Assessment Report for the

McFarlane Property

Soils, Diamond Drilling

Fort Steele Mining Division
N.T.S. 82 F/ 10E
Latitude 49° 35' N, Longitude 116° 44' W

for

Jasper Mining Corporation
1020, 833 - 4th Avenue S.W.
Calgary, Alberta
T2P 3T5

Submitted by:

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of

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VIC 7H3

Submitted: February, 2008

SUMMARY

The MCFARLANE property comprises a total of 3,057.84 ha (7,556 acres), consisting of 8 Mineral Tenure Online (MTO) Mineral Tenures, located immediately east of Kootenay Lake. Access is available along the relatively well maintained Grey Creek Pass Forest Service Road for a total of approximately 75 km west from Cranbrook. Access is also available to the western portion of the property along Anderson Road, south of the Grey Creek Pass Forest Service Road. Several clear cuts are present on the property, together with a number of old logging roads which provide good access to both the eastern and western portions of the property. Active logging can be expected by Wynndel Box and Lumber north of McFarlane Creek. Tembec Industries is currently in the process of selling their private land interest south of McFarlane Creek.

The claims comprising the property were acquired to cover ground immediately west of Eagle Plains Resources Ltd Sphinx property, for which an Inferred Resource of 62,005,615 tonnes grading 0.035% Mo, using a cut-off grade of 0.01% Mo, has recently been announced. The resource is associated with an interpreted Cretaceous age intrusive body, with mineralization occurring as "disseminations and within quartz-pyrite stockwork veins hosted by both sedimentary and intrusive rocks".

The claims acquired are located along the eastern edge of a prominent aeromagnetic anomaly associated with the Crawford Stock, a biotite granite intrusion of Cretaceous age correlated to the Bayonne Magmatic Belt. Felsic intrusive lithologies correlated to the Bayonne Magmatic Suite typically have a prominent magnetic signature, either associated with the intrusion or as a halo in the immediately surrounding host rocks. Recent work on the Mount Skelly Pluton, interpreted as a model for the McFarlane property, has distinguished a three phase intrusive complex that consists of fine- to coarse-grained granites correlated to the Cretaceous Bayonne Magmatic Suite. Near contacts with sedimentary strata, the granite appears to be both finer grained and perhaps more mafic, having a darker colour. In addition, there are more xenoliths of (an) earlier phase(s) of intrusive material and rounded sedimentary inclusions. Phenocrysts of alkali feldspar are present, ranging in size from less than a centimetre to approximately 2 centimetres in diameter, within a matrix of plagioclase feldspar, quartz and biotite ± hornblende. The granite has local iron-stained veins with variable amounts of iron sulphide, predominantly as pyrite. The veins appear to occupy apparent discontinuous brittle shear zones which trend essentially north-south (± 20°). The Mount Skelly Pluton (Complex) comprises the exploration model for the properties comprising Jasper Mining Corporation's Cretaceous Granite Project.

In addition, recent work on mineralization associated with intrusions has resulted in development of the Intrusion-Related Gold (IRG) Model. Examples include numerous examples in Alaska (i.e. Fort Knox, Pogo) and continue southeastward through the Tintina Gold Belt. Several occurrences in B.C. have been examined in a preliminary manner to evaluate Intrusion-Related Gold potential, including the Baldy Batholith and the Mt. Skelley Pluton. With reference to this model, elevated As, Bi, Sb, W are considered as "pathfinder" elements for potential IRG deposits. In this context, the locally moderately to highly anomalous Bi (≤344 ppm) and W (≤7100 ppm), associated with high

grade arsenic (1.02%) and gold (14.4 g/t, or 0.42 oz/t) in mineralized veins within the granitic intrusion in the Mt. Skelly Pluton is of potential interest. Furthermore, the Sanca Stock and Mount Skelly Pluton are of Cretaceous age with a prominent magnetic halo, both features characteristic of many occurrences along the Tintina Gold Belt. Several locations, including many of the documented MINFILE occurrences, may be compatible with an IRG-type model, particularly those associated with the northwestern lobe (Sanca Stock) of the exposed granitic phases.

Anomalous molybdenum, copper, lead, zinc and limited tungsten anomalies have been identified between McFarlane and Birkbeck creeks in a number of programs by different operators since 1979. A total of 1,321 soil samples have been previously documented from the area now underlain by the MCFARLANE property, with analysis for molybdenum ± copper ± lead ± zinc ± manganese and/or tungsten. At least 10 diamond drill holes have also been documented to test anomalous soil results associated with two reported exposures of quartz monzonite.

The 2007 program reported herein included soil and chip sampling as well as diamond drilling. Soil sampling consisted of a total of 435 samples collected from an additional 5 contour lines. A limited chip sampling program was completed to assess molybdenite-bearing quartz veins identified in a road cut along a recent logging road. A total of 34 chip samples were recovered, each taken over a 1 metre interval.

A short diamond drill program was completed to test the validity of more aggressive picks arising from the 2006 Aeroquest airborne geophysical survey. A total of 5 BTW holes were completed from 4 separate pads, totaling 1,209.43 m. A total of 121 core samples were recovered.

Finally, five grab samples were taken along the roof of an adit interpreted to be one of those described for the Ben Derby MINFILE occurrence. The adit extends approximately 50 m on an approximate azimuth of 060°.

All samples were submitted to Acme Analytical Laboratories for processing using SS80 (for soils) or R80 (for chip and core samples) preparation and 39 element Group 1DX (ICP) analysis.

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INTRODUCTION

The MCFARLANE property comprises a total of 3,057.84 ha (7,556 acres), consisting of 8 Mineral Tenure Online (MTO) Mineral Tenures, located immediately east of Kootenay Lake (Fig. 1 to 3). Access is available along the relatively well maintained Grey Creek Pass Forest Service Road for a total of approximately 75 km west from Cranbrook. Access is also available to the western portion of the property along Anderson Road, south of the Grey Creek Pass Forest Service Road. Several clear cuts are present on the property, together with a number of old logging roads which provide good access to both the eastern and western portions of the property. Active logging can be expected by Wynndel Box and Lumber north of McFarlane Creek. Tembec Industries is currently in the process of selling their private land interest south of McFarlane Creek.

The claims comprising the property were acquired to cover ground immediately west of Eagle Plains Resources Ltd Sphinx property, for which an Inferred Resource of 62,005,615 tonnes grading 0.035% Mo, using a cut-off grade of 0.01% Mo, has recently been announced (Eagle Plains 2005a and 2005b). The resource is associated with an interpreted Cretaceous age intrusive body, with mineralization occurring as "disseminations and within quartz-pyrite stockwork veins hosted by both sedimentary and intrusive rocks".

The claims acquired are located along the eastern edge of a prominent aeromagnetic anomaly associated with the Crawford Stock (Walker 2006), a biotite granite intrusion of Cretaceous age correlated to the Bayonne Magmatic Belt (Fig. 4, Logan 2002). Felsic intrusive lithologies correlated to the Bayonne Magmatic Suite typically have a prominent magnetic signature, either associated with the intrusion or as a halo in the immediately surrounding host rocks. Recent work on the Mount Skelly Pluton, interpreted as a model for the McFarlane property, has distinguished a three phase intrusive complex (Logan and Mann 2000) that consists of fine- to coarse-grained granites correlated to the Cretaceous Bayonne Magmatic Suite. Near contacts with sedimentary strata, the granite appears to be both finer grained and perhaps more mafic, having a darker colour. In addition, there are more xenoliths of (an) earlier phase(s) of intrusive material and rounded sedimentary inclusions. Phenocrysts of alkali feldspar are present, ranging in size from less than a centimetre to approximately 2 centimetres in diameter, within a matrix of plagioclase feldspar, quartz and biotite ± hornblende. The granite has local iron-stained veins with variable amounts of iron sulphide, predominantly as pyrite. The veins appear to occupy apparent discontinuous brittle shear zones which trend essentially north-south (± 20°). The Mount Skelly Pluton (Complex) comprises the exploration model for the properties comprising Jasper Mining Corporation's Cretaceous Granite Project.

In addition, recent work on mineralization associated with intrusions has resulted in development of the Intrusion-Related Gold (IRG) Model (Hart 2007). Examples include numerous examples in Alaska (i.e. Fort Knox, Pogo) and continue southeastward through the Tintina Gold Belt. Several occurrences in B.C. have been examined in a preliminary manner to evaluate Intrusion-Related Gold potential, including the Baldy Batholith and the Mt. Skelley Pluton (Logan 2002). With reference to this model, elevated As, Bi, Sb, W are considered as "pathfinder" elements for potential IRG

