.0 90.0 335.0 60.0
47107-M256	0.5 0.1 15.0 10.0 59.0 0.5	19.7 0.8 60.0 4.2 32.0 16.0	0.5 1.8 0.3 2.5 7.0 120.0	6.1 20.0 0.5 16.0 2.5	3.7 17.0 211.0 13.0 12.0	360.0 70.0 43.0 5.0 10.0	1.0 2.0 94.0 329.0 36.0
47107-M257	0.5 0.1 14.0 18.0 56.0 0.5	25.3 0.0 54.0 4.3 30.0 12.0	0.3 1.6 0.3 2.5 0.5 87.0	4.7 17.0 0.5 13.0 2.5	3.8 16.0 208.0 5.0 11.0	398.0 65.0 47.0 5.0 10.0	1.0 0.5 96.0 293.0 29.0
47107-M258	0.5 0.1 13.0 2.5 62.0 0.5	22.0 1.0 50.0 4.2 33.0 17.0	0.5 1.8 0.3 2.5 6.0 123.0	6.2 14.0 0.5 16.0 2.5	3.4 14.0 217.0 15.0 12.0	476.0 71.0 53.0 5.0 10.0	0.9 0.5 97.0 336.0 51.0
47107-M259	0.5 0.2 12.0 2.5 50.0 0.5	23.7 0.8 48.0 4.0 28.0 15.0	0.6 1.5 0.3 2.5 5.0 101.0	5.0 13.0 0.5 12.0 2.5	3.3 11.0 304.0 5.0 10.0	323.0 58.0 39.0 5.0 10.0	0.9 2.0 86.0 275.0 45.0
47107-M260	0.5 0.2 12.0 2.5 52.0 0.5	18.3 0.9 49.0 4.2 29.0 15.0	0.5 1.6 0.3 2.5 6.0 113.0	5.4 14.0 0.5 14.0 2.5	3.4 12.0 301.0 5.0 11.0	334.0 63.0 42.0 5.0 10.0	0.9 1.0 88.0 292.0 48.0
47107-M261	0.5 0.2 12.0 2.5 59.0 0.5	23.5 1.0 51.0 4.2 32.0 16.0	0.4 1.7 0.3 2.5 6.0 109.0	5.9 12.0 0.5 15.0 2.5	3.2 10.0 218.0 5.0 12.0	470.0 72.0 49.0 5.0 10.0	0.9 0.5 92.0 345.0 56.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M262	0.5	14.3	0.4	5.6	3.3	464.0	0.9
	0.1	0.8	1.6	13.0	14.0	67.0	0.5
	12.0	51.0	0.3	0.5	283.0	56.0	87.0
	2.5	4.2	2.5	15.0	12.0	5.0	311.0
	55.0	29.0	6.0	2.5	11.0	10.0	45.0
	0.5	15.0	105.0				
47107-M263	0.5	24.9	0.4	5.6	3.3	473.0	0.9
	0.2	0.8	1.6	13.0	15.0	66.0	2.0
	13.0	50.0	0.3	0.5	230.0	55.0	89.0
	2.5	4.2	2.5	15.0	11.0	5.0	309.0
	55.0	30.0	6.0	2.5	11.0	10.0	44.0
	0.5	15.0	101.0				
47107-M264	0.5	22.6	0.4	5.4	3.0	249.0	0.9
	0.1	0.7	1.6	13.0	12.0	52.0	1.0
	12.0	48.0	0.3	0.5	241.0	45.0	83.0
	2.5	4.0	2.5	13.0	5.0	5.0	299.0
	51.0	28.0	5.0	2.5	11.0	10.0	37.0
	3.0	14.0	103.0				
47107-M265	0.5	26.6	0.4	5.4	3.2	452.0	0.9
	0.1	0.8	1.6	14.0	13.0	68.0	5.0
	12.0	52.0	0.3	0.5	281.0	55.0	84.0
	2.5	4.2	2.5	14.0	5.0	5.0	307.0
	53.0	30.0	5.0	2.5	11.0	10.0	44.0
	0.5	13.0	102.0				
47107-M266	0.5	30.0	0.4	6.2	3.5	830.0	1.0
	0.1	0.8	1.8	16.0	18.0	64.0	2.0
	15.0	58.0	0.3	0.5	192.0	58.0	95.0
	8.0	4.6	2.5	15.0	12.0	5.0	341.0
	59.0	32.0	6.0	2.5	12.0	10.0	42.0
	4.0	16.0	110.0				
47107-M267	0.5	26.4	0.5	5.1	3.1	260.0	0.9
	0.2	0.8	1.5	9.0	8.0	60.0	2.0
	10.0	45.0	0.3	0.5	252.0	45.0	85.0
	2.5	4.2	2.5	14.0	5.0	5.0	283.0
	49.0	27.0	5.0	2.5	10.0	10.0	44.0
	1.0	13.0	102.0				
47107-M268	0.5	30.8	0.5	5.1	3.5	452.0	0.9
	0.2	0.7	1.5	14.0	15.0	52.0	0.5
	13.0	46.0	0.3	0.5	253.0	44.0	90.0
	2.5	4.6	2.5	14.0	5.0	5.0	299.0
	51.0	28.0	5.0	2.5	11.0	10.0	46.0
	0.5	14.0	96.0				
47107-M269	0.5	26.7	0.6	4.4	3.3	319.0	0.8
	0.1	0.7	1.3	13.0	9.0	55.0	0.5
	11.0	42.0	0.3	0.5	291.0	32.0	87.0
	2.5	4.3	2.5	13.0	5.0	5.0	257.0
	45.0	25.0	4.0	2.5	9.0	10.0	36.0
	2.0	13.0	103.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M270	0.5	56.7	0.4	5.7	3.4	329.0	1.0
	0.1	0.8	1.8	16.0	14.0	66.0	2.0
	14.0	55.0	0.3	0.5	170.0	40.0	86.0
	25.0	12.3	2.5	16.0	5.0	5.0	325.0
	58.0	29.0	7.0	2.5	11.0	10.0	39.0
	0.5	15.0	102.0				
47107-M271	0.5	33.4	0.4	6.3	3.6	335.0	1.1
	0.1	1.0	1.9	18.0	13.0	66.0	0.5
	15.0	61.0	0.3	0.5	213.0	42.0	94.0
	52.0	13.1	2.5	18.0	5.0	5.0	338.0
	67.0	33.0	8.0	2.5	12.0	10.0	40.0
	1.0	18.0	155.0				
47107-M272	0.5	45.3	0.5	6.0	3.9	376.0	1.1
	0.1	0.9	1.8	17.0	13.0	70.0	0.5
	15.0	59.0	0.3	0.5	213.0	41.0	95.0
	37.0	14.0	2.5	18.0	5.0	5.0	344.0
	59.0	30.0	10.0	2.5	12.0	10.0	42.0
	0.5	16.0	117.0				
47107-M273	0.5	34.2	0.4	6.7	3.8	374.0	1.2
	0.1	1.0	2.0	17.0	18.0	79.0	0.5
	16.0	63.0	0.3	0.5	207.0	46.0	100.0
	27.0	13.8	2.5	19.0	5.0	5.0	355.0
	68.0	32.0	10.0	2.5	13.0	10.0	45.0
	0.5	18.0	126.0				
47107-M274	0.5	38.0	0.6	5.8	4.0	389.0	1.1
	0.1	0.8	1.8	16.0	16.0	70.0	0.5
	15.0	59.0	0.3	0.5	252.0	40.0	105.0
	23.0	10.3	2.5	18.0	5.0	5.0	331.0
	63.0	31.0	7.0	2.5	12.0	25.0	41.0
	5.0	16.0	118.0				
47107-M275	0.5	28.8	0.4	6.4	3.8	365.0	1.1
	0.1	1.0	1.8	18.0	12.0	74.0	7.0
	15.0	58.0	0.3	0.5	231.0	43.0	97.0
	43.0	6.1	2.5	20.0	5.0	5.0	338.0
	65.0	36.0	8.0	2.5	13.0	10.0	45.0
	0.5	17.0	123.0				
47107-M276	0.5	54.7	0.5	6.1	3.9	372.0	1.1
	0.1	0.9	1.8	17.0	12.0	104.0	1.0
	15.0	58.0	0.3	0.5	191.0	40.0	91.0
	6.0	6.0	2.5	17.0	5.0	5.0	336.0
	61.0	35.0	7.0	2.5	12.0	10.0	40.0
	0.5	16.0	110.0				
47107-M277	0.5	38.6	0.5	6.9	4.1	468.0	1.2
	0.1	1.0	2.0	17.0	16.0	86.0	1.0
	17.0	63.0	0.3	0.5	190.0	49.0	102.0
	13.0	6.6	2.5	21.0	5.0	5.0	362.0
	69.0	38.0	10.0	2.5	14.0	10.0	48.0
	0.5	18.0	127.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M278	0.5	30.6	0.5	6.4	4.0	421.0	1.1
	0.1	1.0	1.8	16.0	11.0	80.0	0.5
	16.0	58.0	0.3	0.5	208.0	47.0	96.0
	27.0	6.1	2.5	18.0	5.0	5.0	339.0
	67.0	37.0	8.0	2.5	13.0	10.0	47.0
	0.5	17.0	122.0				
47107-M279	0.5	36.4	0.5	6.2	4.0	559.0	1.1
	0.2	0.8	1.8	16.0	15.0	72.0	0.5
	15.0	54.0	0.3	0.5	210.0	49.0	94.0
	15.0	6.1	2.5	20.0	5.0	5.0	347.0
	63.0	36.0	11.0	2.5	12.0	10.0	50.0
	0.5	18.0	117.0				
47107-M280	0.5	30.1	0.4	6.2	3.4	318.0	1.0
	0.2	1.1	1.7	12.0	11.0	76.0	5.0
	14.0	54.0	0.3	0.5	197.0	48.0	86.0
	24.0	5.5	2.5	17.0	5.0	5.0	309.0
	62.0	36.0	11.0	2.5	11.0	10.0	53.0
	0.5	15.0	109.0				
47107-M281	0.5	35.3	0.4	6.6	3.4	316.0	1.1
	0.2	1.1	1.8	11.0	11.0	80.0	1.0
	13.0	55.0	0.3	1.0	187.0	50.0	91.0
	24.0	5.7	2.5	19.0	5.0	5.0	326.0
	63.0	36.0	10.0	2.5	11.0	10.0	54.0
	3.0	15.0	117.0				
47107-M282	3.0	27.7	0.4	6.4	3.4	280.0	1.0
	0.1	1.1	1.7	10.0	10.0	75.0	0.5
	13.0	56.0	0.3	0.5	208.0	49.0	87.0
	24.0	5.3	2.5	19.0	5.0	5.0	311.0
	65.0	36.0	8.0	2.5	11.0	10.0	52.0
	1.0	15.0	114.0				
47107-M283	0.5	34.8	0.4	6.6	4.8	1320.0	1.0
	0.7	0.9	1.9	26.0	23.0	91.0	2.0
	22.0	71.0	0.6	0.5	177.0	57.0	97.0
	52.0	7.2	2.5	22.0	10.0	5.0	340.0
	79.0	43.0	14.0	2.5	12.0	10.0	82.0
	3.0	19.0	119.0				
47107-M284	0.5	39.1	0.5	6.7	3.9	856.0	1.1
	0.2	0.9	2.0	22.0	19.0	111.0	1.0
	19.0	59.0	0.3	0.5	166.0	69.0	97.0
	52.0	6.1	2.5	21.0	5.0	13.0	375.0
	71.0	39.0	11.0	2.5	12.0	20.0	63.0
	0.5	20.0	129.0				
47107-M285	0.5	38.3	0.5	7.1	3.7	508.0	1.0
	0.2	1.0	2.0	19.0	11.0	78.0	1.0
	16.0	62.0	0.3	0.5	183.0	60.0	101.0
	40.0	6.1	2.5	21.0	5.0	5.0	363.0
	70.0	39.0	14.0	2.5	13.0	10.0	64.0
	0.5	22.0	138.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M286	0.5	20.3	0.5	6.5	3.6	1133.0	0.9
	0.2	0.9	1.8	17.0	14.0	125.0	0.5
	17.0	53.0	0.3	0.5	209.0	64.0	95.0
	23.0	5.9	2.5	20.0	5.0	5.0	353.0
	65.0	36.0	13.0	2.5	11.0	10.0	66.0
	2.0	18.0	126.0				
47107-M287	0.5	42.9	0.4	6.7	4.0	669.0	0.9
	0.8	1.0	2.0	27.0	25.0	78.0	0.5
	18.0	63.0	0.6	0.5	171.0	51.0	97.0
	41.0	6.6	2.5	22.0	5.0	5.0	332.0
	72.0	41.0	9.0	2.5	13.0	10.0	82.0
	4.0	22.0	126.0				
47107-M288	0.5	21.3	0.8	6.4	4.1	315.0	1.1
	0.1	1.0	1.8	7.0	6.0	70.0	0.5
	13.0	58.0	0.3	0.5	293.0	50.0	99.0
	24.0	6.3	2.5	20.0	5.0	5.0	320.0
	63.0	36.0	10.0	2.5	12.0	10.0	45.0
	1.0	16.0	125.0				
47107-M289	0.5	38.0	0.6	6.4	3.9	341.0	1.1
	0.1	0.9	1.8	10.0	10.0	70.0	3.0
	13.0	55.0	0.3	0.5	193.0	53.0	100.0
	23.0	5.9	2.5	19.0	5.0	5.0	328.0
	63.0	37.0	9.0	2.5	12.0	10.0	43.0
	3.0	15.0	116.0				
47107-M290	0.5	22.3	0.4	6.6	3.8	435.0	1.1
	0.2	1.1	1.8	13.0	15.0	86.0	2.0
	15.0	57.0	0.3	0.5	203.0	54.0	93.0
	37.0	6.0	2.5	18.0	5.0	5.0	342.0
	65.0	36.0	7.0	2.5	11.0	10.0	57.0
	0.5	17.0	116.0				
47107-M291	0.5	23.0	0.4	6.8	3.7	437.0	1.1
	0.2	1.1	1.9	13.0	10.0	88.0	0.5
	15.0	56.0	0.3	0.5	195.0	55.0	94.0
	27.0	5.7	2.5	19.0	5.0	5.0	350.0
	64.0	36.0	8.0	2.5	11.0	10.0	59.0
	0.5	18.0	117.0				
47107-M292	0.5	28.8	0.5	7.2	4.0	1070.0	1.0
	0.2	1.0	2.0	18.0	18.0	118.0	0.5
	19.0	61.0	0.3	0.5	225.0	72.0	104.0
	30.0	6.5	2.5	21.0	5.0	5.0	397.0
	72.0	40.0	8.0	2.5	13.0	24.0	76.0
	0.5	21.0	140.0				
47107-M293	0.5	17.3	0.5	6.5	3.7	1156.0	0.9
	0.2	1.0	1.8	16.0	15.0	120.0	0.5
	17.0	53.0	0.3	0.5	271.0	70.0	95.0
	51.0	5.8	2.5	19.0	5.0	5.0	371.0
	67.0	36.0	8.0	2.5	11.0	10.0	73.0
	0.5	19.0	129.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M294	0.5	18.0	0.5	6.6	3.7	1068.0	0.9
	0.2	1.0	1.9	17.0	15.0	108.0	0.5
	17.0	53.0	0.3	0.5	230.0	60.0	96.0
	24.0	5.9	2.5	20.0	5.0	5.0	369.0
	65.0	37.0	8.0	2.5	11.0	10.0	71.0
	0.5	18.0	127.0				
47107-M295	0.5	25.6	0.4	6.6	3.6	1137.0	0.9
	0.3	0.9	1.7	16.0	11.0	112.0	1.0
	14.0	59.0	0.3	0.5	209.0	103.0	93.0
	35.0	5.6	2.5	20.0	5.0	5.0	380.0
	64.0	35.0	8.0	2.5	12.0	10.0	73.0
	0.5	19.0	124.0				
47107-M296	0.5	22.6	0.4	5.3	2.3	136.0	0.8
	0.1	1.1	1.4	4.0	4.0	53.0	1.0
	9.0	36.0	0.3	0.5	256.0	34.0	71.0
	10.0	3.9	2.5	15.0	5.0	5.0	279.0
	58.0	32.0	6.0	2.5	9.0	10.0	59.0
	0.5	14.0	120.0				
47107-M297	0.5	19.5	0.4	6.8	4.4	801.0	1.1
	0.1	0.9	1.9	14.0	23.0	84.0	0.5
	17.0	57.0	0.3	0.5	218.0	69.0	98.0
	38.0	6.6	2.5	19.0	5.0	5.0	353.0
	68.0	39.0	8.0	2.5	13.0	10.0	56.0
	0.5	17.0	125.0				
47107-M298	0.5	17.6	0.4	6.5	3.8	403.0	1.1
	0.1	0.8	1.8	11.0	10.0	70.0	0.5
	17.0	56.0	0.3	0.5	247.0	58.0	90.0
	18.0	5.9	2.5	19.0	5.0	5.0	333.0
	63.0	36.0	6.0	2.5	12.0	10.0	48.0
	0.5	16.0	116.0				
47107-M299	0.5	18.1	0.5	6.7	4.0	527.0	1.0
	0.1	0.9	1.9	15.0	14.0	68.0	4.0
	16.0	57.0	0.3	0.5	246.0	66.0	101.0
	23.0	6.2	2.5	20.0	5.0	5.0	330.0
	65.0	37.0	7.0	2.5	12.0	10.0	58.0
	2.0	19.0	128.0				
47107-M300	0.5	38.6	0.5	5.4	4.1	366.0	1.1
	1.0	0.9	1.5	15.0	99.0	71.0	0.5
	17.0	55.0	0.7	0.5	244.0	43.0	89.0
	8.0	14.4	2.5	19.0	5.0	5.0	267.0
	67.0	33.0	7.0	2.5	11.0	10.0	97.0
	0.5	15.0	102.0				
47107-M301	0.5	48.3	0.5	5.6	3.9	393.0	1.1
	1.4	0.9	1.6	16.0	17.0	69.0	1.0
	16.0	53.0	0.5	0.5	181.0	44.0	86.0
	2.5	13.9	2.5	18.0	5.0	5.0	281.0
	63.0	32.0	7.0	2.5	11.0	10.0	121.0
	0.5	16.0	97.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M302	0.5	34.3	0.3	4.6	3.0	384.0	0.9
	7.1	0.7	1.4	17.0	13.0	52.0	2.0
	13.0	44.0	0.3	0.5	145.0	38.0	65.0
	2.5	11.5	2.5	1.0	5.0	5.0	232.0
	16.0	25.0	8.0	2.5	9.0	10.0	399.0
	2.0	14.0	73.0				
47107-M303	0.5	40.6	0.3	4.8	2.9	405.0	0.9
	7.7	0.7	1.4	17.0	15.0	53.0	2.0
	12.0	44.0	0.3	0.5	128.0	38.0	66.0
	11.0	11.4	2.5	1.0	5.0	5.0	236.0
	10.0	25.0	9.0	2.5	10.0	10.0	424.0