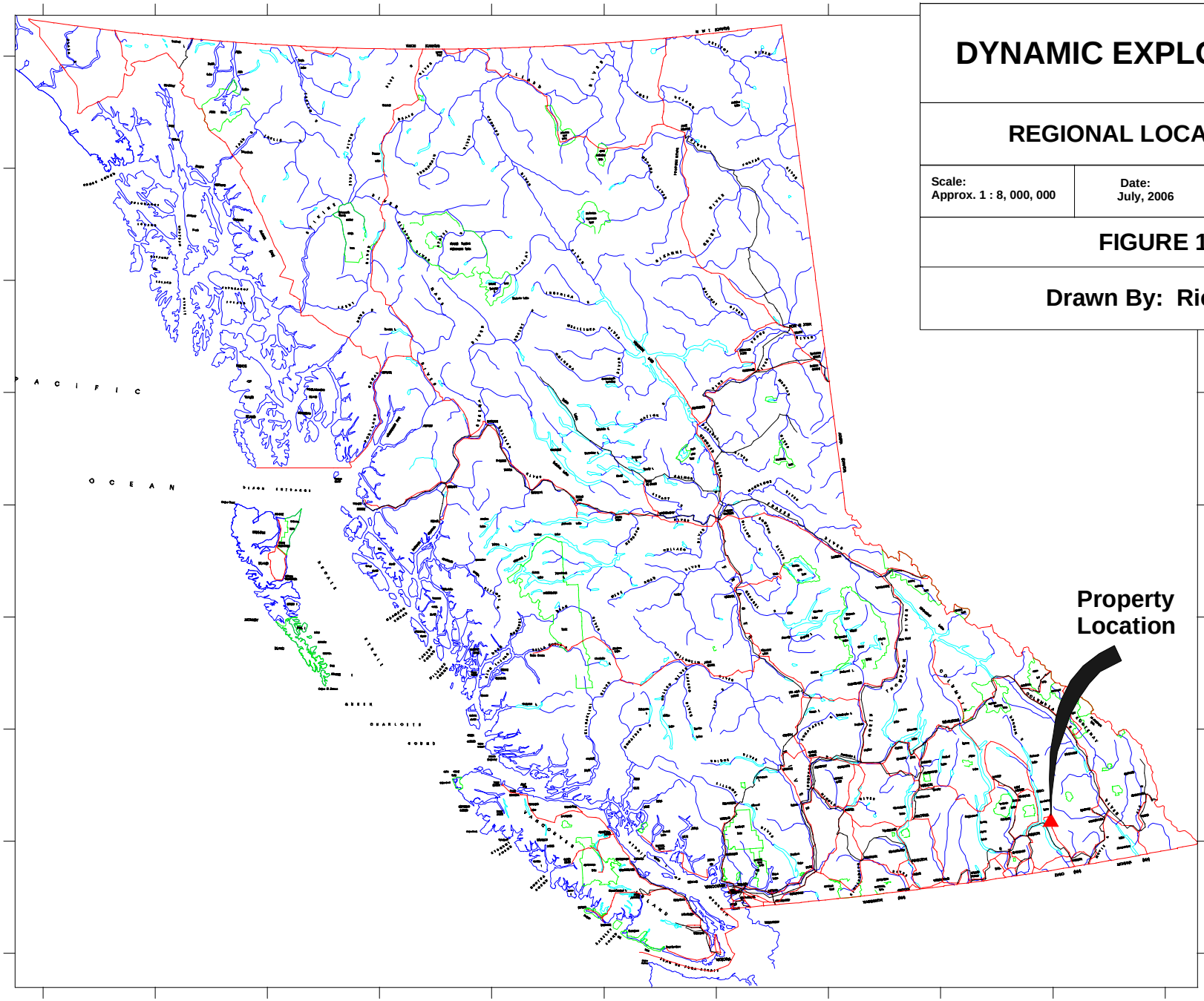
DYNAMIC EXPLORATION LTD

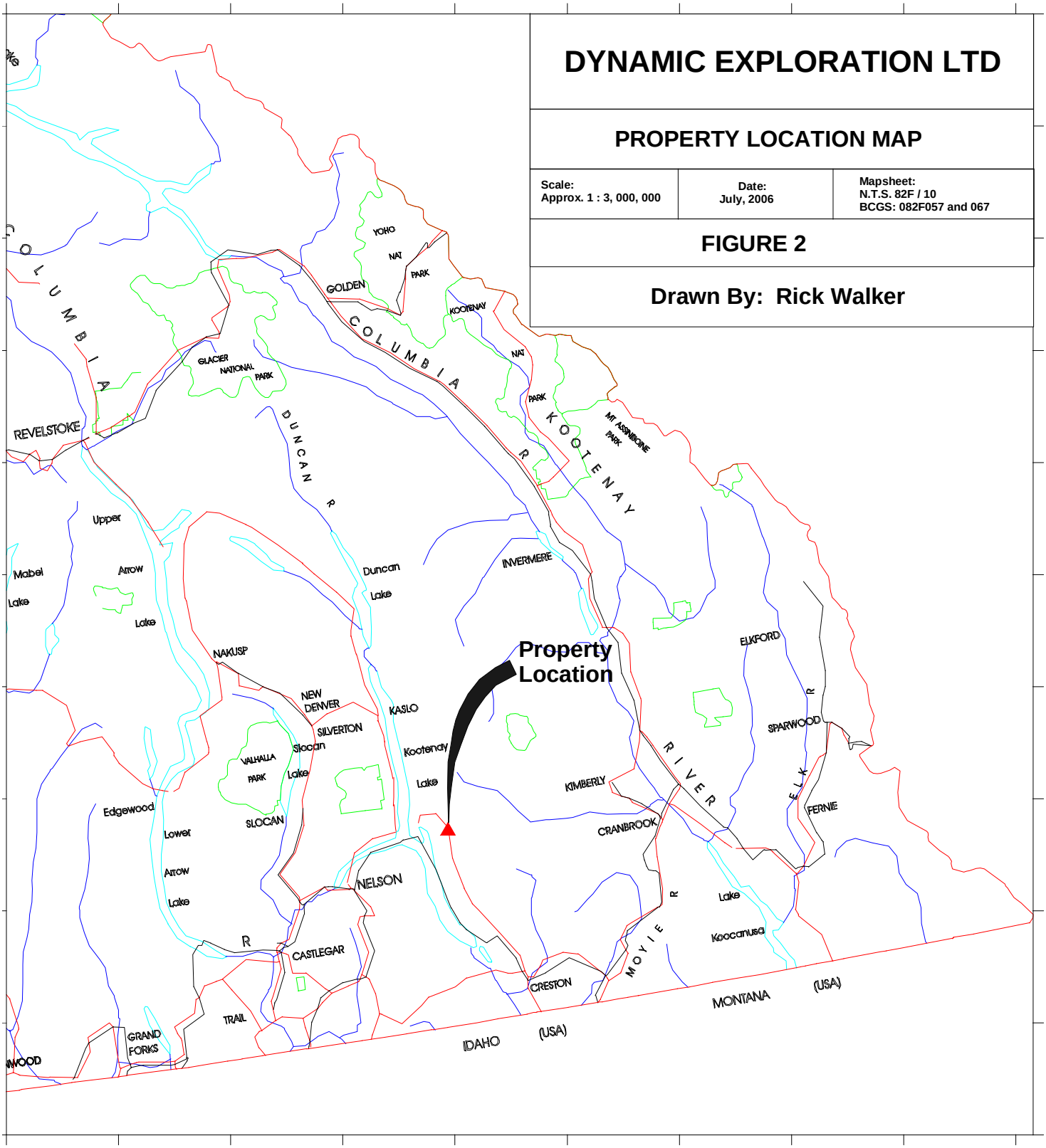
REGIONAL LOCATION MAP

Scale:	Date:	Mapsheet:
Approx. 1 : 8, 000, 000	July, 2006	N.T.S. 82F / 10 BCGS: 082F 057 and 067

FIGURE 1

Drawn By: Rick Walker




DYNAMIC EXPLORATION LTD
PROPERTY LOCATION MAP
Scale:
Approx. 1 : 3, 000, 000
Date:
July, 2006
Mapsheet:
N.T.S. 82F / 10
BCGS: 082F057 and 067
FIGURE 2
Drawn By: Rick Walker
Property Location
COLUMBIA
YOHO
NAT
PARK
GOLDEN
KOOTENAY
NAT
PARK
GLACIER
NATIONAL
PARK
REVELSTOKE
DUNCAN R
KOOTENAY R
MT ASSINIBOINE
PARK
Upper
Arrow
Lake
Mabel
Lake
Duncan
Lake
INVERMERE
NAKUSP
NEW
DENVER
SILVERTON
Slocan
Lake
VALHALLA
PARK
SLOCAN
KASLO
Kootenay
Lake
ELKFORD
SPARWOOD
ELK R
FERNIE
KIMBERLY
CRANBROOK
RIVER
Edgewood
Lower
Arrow
Lake
NELSON
CASTLEGAR
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FORKS
MOYIE R
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Kookanusa
CRESTON
IDAHO
(USA)
MONTANA
(USA)

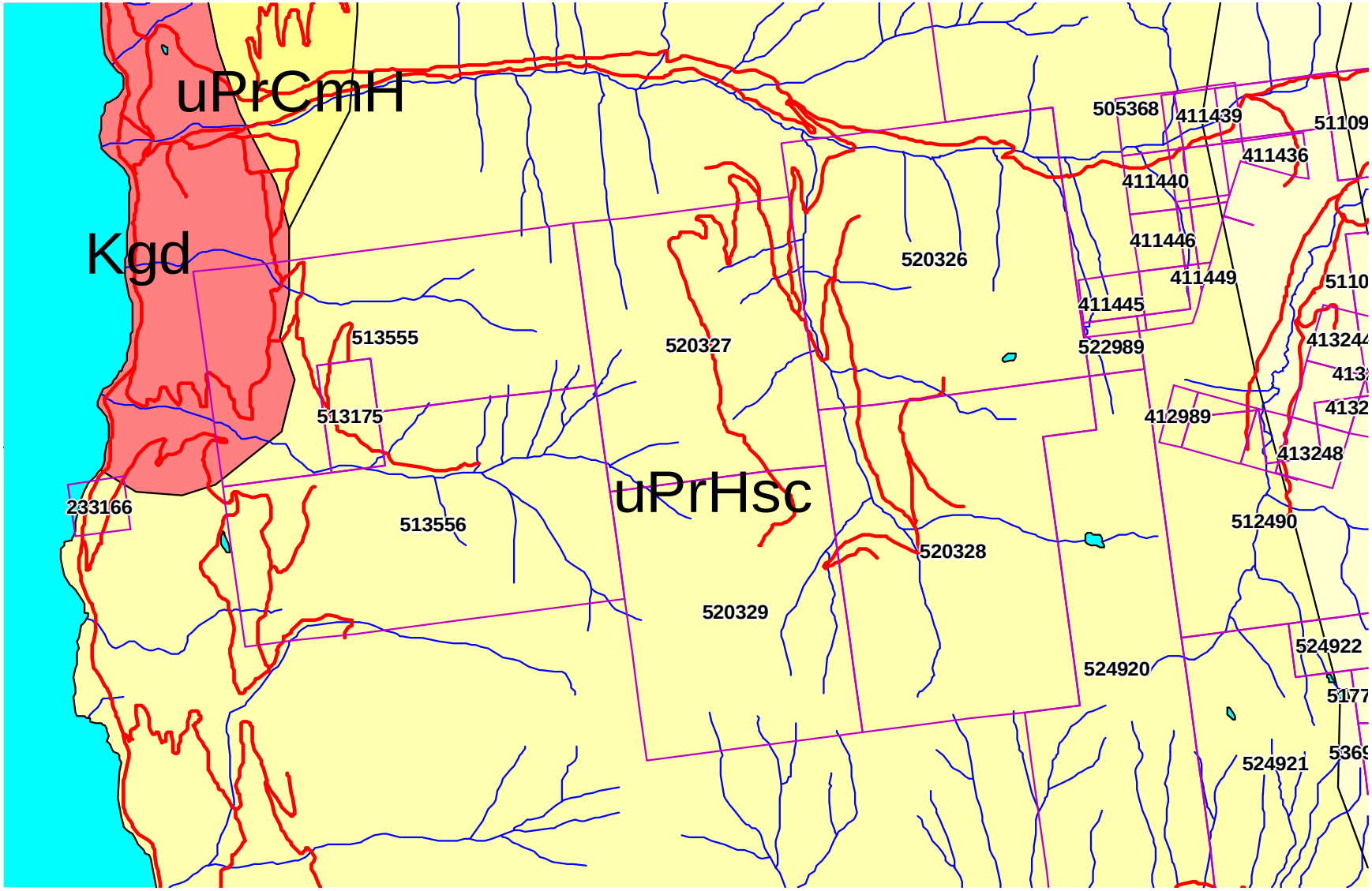
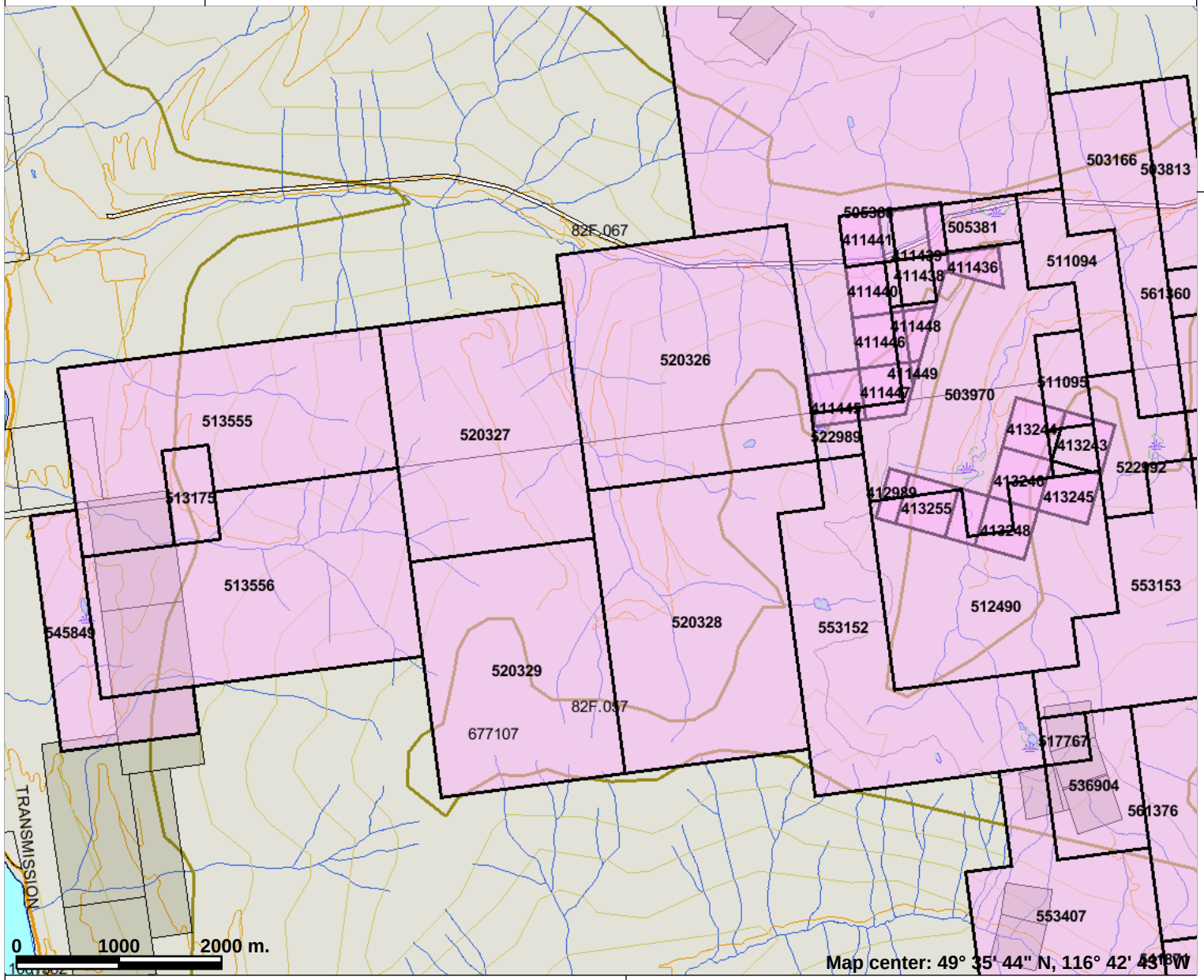


Figure 4 – Geological Map for the MCFARLANE property. uPrHsc – Upper Proterozoic Horsethief Creek Group, uPrCmH – Upper Proterozoic – Cambrian Hamill Group, Kgd – Cretaceous granodiorite. Scale 1 : 50,000

Figure 4: Claim Map



Legend

- Indian Reserves
- National Parks
- Parks

Mineral Tenures (Mineral - LRDW)

- Mineral Claim
- Mineral Lease

Reserves (Mineral - LRDW Sites)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Survey Parcels
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Transportation - Points (TRIM)

- Helipad

Transportation - Lines (TRIM)

- Airfield
- Airport
- Airstrip
- Airport.Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes

N

Scale: 1:58,246

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: The McFarlane property lies west of, and includes, Mineral Tenures 520326 and 520328.

deposits. In this context, the locally moderately to highly anomalous Bi (≤344 ppm) and W (≤7100 ppm), associated with high grade arsenic (1.02%) and gold (14.4 g/t, or 0.42 oz/t) in mineralized veins within the granitic intrusion in the Mt. Skelly Pluton are of potential interest. Furthermore, the Sanca Stock and Mount Skelly Pluton are of Cretaceous age with a prominent magnetic halo, both features characteristic of many occurrences along the Tintina Gold Belt. Several locations, including many of the documented MINFILE occurrences, may be compatible with an IRG-type model, particularly those associated with the northwestern lobe (Sanca Stock) of the exposed granitic phases.

Anomalous molybdenum, copper, lead, zinc and limited tungsten anomalies have been identified between McFarlane and Birkbeck creeks in a number of programs by different operators since 1979 (Ayer 1981, Buckley 1980, Wright 1980, Jury 1967). A total of 1,321 soil samples have been previously documented from the area now underlain by the MCFARLANE property, with analysis for molybdenum ± copper ± lead ± zinc ± manganese and/or tungsten. At least 10 diamond drill holes have also been documented to test anomalous soil results associated with two reported exposures of quartz monzonite.

The 2007 program reported herein included soil and chip sampling as well as diamond drilling. Soil sampling consisted of a total of 435 samples collected from an additional 5 contour lines. A limited chip sampling program was completed to assess molybdenite-bearing quartz veins identified in a road cut for a recent logging road. A total of 34 chip samples were recovered, each taken over a 1 metre interval.

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All samples were submitted to Acme Analytical Laboratories for processing using SS80 (for soils) or R80 (for chip and core samples) preparation and 39 element Group 1DX (ICP) analysis.

LOCATION AND ACCESS

The MCFARLANE property is located in the western Purcell Mountains (latitude 49° 35' N, longitude 116° 44' W), approximately 75 kilometres west of Cranbrook, B.C. on N.T.S. mapsheet 82 F/10E (Fig. 1 and 2). The property consists of 8 Mineral Tenure Online (MTO) Mineral Tenures, located between Kootenay Lake and Gray Creek Pass.

The property can be accessed by gravel Forest Service Roads (FSR) from Cranbrook / Kimberley along the St. Mary's Road (Fig. 4). The road is well maintained west of St. Mary's Lake to Km 45. At km 45, take the Redding Creek - St. Mary's FSR for approximately 25 km along a moderately rough gravel road to km 25, then take the right fork to Grey Creek Pass. The eastern boundary of the MCFARLANE property is at approximately 13 km along the Baker Creek / Grey Creek Pass road.

Alternatively, the western portion of the property can be accessed using the Grey Creek Pass (Anderson) road from the community of Grey Creek, immediately east of Kootenay Lake. The northern and eastern portions of the property can be accessed from the road along Grey Creek, and then south up a tributary of Grey Creek to Grey Creek Pass.

Access to the south-central portion of the property is available by turning right approximately 1 km up the Gray Creek Road on Jasper Road and following the logging road south across Birkbeck Creek. This road provides access to the area between Birkbeck and McFarlane Creeks. Road access to the area south of McFarlane Creek, immediately east of Kootenay Lake is available to access private lands held by Tembec Industries.

All roads are negotiable using a 2WD vehicle although 4WD is recommended for better clearance.

PHYSIOGRAPHY AND CLIMATE

The MCFARLANE property is located between Kootenay Lake and Grey Creek Pass (Fig. 2), on the east side of Kootenay Lake. Relief in the area varies from 680 metres (2,230 feet) along the western slopes above Kootenay Lake to approximately 2,360 metres (7,745 feet) on the eastern edge of the property. Vegetation in the area consists predominantly coniferous, with deciduous trees preferentially located along the creeks bottoms. Undergrowth consists largely of small deciduous shrubs.