	0.5	14.0	71.0				
47107-M304	0.5	37.2	0.5	5.4	4.2	404.0	1.0
	1.7	0.9	1.5	16.0	15.0	68.0	3.0
	17.0	54.0	0.7	0.5	231.0	43.0	85.0
	2.5	14.8	2.5	19.0	5.0	5.0	270.0
	62.0	32.0	7.0	2.5	11.0	10.0	137.0
	0.5	16.0	103.0				
47107-M305	0.5	37.3	0.5	5.3	3.8	321.0	1.0
	0.9	0.9	1.5	14.0	15.0	67.0	5.0
	15.0	50.0	0.3	0.5	213.0	43.0	84.0
	2.5	13.1	2.5	17.0	5.0	5.0	265.0
	63.0	32.0	7.0	2.5	10.0	10.0	96.0
	0.5	14.0	105.0				
47107-M306	0.5	42.0	0.3	4.7	2.9	372.0	0.9
	6.8	0.7	1.4	17.0	16.0	55.0	1.0
	12.0	46.0	0.3	0.5	120.0	38.0	67.0
	2.5	11.4	2.5	1.0	5.0	5.0	233.0
	20.0	25.0	9.0	2.5	9.0	10.0	383.0
	3.0	14.0	74.0				
47107-M307	0.5	50.4	0.3	4.7	3.1	419.0	0.9
	8.2	0.7	1.4	18.0	12.0	53.0	0.5
	13.0	47.0	0.3	0.5	126.0	37.0	68.0
	14.0	12.1	2.5	1.0	5.0	5.0	230.0
	5.0	24.0	8.0	2.5	10.0	10.0	443.0
	0.5	14.0	71.0				
47107-M308	0.5	47.4	0.5	5.7	4.0	383.0	1.1
	1.7	0.9	1.6	16.0	15.0	69.0	1.0
	16.0	52.0	0.7	0.5	220.0	45.0	89.0
	2.5	14.4	2.5	19.0	5.0	5.0	281.0
	65.0	34.0	8.0	2.5	11.0	10.0	139.0
	0.5	16.0	101.0				
47107-M309	0.5	34.6	0.3	4.9	3.0	374.0	0.9
	5.6	0.8	1.4	16.0	14.0	57.0	2.0
	13.0	46.0	0.3	0.5	158.0	40.0	69.0
	2.5	11.5	2.5	5.0	5.0	5.0	239.0
	28.0	26.0	9.0	2.5	9.0	10.0	328.0
	0.5	14.0	77.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M310	0.5	42.9	0.5	5.4	4.1	420.0	1.1
	1.8	0.9	1.5	18.0	17.0	67.0	0.5
	16.0	54.0	0.8	0.5	242.0	43.0	85.0
	8.0	14.8	2.5	18.0	13.0	5.0	273.0
	60.0	32.0	8.0	2.5	11.0	10.0	142.0
	0.5	17.0	106.0				
47107-M311	0.5	32.0	0.3	5.1	3.0	411.0	1.0
	6.1	0.8	1.5	17.0	14.0	58.0	2.0
	13.0	47.0	0.3	0.5	168.0	41.0	70.0
	10.0	11.8	2.5	4.0	5.0	5.0	250.0
	25.0	27.0	8.0	2.5	10.0	10.0	356.0
	6.0	14.0	81.0				
47107-M312	0.5	32.9	0.6	5.3	4.5	490.0	1.1
	1.9	0.8	1.5	17.0	16.0	69.0	1.0
	17.0	56.0	0.8	0.5	307.0	42.0	91.0
	2.5	15.9	2.5	19.0	11.0	5.0	265.0
	65.0	34.0	7.0	2.5	11.0	10.0	144.0
	0.5	17.0	113.0				
47107-M313	0.5	27.2	0.3	4.1	2.7	338.0	0.7
	1.2	0.9	1.1	8.0	13.0	60.0	1.0
	11.0	38.0	0.5	0.5	286.0	30.0	57.0
	2.5	9.7	2.5	14.0	5.0	5.0	200.0
	60.0	29.0	5.0	2.5	7.0	10.0	89.0
	0.5	11.0	73.0				
47107-M314	0.5	26.7	0.3	4.3	2.7	330.0	0.8
	1.3	0.9	1.1	8.0	9.0	61.0	2.0
	12.0	38.0	0.6	0.5	298.0	31.0	58.0
	2.5	10.0	2.5	14.0	5.0	5.0	206.0
	56.0	27.0	6.0	2.5	7.0	10.0	92.0
	1.0	11.0	70.0				
47107-M315	0.5	23.3	0.3	5.2	3.4	574.0	1.4
	6.3	0.6	1.7	19.0	18.0	71.0	6.0
	15.0	50.0	0.3	0.5	138.0	44.0	72.0
	2.5	12.8	2.5	4.0	5.0	5.0	328.0
	27.0	28.0	10.0	2.5	10.0	10.0	259.0
	0.5	11.0	61.0				
47107-M316	0.5	19.4	0.3	6.3	4.4	391.0	1.5
	0.9	0.8	1.9	26.0	20.0	89.0	5.0
	19.0	60.0	0.3	0.5	207.0	49.0	90.0
	2.5	15.7	2.5	20.0	5.0	5.0	413.0
	63.0	31.0	9.0	2.5	12.0	10.0	67.0
	0.5	13.0	79.0				
47107-M317	0.5	24.7	0.3	6.7	4.5	409.0	1.6
	0.9	0.8	2.1	27.0	17.0	96.0	0.5
	19.0	66.0	0.3	0.5	188.0	53.0	97.0
	21.0	15.7	2.5	21.0	5.0	5.0	442.0
	64.0	32.0	9.0	2.5	13.0	10.0	66.0
	0.5	14.0	84.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M318	0.5	30.5	0.3	4.5	3.1	767.0	1.1
	8.8	0.7	1.5	16.0	17.0	61.0	3.0
	16.0	52.0	0.3	0.5	152.0	35.0	63.0
	2.5	11.7	2.5	1.0	13.0	5.0	193.0
	2.5	23.0	9.0	2.5	9.0	10.0	365.0
	0.5	13.0	62.0				
47107-M319	0.5	35.8	0.3	4.3	2.9	753.0	1.1
	10.0	0.6	1.4	15.0	16.0	57.0	3.0
	14.0	49.0	0.3	0.5	125.0	33.0	60.0
	2.5	11.4	2.5	1.0	5.0	5.0	181.0
	2.5	21.0	10.0	2.5	8.0	10.0	415.0
	0.5	13.0	59.0				
47107-M320	0.5	32.7	0.3	5.0	3.1	887.0	1.3
	9.5	0.7	1.7	16.0	17.0	70.0	3.0
	16.0	57.0	0.3	0.5	125.0	37.0	68.0
	8.0	6.1	2.5	21.0	5.0	5.0	207.0
	51.0	28.0	11.0	2.5	9.0	10.0	384.0
	0.5	14.0	70.0				
47107-M321	0.5	33.9	0.3	4.5	3.1	2733.0	1.1
	8.4	0.9	1.2	18.0	66.0	543.0	3.0
	12.0	51.0	0.3	0.5	154.0	34.0	60.0
	2.5	5.9	2.5	21.0	5.0	5.0	194.0
	51.0	23.0	9.0	2.5	8.0	67.0	415.0
	0.5	12.0	65.0				
47107-M322	0.5	34.7	0.2	4.4	2.8	774.0	1.1
	10.0	0.7	1.4	14.0	11.0	59.0	0.5
	13.0	48.0	0.3	0.5	129.0	34.0	58.0
	11.0	5.5	2.5	25.0	5.0	5.0	188.0
	56.0	25.0	9.0	2.5	8.0	10.0	437.0
	0.5	13.0	62.0				
47107-M323	0.5	38.5	0.2	2.8	3.0	353.0	0.8
	10.0	0.5	0.9	14.0	14.0	35.0	2.0
	10.0	39.0	0.3	0.5	81.0	22.0	39.0
	2.5	5.7	2.5	26.0	5.0	5.0	194.0
	56.0	16.0	8.0	2.5	7.0	10.0	640.0
	0.5	12.0	41.0				
47107-M324	0.5	40.2	0.2	4.5	2.6	874.0	1.1
	9.7	0.7	1.5	13.0	11.0	59.0	0.5
	13.0	48.0	0.3	0.5	111.0	34.0	57.0
	7.0	5.4	2.5	21.0	5.0	5.0	193.0
	51.0	25.0	9.0	2.5	8.0	10.0	414.0
	0.5	13.0	62.0				
47107-M325	0.5	33.7	0.2	3.6	2.1	758.0	0.9
	10.0	0.8	1.1	10.0	10.0	40.0	0.5
	10.0	38.0	0.3	0.5	134.0	25.0	44.0
	16.0	4.7	2.5	1.0	5.0	5.0	177.0
	2.5	18.0	9.0	2.5	7.0	10.0	509.0
	4.0	13.0	55.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M326	0.5	32.2	0.3	4.8	3.0	618.0	1.0
	6.0	0.8	1.5	14.0	14.0	60.0	2.0
	13.0	49.0	0.3	1.0	149.0	37.0	63.0
	2.5	5.5	2.5	17.0	5.0	5.0	219.0
	52.0	29.0	9.0	2.5	8.0	10.0	328.0
	0.5	14.0	66.0				
47107-M327	0.5	33.5	0.3	5.0	3.5	544.0	1.0
	3.5	0.9	1.5	16.0	15.0	64.0	3.0
	15.0	62.0	0.3	0.5	170.0	38.0	69.0
	2.5	5.9	2.5	12.0	5.0	5.0	423.0
	49.0	30.0	8.0	2.5	9.0	10.0	205.0
	3.0	12.0	73.0				
47107-M328	0.5	42.1	0.4	5.5	3.6	439.0	1.1
	2.8	1.0	1.6	15.0	13.0	64.0	0.5
	13.0	60.0	0.3	0.5	205.0	40.0	79.0
	11.0	6.1	2.5	17.0	5.0	5.0	282.0
	60.0	34.0	9.0	2.5	10.0	10.0	165.0
	2.0	15.0	98.0				
47107-M329	0.5	28.4	0.5	5.4	3.8	425.0	1.1
	2.6	1.0	1.5	15.0	15.0	77.0	0.5
	13.0	56.0	0.3	1.0	337.0	39.0	83.0
	16.0	6.4	2.5	17.0	5.0	5.0	277.0
	61.0	34.0	9.0	2.5	10.0	10.0	158.0
	2.0	17.0	137.0				
47107-M330	0.5	25.9	0.3	5.2	3.5	922.0	1.2
	6.2	0.7	1.7	18.0	17.0	75.0	0.5
	18.0	57.0	0.3	2.0	174.0	40.0	71.0
	13.0	6.4	2.5	18.0	12.0	5.0	246.0
	59.0	32.0	10.0	2.5	9.0	10.0	304.0
	0.5	14.0	68.0				
47107-M331	0.5	32.9	0.3	5.0	3.1	500.0	1.1
	5.7	0.8	1.6	16.0	14.0	61.0	0.5
	14.0	56.0	0.3	0.5	148.0	39.0	68.0
	10.0	5.7	2.5	19.0	5.0	5.0	223.0
	54.0	29.0	9.0	2.5	9.0	10.0	274.0
	0.5	14.0	72.0				
47107-M332	0.5	44.1	0.3	4.9	3.3	715.0	1.1
	6.8	0.8	1.5	17.0	16.0	59.0	1.0
	15.0	56.0	0.3	0.5	142.0	38.0	66.0
	6.0	6.0	2.5	16.0	5.0	5.0	221.0
	45.0	29.0	9.0	2.5	9.0	10.0	322.0
	0.5	14.0	70.0				
47107-M333	0.5	27.3	0.3	5.2	3.5	543.0	0.9
	4.6	0.8	1.6	17.0	15.0	65.0	0.5
	14.0	49.0	0.3	0.5	180.0	43.0	72.0
	21.0	6.2	2.5	11.0	5.0	5.0	262.0
	60.0	34.0	9.0	2.5	10.0	10.0	166.0
	0.5	15.0	93.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M334	1.0	32.3	0.4	5.3	3.6	396.0	0.9
	2.1	0.8	1.5	13.0	16.0	69.0	0.5
	13.0	47.0	0.5	0.5	225.0	44.0	77.0
	31.0	6.2	2.5	18.0	5.0	11.0	260.0
	69.0	36.0	8.0	2.5	10.0	10.0	99.0
	0.5	16.0	96.0				
47107-M335	0.5	29.3	0.5	5.6	4.2	466.0	1.0
	2.4	0.8	1.7	15.0	15.0	75.0	0.5
	16.0	53.0	0.6	0.5	243.0	47.0	84.0
	28.0	7.0	2.5	18.0	5.0	5.0	280.0
	75.0	40.0	9.0	2.5	11.0	10.0	107.0
	1.0	18.0	102.0				
47107-M336	0.5	30.4	0.4	5.9	3.8	476.0	1.0
	2.4	0.8	1.8	15.0	18.0	73.0	6.0
	15.0	50.0	0.3	0.5	173.0	50.0	81.0
	28.0	6.5	2.5	18.0	5.0	5.0	295.0
	70.0	38.0	9.0	2.5	11.0	10.0	112.0
	0.5	17.0	105.0				
47107-M337	0.5	17.7	0.6	5.3	4.2	478.0	0.9
	2.6	0.8	1.5	16.0	17.0	69.0	1.0
	16.0	51.0	0.3	0.5	287.0	45.0	85.0
	8.0	6.9	2.5	18.0	5.0	5.0	261.0
	73.0	39.0	8.0	2.5	10.0	10.0	111.0
	0.5	17.0	104.0				
47107-M338	0.5	31.4	0.4	5.5	4.0	588.0	1.0
	3.6	0.8	1.7	17.0	19.0	69.0	2.0
	16.0	52.0	0.3	0.5	204.0	46.0	83.0
	2.5	6.9	2.5	15.0	5.0	5.0	277.0
	60.0	36.0	9.0	2.5	11.0	10.0	136.0
	2.0	17.0	91.0				
47107-M339	0.5	30.2	0.4	5.9	4.2	539.0	1.0
	2.3	0.8	1.8	17.0	22.0	76.0	3.0
	17.0	55.0	0.6	0.5	209.0	49.0	86.0
	43.0	7.0	2.5	20.0	5.0	5.0	295.0
	72.0	37.0	9.0	2.5	11.0	10.0	109.0
	0.5	17.0	101.0				
47107-M340	0.5	29.0	0.5	5.5	4.3	545.0	1.0
	2.8	0.8	1.7	17.0	19.0	73.0	2.0
	16.0	54.0	0.6	0.5	220.0	46.0	85.0
	18.0	7.0	2.5	18.0	5.0	5.0	278.0
	69.0	38.0	9.0	2.5	11.0	10.0	115.0
	0.5	17.0	108.0				
47107-M341	0.5	30.6	0.4	5.7	4.0	571.0	1.0
	2.9	0.8	1.7	16.0	18.0	77.0	3.0
	16.0	53.0	0.7	0.5	188.0	47.0	82.0
	10.0	7.0	2.5	18.0	5.0	5.0	289.0
	70.0	37.0	9.0	2.5	11.0	10.0	119.0
	0.5	17.0	96.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M342	0.5	34.1	0.4	5.6	3.8	473.0	1.0
	3.3	0.8	1.7	15.0	17.0	73.0	0.5
	15.0	50.0	0.3	0.5	196.0	47.0	81.0
	12.0	6.7	2.5	15.0	5.0	5.0	280.0
	69.0	38.0	9.0	2.5	10.0	21.0	127.0
	0.5	16.0	100.0				
47107-M343	0.5	30.3	0.8	4.8	10.0	1047.0	0.9
	0.3	0.7	1.2	23.0	33.0	86.0	0.5
	39.0	86.0	0.3	0.5	689.0	40.0	81.0
	47.0	13.4	5.0	17.0	17.0	5.0	229.0
	71.0	49.0	4.0	2.5	14.0	10.0	56.0
	2.0	28.0	52.0				
47107-M344	0.5	34.4	0.9	5.6	7.0	670.0	1.0
	0.3	0.8	1.5	15.0	29.0	79.0	0.5
	22.0	61.0	0.3	0.5	415.0	48.0	103.0
	27.0	9.3	5.0	22.0	5.0	5.0	275.0
	77.0	46.0	4.0	2.5	13.0	10.0	61.0
	0.5	24.0	105.0				
47107-M345	0.5	30.4	0.4	6.0	3.4	297.0	1.0
	0.2	0.9	1.8	98.0	11.0	233.0	3.0
	13.0	52.0	0.3	0.5	197.0	52.0	81.0
	23.0	5.4	2.5	17.0	5.0	5.0	291.0
	120.0	61.0	7.0	2.5	10.0	10.0	61.0
	0.5	16.0	108.0				
47107-M346	0.5	32.5	0.6	6.2	4.5	352.0	1.0
	0.2	0.9	1.7	12.0	11.0	105.0	1.0
	16.0	55.0	0.3	0.5	257.0	54.0	97.0
	26.0	6.8	2.5	18.0	5.0	5.0	300.0
	69.0	40.0	5.0	2.5	12.0	10.0	64.0
	3.0	19.0	107.0				
47107-M347	0.5	37.9	0.4	5.9	4.5	995.0	1.2
	0.3	0.8	1.9	21.0	19.0	84.0	0.5
	22.0	60.0	0.3	0.5	211.0	42.0	90.0
	25.0	6.6	2.5	18.0	5.0	5.0	344.0
	73.0	39.0	7.0	2.5	11.0	10.0	55.0
	0.5	19.0	101.0				
47107-M348	0.5	24.5	0.4	6.1	3.8	1498.0	1.3
	0.3	1.2	1.8	18.0	17.0	80.0	0.5
	21.0	59.0	0.3	0.5	280.0	38.0	84.0
	56.0	6.1	2.5	17.0	5.0	5.0	373.0
	68.0	35.0	8.0	2.5	10.0	10.0	50.0
	5.0	16.0	107.0				
47107-M349	0.5	21.0	0.4	6.5	4.3	958.0	0.8
	0.3	0.9	1.9	21.0	18.0	92.0	0.5
	21.0	68.0	0.3	0.5	226.0	53.0	91.0
	43.0	6.6	2.5	19.0	5.0	5.0	328.0
	70.0	36.0	7.0	2.5	12.0	10.0	91.0
	3.0	18.0	102.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M350	0.5	30.9	0.8	5.5	6.3	461.0	0.9
	0.2	0.8	1.5	17.0	28.0	71.0	0.5
	22.0	71.0	0.3	0.5	328.0	48.0	100.0
	29.0	7.5	2.5	17.0	5.0	5.0	287.0
	59.0	37.0	5.0	2.5	11.0	10.0	53.0
	0.5	18.0	110.0				
47107-M351	0.5	32.7	0.6	6.3	4.0	329.0	1.1
	0.2	0.9	1.8	12.0	11.0	70.0	0.5
	15.0	56.0	0.3	0.5	247.0	54.0	95.0
	20.0	6.0	2.5	18.0	5.0	5.0	334.0
	62.0	36.0	7.0	2.5	12.0	10.0	53.0