The claims are located east of Kootenay Lake in a regional topographic high, comprising the local drainage divide, and are therefore subject to heavier precipitation. As a result, the region is characterized by heavy snowfall during the winter months. The property is available for vehicle based, geological exploration from June to late October.

CLAIM STATUS

The property consists of 8 Mineral Tenure Online (MTO) Mineral Tenures (Fig. 3). The property comprises a total of 3,058 ha (7,556 acres). Significant claim data are summarized below:

Tenure Number	Tenure Name	Good To Date	Area (ha)
513175	BEN DERBY	2017 / SEP / 22	41.88
520326	MCFARLANE	2017 / SEP / 22	523.531
520327	MCFARLANE 2	2017 / SEP / 22	418.847
520328	MCFARLANE 3	2017 / SEP / 22	523.717
520329	MCFARLANE 4	2017 / SEP / 22	418.986
513555	MCFARLANE NORTH	2017 / SEP / 22	460.637
513556	MCFARLANE SOUTH	2017 / SEP / 22	523.627
545849	MCFARLANE 5	2017 / SEP / 22	146.614
		TOTAL	**3,057.839**

*After 2007 assessment credit applied.

HISTORY

The area currently underlying the MCFARLANE property was evaluated as the FORD, MOLY and GREY claims by previous operators. A brief summary of these programs follows:

- 1916 - 1919 - two adits driven on easterly striking quartz veins with disseminated molybdenite and pyrite

- 1966 - 1969 - Soil sampling, trenching and diamond drilling on Benderby Claims by United Fortune Mines Ltd.

- 1979 - 23 km line cutting, soil sampling (460 samples) on Moly Claims by Dekalb Mining Corporation

- 1980 - Soil sampling (337 soil, 4 silt samples) and geological mapping by Cominco Ltd

- 1981 - Dekalb Mining Corporation completed 12 km line cutting, 330 soil samples, 20.5 line km of IP survey, 1:5,000 scale geological mapping and diamond drilling (9 holes $\leq$ 125 m deep).

  - identification of surface soil anomalies for molybdenum, copper, lead, zinc and limited tungsten between Mcfarlane and Birkbeck creeks resulted in diamond drilling, which

returned anomalous molybdenum values, including:

Hole	From (m)	To (m)	Molybdenum (ppm)	Interval (metres)
DK - 81 - 2	34.14	35.66	2060	1.5
DK - 81 - 7	42.37	43.13	2336	0.76
DK - 81 - 8	102.87	103.94	1991	1.07
DK - 81 - 9	27.43	28.65	8000	1.22

The best hole was DK - 81 - 9, in which a 12 m interval from 26.52 to 38.40 returned an average grade of 1,200 ppm (0.12%) Mo. Molybdenum mineralization is reportedly hosted by quartz veins between 1 and 100 cm thick which are most abundant along the "... eastern contact of the main quartz monzonite intrusion ...". A total of ten diamond drill holes were completed in the 1981 program to test surface geochemical and/or geophysical (Induced polarization) anomalies.

- 1987 - time domain IP survey on Ford Property for Amarado Resources Limited
  - recommend 6 drill holes to test resulting anomalies

2005 - Property acquired by Jasper Mining Corporation. Preliminary soil program comprised of 300 samples taken along existing road network.

2006 - soil sampling (road and contours; 188 samples), diamond drilling (7 BTW size holes from three separate pads, totaling 1,822.77 metres) and an Aeroquest International airborne geophysical survey of entire property (455.8 line km (flown jointly with the Lydy property) or 40.2 km^2). The survey included magnetic, electromagnetic (EM) and radiometric data.

- acquisition of the Ben Derby MTO Mineral Tenure

REGIONAL GEOLOGY

The only previous regional mapping undertaken pertaining to the general area of the MCFARLANE claims was that of Reesor (1993) for the east side of Kootenay Lake. The stratigraphy of the Windermere Supergroup (in the Toby Creek area to the north) has been well described by Pope (1990).

Stratigraphy

Proterozoic

Windermere Supergroup

Horsethief Creek Group

The Toby Formation is gradational into the overlying Horsethief Creek Formation, in which five lithofacies have been identified. These lithofacies define a rudimentary stratigraphy of facies within the Horsethief Creek Formation as individual lithological units are inconsistent due to rapid lateral thickness and facies variations.

The lithofacies identified in the Horsethief Creek Formation are as follows:

a) siltstone-argillite - dominant in the lower half of the Horsethief Creek Formation and separate the remaining lithofacies throughout the formation. This lithofacies consists of thick sequences of thin bedded (1 to 10 cm), graded siltstone and argillite and finely laminated (1 to 5 mm), black, green and grey argillite.

b) black carbonate - an easily traced marker used to identify and map the base of the Horsethief Creek Formation consisting of thin bedded (5 to 20 cm), dark grey to black limestone, with variable quartz sand and silt in a calcitic matrix, and thin calcareous quartz-arenite beds.

c) dolomite - buff weathering dolomite, up to 30 metres thick, dolomite pebble-conglomerate beds and dolomite supported quartzite occur throughout the Horsethief Creek Formation.

d) quartz feldspar arenites and pebble conglomerates - consist of pebble conglomerates comprised of grain-supported, moderately sorted crystalline quartz and quartz feldspar clasts with variable red jasper, green to grey argillite, quartzite and dolomite clasts in a quartz, feldspar, carbonate, sericite and chlorite matrix. Clasts are generally 1 to 2 centimetres in diameter but may exceed 10 centimetres in length. Coarse arenite beds are similar to the pebble conglomerates but have a greater proportion of matrix and are generally poorly sorted.

e) red and varicoloured argillites - are present at the top of the Horsethief Creek Formation and consist of variably coloured argillites with interbedded pink carbonate, and varicoloured

impure arenites (Pope 1990).

Mesozoic

Granitic Intrusions

Cretaceous intrusives of broadly "granitic" composition are present in a belt extending from the westernmost Rocky Mountains to Kootenay Lake, northward to the Baldy Batholith. Intrusions range from small dykes and sills to larger intrusive complexes such as the Mt. Skelly Batholith and are collectively referred to as the Bayonne Magmatic Belt (or Suite) (Logan 2002).

> "Intrusive rocks ... include a number of small post kinematic mesozonal quartz monzonite, monzonite and syenitic plutons, numerous small quartz monzonite to syenite dikes and sills probably related to these stocks, and late mafic dikes. The Kiakho and Reade Lake stocks, two of the larger of the mesozonal plutons, cut across and apparently seal two prominent east-trending faults that transect the eastern flank of the Purcell anticlinorium, and hence place constraints on the timing of latest movement on these faults.
>
> The Kiakho stock is exposed on the heavily wooded slopes of Kiakho Creek approximately 10 kilometres (west-southwest) ... of Cranbrook ... Exposures consist mainly of large, fresh angular boulders of boulder fields. Although contacts with country rock were not observed, regional mapping indicates that it intrudes clastic rocks of the Aldridge and Creston formations. The distribution of outcrops and a pronounced aeromagnetic anomaly indicate that it cuts the east-trending Cranbrook normal fault with no apparent offset. ...
>
> The Kiakho stock is similar to the Reade Lake stock with the dominant phase being a light grey, medium-grained quartz monzonite. It is generally equigranular but grades into a hypidiomorphic granular porphyritic phase with prominent plagioclase and light grey to flesh-coloured potassic feldspar phenocrysts; both are up to several centimetres in diameter in a granular groundmass of white subhedral plagioclase, light grey potassic feldspar, quartz and black hornblende" (Höy 1993).

The Bayonne Granitic Suite is a composite batholith comprised of a number of smaller Jurassic to Cretaceous age granitoid stocks and plutons which extends from near the International Boundary across Kootenay Lake. On the east side of the Kootenay Lake, the Bayonne Granitic Suite locally includes the Mount Skelly Pluton, a biotite (hornblende) monzogranite with megacrysts of potassium feldspar (Reesor 1996). Rice (1941) grouped these granitoids under the broad heading of the Bayonne Batholith, as described below.

Bayonne Batholith (Rice 1941)

> "The Bayonne batholith varies in composition from a granite to a calcic granodiorite; the average composition is that of a fairly alkaline granodiorite. ... Much of the rock

> has an equigranular texture, but a porphyritic phase occurs in many places, at some of which phenocrysts of potash feldspar 2 or 3 inches long are present. The potash feldspar may be orthoclase or microcline and in some specimens both occur. The plagioclase is oligoclase, generally well twinned and frequently in zoned crystals. Dark brown biotite is the only ferromagnesian mineral abundant, but grains of hornblende occur in rare instances. The usual accessories are present. Sericite and epidote are the commonest secondary minerals, but neither occur in significant amounts except where the rock has been altered.
>
> A marked feature of the Bayonne batholith is its highly variable nature. This is observable not only in the range of composition but in the appearance of the rock. Coarse-grained and fine-grained, porphyritic and non-porphyritic, pink and light or dark grey phases may occur in a single exposure, in some places in streaks and patches. Masses of pegmatite and dykes of pegmatite and aplite occur everywhere. Some of the pegmatite dykes are over 100 feet wide. A few large crystals of blue-green beryl, pink garnet, magnetite, and a little black tourmaline were seen in these pegmatites.
>
> Large inclusions of granitized sediments are locally abundant. ... These inclusions vary in size from a foot to some hundreds of feet. Alteration is severe, but the sedimentary nature of the original rock is, in most cases, still recognizable and the boundary between the granite and the inclusion is generally fairly sharp. Other inclusions or zenoliths (sic.) from a few inches to a foot long also occur, which can readily be distinguished from the first type mentioned. They parallel one another, are darker coloured, their original texture and composition has been more or less completely altered, they are fairly uniform in size, and they usually grade imperceptibly into the granite. They are more widely distributed, indeed very few exposures of any size were examined that did not contain some of these zenoliths (sic.), and in places they are extremely abundant. The zenoliths (sic.) are often most common in the porphyritic phases and scarcer in the non-porphyritic phases of the granite ...".

Cretaceous intrusions interpreted to underlie the properties comprising the Cretaceous Granitic Project are interpreted to be exemplified by the Mount Skelly Pluton, located southwest of the Baribeau property along the east shore of Kootenay Lake. Recently there has been limited mapping undertaken on the pluton as part of a regional study of the Bayonne Magmatic Belt (Logan 2002), with local sampling and mapping of the Mount Skelly Pluton and Sanca Stock (Lett et al. 2000, Logan and Mann 2000).

Mount Skelly Pluton / Sanca Stock

The dominant lithology comprising the Mount Skelly Pluton is that of a biotite granite. In areas proximal to the mapped contact between the pluton and host sediments, the grain size is slightly

reduced to that of a medium- to coarse-grained granite. At low to middle elevations along the eastern portion of Sanca Creek, the granite assumes a porphyritic texture due to the presence of megacrystic alkali feldspar phenocrysts. Individual, equant crystals of white to pinkish alkali feldspar phenocrysts up to 2 cm in diameter were noted in a finer grained matrix of medium- to coarse-grained white plagioclase and biotite ± hornblende. Xenoliths are rare to absent at deeper levels within the pluton, becoming more abundant and larger both at higher elevations and along Sanca Creek to the west. Xenoliths are predominantly sedimentary, however, inclusions of finer grained, more mafic granite were noted and may have been derived from an earlier phase of the intrusion or a separate, deeper intrusion altogether.

Recent mapping and geochronology by Logan and Mann (2000) have resolved the granite exposures of the Sanca Creek area into three separate phases, specifically, the Mount Skelly Pluton and the Sanca Stock. The Mount Skelly Pluton is further sub-divided into:

1) Granite - "Fine to medium grained, equigranular biotite monzogranite. Minor aphanitic, leucocratic phases and dikes", and

2) Granodiorite - "Coarse grained biotite-hornblende granodiorite. Common euhedral megacrystic potassium feldspar and mafic (hornblende-biotite-titanite-rich) inclusions. Biotite, K-AR dates of 97.1 to 98.7 Ma

The younger Sanca Stock is described as a "Medium to coarse grained biotite granodiorite. Characteristic coarse, sub-rounded violet to grey quartz crystal aggregates. Biotite, K-Ar dates of 78.9 to 80.9 Ma". Therefore, the granites of the Sanca Creek area can be differentiated into three phases, the older Mount Skelly Pluton (at 97.1 to 98.7 Ma) and the younger Sanca Creek Stock (at 78.9 to 80.9 Ma).

Structure

Four major phases of deformation have been identified in the Toby Creek area (to the northeast of the Baribeau property), Helikian-Devonian extension (D1), Jurassic-Paleocene contraction (D2-D3) and Eocene extension (D4) (Pope 1990).

The first phase of deformation resulted in unconformities at the base of the Dutch Creek and Mount Nelson Formations (D1a) and the unconformity at the base of the Windermere Supergroup (D1b). Thinning of Paleozoic strata onto the Windermere High is interpreted to reflect the effects of D1c deformation together with the development of small fault-bounded sub-basins.

Contraction during the Columbian (D2) and Laramide (D3) orogenies resulted in a series of northeast vergent thrust faults and the development of a regional foliation (S1). Three major thrust sheets are evident in the Toby Creek area with one, the Mount Nelson thrust sheet, comprised of four smaller fault panels. The three major thrust sheets represent out-of-sequence faults, having propagated

toward the hinterland, carried in the hanging wall of the Purcell Thrust.

Contraction during D2 and D3 produced east-vergent imbricate thrust faults and west vergent backthrusts. Many of these faults were subsequently reactivated during the fourth phase (D4) of deformation. High angle brittle faults are also a result of D4.

LOCAL GEOLOGY

Stratigraphy

The MCFARLANE property is underlain by south striking, steeply west dipping, Late Proterozoic age strata correlated to lower Windermere Supergroup on the western limb of the Purcell Anticlinorium. Correlations indicate the strata belong to a continuous succession comprising the Horsethief Creek Group (Fig. 4).

Structure

The structure of the McFarlane Creek area is dominated by its position on the western flank of the Purcell Anticlinorium, a north plunging fold of regional significance. The Purcell Anticlinorium is allochthonous with respect to North American cratonic basement, having been transported northeastward in the hanging wall of the Purcell Thrust. This major structure has been complicated slightly by a number of regional and local faults, discussed below with reference to the Kootenay Lake mapsheet of Reesor (1996). An early folding event has been proposed for early structures interpreted to have developed in the Late Proterozoic during the Goat River Orogeny (Höy 1993).

The prominent faults in the Baker Creek area are interpreted to be predominantly the result of the Laramide orogeny, characterized by east-verging, west-dipping thrust faults. The major fault system of the area is the St. Mary / Hall Lake fault system, interpreted to be a long lived fault initiated in the Late Proterozoic as a growth fault and periodically active at least into the Laramide orogeny. Eastward directed movement across the St. Mary / Hall Lake fault resulted in steeply dipping strata on the western limb of the Purcell Anticlinorium being juxtaposed against relatively shallowly to moderately dipping strata closer to the hinge axis.

Significant dip displacement is indicated across the fault east of Sanca Creek where Proterozoic lower Creston strata has been juxtaposed against early Paleozoic Cambrian Eager Formation strata. Later thrust faults are evident in the hanging wall of the St. Mary / Hall Lake fault. The Redding Creek fault is locally significant fault. It is a west dipping, east verging thrust fault that juxtaposes middle Creston strata against the lower member of the Coppery Creek group. A number of smaller, normal faults are indicated in the hanging wall of the Redding Creek Fault, all of which appear to have minor dip (and probably strike-slip) movement. All of the faults in the hanging wall of the St.

Mary / Hall Lake fault are interpreted to be older than the Cretaceous Mount Skelly Pluton (Bayonne Magmatic Belt) as all are truncated at the contact of the pluton.

PROPERTY GEOLOGY

No geological mapping has been completed on the property by the Company. As such, the following description of the geology characterizing the MCFARLANE property has been taken from Ayer (1981).

> "The (MOLY) property has limited exposure with an estimated 5% outcrop over the total area. ...The claims are underlain by Proterozoic metasedimentary rocks of the Horsethief Creek Group intruded by Cretaceous (?) stocks of quartz monzonite. Rocks of the Horsethief Creek Group occur in the eastern half of the property and consist of fine-grained mica schists, schistose metasandstone, metaconglomerates and amphibolites. Locally these metasediments have been altered to garnet and epidote-bearing, laminated skarn rocks, where the occur adjacent to the quartz monzonite stock in the south-central corner of the property.
>
> The quartz monzonite is predominantly light grey and medium-grained with 5 to 10% biotite in a subhedral-granular textured groundmass with occasional coarse-grained alkali feldspar phenocrsts. Minor younger phases of equigranular and leucocratic (less than 5% biotite) medium-grained alaskite and fine-grained aplite are also present. In several drill holes (DK-81-2 & 3) porphyry dykes with fine-grained alkali feldspar phenocrysts were observed cutting metasediments.
>
> The foliation and bedding in the metasediments are generally northerly striking with gentle easterly dips in the northern portion and steep easterly and westerly dips in the south. No major folds have been identified but minor folds are visible in outcrops and drill core. Jointing is best developed in the quartz monzonite with the dominant direction being northeasterly. Quartz veins commonly occupy northeast to east-west trending joints and fractures.
>
> ECONOMIC GEOLOGY
>
> Disseminated molybdenite and pyrite occur in quartz veins which range from less than 1 cm to over 1 m in thickness. The molybdenite bearing veins appear to be most abundant in the vicinity of the stock in the south-eastern corner of the property and at the eastern contacts of the main quartz monzonite intrusion in the central portion of the claim.

Alteration appears to be best developed in quartz monzonite rock. Alteration zones consist of potassic, propyllitic and phyllic assemblages. Potassic alteration results in a pink coloured quartz monzonite with a relatively high proportion of potassium feldspar and biotite altered to chlorite. Propyllitic alteration results in a greenish grey quartz monzonite with epidotization of plagioclase and biotite altered to chlorite. Potassic and propyllitic alteration zones are pervasive, however no systematic zonation has been recognized. Phyllic alteration of quartz monzonite is texture destructive, resulting in an equigranular rock rich in quartz and muscovite. This type of alteration has only been recognized in the selvedges of quartz veins" (Ayer 1981).

The following has been taken from Wright (1980):

"The most widespread unit is schist which consists of varying amounts of muscovite, biotite, plagioclase, quartz, cordierite and andalusite. An average composition is muscovite 50%, plagioclase 35%, quartz 12% and biotite 3%, with cordierite or andalusite constituting up to 30% of the rock in some samples. These rocks normally have a light silvery-grey colour, weathering light grey-brown. Toward the contact with the quartz monzonite intrusions, the quartz-muscovite plagioclase schist becomes corser-grained.

A thin, 400 metre-long lens of quartzite trends NS within the schists in the southeastern portion of the property. It is a medium to coarse-grained, light grey quartzite weathering light pinkish-grey.

Within the schists is a unit of meta-andesite. This rock is very fine-grained, light to medium greenish-grey, weathering dark green. Near the intrusive contact this unit is altered to skarn, which consists of bands of dark grey-green meta-andesite alternating with bands of idocrase and garnet. These bands are spaced at 20-26 cm intervals. There are also narrower 3-5 cm bands of diopside and quartz at less regular intervals. The meta-andesite grades into chlorite-muscovite plagioclase schist toward the west, this unit having an average composition of 45% plagioclase, 35% muscovite and 20% chlorite.

A 30-metre wide band of quartz-feldspar pebble conglomerate trends NS within the schists in the southwestern part of the property. This unit is light reddish-brown, weathering light brown to grey with small rusty patches of disseminated pyrite. Quartz and feldspar clasts average 4 mm in size. Muscovite-plagioclase schist layers are interbedded with the conglomerate every 1-2 metres.

To the west of the quartz feldspar pebble conglomerate are several 15-20 m wide lenses of marble which extend 200-300 m along strike. These are medium to coarse-grained, with alternating 1 cm light and dark grey bands.