	0.5	17.0	125.0				
47107-M352	0.5	32.9	0.4	6.6	3.8	327.0	0.8
	0.1	0.8	1.8	20.0	11.0	77.0	0.5
	14.0	61.0	0.3	0.5	178.0	57.0	86.0
	25.0	5.8	2.5	18.0	5.0	5.0	312.0
	64.0	35.0	6.0	2.5	12.0	10.0	59.0
	0.5	16.0	124.0				
47107-M353	0.5	31.0	0.5	6.3	4.0	301.0	1.0
	0.1	0.7	1.8	29.0	19.0	78.0	0.5
	15.0	58.0	0.3	0.5	230.0	50.0	94.0
	38.0	6.0	2.5	19.0	5.0	5.0	311.0
	63.0	35.0	6.0	2.5	12.0	10.0	45.0
	2.0	16.0	123.0				
47107-M354	0.5	28.9	0.6	6.1	3.6	251.0	1.1
	0.2	0.9	1.7	8.0	7.0	169.0	0.5
	13.0	52.0	0.3	0.5	240.0	47.0	89.0
	57.0	5.3	2.5	17.0	5.0	5.0	314.0
	60.0	34.0	5.0	2.5	11.0	10.0	49.0
	0.5	16.0	114.0				
47107-M355	0.5	25.8	0.5	6.8	5.2	1091.0	1.2
	0.2	0.7	2.2	33.0	24.0	75.0	5.0
	34.0	65.0	0.3	0.5	190.0	50.0	102.0
	29.0	7.3	2.5	20.0	5.0	5.0	360.0
	101.0	50.0	9.0	2.5	13.0	10.0	60.0
	0.5	19.0	118.0				
47107-M356	0.5	29.1	0.5	6.0	6.0	760.0	1.1
	0.2	0.7	1.9	36.0	27.0	76.0	4.0
	38.0	68.0	0.3	0.5	225.0	45.0	95.0
	22.0	7.9	2.5	19.0	5.0	5.0	307.0
	105.0	54.0	8.0	2.5	11.0	10.0	58.0
	0.5	17.0	115.0				
47107-M357	5.0	25.7	0.5	7.6	4.8	770.0	1.6
	0.2	0.8	2.4	41.0	25.0	93.0	0.5
	26.0	90.0	0.3	0.5	185.0	57.0	107.0
	49.0	7.3	2.5	21.0	5.0	5.0	349.0
	98.0	51.0	9.0	2.5	15.0	10.0	43.0
	0.5	20.0	116.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M358	0.5	26.3	0.4	7.2	3.8	478.0	0.8
	0.3	1.0	2.1	20.0	15.0	80.0	0.5
	15.0	55.0	0.3	0.5	191.0	60.0	101.0
	37.0	6.0	2.5	21.0	5.0	5.0	388.0
	70.0	37.0	7.0	2.5	14.0	10.0	84.0
	1.0	20.0	124.0				
47107-M359	0.5	31.4	0.4	7.1	3.7	658.0	0.8
	0.2	1.0	2.0	18.0	10.0	79.0	0.5
	15.0	58.0	0.3	0.5	186.0	64.0	98.0
	12.0	5.9	2.5	21.0	5.0	5.0	371.0
	67.0	37.0	7.0	2.5	12.0	10.0	75.0
	0.5	20.0	122.0				
47107-M360	0.5	28.1	0.4	5.1	3.2	487.0	0.8
	0.2	0.8	1.5	14.0	436.0	78.0	5.0
	12.0	42.0	0.3	0.5	212.0	40.0	77.0
	2.5	2.7	2.5	14.0	5.0	5.0	278.0
	57.0	29.0	6.0	2.5	9.0	10.0	53.0
	0.5	16.0	96.0				
47107-M361	2.0	23.5	0.4	5.5	3.3	543.0	0.8
	0.2	0.9	1.6	15.0	15.0	72.0	2.0
	12.0	44.0	0.3	0.5	257.0	43.0	84.0
	15.0	2.9	2.5	15.0	5.0	5.0	295.0
	63.0	32.0	7.0	2.5	10.0	10.0	56.0
	5.0	17.0	106.0				
47107-M362	0.5	23.9	0.5	6.5	4.0	1056.0	0.4
	0.2	1.0	1.8	23.0	19.0	124.0	3.0
	17.0	63.0	0.3	1.0	237.0	50.0	100.0
	12.0	3.6	2.5	18.0	5.0	5.0	353.0
	70.0	33.0	7.0	2.5	12.0	25.0	93.0
	0.5	19.0	139.0				
47107-M363	0.5	20.0	0.5	6.9	4.1	378.0	0.5
	0.3	1.1	2.0	25.0	18.0	63.0	0.5
	15.0	63.0	0.3	0.5	213.0	55.0	102.0
	19.0	3.7	2.5	19.0	5.0	5.0	335.0
	70.0	36.0	7.0	2.5	14.0	10.0	89.0
	0.5	21.0	130.0				
47107-M364	1.0	32.4	0.5	4.8	3.6	440.0	0.8
	3.7	0.7	1.4	16.0	15.0	59.0	3.0
	14.0	45.0	0.3	0.5	219.0	41.0	76.0
	10.0	3.7	2.5	11.0	5.0	5.0	240.0
	44.0	31.0	9.0	2.5	9.0	10.0	134.0
	1.0	15.0	91.0				
47107-M365	0.5	29.9	0.4	5.3	4.0	1190.0	0.9
	2.8	0.7	1.6	18.0	25.0	77.0	0.5
	18.0	53.0	0.3	1.0	207.0	40.0	81.0
	2.5	3.9	2.5	13.0	5.0	5.0	286.0
	76.0	40.0	10.0	2.5	10.0	10.0	134.0
	6.0	17.0	114.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M366	0.5	29.5	0.4	5.4	3.8	1297.0	1.0
	3.8	0.7	1.6	17.0	20.0	71.0	2.0
	17.0	51.0	0.3	0.5	179.0	40.0	81.0
	2.5	3.9	2.5	11.0	5.0	5.0	291.0
	65.0	36.0	10.0	2.5	10.0	10.0	161.0
	0.5	15.0	102.0				
47107-M367	0.5	24.2	0.4	5.2	3.7	1223.0	0.9
	3.5	0.7	1.6	16.0	17.0	70.0	0.5
	17.0	50.0	0.3	1.0	189.0	39.0	78.0
	2.5	3.9	2.5	13.0	5.0	5.0	280.0
	69.0	37.0	10.0	2.5	10.0	10.0	149.0
	0.5	16.0	108.0				
47107-M368	0.5	28.4	0.5	4.9	3.8	460.0	0.9
	3.3	0.8	1.4	17.0	18.0	62.0	2.0
	15.0	45.0	0.3	0.5	233.0	43.0	79.0
	2.5	3.7	2.5	13.0	5.0	5.0	246.0
	52.0	34.0	9.0	2.5	10.0	10.0	127.0
	0.5	16.0	94.0				
47107-M369	0.5	32.2	0.5	4.8	3.6	411.0	0.8
	3.1	0.7	1.4	21.0	17.0	61.0	1.0
	14.0	46.0	0.3	1.0	209.0	42.0	76.0
	2.5	3.7	2.5	14.0	13.0	5.0	241.0
	51.0	32.0	9.0	2.5	9.0	10.0	119.0
	4.0	16.0	99.0				
47107-M370	0.5	20.5	0.5	6.4	3.7	853.0	0.7
	0.2	0.9	1.9	19.0	19.0	98.0	3.0
	16.0	49.0	0.3	1.0	218.0	64.0	100.0
	2.5	3.6	2.5	18.0	5.0	5.0	359.0
	64.0	33.0	6.0	2.5	12.0	10.0	78.0
	2.0	19.0	124.0				
47107-M371	1.0	27.8	0.5	6.5	3.6	931.0	0.7
	0.3	1.0	1.8	17.0	16.0	108.0	1.0
	15.0	47.0	0.3	0.5	193.0	70.0	97.0
	2.5	3.3	2.5	17.0	5.0	5.0	355.0
	63.0	33.0	7.0	2.5	12.0	10.0	89.0
	0.5	18.0	124.0				
47107-M372	1.0	27.6	0.4	6.1	3.6	1054.0	0.8
	0.3	1.0	1.8	18.0	17.0	103.0	0.5
	16.0	54.0	0.3	0.5	195.0	55.0	90.0
	2.5	3.4	2.5	16.0	5.0	5.0	352.0
	64.0	33.0	7.0	2.5	11.0	10.0	77.0
	0.5	17.0	115.0				
47107-M373	2.0	20.8	0.5	7.0	4.0	463.0	1.1
	0.2	1.3	2.0	24.0	15.0	81.0	0.5
	16.0	62.0	0.3	1.0	257.0	51.0	104.0
	16.0	3.6	2.5	19.0	5.0	5.0	373.0
	68.0	36.0	8.0	2.5	14.0	10.0	60.0
	1.0	19.0	132.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M374	1.0	29.0	1.1	5.4	4.8	455.0	1.0
	0.3	1.0	1.5	11.0	14.0	65.0	0.5
	14.0	53.0	0.3	0.5	348.0	44.0	126.0
	13.0	3.8	2.5	18.0	13.0	5.0	292.0
	60.0	32.0	7.0	2.5	12.0	10.0	58.0
	0.5	17.0	139.0				
47107-M375	0.5	23.8	0.7	5.5	3.9	375.0	1.0
	0.3	1.0	1.6	12.0	10.0	63.0	0.5
	13.0	50.0	0.3	0.5	333.0	40.0	98.0
	2.5	3.5	2.5	18.0	5.0	5.0	298.0
	58.0	31.0	7.0	2.5	12.0	10.0	59.0
	0.5	16.0	136.0				
47107-M376	1.0	17.3	0.5	6.3	3.9	397.0	1.0
	0.2	1.0	1.8	16.0	16.0	68.0	0.5
	15.0	59.0	0.3	0.5	253.0	48.0	99.0
	7.0	3.5	2.5	16.0	5.0	5.0	330.0
	60.0	32.0	7.0	2.5	12.0	10.0	48.0
	0.5	16.0	118.0				
47107-M377	1.0	25.1	0.5	6.4	3.8	1029.0	0.8
	0.3	1.0	1.9	16.0	20.0	113.0	2.0
	16.0	49.0	0.3	2.0	209.0	59.0	100.0
	2.5	3.6	2.5	18.0	10.0	5.0	369.0
	68.0	35.0	8.0	2.5	12.0	10.0	97.0
	0.5	19.0	130.0				
47107-M378	1.0	20.3	0.5	6.1	3.8	876.0	0.8
	0.3	0.9	1.8	14.0	13.0	95.0	0.5
	14.0	51.0	0.3	0.5	255.0	55.0	100.0
	2.5	3.5	2.5	18.0	5.0	5.0	351.0
	63.0	33.0	8.0	2.5	12.0	10.0	78.0
	0.5	17.0	121.0				
47107-M379	2.0	21.7	0.5	6.3	3.5	581.0	0.9
	0.2	1.0	1.9	15.0	16.0	85.0	4.0
	14.0	50.0	0.3	1.0	217.0	57.0	99.0
	2.5	6.3	2.5	16.0	5.0	5.0	362.0
	60.0	31.0	6.0	2.5	12.0	10.0	66.0
	0.5	17.0	120.0				
47107-M380	0.5	27.2	0.5	6.4	3.7	592.0	0.9
	0.2	0.9	1.9	15.0	14.0	83.0	2.0
	14.0	51.0	0.3	0.5	194.0	58.0	102.0
	16.0	6.6	2.5	16.0	5.0	5.0	366.0
	59.0	31.0	6.0	2.5	12.0	10.0	58.0
	0.5	17.0	118.0				
47107-M381	0.5	21.9	0.4	6.5	3.6	672.0	1.0
	0.2	0.9	1.9	16.0	17.0	86.0	0.5
	14.0	53.0	0.3	0.5	193.0	59.0	99.0
	2.5	6.5	2.5	17.0	5.0	5.0	370.0
	61.0	32.0	6.0	2.5	13.0	10.0	55.0
	0.5	17.0	121.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M382	0.5	22.3	0.5	6.2	3.8	334.0	0.9
	0.1	0.8	1.8	17.0	16.0	64.0	0.5
	14.0	56.0	0.3	0.5	216.0	49.0	97.0
	6.0	6.7	2.5	17.0	5.0	5.0	329.0
	61.0	31.0	7.0	2.5	12.0	10.0	44.0
	3.0	16.0	128.0				
47107-M383	2.0	20.4	0.5	6.5	3.8	695.0	1.0
	0.2	0.9	2.0	17.0	22.0	96.0	0.5
	15.0	55.0	0.3	0.5	239.0	64.0	105.0
	2.5	6.8	2.5	19.0	5.0	5.0	382.0
	66.0	33.0	7.0	2.5	13.0	10.0	66.0
	0.5	18.0	130.0				
47107-M384	0.5	18.7	0.5	6.4	3.7	929.0	1.0
	0.2	1.0	1.9	18.0	15.0	125.0	0.5
	15.0	52.0	0.3	0.5	214.0	65.0	100.0
	16.0	6.7	2.5	18.0	5.0	5.0	383.0
	63.0	32.0	7.0	2.5	12.0	10.0	65.0
	0.5	18.0	120.0				
47107-M385	0.5	23.4	0.5	6.4	3.5	700.0	0.9
	0.2	1.0	1.9	15.0	18.0	99.0	0.5
	14.0	52.0	0.3	0.5	196.0	62.0	99.0
	25.0	6.4	2.5	17.0	5.0	5.0	368.0
	63.0	32.0	7.0	2.5	13.0	10.0	55.0
	0.5	18.0	125.0				
47107-M386	0.5	18.9	0.5	6.6	3.8	771.0	1.0
	0.2	1.1	1.9	16.0	18.0	109.0	1.0
	15.0	53.0	0.3	0.5	201.0	65.0	102.0
	16.0	6.8	2.5	17.0	5.0	5.0	379.0
	63.0	33.0	7.0	2.5	13.0	10.0	63.0
	0.5	18.0	130.0				
47107-M387	0.5	20.4	0.4	5.4	4.4	1131.0	0.7
	2.7	0.9	1.4	18.0	22.0	58.0	3.0
	18.0	66.0	0.3	0.5	184.0	44.0	77.0
	62.0	7.9	2.5	13.0	5.0	5.0	251.0
	61.0	34.0	9.0	2.5	10.0	10.0	166.0
	0.5	16.0	88.0				
47107-M388	0.5	20.3	0.2	4.0	3.4	1049.0	0.5
	10.0	0.5	1.2	18.0	18.0	63.0	3.0
	17.0	51.0	0.3	0.5	124.0	37.0	56.0
	10.0	6.9	2.5	1.0	5.0	5.0	240.0
	2.5	25.0	9.0	2.5	8.0	10.0	410.0
	0.5	13.0	63.0				
47107-M389	0.5	26.7	0.4	5.2	6.4	432.0	0.7
	3.7	0.8	1.5	49.0	29.0	68.0	4.0
	22.0	69.0	0.3	0.5	186.0	51.0	81.0
	29.0	10.2	2.5	10.0	5.0	5.0	383.0
	39.0	32.0	9.0	2.5	10.0	10.0	192.0
	2.0	15.0	87.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M390	0.5	16.6	0.4	6.0	3.8	441.0	0.8
	0.6	1.0	1.7	19.0	17.0	76.0	2.0
	16.0	56.0	0.3	0.5	246.0	54.0	89.0
	25.0	7.1	2.5	16.0	5.0	5.0	320.0
	61.0	32.0	7.0	2.5	11.0	10.0	76.0
	0.5	16.0	112.0				
47107-M391	0.5	21.8	0.3	3.3	2.9	1160.0	0.5
	10.0	0.4	1.0	15.0	17.0	80.0	3.0
	13.0	41.0	0.3	0.5	115.0	33.0	60.0
	26.0	6.3	2.5	1.0	17.0	5.0	188.0
	2.5	24.0	7.0	2.5	7.0	10.0	486.0
	0.5	12.0	48.0				
47107-M392	0.5	19.3	0.2	3.4	3.0	1150.0	0.5
	10.0	0.4	1.0	15.0	16.0	82.0	2.0
	13.0	43.0	0.3	0.5	120.0	35.0	47.0
	15.0	6.3	2.5	1.0	5.0	5.0	193.0
	2.5	22.0	8.0	2.5	7.0	10.0	469.0
	0.5	12.0	47.0				
47107-M393	0.5	22.1	0.4	5.7	3.4	503.0	0.8
	2.4	0.9	1.7	18.0	16.0	74.0	3.0
	14.0	51.0	0.3	0.5	183.0	52.0	82.0
	23.0	6.8	2.5	16.0	5.0	5.0	306.0
	55.0	32.0	9.0	2.5	11.0	10.0	141.0
	0.5	15.0	93.0				
47107-M394	0.5	22.4	0.5	6.5	3.6	1108.0	0.8
	0.2	0.9	1.8	17.0	21.0	109.0	1.0
	16.0	52.0	0.3	1.0	206.0	66.0	100.0
	13.0	6.8	2.5	17.0	14.0	5.0	362.0
	65.0	33.0	8.0	2.5	12.0	10.0	70.0
	5.0	19.0	125.0				
47107-M395	0.5	31.4	0.5	6.5	3.5	712.0	0.8
	0.2	1.0	1.8	17.0	14.0	93.0	0.5
	15.0	60.0	0.3	0.5	171.0	77.0	94.0
	2.5	6.6	2.5	17.0	5.0	5.0	347.0
	63.0	32.0	7.0	2.5	12.0	10.0	69.0
	0.5	19.0	125.0				
47107-M396	0.5	20.8	0.5	5.4	4.6	1093.0	0.9
	0.6	0.8	1.5	26.0	24.0	76.0	5.0
	22.0	55.0	0.3	0.5	242.0	46.0	89.0
	2.5	8.7	2.5	15.0	5.0	5.0	289.0
	109.0	55.0	9.0	2.5	11.0	10.0	75.0
	0.5	17.0	111.0				
47107-M397	0.5	22.7	0.7	6.1	4.4	575.0	1.0
	0.2	0.9	1.7	16.0	19.0	81.0	2.0
	16.0	57.0	0.3	0.5	243.0	57.0	114.0
	2.5	8.4	2.5	17.0	5.0	5.0	321.0
	60.0	32.0	8.0	2.5	12.0	10.0	62.0
	0.5	17.0	120.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M398	0.5	21.0	0.5	6.1	3.7	356.0	1.0
	0.2	1.0	1.7	15.0	14.0	78.0	2.0
	15.0	54.0	0.3	0.5	253.0	59.0	92.0
	2.5	7.3	2.5	15.0	5.0	5.0	314.0
	62.0	33.0	8.0	2.5	11.0	10.0	65.0
	4.0	17.0	112.0				
47107-M399	0.5	29.0	0.5	6.1	3.8	372.0	1.0
	0.2	0.9	1.7	14.0	13.0	76.0	0.5
	15.0	51.0	0.3	0.5	202.0	57.0	93.0
	2.5	7.5	2.5	16.0	5.0	5.0	308.0
	59.0	32.0	7.0	2.5	12.0	10.0	60.0
	0.5	17.0	106.0				
47107-M400	0.5	27.7	0.5	6.4	4.0	569.0	1.1
	0.1	0.9	1.8	16.0	18.0	64.0	0.5
	15.0	57.0	0.3	2.0	185.0	61.0	103.0
	6.0	7.9	2.5	18.0	5.0	5.0	335.0
	63.0	33.0	8.0	2.5	13.0	10.0	45.0
	0.5	16.0	119.0				
47107-M401	0.5	28.6	0.9	6.2	4.5	397.0	1.1
	0.1	1.0	1.8	14.0	15.0	71.0	0.5
	14.0	57.0	0.3	0.5	220.0	53.0	121.0
	2.5	12.0	2.5	16.0	5.0	5.0	326.0
	60.0	32.0	7.0	2.5	13.0	10.0	45.0
	0.5	16.0	121.0				
47107-M402	0.5	33.1	0.5	6.5	3.8	489.0	1.1
	0.1	1.0	1.8	16.0	19.0	76.0	0.5
	15.0	56.0	0.3	1.0	173.0	58.0	99.0
	2.5	7.8	2.5	17.0	5.0	5.0	340.0
	61.0	33.0	7.0	2.5	13.0	10.0	48.0
	3.0	16.0	116.0				
47107-M403	0.5	16.6	0.7	6.1	4.0	308.0	1.0
	0.1	1.0	1.7	12.0	15.0	69.0	0.5
	13.0	54.0	0.3	0.5	268.0	52.0	104.0
	2.5	8.1	2.5	15.0	5.0	5.0	313.0
	59.0	33.0	7.0	2.5	12.0	10.0	46.0
	1.0	16.0	136.0				
47107-M404	0.5	29.2	0.4	6.5	3.6	305.0	1.1
	0.4	1.0	1.8	14.0	14.0	73.0	1.0
	12.0	51.0	0.3	0.5	188.0	59.0	95.0
	2.5	7.4	2.5	17.0	5.0	5.0	333.0
	62.0	34.0	8.0	2.5	13.0	10.0	62.0
	0.5	19.0	119.0				
47107-M405	0.5	31.9	0.4	6.2	3.6	322.0	1.1
	0.1	1.1	1.7	12.0	12.0	69.0	0.5
	14.0	53.0	0.3	0.5	192.0	50.0	90.0
	2.5	7.3	2.5	15.0	5.0	5.0	316.0
	59.0	31.0	7.0	2.5	12.0	10.0	45.0
	0.5	14.0	108.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M406	0.5	37.1	0.5	5.8	3.8	593.0	1.0
	0.1	0.9	1.6	14.0	17.0	63.0	6.0
	15.0	52.0	0.3	1.0	195.0	57.0	95.0
	16.0	18.4	2.5	18.0	5.0	5.0	295.0
	57.0	28.0	7.0	2.5	12.0	10.0	45.0
	0.5	16.0	102.0				
47107-M407	0.5	29.3	0.7	5.5	3.8	301.0	1.0
	0.2	1.0	1.4	8.0	14.0	67.0	2.0
	14.0	51.0	0.6	0.5	250.0	43.0	96.0
	11.0	18.5	2.5	17.0	5.0	5.0	267.0
	59.0	28.0	7.0	2.5	11.0	10.0	41.0
	0.5	15.0	111.0				
47107-M408	1.0	41.3	0.4	5.6	3.2	254.0	1.0
	0.1	1.0	1.5	9.0	10.0	64.0	1.0
	13.0	47.0	0.3	0.5	186.0	45.0	82.0
	8.0	15.6	2.5	16.0	5.0	5.0	276.0
	53.0	26.0	6.0	2.5	10.0	10.0	43.0
	0.5	12.0	102.0				
47107-M409	0.5	20.9	0.5	6.4	3.8	667.0	1.0
	0.1	0.8	1.8	18.0	23.0	77.0	0.5
	17.0	57.0	0.3	0.5	224.0	71.0	101.0
	25.0	18.9	2.5	19.0	5.0	5.0	341.0
	66.0	31.0	7.0	2.5	13.0	10.0	53.0
	0.5	18.0	121.0				
47107-M410	0.5	24.9	0.5	6.3	3.8	628.0	0.9
	0.1	0.8	1.8	17.0	17.0	76.0	0.5
	16.0	57.0	0.7	0.5	201.0	69.0	100.0
	2.5	19.0	2.5	20.0	5.0	5.0	330.0
	63.0	29.0	8.0	2.5	12.0	10.0	54.0
	0.5	18.0	120.0				
47107-M411	0.5	19.5	0.4	6.3	3.2	440.0	0.9
	0.2	0.9	1.7	9.0	16.0	67.0	0.5
	14.0	56.0	0.6	0.5	288.0	65.0	92.0
	38.0	15.9	2.5	20.0	5.0	5.0	329.0
	62.0	29.0	7.0	2.5	10.0	10.0	56.0
	6.0	17.0	120.0				
47107-M412	1.0	22.1	0.4	6.1	3.4	431.0	0.8
	0.1	0.8	1.7	19.0	27.0	73.0	0.5
	14.0	53.0	0.3	0.5	245.0	53.0	94.0
	19.0	17.2	2.5	18.0	5.0	5.0	303.0
	60.0	29.0	8.0	2.5	11.0	44.0	55.0
	0.5	16.0	131.0				
47107-M413	0.5	29.4	0.5	6.5	4.2	454.0	1.1
	0.3	1.0	1.8	22.0	16.0	88.0	0.5
	17.0	55.0	0.3	0.5	209.0	61.0	104.0
	9.0	20.6	2.5	21.0	5.0	5.0	328.0
	67.0	33.0	8.0	2.5	12.0	10.0	67.0
	0.5	18.0	120.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M414	0.5	22.2	0.4	6.6	4.1	794.0	1.9
	4.8	0.7	2.1	25.0	22.0	88.0	2.0
	21.0	81.0	0.8	0.5	186.0	51.0	97.0
	19.0	21.1	2.5	16.0	5.0	5.0	324.0
	45.0	33.0	13.0	2.5	13.0	10.0	337.0
	0.5	16.0	95.0				
47107-M415	0.5	28.2	0.4	6.5	4.5	1152.0	1.7
	0.3	0.6	2.1	24.0	24.0	109.0	5.0
	23.0	86.0	0.3	0.5	192.0	59.0	103.0
	2.5	22.4	2.5	20.0	5.0	5.0	364.0
	65.0	32.0	10.0	2.5	12.0	10.0	55.0
	0.5	14.0	95.0				
47107-M416	0.5	22.3	0.4	6.6	4.3	1022.0	1.8
	0.6	0.6	2.1	23.0	22.0	114.0	1.0
	22.0	82.0	0.6	0.5	191.0	60.0	101.0
	2.5	21.4	2.5	21.0	5.0	5.0	352.0
	65.0	32.0	10.0	2.5	12.0	10.0	72.0
	0.5	14.0	98.0				
47107-M417	0.5	27.5	0.3	4.9	3.0	543.0	1.2
	7.0	0.8	1.4	17.0	18.0	52.0	1.0
	13.0	54.0	0.3	0.5	165.0	35.0	71.0
	23.0	15.8	2.5	2.0	5.0	5.0	242.0
	15.0	25.0	10.0	2.5	10.0	10.0	484.0
	7.0	15.0	87.0				
47107-M418	0.5	25.0	0.3	5.0	3.5	1170.0	0.9
	3.0	0.6	1.5	15.0	21.0	69.0	0.5
	18.0	48.0	0.9	0.5	194.0	37.0	75.0
	2.5	17.7	2.5	15.0	5.0	5.0	262.0
	67.0	34.0	9.0	2.5	9.0	10.0	133.0
	0.5	14.0	94.0				
47107-M419	0.5	27.4	0.4	4.8	3.4	344.0	0.8
	1.9	0.7	1.3	15.0	17.0	66.0	0.5
	15.0	47.0	1.1	1.0	245.0	41.0	76.0
	2.5	17.3	2.5	18.0	5.0	5.0	236.0
	54.0	29.0	9.0	2.5	9.0	10.0	89.0
	3.0	15.0	92.0				
47107-M420	0.5	29.8	0.3	4.9	3.5	1147.0	0.9
	3.6	0.6	1.4	16.0	25.0	67.0	3.0
	17.0	48.0	0.9	2.0	187.0	36.0	76.0
	2.5	18.5	2.5	14.0	5.0	5.0	260.0
	57.0	31.0	10.0	2.5	9.0	10.0	148.0
	0.5	15.0	94.0				
47107-M421	0.5	29.5	0.4	4.8	3.5	1055.0	0.9
	3.1	0.6	1.4	15.0	20.0	67.0	0.5
	17.0	48.0	1.0	0.5	212.0	36.0	75.0
	2.5	18.3	2.5	15.0	5.0	5.0	254.0
	68.0	34.0	9.0	2.5	9.0	10.0	135.0
	0.5	14.0	95.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M422	0.5	28.6	0.5	4.9	3.8	377.0	0.9
	1.5	0.8	1.4	14.0	21.0	64.0	1.0
	15.0	49.0	0.9	0.5	268.0	43.0	85.0
	11.0	19.2	2.5	19.0	5.0	5.0	241.0
	58.0	30.0	9.0	2.5	10.0	10.0	82.0
	2.0	16.0	108.0				
47107-M423	0.5	19.5	0.5	6.9	3.9	384.0	0.5
	0.2	1.0	2.0	24.0	21.0	65.0	0.5
	16.0	62.0	0.6	0.5	263.0	55.0	104.0
	25.0	20.0	2.5	21.0	5.0	5.0	327.0
	70.0	35.0	9.0	2.5	14.0	10.0	85.0
	0.5	21.0	134.0				
47107-M424	0.5	35.5	0.5	6.7	3.9	974.0	0.4
	0.2	1.0	1.9	23.0	25.0	112.0	0.5
	18.0	66.0	0.5	0.5	200.0	52.0	102.0
	10.0	19.8	2.5	21.0	5.0	5.0	348.0
	69.0	33.0	8.0	2.5	13.0	10.0	90.0
	0.5	19.0	145.0				
47107-M425	0.5	27.3	0.4	6.3	3.7	902.0	0.4
	0.2	0.9	1.8	22.0	20.0	106.0	2.0
	16.0	60.0	0.3	0.5	204.0	51.0	95.0
	33.0	18.3	2.5	18.0	5.0	5.0	329.0
	63.0	31.0	7.0	2.5	12.0	10.0	90.0
	2.0	18.0	130.0				
47107-M426	0.5	18.5	0.4	6.2	3.4	844.0	0.7
	0.2	0.9	1.7	16.0	22.0	88.0	2.0
	16.0	53.0	0.3	2.0	237.0	55.0	91.0
	24.0	17.2	2.5	18.0	5.0	5.0	362.0
	62.0	30.0	7.0	2.5	11.0	10.0	69.0
	3.0	18.0	122.0				
47107-M427	0.5	16.2	0.4	6.4	3.5	757.0	0.8
	0.2	0.9	1.8	20.0	19.0	82.0	1.0
	17.0	55.0	0.3	0.5	239.0	58.0	96.0
	19.0	18.0	2.5	19.0	5.0	5.0	329.0
	67.0	32.0	8.0	2.5	12.0	10.0	69.0
	0.5	17.0	113.0				
47107-M428	0.5	22.1	0.5	6.7	3.5	759.0	0.8
	0.2	0.8	1.9	22.0	19.0	87.0	2.0
	18.0	55.0	0.6	0.5	197.0	62.0	103.0
	14.0	18.1	2.5	22.0	5.0	5.0	331.0
	71.0	34.0	8.0	2.5	12.0	10.0	84.0
	0.5	18.0	128.0				
47107-M429	0.5	36.1	0.4	6.5	3.5	762.0	1.0
	0.1	0.9	1.8	15.0	21.0	110.0	1.0
	16.0	57.0	0.3	0.5	177.0	76.0	98.0
	25.0	18.0	2.5	19.0	5.0	5.0	339.0
	63.0	31.0	8.0	2.5	13.0	10.0	55.0
	0.5	19.0	115.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M430	0.5	39.7	0.5	5.9	3.4	285.0	1.0
	0.1	0.9	1.6	11.0	15.0	85.0	1.0
	13.0	51.0	0.3	0.5	178.0	49.0	92.0
	2.5	17.3	2.5	18.0	5.0	5.0	300.0
	57.0	28.0	7.0	2.5	11.0	10.0	42.0
	3.0	14.0	108.0				
47107-M431	0.5	17.6	0.5	6.8	3.5	710.0	0.7
	0.2	0.8	1.9	23.0	20.0	103.0	0.5
	17.0	56.0	0.5	2.0	204.0	62.0	100.0
	2.5	18.2	2.5	20.0	5.0	5.0	322.0
	71.0	35.0	8.0	2.5	13.0	10.0	88.0
	0.5	18.0	127.0				
47107-M432	0.5	25.5	0.4	6.7	3.6	851.0	0.8
	0.2	0.9	1.9	19.0	24.0	83.0	6.0
	16.0	52.0	0.3	0.5	195.0	73.0	100.0
	2.5	18.1	2.5	19.0	5.0	5.0	369.0
	65.0	33.0	7.0	2.5	12.0	10.0	69.0
	0.5	18.0	127.0				
47107-M433	0.5	27.6	0.4	6.1	4.9	1726.0	1.0
	0.2	0.7	1.9	19.0	32.0	83.0	0.5
	19.0	44.0	0.3	0.5	176.0	45.0	103.0
	16.0	24.1	2.5	19.0	5.0	5.0	309.0
	98.0	49.0	8.0	2.5	11.0	10.0	62.0
	0.5	21.0	99.0				
47107-M434	0.5	20.1	0.4	6.4	3.3	745.0	0.7
	0.2	0.9	1.8	20.0	24.0	84.0	1.0
	17.0	52.0	0.3	0.5	208.0	70.0	95.0
	2.5	16.9	2.5	19.0	5.0	5.0	320.0
	66.0	32.0	7.0	2.5	12.0	10.0	68.0
	0.5	19.0	127.0				
47107-M435	0.5	21.3	0.4	7.0	3.8	781.0	0.9
	0.3	0.8	2.1	24.0	22.0	87.0	0.5
	19.0	55.0	0.5	0.5	191.0	59.0	103.0
	14.0	19.6	2.5	22.0	5.0	5.0	337.0
	86.0	42.0	8.0	2.5	13.0	10.0	83.0
	2.0	18.0	119.0				
47107-M436	0.5	24.9	0.4	7.0	3.8	802.0	0.9
	0.2	0.8	2.1	23.0	21.0	87.0	1.0
	19.0	57.0	0.6	0.5	191.0	58.0	103.0
	2.5	19.4	2.5	20.0	5.0	5.0	338.0
	84.0	41.0	8.0	2.5	13.0	10.0	75.0
	0.5	18.0	118.0				
47107-M437	0.5	25.1	0.4	5.9	3.9	508.0	0.9
	1.7	0.9	1.6	18.0	18.0	70.0	2.0
	17.0	58.0	1.0	0.5	190.0	45.0	84.0
	24.0	20.1	2.5	20.0	5.0	5.0	306.0
	60.0	31.0	9.0	2.5	11.0	10.0	123.0
	0.5	18.0	103.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-M438	0.5	25.1	0.4	5.6	3.5	369.0	0.8
	1.4	1.0	1.5	15.0	15.0	65.0	3.0
	14.0	53.0	0.7	0.5	214.0	44.0	79.0
	21.0	18.1	2.5	19.0	5.0	5.0	265.0
	61.0	32.0	8.0	2.5	10.0	10.0	108.0
	0.5	17.0	108.0				
47107-M439	1.0	25.3	0.5	5.7	4.0	478.0	0.8
	1.4	0.9	1.5	17.0	21.0	68.0	1.0
	17.0	58.0	0.9	0.5	203.0	43.0	86.0
	26.0	20.7	2.5	20.0	5.0	5.0	271.0
	62.0	32.0	8.0	2.5	11.0	10.0	106.0
	0.5	17.0	108.0				
47107-M440	0.5	19.5	0.4	5.9	4.1	848.0	0.9
	1.4	0.8	1.6	19.0	21.0	78.0	0.5
	18.0	55.0	1.0	0.5	234.0	49.0	88.0
	2.5	21.0	2.5	20.0	5.0	5.0	280.0
	73.0	35.0	9.0	2.5	11.0	10.0	95.0
	0.5	15.0	106.0				
47107-M441	0.5	22.0	0.4	5.9	3.8	872.0	0.9
	1.9	0.7	1.6	18.0	19.0	77.0	0.5
	17.0	52.0	0.9	0.5	180.0	49.0	86.0
	2.5	19.9	2.5	21.0	5.0	5.0	277.0
	65.0	33.0	10.0	2.5	11.0	10.0	120.0
	0.5	15.0	96.0				
47107-M442	0.5	24.2	0.4	5.7	4.2	838.0	0.9
	1.3	0.7	1.5	20.0	25.0	75.0	8.0
	19.0	56.0	0.8	0.5	199.0	48.0	86.0
	2.5	21.2	2.5	20.0	5.0	5.0	276.0
	73.0	36.0	9.0	2.5	11.0	10.0	88.0
	0.5	15.0	107.0				
47107-M443	0.5	28.0	0.4	5.7	3.6	414.0	0.8
	1.3	0.9	1.5	16.0	18.0	68.0	2.0
	16.0	53.0	0.9	0.5	205.0	43.0	80.0
	26.0	18.5	2.5	19.0	5.0	5.0	267.0
	62.0	32.0	8.0	2.5	10.0	10.0	107.0
	5.0	17.0	102.0				
47107-M444	0.5	36.1	0.4	5.7	3.7	466.0	0.8
	1.3	0.9	1.5	16.0	23.0	72.0	2.0
	16.0	52.0	1.0	0.5	167.0	43.0	83.0
	49.0	18.7	2.5	19.0	5.0	5.0	274.0
	63.0	32.0	8.0	2.5	11.0	10.0	105.0
	0.5	17.0	106.0				
47107-M445	0.5	24.7	0.3	5.1	3.3	375.0	0.9
	6.3	0.7	1.5	17.0	16.0	51.0	3.0
	14.0	45.0	0.3	0.5	164.0	41.0	70.0
	2.5	17.5	2.5	5.0	5.0	5.0	215.0
	43.0	37.0	10.0	2.5	10.0	10.0	331.0
	0.5	15.0	81.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R001	0.5	15.3	0.4	3.5	3.2	500.0	0.6
	0.3	0.6	1.1	11.0	9.0	57.0	4.0
	7.0	26.0	0.3	0.5	348.0	29.0	62.0
	15.0	0.3	2.5	11.0	5.0	5.0	236.0
	33.0	18.0	4.0	2.5	4.0	10.0	67.0
	0.5	11.0	80.0				
47107-R002	0.5	26.3	0.3	3.3	2.3	500.0	0.5