A NS trending 300-600 m wide amphibolite unit occurs in the southwestern portion of the property. The unit is typically fine to medium-grained, dark greenish-black, and weathers a medium dark grey. In places it takes on a streaky appearance with thin bands of white plagioclase alternating with black amphibole. The composition is quite variable, with 60-90% amphibole (hornblende?), 10-40% plagioclase, 1-3% biotite in places and occasionally up to 1% pyrote.

A 10-15 m wide diorite dike intrudes the muscovite-plagioclase schists in the southwestern part of the property. The diorite is medium-grained, a dark grey colour, weathering medium grey, and is composed of 50-60% plagioclase, 30-40% biotite and 5-10% hornblende. Manganese staining and epidote alteration are common along fracture surfaces.

There are two quartz monzonite intrusions. Part of the major intrusive covers the northwestern portion of the map area, while the smaller, elliptical stock intrude the meta-andesites in the east. The rocks within the two intrusions are very similar in appearance. The quartz monzonite is typically medium to coarse-grained, white to pinkish-grey, weathering light pinkish-grey. An averae samples consists of 30-38% K-feldspar, 30-35% plagioclase, 25-30% quartz, and 5% biotite. K-feldspar phenocrysts may range from ½-2 cm in size. Small rusty patches of disseminated pyrite make up less than 1% of the rock in many outcrops. Towards the eastern edge of the smaller quartz monzonite stock, the rock becomes more leucocratic with less than 1% mafic mineras. These rocks have been shown as adamellite ...

MINERALIZATION

Most of the mineralization of economic importance is found within the quartz monzonite intrusions and the skarn within the meta-andesite unit. In the major intrusive, only a few tiny specks of MoS_2 were located in quartz monzonite float along the road ... In the northern part of the smaller stock ... a 10 cm thick quartz vein striking 120/90 contains small disseminated flakes of MoS_2.

Within the skarn, a few grains of scheelite (WO_3) were located ...".

2007 PROGRAM

During the 2007 field season, soil and chip sampling, followed by diamond drilling was completed on the property. A total of 435 soil samples were recovered from 5 separate lines, intended to provide further geochemical information over the entirety of the property. Soil samples were all recovered from the "B" Horizon. Holes were dug by hand using a mattock to a depth generally between 10 and 25 cm below surface. Samples were placed in Kraft soil envelopes, air dried to eliminate excess water content and shipped to Acme Analytical Laboratories Ltd in Vancouver, BC for analysis using SS80 preparation and Group 1DX analysis.

Molybdenite was identified in a road cut along a recently constructed logging road. A small chip sampling program was completed with a total of 34 samples recovered over a 34 m interval. Samples were taken along the road to determine molybdenum content, both within molybdenite-bearing veins identified and within the host metasediments (which may contain additional molybdenite-bearing veins and / or fracture coatings). Each chip sample represents a 1 metre interval, comprised of chips taken throughout the sample interval and is, therefore, considered representative of the entire interval rather than just mineralization present.

An adit, previously identified and interpreted to be one of two reported for the Ben Derby (MINFILE 082FNE125) occurrence. Five grab samples, representative of the mineralization and intimately associated alteration, were recovered from regularly spaced intervals along the roof of the adit.

Finally, a total of five diamond drill holes were completed. Four were intended to test targets derived from more aggressive picks arising from the 2006 Aeroquest airborne geophysical survey of 2006 (Walker 2007). The fifth and last hole was intended to test high grade, molybdenite-bearing quartz veins identified in the 2006 drill program (Walker 2006). A total of 1,209.43 metres of BTW drill core were recovered. A total of 121 core samples were recovered.

Core comprising sampled intervals was split in half, with one half submitted for analysis and one half retained for subsequent analysis. Sampled intervals averaged approximately 1.52 metres (5 feet) except for a number of high grade mineralized intervals for which shorter sample intervals were utilized.

All samples were submitted to Acme Analytical Laboratories for processing using SS80 (for soils) or R80 (for grab, chip and core samples) preparation and 39 element Group 1DX (ICP) analysis. Molybdenum and tungsten values in excess of the upper detection limit for the Group 1DX package were re-analyzed using the Group 7KP package.

RESULTS

Soil Sampling

A total of 435 soil samples were recovered from 5 separate contour lines located in the centre of the property (Fig. 5 and 6). The intent of the program was to extend geochemical coverage over the core of the property so as to provide data with which to evaluate the possibility of mineralization extending through the McFarlane property to the Lydy / Sphinx property (where a low grade resource has been previously reported).

To date, a total of 942 soil samples have been recovered and analyzed for the McFarlane property. The following discussion of results addresses the results of these data, rather than simply the data returned from the 2007 field program. Furthermore, in the analysis of the resulting database, the top 2% of the results were "clipped" to remove the bias of these highly anomalous outlying values on determination of background and anomalous values. Background values were designated as those values less than the median value (50%). Weakly anomalous values are those lying between the median and 1 standard deviation above the median, moderately anomalous values are those between 1 and 2 standard deviations above the median and strongly anomalous values are those greater than the median + 2 standard deviations.

The following is a tabulation of the above values determined for each element:

Element	Median	Median + 1ä	Median + 2ä	98% Value	Maximum	Minimum
Mo	0.90	3.5945	6.289	12.8	19.5	0.1
Cu	22.95	37.4701	51.9902	66.6	78.6	0.7
Pb	16.70	25.365	34.03	42.5	60.5	3.2
Zn	79.00	122.077	165.154	219	280	2
Au	1.20	2.439	3.678	5.2	9	1
W	0.60	1.593	2.586	4.0	6	

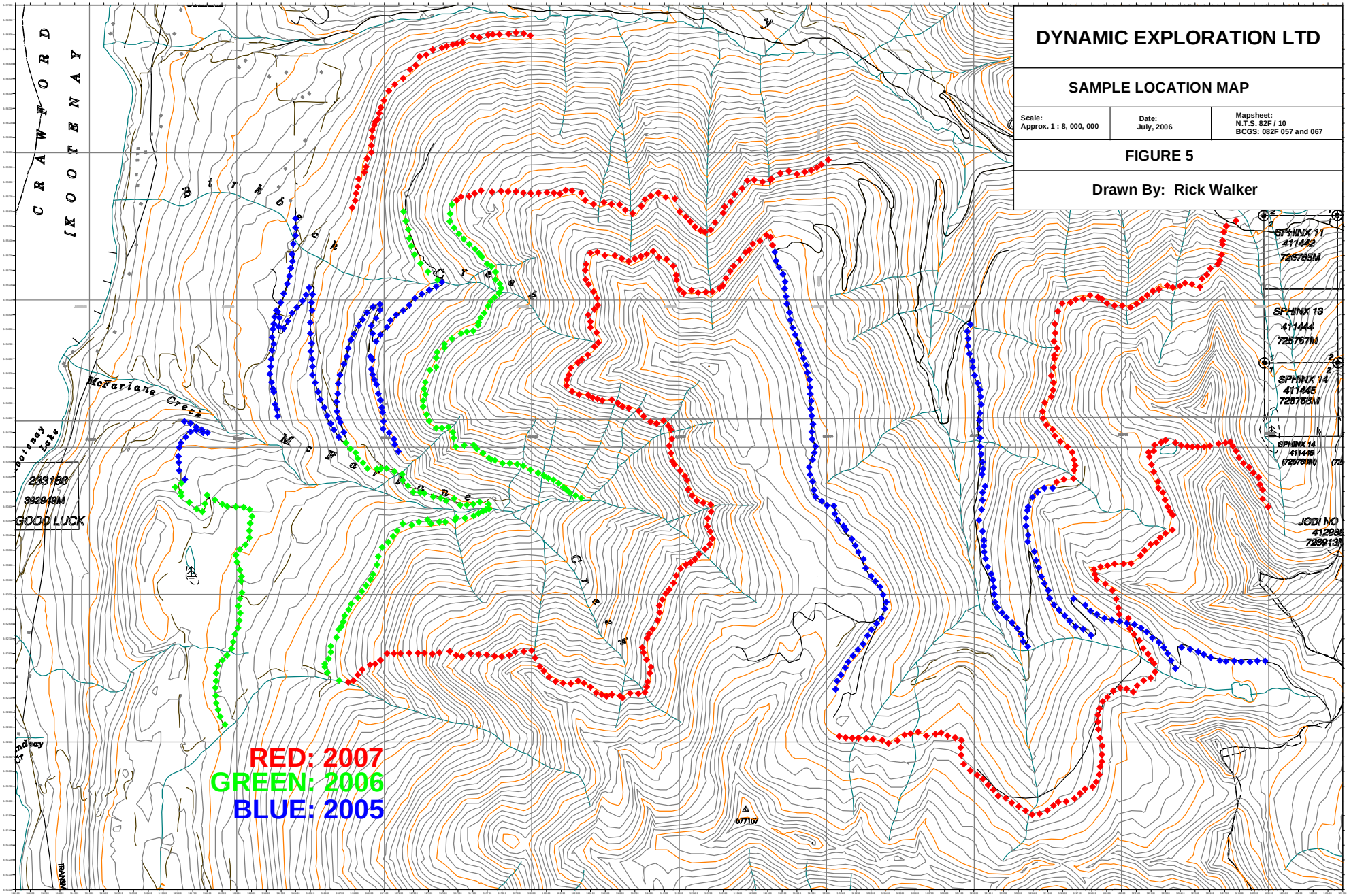
For the purposes of plotting contoured data, generally regular contour intervals were selected between the median and 98% level, with the final contour interval being >98%.

Copy of the 2007 analytical results are included in Appendix B.

Molybdenum

Of the 942 analyses returned to date for the property, 882 returned values above the minimum detection limit for molybdenum. Analysis of the available database returned a mean value of 1.821,

MC FARLANE SOIL PLOTS - 2005,2006,2007



a median value of 0.90 and a standard deviation of 2.6945.

A plot of the data for the McFarlane property (Fig. 7) documents a cluster of multiple anomalous values in the western portion of the property. This is the area of current interest on the property and was the locus of recent drill programs. A single sample maximum of 385.5 ppm was documented immediately north of the Ben Derby tenure (and Ben derby MINFILE occurrence).

The Mo data was also contoured as there appears to be a mineralized corridor defined by weakly anomalous values extending eastward through the property toward the Lydy and Sphinx properties. The contoured plot clearly defines the strongly anomalous area underlying the Ben Derby tenure. A possible mineralized corridor is weakly defined if the contouring artifacts in the southwest and northeast corners are ignored (note the lack of sample data in these areas).

Copper

Of the 942 analyses available, 882 returned values above the minimum detection limit for copper. Analysis of the available database returned a mean value of 25.898, a median value of 22.95 and a standard deviation of 14.5201.

A plot of the data (Fig. 8) documents anomalous values at higher elevations and, again, through a broadly east-west corridor through the property. Many of the highest values occur along a north flowing tributary into Gray Creek in the eastern portion of the property.

A contoured plot of the data documents broadly east-southeast to west-northwest mineralized corridor, with two subsidiary apparent northwest - southeast secondary trends evident on the east central portion of the property.

Tungsten

Of the 942 analyses available, 876 returned values above the minimum detection limit for tungsten. Analysis of the available database returned a mean value of 0.96, a median value of 0.60 and a standard deviation of 0.993.

A plot of the data (Fig. 9) documents anomalous values associated with the Ben Derby MINFILE occurrence and surrounding area. In addition, many elevated values occur along a north flowing tributary into Gray Creek in the eastern portion of the property. Finally, there are a large number of moderately anomalous values in the southeast corner of the property adjacent to, and along, the joint McFarlane / Lydy property boundary.

A contoured plot of the data emphasizes the highly anomalous values in the Ben Derby area. In addition, there is a low grade lobe extending to the northwest from the moderately anomalous area in the southeast corner.

Chip Sampling

The overall interval to be sampled, comprising a road cut in which at least three molybdenite-bearing quartz veins were identified, was subdivided into 1 metre intervals. Samples were chipped off over the entire interval and bagged in poly sample bags. Tags were hammered into the rock at each sample location. The interval was sequentially labeled from MF-C-001 to MF-C-034.

Copies of the analytical results, together with sample descriptions, are included in Appendix B.

Three molybdenite-bearing veins were identified along the road between the 2006 - 07 drill pads. Veins in this area range from thin fractures with sericitic haloes extending up to several cm into the host metasediments through quartz veins with or without sericitic haloes to molybdenite-bearing quartz ± muscovite ± pyrite veins up to 30 cm thick.

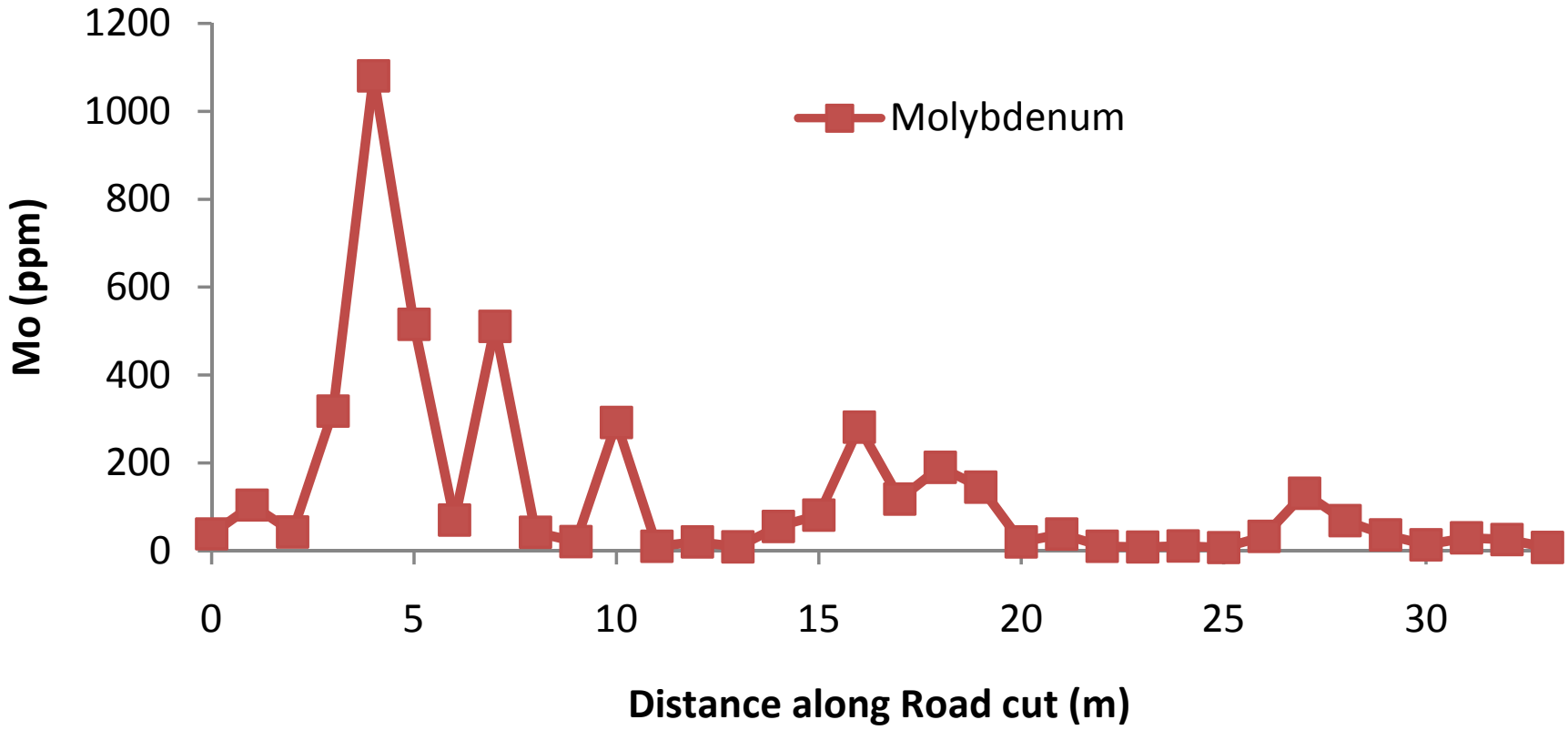
The exposure sampled contained three visible veins, similar to those documented in the 2006 and 2007 drill programs, between 15 and 30 cm thick. The veins are at an oblique angle to the road cut and, therefore, the samples intervals are not believed to be true widths. Field notes accompanying the chip sampling program are included in Appendix C, together with the complete analytical results for the samples.

The chip sample results document a total of three intervals having molybdenum values in excess of 100 ppm (0.01%). One relatively thick interval of 8 m having highly anomalous values was documented. Pertinent results are as follows:

Sample Number	From (m)	To (m)	Width (m)	Mo (%)
4 to 11	3	11	8	0.04
including	3	6	3	0.06
	4	5	1	0.108
	5	6	1	0.05
	7	8	1	0.05
	10	11	1	0.03
17 to 20	16	20	4	0.02
28	27	28	1	0.01

A simple graph of the results (Fig. 13) shows three general peaks that correspond to the table above.

Fig. 10 - Chip Sample Results



Adit Sampling

The Ben Derby MINFILE showing (082FNE125) "... occurs where Cretaceous granitic intrusions come into contact with argillites and quartzite of the Upper Proterozoic Horsethief Creek Group (Windermere Supergroup). Disseminated molybdenite was noted in the granite near the contact zone. Earlier exploration consisted of driving two adits on steeply dipping 1.2-metre-thick white quartz veins mineralized with molybdenite".

An adit located as part of the initial 2005 field program

The Ben Derby adit was driven approximately 50 m along a molybdenum-bearing quartz vein along an azimuth of approximately 060°. The vein is approximately 1.2 m thick and contains disseminated molybdenum at the adit entrance, with molybdenum content and, therefore, grade increasing to the east along the length of the adit. The vein is associated with coarse to very coarse development of muscovite, interpreted as an indication of potassium alteration. A total of five samples were taken from the vein along its length for a determination of molybdenum content.

A total of five grab samples were recovered along the roof of the adit for evaluation of molybdenum content. The samples recovered are representative of mineralization intimately associated with, and immediately adjacent to, sericitic alteration within the host quartz vein. The adit was driven along a molybdenite-bearing quartz + sericite vein, located approximately 300 m west-northwest of 2006 Pad 2 (Holes MC-06-03 and 04) and approximately 900 m west-southwest of 2006 Pad 3 (Holes MC-06-05 to 07) and 2007 Hole 5. Samples notes included in Appendix D, together with the complete analytical results for the samples.

Three of the samples returned relatively high grade molybdenum values, as follows:

Sample	Mo (%)
HCMF07-Adit 2	0.04
HCMF07-Adit 4	0.817
HCMF07-Adit 5	0.82

Drilling

A total of five drill holes were completed during the 2007 field season to test more aggressive picks by Aeroquest on the airborne geophysical data collected during the 2006 field season. All pads were located on the existing road system so as to minimize surface disturbance during preliminary evaluation of the property.

Holes MF-07-01, 02 and 05 were drilled on Crown Land north of McFarlane Creek. Holes 03 and 04 were drilled south of McFarlane Creek on private land owned by Tembec Industries.

Collar location for the holes is as follows (see also Appendix D):

Hole #	Easting	Northing	Azimuth	Inclination	Depth (m)
MF-07-01	516235	5494768	055°	- 45°	77.11
MF-07-02	516235	5494768	252°	- 45°	370.94
MF-07-03	515818	5493683	270°	- 45°	309.97
MF-07-04	516437	5492510	135°	- 45°	233.78
MF-07-05	516903	5494792	066°	- 45°	217.63

A total of 121 drill core samples were taken from the resulting drill core, from vein intervals having significant alteration and/or visible mineralization (molybdenite and/or pyrite). Copies of analytical results are included in Appendix D.