	0.2	0.5	1.1	6.0	7.0	60.0	2.0
	5.0	16.0	0.3	0.5	197.0	40.0	51.0
	2.5	0.3	2.5	11.0	5.0	5.0	237.0
	23.0	13.0	4.0	2.5	2.0	10.0	57.0
	1.0	6.0	52.0				
47107-R003	0.5	12.1	0.3	4.2	2.2	500.0	0.8
	0.3	0.6	1.4	6.0	3.0	59.0	0.5
	5.0	20.0	0.8	0.5	177.0	34.0	65.0
	15.0	0.3	2.5	16.0	5.0	5.0	236.0
	35.0	19.0	5.0	2.5	5.0	10.0	66.0
	2.0	10.0	64.0				
47107-R004	0.5	21.9	0.3	3.6	3.7	500.0	0.6
	0.4	0.6	1.2	13.0	7.0	52.0	1.0
	7.0	27.0	0.5	0.5	293.0	26.0	59.0
	6.0	0.3	2.5	14.0	5.0	5.0	322.0
	34.0	16.0	5.0	2.5	4.0	10.0	69.0
	1.0	9.0	57.0				
47107-R005	0.5	30.5	0.3	3.5	2.5	500.0	0.6
	0.3	0.5	1.2	8.0	9.0	54.0	0.5
	6.0	20.0	0.7	0.5	223.0	27.0	61.0
	2.5	0.3	2.5	13.0	5.0	5.0	258.0
	31.0	16.0	5.0	2.5	4.0	10.0	60.0
	0.5	9.0	58.0				
47107-R006	0.5	26.4	0.3	3.8	3.8	500.0	0.5
	0.1	0.4	1.1	12.0	7.0	65.0	0.5
	6.0	20.0	0.3	0.5	151.0	32.0	67.0
	2.5	0.3	2.5	14.0	5.0	5.0	253.0
	38.0	16.0	5.0	2.5	3.0	10.0	45.0
	0.5	6.0	83.0				
47107-R007	0.5	31.2	0.6	3.3	3.5	500.0	0.6
	0.4	0.6	1.1	7.0	7.0	50.0	0.5
	6.0	22.0	0.6	0.5	362.0	24.0	68.0
	6.0	0.3	2.5	15.0	5.0	5.0	257.0
	41.0	20.0	7.0	2.5	5.0	10.0	64.0
	0.5	13.0	96.0				
47107-R008	0.5	34.5	0.3	3.8	2.8	500.0	0.9
	1.2	0.6	1.3	11.0	4.0	49.0	1.0
	7.0	26.0	0.9	0.5	198.0	29.0	59.0
	7.0	0.3	2.5	16.0	5.0	5.0	324.0
	40.0	21.0	6.0	2.5	5.0	10.0	87.0
	2.0	14.0	52.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R009	0.5	25.9	1.0	3.0	8.8	1000.0	0.8
	0.8	0.6	0.8	10.0	1.0	73.0	0.5
	15.0	29.0	0.3	0.5	889.0	21.0	72.0
	2.5	0.3	7.0	18.0	5.0	5.0	235.0
	50.0	24.0	2.0	2.5	10.0	10.0	72.0
	0.5	25.0	120.0				
47107-R010	0.5	33.6	0.3	4.8	3.1	1000.0	0.9
	0.3	0.6	1.6	14.0	10.0	79.0	0.5
	13.0	34.0	0.6	0.5	150.0	45.0	78.0
	2.5	0.3	2.5	17.0	5.0	5.0	443.0
	52.0	25.0	6.0	2.5	6.0	10.0	55.0
	2.0	13.0	68.0				
47107-R011	0.5	34.9	0.8	4.0	5.9	1000.0	0.7
	0.5	0.6	1.2	26.0	20.0	72.0	8.0
	23.0	47.0	0.3	0.5	502.0	36.0	89.0
	8.0	0.3	2.5	16.0	5.0	5.0	351.0
	47.0	23.0	6.0	2.5	7.0	10.0	70.0
	0.5	19.0	85.0				
47107-R012	3.0	41.0	0.6	4.8	4.6	500.0	0.8
	0.3	0.6	1.6	19.0	13.0	77.0	3.0
	15.0	37.0	0.3	0.5	328.0	43.0	90.0
	6.0	0.3	2.5	17.0	5.0	5.0	392.0
	50.0	25.0	6.0	2.5	7.0	10.0	63.0
	0.5	14.0	74.0				
47107-R013	0.5	47.3	0.4	4.5	5.2	1000.0	0.7
	0.3	0.5	1.5	23.0	15.0	100.0	3.0
	15.0	43.0	0.3	0.5	216.0	51.0	84.0
	2.5	0.3	2.5	16.0	5.0	5.0	467.0
	47.0	23.0	7.0	2.5	6.0	10.0	58.0
	0.5	14.0	67.0				
47107-R014	0.5	47.8	0.4	3.4	3.1	1000.0	0.5
	0.3	0.4	1.1	9.0	6.0	133.0	0.5
	10.0	28.0	0.6	0.5	183.0	43.0	62.0
	2.5	0.3	2.5	13.0	5.0	5.0	285.0
	41.0	17.0	4.0	2.5	4.0	10.0	52.0
	0.5	10.0	49.0				
47107-R015	0.5	40.3	0.6	4.8	6.3	1000.0	0.8
	0.4	0.6	1.6	32.0	18.0	92.0	0.5
	24.0	52.0	0.3	0.5	181.0	45.0	93.0
	13.0	0.3	2.5	18.0	5.0	5.0	501.0
	56.0	28.0	8.0	2.5	8.0	10.0	65.0
	4.0	18.0	90.0				
47107-R016	2.0	42.7	1.6	3.7	9.3	1000.0	0.7
	0.3	0.4	1.2	33.0	24.0	98.0	0.5
	29.0	60.0	0.3	0.5	618.0	37.0	128.0
	7.0	0.3	2.5	20.0	5.0	5.0	437.0
	50.0	24.0	0.5	2.5	8.0	10.0	53.0
	0.5	19.0	76.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R017	0.5	27.3	0.7	4.2	4.1	500.0	0.7
	0.3	0.5	1.4	16.0	16.0	67.0	0.5
	11.0	37.0	0.8	0.5	301.0	34.0	88.0
	15.0	0.3	2.5	18.0	5.0	5.0	458.0
	45.0	21.0	6.0	2.5	6.0	10.0	52.0
	0.5	13.0	73.0				
47107-R018	15.0	45.1	1.1	3.4	5.0	1000.0	0.8
	1.1	0.7	1.0	15.0	7.0	58.0	0.5
	9.0	23.0	0.3	0.5	451.0	21.0	73.0
	2.5	0.3	2.5	17.0	5.0	5.0	327.0
	43.0	22.0	2.0	2.5	8.0	10.0	89.0
	0.5	21.0	102.0				
47107-R019	0.5	35.9	0.4	3.5	2.5	500.0	0.6
	0.2	0.4	1.2	7.0	20.0	57.0	0.5
	7.0	21.0	0.7	0.5	255.0	36.0	65.0
	2.5	0.3	2.5	14.0	5.0	5.0	274.0
	31.0	17.0	3.0	2.5	4.0	10.0	61.0
	3.0	10.0	57.0				
47107-R020	0.5	33.4	0.3	4.2	3.2	500.0	0.7
	0.2	0.5	1.4	12.0	11.0	71.0	4.0
	8.0	26.0	0.3	0.5	207.0	41.0	68.0
	10.0	0.3	2.5	13.0	5.0	5.0	295.0
	37.0	21.0	4.0	2.5	5.0	10.0	61.0
	3.0	12.0	63.0				
47107-R021	0.5	26.4	0.3	3.9	2.8	500.0	0.6
	0.2	0.5	1.3	10.0	10.0	67.0	2.0
	8.0	24.0	0.3	0.5	225.0	40.0	68.0
	2.5	0.3	2.5	12.0	5.0	5.0	283.0
	32.0	19.0	4.0	2.5	4.0	10.0	56.0
	0.5	10.0	63.0				
47107-R022	0.5	36.3	0.8	3.8	4.9	1000.0	0.7
	0.3	0.5	1.3	15.0	12.0	71.0	0.5
	12.0	33.0	0.3	0.5	350.0	37.0	85.0
	2.5	0.3	2.5	15.0	5.0	5.0	382.0
	46.0	24.0	6.0	2.5	6.0	10.0	55.0
	2.0	16.0	76.0				
47107-R023	0.5	35.7	0.5	5.3	4.9	1000.0	1.2
	0.3	0.8	1.9	20.0	15.0	68.0	2.0
	15.0	44.0	0.3	0.5	200.0	47.0	69.0
	2.5	0.3	2.5	15.0	5.0	5.0	391.0
	60.0	28.0	6.0	2.5	7.0	10.0	53.0
	0.5	18.0	98.0				
47107-R024	2.0	27.7	1.0	4.9	5.8	1000.0	0.8
	0.5	0.7	1.5	21.0	19.0	85.0	0.5
	19.0	41.0	0.3	1.0	414.0	43.0	105.0
	2.5	0.3	8.0	20.0	5.0	5.0	421.0
	56.0	28.0	7.0	2.5	9.0	10.0	79.0
	0.5	20.0	103.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R025	0.5	31.1	1.3	3.7	7.9	1000.0	0.8
	0.6	0.6	1.0	19.0	16.0	80.0	0.5
	18.0	43.0	0.3	0.5	1010.0	30.0	101.0
	2.5	0.3	7.0	18.0	5.0	5.0	318.0
	53.0	28.0	3.0	2.5	9.0	10.0	74.0
	0.5	24.0	94.0				
47107-R026	0.5	36.8	1.1	3.8	10.0	1000.0	0.8
	0.6	0.6	1.1	22.0	18.0	92.0	0.5
	26.0	68.0	0.3	0.5	1749.0	28.0	104.0
	2.5	0.3	10.0	20.0	5.0	5.0	327.0
	59.0	30.0	0.5	2.5	10.0	10.0	75.0
	3.0	26.0	48.0				
47107-R027	0.5	36.8	0.4	6.7	5.0	2000.0	1.0
	0.2	0.6	2.3	29.0	24.0	139.0	0.5
	26.0	52.0	0.5	0.5	103.0	58.0	120.0
	19.0	0.3	2.5	22.0	5.0	5.0	601.0
	74.0	35.0	8.0	2.5	10.0	10.0	56.0
	3.0	17.0	100.0				
47107-R028	0.5	31.0	0.4	5.4	3.7	1000.0	0.9
	0.2	0.5	1.9	20.0	14.0	89.0	0.5
	17.0	38.0	0.3	0.5	132.0	58.0	99.0
	2.5	0.3	2.5	17.0	5.0	5.0	586.0
	55.0	28.0	6.0	2.5	8.0	10.0	51.0
	0.5	15.0	81.0				
47107-R029	0.5	28.7	0.3	3.3	2.1	500.0	0.7
	1.9	0.6	1.1	9.0	6.0	48.0	0.5
	5.0	19.0	0.6	0.5	206.0	22.0	47.0
	2.5	0.3	2.5	11.0	5.0	5.0	230.0
	27.0	18.0	6.0	2.5	3.0	10.0	110.0
	2.0	10.0	70.0				
47107-R030	0.5	40.8	0.4	4.8	3.8	1000.0	1.1
	0.3	0.9	1.7	13.0	16.0	94.0	8.0
	15.0	34.0	0.3	0.5	149.0	42.0	60.0
	2.5	0.3	2.5	15.0	5.0	5.0	368.0
	58.0	29.0	6.0	2.5	5.0	10.0	53.0
	0.5	16.0	89.0				
47107-R031	0.5	40.0	0.5	3.5	4.0	500.0	0.7
	0.3	0.6	1.2	15.0	11.0	64.0	3.0
	13.0	31.0	0.7	0.5	260.0	34.0	60.0
	2.5	0.3	2.5	13.0	5.0	5.0	340.0
	43.0	22.0	5.0	2.5	5.0	10.0	57.0
	0.5	13.0	69.0				
47107-R032	5.0	29.5	0.8	4.6	6.4	1000.0	0.8
	0.4	0.6	1.5	39.0	31.0	94.0	2.0
	34.0	61.0	0.3	1.0	235.0	46.0	98.0
	2.5	0.3	2.5	17.0	5.0	5.0	475.0
	52.0	28.0	6.0	2.5	8.0	10.0	64.0
	3.0	19.0	75.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R033	2.0	30.5	0.6	4.7	6.5	1000.0	0.8
	0.3	0.5	1.5	37.0	24.0	98.0	1.0
	30.0	60.0	0.3	0.5	242.0	46.0	92.0
	2.5	0.3	2.5	18.0	5.0	5.0	478.0
	53.0	26.0	7.0	2.5	7.0	10.0	59.0
	0.5	17.0	70.0				
47107-R034	1.0	35.6	0.7	4.6	6.0	1000.0	0.8
	0.3	0.5	1.5	29.0	23.0	92.0	1.0
	29.0	55.0	0.3	0.5	217.0	45.0	98.0
	2.5	0.3	2.5	18.0	5.0	5.0	466.0
	56.0	29.0	5.0	2.5	8.0	10.0	56.0
	0.5	18.0	67.0				
47107-R035	0.5	31.4	0.5	5.0	4.5	1000.0	0.8
	0.3	0.6	1.6	27.0	20.0	89.0	0.5
	21.0	44.0	0.3	0.5	195.0	48.0	91.0
	12.0	0.3	2.5	17.0	5.0	5.0	500.0
	54.0	28.0	6.0	2.5	7.0	10.0	60.0
	0.5	17.0	72.0				
47107-R036	0.5	29.3	0.7	5.0	8.0	1000.0	0.9
	0.4	0.6	1.6	45.0	26.0	101.0	0.5
	33.0	66.0	0.3	0.5	207.0	48.0	98.0
	2.5	0.3	2.5	18.0	5.0	5.0	479.0
	60.0	31.0	7.0	2.5	8.0	10.0	63.0
	0.5	19.0	73.0				
47107-R037	0.5	27.0	0.4	5.2	3.7	1000.0	0.8
	0.3	0.6	1.7	23.0	16.0	89.0	2.0
	16.0	39.0	0.3	0.5	171.0	49.0	86.0
	2.5	0.3	2.5	16.0	5.0	5.0	527.0
	52.0	28.0	5.0	28.0	8.0	10.0	68.0
	0.5	18.0	117.0				
47107-R038	0.5	29.5	0.3	3.6	2.5	500.0	0.7
	0.9	0.6	1.2	10.0	9.0	52.0	0.5
	7.0	22.0	0.3	0.5	245.0	27.0	62.0
	2.5	0.3	2.5	12.0	5.0	5.0	282.0
	30.0	18.0	5.0	9.0	4.0	10.0	88.0
	0.5	12.0	70.0				
47107-R039	0.5	29.4	0.5	3.0	7.1	1000.0	0.7
	0.7	0.6	0.8	11.0	5.0	68.0	0.5
	18.0	36.0	0.3	0.5	1207.0	22.0	47.0
	2.5	0.3	2.5	13.0	5.0	5.0	252.0
	39.0	20.0	0.5	2.5	9.0	10.0	76.0
	0.5	24.0	90.0				
47107-R040	0.5	31.0	0.2	1.3	1.2	500.0	0.2
	0.5	0.3	0.4	4.0	1.0	21.0	0.5
	3.0	7.0	0.3	0.5	303.0	11.0	23.0
	2.5	0.3	2.5	5.0	5.0	5.0	106.0
	14.0	8.0	2.0	2.5	0.5	10.0	42.0
	0.5	5.0	36.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R041	0.5	36.6	0.2	3.3	1.8	500.0	0.8
	3.2	0.6	1.1	9.0	13.0	48.0	1.0
	4.0	18.0	0.5	0.5	129.0	22.0	43.0
	2.5	0.3	2.5	8.0	5.0	5.0	268.0
	18.0	17.0	5.0	2.5	3.0	10.0	150.0
	0.5	11.0	40.0				
47107-R042	0.5	38.8	0.6	4.6	6.1	1000.0	1.1
	2.5	1.3	1.0	7.0	7.0	62.0	0.5
	13.0	19.0	0.3	0.5	247.0	15.0	5.0
	0.0	0.3	2.5	15.0	5.0	5.0	374.0
	38.0	26.0	0.5	2.5	13.0	10.0	201.0
	0.5	35.0	89.0				
47107-R043	7.0	32.6	0.6	4.5	3.2	500.0	0.7
	2.0	1.3	1.2	6.0	11.0	45.0	1.0
	7.0	15.0	0.5	1.0	231.0	16.0	55.0
	2.5	0.3	2.5	15.0	5.0	5.0	412.0
	28.0	18.0	2.0	2.5	7.0	10.0	207.0
	2.0	20.0	75.0				
47107-R044	0.5	35.7	0.3	4.0	2.7	1000.0	0.8
	0.3	0.7	1.3	11.0	12.0	76.0	0.5
	9.0	29.0	0.3	0.5	202.0	35.0	57.0
	2.5	0.3	2.5	10.0	5.0	5.0	320.0
	36.0	20.0	2.0	2.5	4.0	10.0	61.0
	0.5	11.0	61.0				
47107-R045	0.5	32.8	0.4	3.7	2.7	1000.0	0.7
	0.3	0.7	1.2	11.0	13.0	59.0	0.5
	10.0	30.0	0.3	0.5	193.0	29.0	55.0
	7.0	0.3	2.5	9.0	5.0	5.0	322.0
	36.0	20.0	3.0	2.5	4.0	10.0	61.0
	0.5	13.0	66.0				
47107-R046	0.5	27.2	0.3	3.9	2.4	1000.0	0.8
	0.3	0.7	1.3	10.0	7.0	58.0	0.5
	8.0	26.0	0.3	0.5	231.0	32.0	53.0
	2.5	0.3	2.5	12.0	5.0	5.0	292.0
	40.0	21.0	2.0	2.5	4.0	10.0	65.0
	0.5	12.0	68.0				
47107-R047	0.5	33.6	0.2	2.7	1.4	500.0	0.4
	0.4	0.7	0.8	4.0	4.0	26.0	11.0
	3.0	13.0	0.3	0.5	242.0	19.0	27.0
	2.5	0.3	2.5	5.0	5.0	5.0	220.0
	18.0	11.0	2.0	2.5	1.0	10.0	72.0
	0.5	8.0	48.0				
47107-R100	0.5	17.4	0.2	3.6	1.9	500.0	0.6
	0.4	0.5	1.2	8.0	6.0	47.0	3.0
	5.0	17.0	0.3	0.5	177.0	26.0	63.0
	2.5	0.3	2.5	10.0	5.0	5.0	221.0
	27.0	16.0	4.0	2.5	3.0	10.0	62.0
	0.5	7.0	54.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-R101	0.5 0.3 6.0 2.5 27.0 0.5	20.7 0.5 21.0 0.3 17.0 10.0	0.2 1.2 0.3 2.5 3.0 48.0	3.7 11.0 0.5 10.0 2.5	2.0 6.0 197.0 5.0 4.0	500.0 60.0 27.0 5.0 10.0	0.6 2.0 58.0 220.0 60.0
47107-R102	0.5 0.3 5.0 2.5 26.0 0.5	22.7 0.5 20.0 0.3 17.0 9.0	0.2 1.2 0.3 2.5 2.0 41.0	3.6 9.0 0.5 9.0 2.5	1.8 7.0 168.0 5.0 3.0	500.0 57.0 25.0 5.0 10.0	0.6 0.5 56.0 212.0 58.0
47107-R103	0.5 0.4 8.0 2.5 35.0 0.5	12.3 0.5 26.0 0.3 19.0 11.0	0.3 1.2 0.6 2.5 4.0 53.0	3.8 13.0 0.5 14.0 2.5	2.5 10.0 237.0 5.0 4.0	500.0 61.0 27.0 5.0 10.0	0.6 1.0 66.0 188.0 69.0
47107-R104	0.5 0.8 7.0 2.5 44.0 0.5	15.1 0.5 22.0 0.3 23.0 16.0	0.3 1.5 0.7 2.5 5.0 44.0	4.2 15.0 0.5 15.0 2.5	2.1 8.0 175.0 5.0 6.0	500.0 62.0 33.0 5.0 10.0	0.6 0.5 60.0 307.0 75.0
47107-R105	0.5 0.6 16.0 2.5 52.0 0.5	24.2 0.5 38.0 0.3 27.0 15.0	0.4 2.2 0.3 2.5 6.0 63.0	6.0 19.0 0.5 19.0 2.5	4.3 12.0 292.0 5.0 9.0	500.0 73.0 66.0 5.0 10.0	0.9 0.5 86.0 403.0 82.0
47107-R106	0.5 0.3 8.0 5.0 38.0 0.5	21.0 0.4 31.0 0.3 21.0 13.0	0.3 1.2 0.3 2.5 3.0 47.0	3.9 16.0 0.5 12.0 2.5	2.8 14.0 196.0 5.0 5.0	500.0 92.0 33.0 5.0 10.0	0.5 0.5 66.0 218.0 65.0
47107-R107	5.0 0.3 11.0 2.5 47.0 0.5	16.1 0.5 40.0 0.3 25.0 15.0	0.5 1.2 0.3 2.5 5.0 64.0	4.1 20.0 0.5 13.0 2.5	5.3 34.0 410.0 5.0 6.0	500.0 111.0 33.0 5.0 10.0	0.6 0.5 81.0 265.0 68.0
47107-R108	0.5 0.4 20.0 2.5 30.0 0.5	13.7 0.5 183.0 0.3 21.0 11.0	0.2 1.3 0.3 2.5 5.0 60.0	3.9 14.0 0.5 9.0 2.5	3.4 10.0 1099.0 5.0 5.0	500.0 83.0 33.0 5.0 10.0	2.3 3.0 70.0 253.0 63.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R109	0.5	20.4	0.2	3.9	3.7	500.0	2.5
	0.4	0.4	1.3	14.0	8.0	89.0	2.0
	24.0	204.0	0.3	0.5	1677.0	32.0	74.0
	2.5	0.3	2.5	12.0	5.0	5.0	237.0
	35.0	21.0	6.0	2.5	5.0	10.0	60.0
	0.5	11.0	58.0				
47107-R110	2.0	12.1	0.2	2.7	10.0	1000.0	4.2
	1.6	0.3	0.8	16.0	1.0	132.0	2.0
	83.0	610.0	0.3	0.5	8646.0	21.0	102.0
	2.5	0.3	8.0	18.0	5.0	5.0	183.0
	28.0	22.0	10.0	7.0	5.0	10.0	78.0
	0.5	9.0	35.0				
47107-R111	0.5	17.7	0.2	2.9	8.6	1000.0	4.2
	1.6	0.3	0.9	15.0	1.0	105.0	1.0
	64.0	537.0	0.3	0.5	5885.0	23.0	87.0
	7.0	0.3	7.0	17.0	5.0	5.0	166.0
	29.0	21.0	10.0	2.5	5.0	10.0	79.0
	2.0	10.0	46.0				
47107-R112	0.5	15.4	0.7	3.9	4.1	500.0	0.6
	0.3	0.5	1.2	11.0	65.0	71.0	1.0
	10.0	36.0	0.3	0.5	753.0	41.0	84.0
	2.5	0.3	2.5	16.0	5.0	5.0	257.0
	42.0	22.0	1.0	2.5	5.0	10.0	63.0
	0.5	14.0	63.0				
47107-R113	0.5	14.6	0.3	3.3	2.1	500.0	0.4
	0.2	0.4	1.1	9.0	12.0	54.0	0.5
	7.0	27.0	0.3	0.5	164.0	35.0	52.0
	2.5	0.3	2.5	8.0	5.0	5.0	214.0
	30.0	18.0	2.0	2.5	5.0	10.0	51.0
	0.5	9.0	43.0				
47107-R114	0.5	18.5	0.2	3.3	2.7	500.0	0.5
	0.2	0.4	1.2	17.0	18.0	64.0	0.5
	10.0	33.0	0.3	0.5	128.0	26.0	63.0
	17.0	0.3	2.5	10.0	5.0	5.0	176.0
	31.0	18.0	3.0	2.5	5.0	10.0	50.0
	0.5	9.0	50.0				
47107-R115	0.5	16.2	0.3	3.7	4.6	500.0	0.5
	0.1	0.3	1.3	33.0	49.0	101.0	0.5
	11.0	34.0	0.3	0.5	124.0	25.0	67.0
	23.0	0.3	2.5	9.0	5.0	5.0	233.0
	43.0	22.0	4.0	2.5	6.0	27.0	49.0
	0.5	10.0	57.0				
47107-R116	0.5	10.2	0.3	3.8	2.2	500.0	0.6
	0.2	0.4	1.3	12.0	16.0	129.0	0.5
	7.0	31.0	0.3	0.5	168.0	39.0	68.0
	15.0	0.3	2.5	10.0	5.0	5.0	212.0
	35.0	21.0	4.0	2.5	5.0	10.0	52.0
	2.0	10.0	57.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-R117	0.5 0.2 8.0 7.0 35.0 0.5	16.0 0.3 28.0 0.3 19.0 9.0	0.2 1.2 0.5 2.5 3.0 50.0	3.5 11.0 0.5 10.0 2.5	2.0 14.0 149.0 5.0 5.0	500.0 98.0 28.0 5.0 10.0	0.5 0.5 63.0 182.0 50.0
47107-R118	435.0 0.2 8.0 20.0 30.0 0.5	24.2 0.3 26.0 0.3 18.0 9.0	0.2 1.0 0.3 2.5 3.0 45.0	3.0 13.0 0.5 9.0 2.5	3.2 27.0 139.0 5.0 5.0	500.0 79.0 25.0 5.0 10.0	0.4 0.5 58.0 162.0 47.0
47107-R119	0.5 0.2 7.0 21.0 30.0 0.5	14.0 0.3 25.0 0.3 17.0 8.0	0.2 1.1 0.3 2.5 3.0 44.0	3.2 11.0 0.5 10.0 2.5	2.0 13.0 180.0 5.0 5.0	500.0 65.0 26.0 5.0 10.0	0.5 0.5 60.0 169.0 53.0
47107-R120	0.5 0.2 10.0 2.5 40.0 4.0	14.6 0.4 34.0 0.3 21.0 11.0	0.3 1.2 0.3 2.5 4.0 50.0	3.6 14.0 0.5 11.0 2.5	2.8 17.0 224.0 5.0 6.0	500.0 64.0 25.0 5.0 10.0	0.5 0.5 67.0 213.0 55.0
47107-R121	0.5 0.2 11.0 21.0 41.0 0.5	16.1 0.4 38.0 0.3 23.0 13.0	0.3 1.1 0.7 2.5 3.0 48.0	3.5 15.0 0.5 11.0 2.5	3.9 23.0 483.0 5.0 6.0	500.0 88.0 33.0 5.0 10.0	0.6 0.5 70.0 227.0 53.0
47107-R122	0.5 0.4 10.0 12.0 36.0 0.5	16.8 0.5 27.0 0.3 21.0 15.0	0.7 1.1 0.8 2.5 0.5 71.0	3.2 8.0 0.5 12.0 2.5	4.7 15.0 477.0 5.0 7.0	500.0 65.0 24.0 5.0 10.0	0.5 0.5 64.0 283.0 77.0
47107-R123	0.5 0.4 8.0 2.5 26.0 0.5	10.6 0.6 24.0 0.3 17.0 12.0	0.5 1.1 0.3 2.5 0.5 68.0	3.0 9.0 0.5 9.0 2.5	2.8 14.0 354.0 5.0 5.0	500.0 48.0 18.0 5.0 21.0	0.4 0.5 56.0 275.0 77.0
47107-R124	0.5 0.3 10.0 7.0 31.0 6.0	21.6 0.5 27.0 0.3 20.0 11.0	0.8 1.2 0.3 2.5 0.5 72.0	3.3 8.0 0.5 11.0 2.5	4.2 14.0 299.0 5.0 6.0	500.0 58.0 26.0 5.0 10.0	0.5 0.5 73.0 250.0 68.0

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R125	0.5	19.5	0.7	3.3	4.6	500.0	0.5
	0.3	0.5	1.1	9.0	11.0	70.0	0.5
	10.0	29.0	0.7	0.5	375.0	26.0	69.0
	2.5	0.3	2.5	12.0	5.0	5.0	254.0
	32.0	20.0	2.0	2.5	7.0	10.0	68.0
	0.5	13.0	67.0				
47107-R126	0.5	23.1	0.3	3.8	2.0	500.0	0.5
	0.2	0.4	1.3	9.0	12.0	62.0	0.5
	7.0	26.0	0.3	0.5	172.0	30.0	58.0
	6.0	0.3	2.5	10.0	5.0	5.0	270.0
	33.0	19.0	1.0	2.5	5.0	10.0	57.0
	4.0	9.0	54.0				
47107-R127	0.5	29.4	0.3	3.8	2.4	500.0	0.5
	0.4	0.8	1.3	9.0	11.0	53.0	0.5
	6.0	24.0	0.3	0.5	256.0	26.0	50.0
	2.5	0.3	2.5	11.0	5.0	5.0	336.0
	34.0	19.0	1.0	2.5	5.0	10.0	93.0
	0.5	11.0	57.0				
47107-R128	0.5	17.3	0.3	3.0	2.6	500.0	0.4
	0.2	0.4	1.0	11.0	16.0	45.0	0.5
	8.0	26.0	0.3	0.5	283.0	19.0	55.0
	2.5	0.3	2.5	9.0	5.0	5.0	229.0
	32.0	16.0	2.0	2.5	5.0	10.0	46.0
	0.5	10.0	55.0				
47107-R129	0.5	10.9	0.3	4.1	2.3	500.0	0.5
	0.2	0.3	1.3	11.0	12.0	125.0	0.5
	9.0	35.0	0.3	0.5	235.0	47.0	68.0
	2.5	0.3	2.5	10.0	5.0	5.0	258.0
	41.0	24.0	3.0	2.5	6.0	10.0	50.0
	0.5	12.0	53.0				
47107-R130	0.5	26.2	0.5	2.4	3.0	500.0	0.4
	0.3	0.4	0.8	12.0	14.0	48.0	0.5
	9.0	25.0	0.3	0.5	258.0	17.0	53.0
	9.0	0.3	2.5	7.0	5.0	5.0	421.0
	27.0	16.0	0.5	2.5	5.0	10.0	54.0
	0.5	11.0	61.0				
47107-R131	0.5	17.9	0.6	2.6	3.3	500.0	0.4
	0.3	0.5	0.9	12.0	12.0	49.0	0.5
	8.0	28.0	0.5	0.5	325.0	18.0	58.0
	6.0	0.3	2.5	9.0	5.0	5.0	228.0
	32.0	18.0	0.5	2.5	5.0	10.0	57.0
	3.0	12.0	72.0				
47107-R132	0.5	17.8	0.2	2.9	1.6	500.0	0.4
	0.2	0.4	1.0	6.0	19.0	70.0	0.5
	5.0	19.0	0.3	0.5	169.0	28.0	45.0
	17.0	0.3	2.5	7.0	5.0	5.0	215.0
	22.0	14.0	1.0	2.5	4.0	10.0	49.0
	0.5	7.0	38.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R133	5.0	23.7	0.3	2.9	2.0	500.0	0.5
	0.5	0.7	0.9	6.0	8.0	38.0	0.5
	6.0	19.0	0.3	0.5	232.0	19.0	36.0
	2.5	0.3	2.5	9.0	5.0	5.0	245.0
	28.0	16.0	1.0	2.5	4.0	10.0	76.0
	0.5	10.0	52.0				
47107-R134	0.5	16.9	0.3	3.0	2.0	500.0	0.5
	0.3	0.6	1.0	7.0	8.0	51.0	0.5
	6.0	22.0	0.3	0.5	226.0	24.0	39.0
	20.0	0.3	2.5	8.0	5.0	5.0	262.0
	29.0	16.0	0.5	2.5	4.0	10.0	57.0
	0.5	9.0	46.0				
47107-R135	0.5	11.5	0.5	2.9	3.3	500.0	0.6
	0.6	0.6	0.9	9.0	10.0	52.0	0.5
	8.0	25.0	0.7	0.5	473.0	20.0	46.0
	2.5	0.3	2.5	10.0	5.0	5.0	242.0
	31.0	19.0	0.5	2.5	7.0	10.0	71.0
	0.5	17.0	70.0				
47107-R136	0.5	16.7	0.2	3.3	1.7	500.0	0.6
	0.2	0.4	1.2	8.0	9.0	60.0	0.5
	6.0	22.0	0.3	0.5	140.0	26.0	54.0
	15.0	0.3	2.5	9.0	5.0	5.0	254.0
	31.0	18.0	2.0	2.5	5.0	10.0	46.0
	4.0	9.0	47.0				
47107-R137	0.5	13.9	0.3	3.8	2.1	500.0	0.6
	0.2	0.4	1.3	9.0	10.0	72.0	0.5
	7.0	26.0	0.3	0.5	153.0	32.0	63.0
	2.5	0.3	2.5	10.0	5.0	5.0	226.0
	35.0	20.0	3.0	2.5	5.0	10.0	59.0
	0.5	10.0	54.0				
47107-R138	0.5	7.5	0.3	3.9	2.4	500.0	0.6
	0.2	0.5	1.3	10.0	14.0	78.0	0.5
	8.0	29.0	0.3	0.5	247.0	33.0	65.0
	24.0	0.3	2.5	10.0	5.0	5.0	407.0
	37.0	22.0	2.0	2.5	6.0	10.0	63.0
	0.5	10.0	57.0				
47107-R139	0.5	16.1	0.2	3.4	2.0	500.0	0.5
	0.0	0.5	1.1	10.0	10.0	54.0	0.5
	6.0	25.0	0.3	0.5	199.0	29.0	55.0
	15.0	0.3	2.5	9.0	5.0	5.0	266.0
	29.0	18.0	2.0	2.5	5.0	10.0	55.0
	4.0	9.0	34.0				
47107-R140	0.5	26.9	0.3	3.0	2.3	500.0	0.4
	0.3	0.5	1.0	9.0	16.0	43.0	0.5
	7.0	26.0	0.3	0.5	226.0	28.0	51.0
	15.0	0.3	2.5	7.0	5.0	5.0	238.0
	27.0	17.0	0.5	2.5	5.0	10.0	61.0
	2.0	10.0	52.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R200	0.5	21.7	0.4	5.9	4.1	500.0	1.0
	0.4	0.8	1.9	16.0	8.0	88.0	0.5
	12.0	41.0	0.3	0.5	246.0	51.0	86.0
	6.0	0.3	2.5	19.0	5.0	15.0	394.0
	46.0	23.0	6.0	2.5	8.0	10.0	85.0
	0.5	13.0	77.0				
47107-R201	0.5	20.0	0.4	5.2	7.6	500.0	1.0
	0.4	0.7	1.7	33.0	43.0	74.0	0.5
	25.0	87.0	0.3	0.5	277.0	50.0	86.0
	5.0	0.3	2.5	18.0	5.0	5.0	319.0
	57.0	22.0	7.0	2.5	7.0	10.0	72.0
	0.5	13.0	91.0				
47107-R202	0.5	25.7	0.3	4.3	7.3	1000.0	0.9
	0.5	0.7	1.4	32.0	65.0	121.0	2.0
	25.0	72.0	0.3	0.5	287.0	31.0	77.0
	9.0	0.3	2.5	15.0	5.0	5.0	314.0
	47.0	21.0	6.0	2.5	6.0	10.0	71.0
	0.5	13.0	84.0				
47107-R203	0.5	26.5	0.7	5.5	5.7	1000.0	1.2
	0.7	0.8	1.9	20.0	22.0	91.0	0.5
	22.0	51.0	0.3	0.5	404.0	38.0	110.0
	2.5	0.3	2.5	22.0	5.0	5.0	357.0
	67.0	27.0	7.0	2.5	9.0	10.0	82.0
	0.5	19.0	90.0				
47107-R204	0.5	22.0	0.3	5.3	2.9	500.0	1.1
	0.9	0.7	1.8	12.0	9.0	81.0	0.5
	9.0	38.0	0.6	0.5	175.0	64.0	77.0
	10.0	0.3	2.5	19.0	5.0	5.0	318.0
	47.0	24.0	7.0	2.5	7.0	10.0	82.0
	2.0	12.0	70.0				
47107-R205	0.5	22.2	0.3	4.1	2.4	500.0	0.7
	0.3	0.5	1.4	12.0	10.0	88.0	0.5
	9.0	34.0	0.7	0.5	160.0	46.0	74.0
	7.0	0.3	2.5	16.0	5.0	5.0	194.0
	39.0	19.0	6.0	2.5	5.0	10.0	61.0
	1.0	11.0	65.0				
47107-R206	0.5	20.1	0.3	3.5	2.0	500.0	0.6
	0.3	0.4	1.3	15.0	11.0	81.0	0.5
	7.0	42.0	0.9	0.5	213.0	36.0	66.0
	6.0	0.3	2.5	16.0	5.0	5.0	193.0
	36.0	17.0	5.0	2.5	3.0	10.0	49.0
	3.0	9.0	57.0				
47107-R207	0.5	24.4	0.3	3.9	2.8	500.0	0.7
	0.3	0.4	1.4	17.0	12.0	91.0	0.5
	8.0	30.0	0.8	0.5	174.0	32.0	73.0
	2.5	0.3	2.5	16.0	5.0	5.0	219.0
	39.0	20.0	5.0	2.5	4.0	10.0	51.0
	0.5	11.0	65.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R208	0.5	21.3	0.3	4.0	2.1	500.0	0.7
	0.2	0.4	1.4	12.0	9.0	94.0	0.5
	7.0	28.0	0.5	0.5	131.0	31.0	74.0
	2.5	0.3	2.5	15.0	5.0	5.0	195.0
	40.0	20.0	5.0	2.5	4.0	10.0	49.0
	2.0	11.0	63.0				
47107-R209	0.5	17.9	0.8	4.6	7.3	1000.0	1.0
	0.8	0.7	1.3	30.0	14.0	93.0	0.5
	22.0	69.0	0.6	0.5	1298.0	46.0	117.0
	30.0	0.3	2.5	21.0	5.0	5.0	507.0
	53.0	26.0	9.0	2.5	9.0	10.0	89.0
	0.5	18.0	84.0				
47107-R210	0.5	22.7	0.3	6.2	3.5	500.0	0.9
	0.5	0.6	2.3	15.0	13.0	79.0	3.0
	12.0	37.0	0.3	0.5	186.0	66.0	83.0
	6.0	0.3	2.5	18.0	5.0	5.0	349.0
	50.0	26.0	5.0	2.5	8.0	10.0	80.0
	0.5	14.0	82.0				
47107-R211	0.5	22.1	0.5	8.1	6.4	1000.0	1.0
	0.3	0.3	3.2	24.0	25.0	121.0	0.5
	23.0	62.0	0.3	0.5	202.0	97.0	116.0
	7.0	0.3	2.5	24.0	5.0	5.0	874.0
	73.0	37.0	7.0	2.5	11.0	10.0	75.0
	0.5	18.0	96.0				
47107-R212	0.5	23.8	0.6	4.9	4.4	500.0	1.0
	0.6	0.8	1.5	17.0	9.0	71.0	1.0
	13.0	41.0	0.3	0.5	655.0	44.0	86.0
	2.5	0.3	2.5	18.0	5.0	5.0	416.0
	45.0	23.0	6.0	2.5	8.0	10.0	87.0
	2.0	15.0	99.0				
47107-R213	0.5	21.5	0.6	4.6	4.0	500.0	1.0
	1.3	0.8	1.4	17.0	10.0	60.0	0.5
	11.0	41.0	0.3	0.5	585.0	37.0	80.0
	2.5	0.3	2.5	16.0	5.0	5.0	302.0
	41.0	22.0	4.0	2.5	7.0	10.0	102.0
	3.0	17.0	96.0				
47107-R214	0.5	21.2	0.4	4.4	2.9	500.0	0.8
	0.4	0.7	1.4	14.0	8.0	78.0	0.5
	9.0	32.0	0.3	0.5	295.0	46.0	75.0
	2.5	0.3	2.5	15.0	5.0	5.0	253.0
	36.0	20.0	3.0	2.5	6.0	10.0	72.0
	0.5	13.0	71.0				
47107-R215	0.5	20.0	0.3	4.0	2.6	500.0	0.5
	0.3	0.6	1.3	14.0	14.0	63.0	0.5
	8.0	31.0	0.3	0.5	205.0	26.0	64.0
	2.5	0.3	2.5	12.0	5.0	5.0	212.0
	39.0	20.0	4.0	2.5	4.0	10.0	78.0
	0.5	13.0	68.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R216	0.5	30.5	0.5	3.7	4.3	500.0	0.6
	0.5	0.6	1.1	17.0	13.0	68.0	0.5
	12.0	42.0	0.3	0.5	420.0	26.0	71.0
	2.5	0.3	2.5	14.0	5.0	5.0	243.0
	36.0	19.0	3.0	2.5	5.0	10.0	84.0
	2.0	15.0	71.0				
47107-R217	0.5	21.2	0.3	4.6	2.4	500.0	0.7
	0.2	0.6	1.6	11.0	10.0	88.0	0.5
	9.0	30.0	0.3	0.5	121.0	48.0	76.0
	2.5	0.3	2.5	13.0	5.0	5.0	293.0
	42.0	23.0	4.0	2.5	5.0	10.0	65.0
	0.5	13.0	82.0				
47107-R218	0.5	17.3	0.2	3.8	2.5	500.0	0.8
	0.3	0.4	1.4	12.0	26.0	86.0	0.5
	7.0	25.0	0.3	0.5	129.0	28.0	73.0
	6.0	0.3	2.5	11.0	5.0	5.0	217.0
	32.0	17.0	5.0	2.5	3.0	10.0	46.0
	0.5	9.0	58.0				
47107-R219	0.5	17.4	0.2	3.5	2.6	500.0	0.6
	0.2	0.4	1.3	13.0	20.0	76.0	7.0
	6.0	26.0	0.3	0.5	122.0	30.0	65.0
	7.0	0.3	2.5	9.0	5.0	5.0	183.0
	25.0	15.0	3.0	2.5	3.0	10.0	46.0
	0.5	8.0	49.0				
47107-R220	0.5	18.3	0.3	4.2	2.9	500.0	0.7
	0.2	0.5	1.5	13.0	19.0	87.0	3.0
	7.0	29.0	0.3	1.0	183.0	41.0	87.0
	2.5	0.3	5.0	14.0	5.0	5.0	250.0
	32.0	19.0	21.0	2.5	6.0	10.0	59.0
	1.0	10.0	84.0				
47107-R221	0.5	21.4	0.3	4.0	2.6	500.0	0.9
	1.0	0.6	1.5	12.0	9.0	73.0	2.0
	8.0	47.0	0.3	0.5	220.0	35.0	69.0
	2.5	0.3	2.5	15.0	5.0	5.0	228.0
	31.0	19.0	19.0	2.5	7.0	10.0	70.0
	3.0	11.0	79.0				
47107-R222	0.5	20.8	0.3	3.7	2.2	500.0	0.7
	0.5	0.5	1.4	12.0	8.0	69.0	0.5
	8.0	38.0	0.7	0.5	162.0	37.0	66.0
	2.5	0.3	2.5	15.0	5.0	5.0	203.0
	35.0	19.0	13.0	2.5	6.0	10.0	60.0
	4.0	11.0	72.0				
47107-R223	0.5	23.8	0.2	2.2	2.0	500.0	0.3
	0.1	0.3	0.7	8.0	5.0	26.0	0.5
	5.0	16.0	0.3	0.5	444.0	19.0	40.0
	2.5	0.3	2.5	9.0	5.0	16.0	186.0
	22.0	11.0	7.0	2.5	4.0	10.0	34.0
	0.5	6.0	129.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-R224	0.5	29.3	0.7	3.2	10.0	1000.0	0.6
	0.3	0.4	0.9	14.0	35.0	110.0	0.5
	37.0	86.0	4.0	0.5	1071.0	35.0	310.0
	2.5	0.3	2.5	38.0	5.0	5.0	190.0
	56.0	25.0	24.0	2.5	13.0	34.0	50.0
	2.0	22.0	107.0				
47107-R225	0.5	21.0	0.5	4.1	3.0	500.0	0.5
	0.2	0.4	1.4	11.0	9.0	95.0	0.5
	8.0	30.0	1.2	0.5	224.0	41.0	84.0
	2.5	0.3	2.5	21.0	5.0	5.0	233.0
	48.0	21.0	12.0	2.5	7.0	10.0	58.0
	4.0	12.0	88.0				
47107-R226	0.5	15.6	0.2	2.8	1.0	500.0	0.5
	0.1	0.4	1.0	2.0	4.0	50.0	0.5
	2.0	10.0	1.1	0.5	166.0	23.0	55.0
	2.5	0.3	2.5	16.0	5.0	5.0	141.0
	24.0	11.0	7.0	2.5	3.0	10.0	46.0
	3.0	4.0	51.0				
47107-R227	0.5	21.4	0.3	4.4	2.9	500.0	0.6
	0.2	0.5	1.6	11.0	13.0	69.0	0.5
	9.0	32.0	1.4	0.5	141.0	43.0	82.0
	2.5	0.3	2.5	22.0	5.0	5.0	226.0
	53.0	22.0	11.0	2.5	7.0	10.0	62.0
	0.5	12.0	103.0				
47107-R228	0.5	17.0	0.3	4.1	2.6	500.0	0.5
	0.2	0.4	1.5	9.0	20.0	83.0	0.5
	8.0	24.0	1.2	0.5	175.0	45.0	82.0
	2.5	0.3	2.5	22.0	5.0	5.0	214.0
	46.0	19.0	11.0	2.5	6.0	10.0	62.0
	3.0	10.0	94.0				
47107-R229	0.5	16.8	0.3	3.8	2.6	500.0	0.6
	0.2	0.4	1.3	11.0	13.0	82.0	7.0
	8.0	31.0	0.3	0.5	178.0	34.0	77.0
	2.5	0.3	2.5	9.0	5.0	5.0	188.0
	28.0	17.0	16.0	2.5	4.0	10.0	59.0
	2.0	10.0	76.0				
47107-R230	0.5	23.4	0.3	3.5	2.1	500.0	0.6
	0.2	0.4	1.4	10.0	7.0	100.0	2.0
	7.0	29.0	0.3	0.5	133.0	34.0	76.0
	2.5	0.3	2.5	11.0	5.0	5.0	158.0
	30.0	17.0	10.0	2.5	4.0	10.0	54.0
	1.0	9.0	72.0				
47107-R231	0.5	29.3	0.7	4.1	4.9	500.0	0.7
	0.3	0.5	1.4	15.0	13.0	88.0	1.0
	11.0	40.0	0.3	0.5	253.0	30.0	103.0
	2.5	0.3	2.5	14.0	5.0	5.0	250.0
	40.0	20.0	11.0	2.5	7.0	10.0	68.0
	6.0	13.0	96.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R232	0.5	29.6	0.6	4.3	4.3	500.0	0.6
	0.3	0.5	1.4	14.0	11.0	88.0	0.5
	11.0	38.0	0.3	0.5	228.0	30.0	99.0
	8.0	0.3	2.5	14.0	5.0	5.0	257.0
	42.0	22.0	9.0	2.5	6.0	10.0	70.0
	2.0	13.0	85.0				
47107-R233	0.5	20.2	0.4	3.7	2.9	500.0	0.6
	0.3	0.6	1.3	9.0	9.0	71.0	0.5
	9.0	29.0	0.3	0.5	329.0	34.0	69.0
	2.5	0.3	2.5	12.0	5.0	5.0	260.0
	29.0	16.0	7.0	2.5	4.0	10.0	71.0
	0.5	10.0	73.0				
47107-R234	0.5	21.9	0.3	3.1	1.8	500.0	0.5
	0.3	0.6	1.0	5.0	3.0	41.0	0.5
	4.0	19.0	0.3	0.5	294.0	28.0	55.0
	2.5	0.3	2.5	9.0	5.0	5.0	228.0
	19.0	12.0	5.0	2.5	2.0	10.0	68.0
	0.5	7.0	56.0				
47107-R235	0.5	18.3	0.5	3.8	3.4	500.0	0.6
	0.4	0.6	1.2	10.0	10.0	75.0	1.0
	10.0	33.0	0.3	0.5	346.0	34.0	70.0
	2.5	0.3	2.5	12.0	5.0	5.0	265.0
	36.0	19.0	7.0	2.5	5.0	10.0	74.0
	0.5	11.0	70.0				
47107-R236	0.5	22.3	0.4	3.7	2.8	500.0	0.6
	0.3	0.5	1.2	9.0	6.0	52.0	1.0
	7.0	28.0	0.3	0.5	300.0	31.0	64.0
	2.5	0.3	2.5	13.0	5.0	5.0	258.0
	32.0	16.0	4.0	2.5	4.0	10.0	62.0
	0.5	10.0	63.0				
47107-R237	0.5	22.5	0.4	3.8	3.4	500.0	0.6
	0.3	0.6	1.1	11.0	11.0	76.0	0.5
	11.0	33.0	0.3	1.0	365.0	37.0	62.0
	2.5	0.3	2.5	15.0	5.0	5.0	310.0
	33.0	16.0	4.0	2.5	4.0	10.0	66.0
	0.5	11.0	52.0				
47107-R238	0.5	26.5	0.5	4.3	3.5	500.0	0.6
	0.4	0.7	1.3	11.0	5.0	71.0	1.0
	10.0	32.0	0.3	0.5	387.0	35.0	65.0
	2.5	0.3	2.5	16.0	5.0	5.0	304.0
	41.0	22.0	4.0	2.5	6.0	10.0	85.0
	0.5	16.0	78.0				
47107-R239	0.5	16.4	0.3	4.0	2.2	500.0	0.6
	0.4	0.8	1.3	6.0	5.0	50.0	9.0
	5.0	22.0	0.3	0.5	209.0	34.0	54.0
	2.5	0.3	2.5	14.0	5.0	5.0	272.0
	31.0	18.0	5.0	2.5	3.0	10.0	93.0
	0.5	11.0	61.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R240	0.5	23.9	0.5	4.2	3.0	500.0	0.7
	0.5	0.8	1.3	8.0	8.0	62.0	3.0
	8.0	25.0	1.0	0.5	206.0	32.0	67.0
	2.5	0.3	2.5	19.0	5.0	5.0	276.0
	37.0	18.0	7.0	2.5	5.0	10.0	96.0
	0.5	13.0	66.0				
47107-R241	0.5	23.0	1.0	4.1	4.8	500.0	0.7
	0.3	0.5	1.3	9.0	10.0	102.0	1.0
	10.0	32.0	0.6	0.5	199.0	37.0	113.0
	2.5	0.3	2.5	19.0	5.0	5.0	246.0
	43.0	19.0	2.0	2.5	6.0	10.0	68.0
	0.5	13.0	63.0				
47107-R242	0.5	14.4	0.3	3.5	1.9	500.0	0.6
	0.2	0.4	1.1	4.0	6.0	59.0	1.0
	5.0	20.0	1.1	0.5	137.0	33.0	62.0
	7.0	0.3	2.5	15.0	5.0	5.0	192.0
	33.0	16.0	4.0	2.5	3.0	10.0	53.0
	0.5	8.0	54.0				
47107-R243	0.5	17.8	0.7	4.0	5.3	500.0	0.7
	0.3	0.5	1.3	14.0	6.0	68.0	1.0
	10.0	37.0	0.9	0.5	222.0	26.0	88.0
	5.0	0.3	6.0	18.0	5.0	5.0	229.0
	45.0	17.0	6.0	2.5	5.0	10.0	65.0
	0.5	11.0	73.0				
47107-R244	0.5	18.7	0.6	4.0	3.4	500.0	0.7
	0.3	0.5	1.3	10.0	5.0	67.0	0.5
	9.0	34.0	1.3	0.5	202.0	26.0	85.0
	2.5	0.3	2.5	19.0	5.0	5.0	237.0
	48.0	19.0	6.0	2.5	5.0	10.0	65.0
	0.5	11.0	75.0				
47107-R245	0.5	24.0	0.5	4.1	3.0	500.0	0.5
	0.4	0.7	1.4	6.0	6.0	75.0	0.5
	7.0	26.0	1.2	0.5	206.0	36.0	69.0
	2.5	0.3	2.5	19.0	5.0	5.0	307.0
	41.0	19.0	5.0	2.5	4.0	10.0	90.0
	0.5	11.0	77.0				
47107-R246	0.5	25.2	0.8	3.7	3.5	500.0	0.5
	0.5	0.7	1.2	4.0	4.0	54.0	0.5
	7.0	21.0	0.3	0.5	344.0	31.0	60.0
	2.5	0.3	2.5	15.0	5.0	5.0	303.0
	32.0	16.0	7.0	2.5	5.0	10.0	98.0
	1.0	13.0	78.0				
47107-R247	0.5	25.3	0.6	2.6	10.0	1000.0	0.6
	0.6	0.4	0.8	9.0	1.0	83.0	0.5
	22.0	47.0	0.3	1.0	897.0	20.0	120.0
	2.5	0.3	8.0	17.0	5.0	5.0	223.0
	44.0	20.0	0.5	2.5	9.0	10.0	58.0
	0.5	14.0	66.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R248	0.5	22.2	0.5	3.5	3.0	500.0	0.5
	0.3	0.6	1.1	6.0	5.0	70.0	0.5
	7.0	21.0	0.3	0.5	398.0	31.0	65.0
	2.5	0.3	2.5	13.0	5.0	5.0	303.0
	36.0	19.0	2.0	2.5	4.0	10.0	61.0
	0.5	12.0	67.0				
47107-R249	0.5	23.5	0.5	3.3	2.9	500.0	0.8
	1.2	0.6	1.1	9.0	8.0	46.0	1.0
	7.0	26.0	0.3	0.5	297.0	24.0	67.0
	2.5	0.3	2.5	13.0	5.0	5.0	285.0
	29.0	16.0	5.0	2.5	5.0	10.0	90.0
	0.5	12.0	88.0				
47107-R250	0.5	25.4	0.9	2.5	10.0	2000.0	0.8
	1.9	0.4	0.6	9.0	1.0	106.0	0.5
	17.0	45.0	0.3	0.5	1639.0	17.0	107.0
	9.0	0.3	17.0	21.0	5.0	5.0	174.0
	52.0	27.0	0.5	2.5	13.0	10.0	88.0
	0.5	30.0	64.0				
47107-R300	0.5	23.9	1.7	3.4	6.4	1000.0	0.8
	1.1	0.7	0.9	11.0	6.0	67.0	0.5
	11.0	32.0	0.3	0.5	818.0	20.0	109.0
	2.5	0.3	2.5	18.0	5.0	5.0	419.0
	48.0	24.0	2.0	2.5	10.0	10.0	89.0
	4.0	30.0	135.0				
47107-R301	0.5	16.5	0.8	3.1	3.4	500.0	0.8
	2.8	0.6	1.0	12.0	3.0	52.0	0.5
	7.0	23.0	0.3	0.5	481.0	20.0	66.0
	2.5	0.3	2.5	11.0	5.0	5.0	351.0
	30.0	20.0	6.0	2.5	5.0	10.0	133.0
	0.5	18.0	111.0				
47107-R302	0.5	18.5	0.9	2.6	3.4	1000.0	0.5
	0.6	0.7	0.7	4.0	3.0	40.0	1.0
	6.0	18.0	0.3	0.5	629.0	16.0	57.0
	2.5	0.3	2.5	13.0	5.0	5.0	229.0
	31.0	14.0	3.0	2.5	5.0	10.0	79.0
	0.5	17.0	133.0				
47107-R303	0.5	15.2	0.3	3.6	2.7	1000.0	0.6
	0.4	0.7	1.2	14.0	9.0	82.0	1.0
	11.0	39.0	0.3	0.5	322.0	27.0	51.0
	2.5	0.3	2.5	12.0	5.0	5.0	383.0
	40.0	19.0	4.0	2.5	4.0	10.0	72.0
	0.5	12.0	60.0				
47107-R304	1.0	22.6	0.8	3.1	10.0	1000.0	0.8
	0.8	0.6	0.8	41.0	15.0	87.0	0.5
	28.0	51.0	0.3	0.5	1232.0	20.0	95.0
	2.5	0.3	9.0	18.0	5.0	5.0	598.0
	48.0	24.0	5.0	2.5	12.0	10.0	73.0
	7.0	41.0	107.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R305	0.5	17.9	0.4	3.7	4.0	1000.0	0.6
	0.5	0.7	1.1	20.0	13.0	74.0	1.0
	19.0	47.0	0.3	0.5	407.0	27.0	66.0
	7.0	0.3	2.5	15.0	5.0	5.0	655.0
	43.0	20.0	4.0	2.5	6.0	10.0	83.0
	0.5	18.0	65.0				
47107-R306	0.5	18.5	0.7	3.5	4.0	500.0	0.6
	0.5	0.7	1.1	12.0	14.0	56.0	0.5
	12.0	31.0	0.3	0.5	482.0	26.0	59.0
	2.5	0.3	2.5	14.0	5.0	5.0	332.0
	35.0	18.0	5.0	2.5	6.0	10.0	79.0
	0.5	16.0	93.0				
47107-R307	0.5	21.7	1.6	3.0	5.2	1000.0	0.7
	0.9	0.6	0.8	5.0	6.0	57.0	0.5
	8.0	21.0	0.3	0.5	541.0	17.0	90.0
	2.5	0.3	8.0	15.0	5.0	5.0	279.0
	34.0	17.0	0.5	2.5	9.0	10.0	84.0
	0.5	25.0	119.0				
47107-R308	0.5	19.0	0.7	2.0	10.0	2000.0	0.6
	0.6	0.3	0.4	18.0	5.0	112.0	0.5
	29.0	53.0	0.3	1.0	1218.0	14.0	123.0
	2.5	0.3	20.0	20.0	5.0	5.0	181.0
	60.0	26.0	0.5	2.5	17.0	22.0	45.0
	0.5	34.0	130.0				
47107-R309	0.5	26.0	0.4	5.2	3.6	1000.0	1.1
	0.3	0.8	1.9	24.0	13.0	72.0	0.5
	17.0	45.0	0.3	0.5	222.0	37.0	72.0
	2.5	0.3	2.5	16.0	5.0	5.0	706.0
	60.0	27.0	5.0	2.5	7.0	10.0	63.0
	0.5	16.0	88.0				
47107-R310	0.5	10.4	0.2	2.6	1.8	500.0	0.3
	0.2	0.4	0.9	6.0	4.0	64.0	0.5
	4.0	16.0	0.3	0.5	299.0	24.0	42.0
	2.5	0.3	2.5	6.0	5.0	5.0	161.0
	18.0	11.0	2.0	2.5	2.0	10.0	49.0
	0.5	7.0	43.0				
47107-R311	0.5	16.1	0.2	2.8	2.2	500.0	0.4
	0.3	0.5	0.9	7.0	8.0	76.0	1.0
	7.0	24.0	0.3	0.5	280.0	27.0	48.0
	6.0	0.3	2.5	8.0	5.0	5.0	194.0
	26.0	15.0	2.0	2.5	2.0	10.0	54.0
	0.5	9.0	50.0				
47107-R312	0.5	21.1	0.2	2.8	1.3	500.0	0.4
	0.2	0.4	0.9	5.0	3.0	37.0	0.5
	3.0	13.0	0.3	0.5	196.0	22.0	44.0
	5.0	0.3	2.5	9.0	5.0	5.0	210.0
	22.0	12.0	2.0	2.5	1.0	10.0	52.0
	2.0	6.0	44.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R313	0.5	14.7	0.2	3.2	1.9	500.0	0.7
	3.1	0.5	1.2	7.0	83.0	53.0	2.0
	5.0	20.0	0.3	0.5	212.0	21.0	48.0
	2.5	0.3	2.5	6.0	5.0	5.0	231.0
	17.0	16.0	5.0	14.0	3.0	10.0	138.0
	2.0	10.0	49.0				
47107-R314	0.5	12.0	0.4	3.1	4.7	500.0	0.6
	0.6	0.5	1.0	21.0	29.0	80.0	7.0
	17.0	43.0	0.3	0.5	471.0	24.0	64.0
	2.5	0.3	2.5	10.0	5.0	5.0	298.0
	32.0	18.0	4.0	2.5	5.0	10.0	67.0
	0.5	14.0	72.0				
47107-R315	0.5	23.2	0.6	4.2	7.5	500.0	0.7
	0.3	0.5	1.3	32.0	42.0	185.0	9.0
	21.0	66.0	0.3	0.5	888.0	39.0	89.0
	13.0	0.3	2.5	14.0	5.0	5.0	281.0
	43.0	22.0	6.0	2.5	6.0	10.0	59.0
	0.5	15.0	73.0				
47107-R316	0.5	21.9	0.3	3.3	2.9	500.0	0.5
	0.2	0.4	1.2	12.0	8.0	52.0	0.5
	8.0	28.0	0.3	0.5	220.0	24.0	63.0
	2.5	0.3	2.5	10.0	5.0	5.0	195.0
	29.0	15.0	3.0	2.5	4.0	10.0	52.0
	0.5	9.0	56.0				
47107-R317	0.5	21.1	0.3	3.6	2.8	500.0	0.5
	0.2	0.5	1.2	12.0	8.0	60.0	1.0
	9.0	29.0	0.3	0.5	321.0	33.0	66.0
	2.5	0.3	2.5	12.0	5.0	5.0	208.0
	32.0	16.0	4.0	2.5	4.0	10.0	56.0
	0.5	10.0	63.0				
47107-R318	0.5	17.8	0.4	2.7	7.0	500.0	0.5
	0.2	0.3	0.9	40.0	38.0	67.0	2.0
	12.0	41.0	0.3	0.5	462.0	19.0	64.0
	19.0	0.3	2.5	8.0	5.0	5.0	188.0
	31.0	13.0	5.0	2.5	4.0	10.0	46.0
	0.5	10.0	65.0				
47107-R319	0.5	18.3	0.4	2.9	3.7	500.0	0.5
	0.3	0.5	0.9	12.0	11.0	56.0	0.5
	10.0	31.0	0.3	0.5	622.0	23.0	62.0
	2.5	0.3	2.5	13.0	5.0	5.0	194.0
	30.0	14.0	4.0	2.5	4.0	10.0	61.0
	0.5	11.0	58.0				
47107-R320	0.5	19.1	0.2	3.3	8.4	1000.0	0.5
	0.2	0.4	1.1	23.0	42.0	72.0	2.0
	10.0	40.0	0.3	0.5	149.0	50.0	61.0
	24.0	0.3	2.5	9.0	5.0	5.0	235.0
	33.0	14.0	5.0	2.5	4.0	10.0	52.0
	2.0	8.0	55.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R321	0.5	26.0	0.2	3.9	2.5	500.0	0.6
	0.2	0.5	1.3	10.0	12.0	70.0	2.0
	9.0	30.0	0.3	0.5	167.0	38.0	62.0
	6.0	0.3	2.5	13.0	5.0	5.0	237.0
	37.0	19.0	4.0	2.5	4.0	10.0	60.0
	0.5	11.0	52.0				
47107-R322	0.5	22.4	0.3	3.8	3.4	500.0	0.8
	0.9	0.5	1.3	15.0	22.0	69.0	1.0
	13.0	40.0	0.3	0.5	297.0	31.0	72.0
	2.5	0.3	2.5	12.0	5.0	5.0	316.0
	36.0	19.0	4.0	2.5	5.0	10.0	82.0
	0.5	12.0	63.0				
47107-R323	1.0	21.2	0.5	3.8	5.6	500.0	0.7
	0.4	0.5	1.3	24.0	39.0	87.0	0.5
	22.0	56.0	0.3	0.5	637.0	32.0	83.0
	2.5	0.3	2.5	12.0	5.0	5.0	474.0
	43.0	21.0	2.0	2.5	6.0	10.0	66.0
	0.5	15.0	74.0				
47107-R324	0.5	24.8	0.3	3.6	2.3	500.0	0.6
	0.3	0.5	1.2	9.0	9.0	59.0	0.5
	8.0	28.0	0.3	0.5	212.0	30.0	59.0
	6.0	0.3	2.5	10.0	5.0	5.0	309.0
	33.0	17.0	2.0	2.5	4.0	10.0	61.0
	0.5	11.0	54.0				
47107-R325	0.5	25.5	0.3	3.8	2.0	500.0	0.6
	0.2	0.4	1.3	9.0	7.0	68.0	0.5
	7.0	25.0	0.3	0.5	136.0	31.0	65.0
	2.5	0.3	2.5	11.0	5.0	5.0	209.0
	35.0	18.0	2.0	2.5	4.0	10.0	51.0
	0.5	10.0	61.0				
47107-R326	0.5	20.1	0.3	3.9	2.4	500.0	0.7
	0.2	0.4	1.4	12.0	9.0	65.0	0.5
	8.0	26.0	0.3	0.5	163.0	31.0	68.0
	2.5	0.3	2.5	13.0	5.0	5.0	224.0
	38.0	18.0	3.0	2.5	4.0	10.0	51.0
	0.5	10.0	63.0				
47107-R327	0.5	29.1	0.3	3.9	2.1	500.0	0.5
	0.2	0.3	1.3	9.0	8.0	81.0	0.5
	8.0	30.0	0.3	0.5	159.0	37.0	63.0
	2.5	0.3	2.5	12.0	5.0	5.0	231.0
	43.0	20.0	3.0	2.5	4.0	10.0	51.0
	0.5	12.0	69.0				
47107-R328	0.5	22.7	0.3	3.5	2.4	500.0	0.5
	0.2	0.4	1.2	9.0	6.0	62.0	0.5
	7.0	27.0	0.3	0.5	221.0	27.0	61.0
	2.5	0.3	2.5	12.0	5.0	5.0	214.0
	33.0	16.0	3.0	2.5	4.0	10.0	55.0
	0.5	10.0	67.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R329	0.5	22.2	0.3	3.5	2.6	500.0	0.6
	0.3	0.5	1.2	9.0	9.0	61.0	0.5
	10.0	28.0	0.3	0.5	262.0	28.0	61.0
	2.5	0.3	2.5	12.0	5.0	5.0	304.0
	38.0	19.0	2.0	2.5	4.0	10.0	58.0
	0.5	12.0	47.0				
47107-R330	0.5	21.2	0.3	3.2	1.8	500.0	0.8
	0.7	0.7	1.2	17.0	1.0	46.0	0.5
	7.0	27.0	0.3	0.5	348.0	20.0	43.0
	2.5	0.3	2.5	12.0	5.0	5.0	341.0
	46.0	22.0	3.0	2.5	3.0	10.0	60.0
	0.5	12.0	35.0				
47107-R331	0.5	27.7	0.5	3.0	3.4	500.0	0.7
	1.3	0.5	1.0	13.0	40.0	60.0	1.0
	10.0	28.0	0.6	0.5	241.0	23.0	63.0
	2.5	0.3	2.5	14.0	5.0	5.0	277.0
	31.0	17.0	4.0	2.5	4.0	10.0	83.0
	0.5	13.0	54.0				
47107-R332	0.5	16.9	0.5	3.3	3.5	500.0	0.7
	1.6	0.6	1.1	12.0	10.0	60.0	3.0
	10.0	31.0	0.3	0.5	299.0	23.0	66.0
	2.5	0.3	2.5	14.0	5.0	5.0	252.0
	33.0	18.0	3.0	2.5	5.0	10.0	95.0
	2.0	15.0	71.0				
47107-R333	0.5	22.8	0.3	3.3	2.6	500.0	0.6
	1.1	0.6	1.1	10.0	7.0	60.0	1.0
	8.0	28.0	0.3	0.5	251.0	24.0	53.0
	2.5	0.3	2.5	12.0	5.0	5.0	263.0
	33.0	17.0	2.0	2.5	4.0	10.0	88.0
	0.5	12.0	62.0				
47107-R334	0.5	15.2	0.3	3.3	2.5	500.0	0.7
	2.8	0.5	1.1	11.0	6.0	64.0	1.0
	7.0	30.0	0.3	0.5	256.0	22.0	54.0
	2.5	0.3	2.5	11.0	5.0	5.0	255.0
	27.0	18.0	5.0	2.5	4.0	10.0	124.0
	3.0	13.0	53.0				
47107-R400	0.5	30.5	0.3	4.6	2.5	500.0	0.8
	0.2	0.6	1.6	6.0	6.0	73.0	0.5
	9.0	28.0	0.3	0.5	137.0	37.0	77.0
	2.5	0.3	2.5	14.0	5.0	5.0	387.0
	46.0	22.0	3.0	2.5	5.0	10.0	53.0
	0.5	12.0	54.0				
47107-R401	0.5	37.6	0.3	5.3	3.4	500.0	0.9
	0.3	0.6	1.8	21.0	13.0	67.0	2.0
	17.0	44.0	0.3	0.5	144.0	43.0	91.0
	2.5	0.3	2.5	17.0	5.0	5.0	458.0
	56.0	25.0	5.0	2.5	7.0	10.0	56.0
	0.5	14.0	83.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R402	0.5	27.7	0.4	5.3	3.5	500.0	0.9
	0.3	0.6	1.8	21.0	13.0	68.0	0.5
	17.0	44.0	0.3	0.5	154.0	44.0	91.0
	2.5	0.3	2.5	17.0	5.0	5.0	578.0
	56.0	26.0	5.0	2.5	7.0	10.0	62.0
	0.5	14.0	77.0				
47107-R403	0.5	30.2	0.3	5.4	3.1	500.0	0.9
	0.3	0.6	1.9	18.0	8.0	67.0	0.5
	13.0	40.0	0.3	0.5	117.0	44.0	90.0
	2.5	0.3	2.5	16.0	5.0	5.0	434.0
	55.0	26.0	5.0	2.5	7.0	10.0	54.0
	1.0	14.0	79.0				
47107-R404	0.5	32.9	0.3	3.6	2.3	500.0	0.8
	0.4	0.7	1.3	9.0	5.0	50.0	0.5
	9.0	28.0	0.3	0.5	311.0	24.0	49.0
	2.5	0.3	2.5	11.0	5.0	5.0	348.0
	40.0	19.0	1.0	2.5	4.0	10.0	54.0
	0.5	13.0	59.0				
47107-R405	0.5	39.3	0.3	4.0	2.3	500.0	0.8
	0.3	0.7	1.5	10.0	6.0	50.0	1.0
	9.0	31.0	0.6	0.5	199.0	28.0	55.0
	6.0	0.3	2.5	15.0	5.0	5.0	362.0
	44.0	21.0	5.0	2.5	5.0	10.0	51.0
	0.5	14.0	62.0				
47107-R406	0.5	43.5	0.3	3.6	2.1	500.0	0.8
	0.3	0.7	1.3	10.0	3.0	44.0	0.5
	8.0	28.0	0.6	0.5	217.0	25.0	45.0
	2.5	0.3	2.5	14.0	5.0	5.0	328.0
	41.0	19.0	3.0	2.5	4.0	10.0	50.0
	0.5	12.0	56.0				
47107-R407	0.5	36.3	0.3	5.0	3.5	500.0	0.8
	0.3	0.6	1.6	19.0	13.0	75.0	0.5
	15.0	38.0	0.6	0.5	171.0	45.0	77.0
	2.5	0.3	2.5	18.0	5.0	5.0	413.0
	53.0	25.0	6.0	2.5	7.0	10.0	68.0
	0.5	15.0	71.0				
47107-R408	0.5	36.0	0.4	5.2	3.8	500.0	0.8
	0.4	0.6	1.7	23.0	12.0	83.0	0.5
	17.0	55.0	0.3	0.5	223.0	46.0	85.0
	2.5	0.3	2.5	16.0	5.0	5.0	434.0
	50.0	25.0	4.0	2.5	7.0	10.0	70.0
	0.5	16.0	74.0				
47107-R409	0.5	37.5	0.4	4.9	3.8	500.0	0.8
	0.4	0.6	1.6	20.0	14.0	81.0	0.5
	18.0	46.0	0.3	0.5	265.0	43.0	82.0
	2.5	0.3	2.5	16.0	5.0	5.0	407.0
	50.0	23.0	5.0	2.5	7.0	10.0	69.0
	0.5	16.0	119.0				

No ech	Au	po	Ti	Al	Fe	Mn	Mg
	Ca	Na	K	Cu	Pb	Zn	Mo
	Co	Ni	Ag	Cd	Cr	Li	V
	As	Be	Bi	Ga	Te	W	Ba
	Ce	La	Nb	Sb	Sc	Sn	Sr
	Ta	Y	Zr				
47107-R410	0.5	39.7	0.4	4.8	3.8	500.0	0.8
	0.4	0.6	1.6	20.0	14.0	78.0	0.5
	18.0	44.0	0.3	0.5	205.0	43.0	79.0
	2.5	0.3	2.5	17.0	5.0	5.0	402.0
	51.0	24.0	5.0	2.5	7.0	10.0	68.0
	2.0	16.0	69.0				
47107-R411	0.5	33.5	0.3	3.9	2.4	500.0	0.5
	0.3	0.5	1.2	8.0	5.0	70.0	0.5
	8.0	28.0	0.3	0.5	234.0	43.0	58.0
	2.5	0.3	2.5	12.0	5.0	5.0	250.0
	35.0	18.0	2.0	2.5	4.0	10.0	65.0
	0.5	11.0	63.0				
47107-R412	0.5	27.2	0.7	3.3	4.5	500.0	0.5
	0.4	0.5	0.9	12.0	15.0	69.0	0.5
	12.0	33.0	0.3	0.5	690.0	34.0	70.0
	2.5	0.3	5.0	13.0	5.0	5.0	213.0
	31.0	15.0	0.5	2.5	5.0	10.0	64.0
	0.5	14.0	61.0				
47107-R413	0.5	38.7	0.8	2.6	6.8	1000.0	0.4
	0.5	0.5	0.8	9.0	9.0	60.0	0.5
	13.0	33.0	0.3	0.5	760.0	15.0	69.0
	2.5	0.3	2.5	12.0	5.0	5.0	228.0
	30.0	14.0	0.5	2.5	6.0	10.0	76.0
	0.5	18.0	47.0				
47107-R414	0.5	51.0	0.7	2.5	10.0	1000.0	0.5
	0.5	0.5	0.7	8.0	2.0	76.0	0.5
	22.0	40.0	0.3	0.5	573.0	14.0	73.0
	2.5	0.3	8.0	15.0	5.0	5.0	490.0
	37.0	14.0	0.5	2.5	8.0	10.0	66.0
	0.5	19.0	68.0				
47107-R415	0.5	54.4	0.6	2.6	6.9	1000.0	0.5
	0.6	0.5	0.8	7.0	5.0	63.0	8.0
	13.0	28.0	0.3	0.5	626.0	16.0	53.0
	2.5	0.3	2.5	10.0	5.0	5.0	241.0
	35.0	17.0	0.5	2.5	7.0	10.0	74.0
	0.5	20.0	77.0				
47107-R416	0.5	32.5	0.9	2.7	10.0	1000.0	0.6
	0.5	0.4	0.8	10.0	7.0	98.0	0.5
	23.0	43.0	0.3	0.5	874.0	20.0	83.0
	2.5	0.3	9.0	17.0	5.0	5.0	265.0
	56.0	24.0	2.0	2.5	11.0	10.0	59.0
	2.0	23.0	68.0				
47107-R417	0.5	43.3	0.4	4.0	3.1	500.0	0.9
	2.5	0.6	1.4	16.0	10.0	51.0	1.0
	11.0	33.0	0.8	0.5	258.0	30.0	70.0
	2.5	0.3	2.5	15.0	5.0	5.0	512.0
	36.0	22.0	7.0	2.5	6.0	10.0	134.0
	0.5	15.0	58.0				

No ech	Au Ca Co As Ce Ta	po Na Ni Be La Y	Ti K Ag Bi Nb Zr	Al Cu Cd Ga Sb	Fe Pb Cr Te Sc	Mn Zn Li W Sn	Mg Mo V Ba Sr
47107-R418	0.5	37.2	0.3	5.7	3.3	1000.0	1.8
	7.1	0.9	2.0	18.0	13.0	69.0	2.0
	16.0	59.0	0.3	1.0	139.0	51.0	78.0
	2.5	0.3	2.5	1.0	5.0	5.0	318.0
	17.0	30.0	8.0	2.5	8.0	10.0	428.0
	0.5	16.0	71.0				
47107-R419	0.5	27.9	0.4	5.9	3.4	1000.0	1.8
	8.0	0.9	2.1	17.0	10.0	74.0	2.0
	16.0	61.0	0.3	0.5	165.0	52.0	82.0
	2.5	0.3	2.5	1.0	5.0	5.0	327.0
	18.0	32.0	8.0	2.5	9.0	10.0	462.0
	0.5	17.0	59.0				
47107-R420	0.5	29.3	0.3	5.4	3.1	1000.0	1.7
	6.6	0.9	1.9	16.0	9.0	67.0	0.5
	15.0	55.0	0.3	0.5	168.0	48.0	76.0
	2.5	0.3	2.5	1.0	5.0	5.0	299.0
	25.0	30.0	8.0	2.5	8.0	10.0	379.0
	0.5	15.0	55.0				
47107-R421	0.5	36.4	0.3	5.3	3.0	1000.0	1.7
	7.1	0.8	1.9	15.0	10.0	66.0	0.5
	14.0	54.0	0.3	0.5	147.0	48.0	74.0
	2.5	0.3	2.5	1.0	5.0	5.0	295.0
	15.0	28.0	8.0	2.5	8.0	10.0	399.0
	0.5	15.0	53.0				