MF-07-01

The first hole of the program was only drilled to a depth of 77.11 m as it was discovered the drillers had set the drill up so as to drill toward the backsight. A single sample was taken from the hole which returned only nominal values.

MF-07-02

The second hole was drilled from the same set-up as the first, with the drill turned 180° from hole 1 so as to drill toward the secondary Aeroquest anomaly. A total of 23 samples were taken from sericitic veins in the hole, of which 5 samples returned weakly to moderately anomalous molybdenum values.

MF-07-03

The third hole was drilled south of McFarlane Creek to test another Aeroquest target. A total of 35amples were taken of drill core having sericitic alteration associated with veining. None of the

samples returned meaningful molybdenum and/or copper results.

MF-07-04

Hole 04 was drilled along an old logging road along an unnamed creek south of McFarlane Creek. The pad was located as close to the Aeroquest anomaly as was practical for the existing conditions. A total of 11 samples were taken, with none returning any significant values.

MF-07-05

The final hole of the program was drilled approximately 180 m south of 2006 holes 05 to 07, from which interesting molybdenum values had been previously documented. A total of 52 samples were taken from the resulting core. Of these, fourteen returned weakly to very highly anomalous values for molybdenum, including an interval from 201.50 to 211.80 that returned a weighted average value of 0.889% Mo over 7.3 metres. The angle of intercept between the core axis and the vein contacts was at a very shallow angle, interpreted to indicate the vein thickness was significantly exaggerated by the drill azimuth and/or inclination with respect to the vein.

Regardless, the intercept represents a high grade molybdenite-bearing vein which, together with the other shorter intercepts documented higher in the hole, indicates the presence of narrow, high grade molybdenite-bearing veins. Furthermore, the shallow intercept between the core axis and the vein contacts indicates that the drill was poorly oriented to adequately test the vein system.

DISCUSSION

The following has been taken from Walker (2006):

> The Aeroquest International airborne geophysical survey documents a strong magnetic signature, interpreted to represent the Crawford Stock, extending from Kootenay Lake into the western portion of the claims, consistent with interpretations from previous limited mapping in which intrusive lithologies were identified at surface on the property. Prominent magnetic and EM anomalies are evident, oriented north-south, sub-parallel to the previously mapped geology. There is a strong association between magnetic and corresponding EM anomalies, although generally not coincident, which is interpreted to reflect anomalies within individual stratigraphic formations underlying the property. At this time, it remains uncertain whether these anomalies are inherent to the strata or if they reflect anomalies associated with alteration and/or mineralization due to proximity to Cretaceous intrusive bodies correlated to the Bayonne Magmatic Belt.

In general, the data documents prominent magnetic and EM, generally elongate to linear anomalies within the north-trending mapped geology. Eagle Plains has reported their Inferred Resource to be associated with a quartz monzonite having a very small surface exposure approximately 1,300 m north of the Lydy property. The sub-surface projection of the mineralized quartz monzonite and surface geochemistry, as documented on Eagle Plains web-site, extends south-southwest along the west side of Baker Creek toward the adjacent Lydy property.

A prominent and very strong magnetic anomaly is evident on the ... data, extending essentially north-south and may have a sharp (faulted?) eastern termination. Underlying the majority of the property is a broad magnetic low, sub-parallel to the geology as previously mapped. However, a spatially coincident EM high is oriented slightly oblique to the magnetic anomaly and has a subtle anomaly trending south-southwest which may represent a response to the mineralized Cretaceous intrusive.

Walker (2007) stated "... review of the 2006 drill hole data with regard to the airborne geophysical results confirmed that the holes were collared along the eastern fringe of the Crawford Stock. There appears to be several prominent EM anomalies evident on the $Z_{OFFTIME}$ plot in the vicinity of the Ben Derby (MINFILE 082FNE125) molybdenite occurrence.

In addition, the more aggressive picks from the subsequent Aeroquest interpretation results in a number of anomalies ... Several of the picks are aligned in possible linear arrays along the trend of the EM anomalies, whereas others are single anomalies. The nature of these anomalies remains unknown at this time but follow-up ground evaluation has been proposed".

Of particular interest to molybdenum potential, however, are the results of hole 5. A 7.3 metre interval (Note: not true width) returned a weighted average grade of 0.889% Mo, comprised of at least one quartz + pyrite + molybdenum vein within a granite host . Results from Hole 5 are tabulated below:

Hole	**From (m)**	**To (m)**	**Width (m)**	**Mo (ppm)**
5	18.70	19.10	0.4	594.4
	151.50	152.20	0.7	167.8
	167.50	167.90	0.4	305.3
	172.80	173.10	0.3	2080
	181.30	181.70	0.40	204

	184.20	184.90	0.7	974.5
	201.50	211.80	7.3	8889
including	204.50	205.60	1.1	13860
	207.10	208.80	1.7	19930

As a result of these high grade results, drill core from the 2006 program has been reviewed and re-sampled. Sampling in 2006 emphasized potential for bulk tonnage (high tonnage, low grade) potential, whereas the results of the 2007 program are interpreted to indicate low tonnage, high grade potential along one (or more) mineralized horizons. A number of very narrow, but high grade intervals were not sampled during the 2006 program. These intervals, as well as core adjacent to high grade intervals will be sampled in order to thoroughly evaluate the mineral potential of this horizon.

Hole 5 was drilled approximately 180 m south of 2006 Holes 5 to 7 specifically to test for the presence of this vein horizon. The results of Hole 5 are interpreted to indicate the vein is continuous or part of an en echelon vein array over the 180 m between last years Holes 5 to 7 (Pad 3) and the recently completed Hole 5.

The property overlies the eastern edge of the Crawford Stock, an intrusion of biotite granite of Cretaceous age correlated to the Bayonne Magmatic Belt. The intrusion is evidenced on an Aeroquest airborne geophysical survey as a prominent magnetic anomaly on the west side of the property (Walker 2006). The anomalous molybdenum-bearing veins are located along the eastern fringe of the magnetic anomaly, however, this is not a suitable criteria for targeting drill holes as the first four holes in the 2007 program did not return many significantly mineralized intervals, with the possible exception of hole 2, as follows:

Hole	From (m)	To (m)	Width (m)	Mo (%)
2	43	44	1	0.02
	160.5	161.1	0.6	0.06
	173.1	174.7	1.52	0.03
	185	186	1	0.01
	344.5	346.1	1.6	0.02

There appears to be a spatial association between the radiometric data and the location of mineralized holes, which may reflect an indirect indication of a control on mineralization (i.e.

potassic alteration, different phases within the larger Crawford Stock intrusion, etc.). At this time, no direct indication of mineral potential has been identified (with only 12 holes completed to date).

In addition, recent work over the past year resulted in identification of molybdenite exposed along the road to 2007 Hole 5. The 2007drill program was prematurely aborted due to commencement of logging operations in close proximity to the drill. It is anticipated that skid trails associated with this logging activity may result in exposure of additional mineralized outcrop. Prospecting, with geological mapping is also proposed for the area surrounding the 2006 -07 drill pads to take advantage of new access and possible exposures from logging..

Given the orientation of the vein accessed by the adit, narrow, high grade molybdenite-bearing veins are interpreted to be oriented approximately 060°-240°, dipping steeply (80°) to the north. Management believes potential exists for delineation of a high grade molybdenite-bearing vein system, comprised of southwest striking, north dipping, en echelon, molybdenite-bearing quartz veins ranging from mm- to m-scale (to 1.2 m thick). Molybdenum-bearing veins are interpreted to cross-cut strata of the metasedimentary host. As a result, drill holes at a moderate to high angle to host strata are at a shallow angle to the mineralized veins.

The property has had previous work completed, which resulted in identification of surface soil anomalies for molybdenum, copper, lead, zinc and limited tungsten,. Subsequent diamond drilling in 1981 returned narrow, high grade molybdenum-bearing intervals grading up to 8,000 ppm (0.8%) over 1.22 m. The results of the 2006-07 program confirmed similar high grade mineralization over small intervals (1.993% over 1.70 m).

Previous programs have documented anomalous Mo (± W) underlying the area between McFarlane and Birkbeek creeks. Furthermore, the property's western boundary is located approximately 1 km west-southwest of the Sphinx property, for which an Inferred Resource of 62,005,615 tonnes grading 0.035% Mo, using a cut-off grade of 0.01% Mo, was recently announced (Eagle Plains 2005a and 2005b). The resource is associated with an interpreted Cretaceous age intrusive body, with mineralization occurring as "disseminations and within quartz-pyrite stockwork veins hosted by both sedimentary and intrusive rocks".

The emphasis of the 2006 drill program was to test for disseminated mineralization associated with a possible bulk tonnage (high tonnage, low grade) deposit. The results of the 2006-07 program are interpreted to indicate possible potential for low tonnage, high grade mineralization. The structural control on mineralization is uncertain at this time, however, further work will be undertaken on both the 2006 and 2007 drill core, including further sampling of small molybdenite-bearing veins and veinlets in the 2006 core, in order to obtain a better understanding of these controls. Many of these small mineralized intervals were not sampled as they did not appear to have potential for significant mineralized intervals conducive to bulk tonnage potential.

The molybdenite-bearing vein developed by the Ben Derby adit trends toward the area hosting molybdenite-bearing veins on the road slightly south of pad 4 (2006 holes 5 through 7). Hole 5

(2007) was approximately 180 m south of 2006 pad 4 and, therefore, approximately 150 m south-southeast of the molybdenum-bearing veins exposed (and sampled) along the roadcut.

On the basis of this information, there is interpreted to be a swarm of veinlets to veins extending northeast (azimuth 060°) from the Ben Derby adit toward the area of the 2006 - 07 drilling. The veins vary from thin fractures to thick (up to 1.2 m thick) quartz veins with variably developed sericitic alteration haloes comprised of coarse-grained muscovite, ± pyrite ± molybdenite. Taken together with the Ben Derby Adit, the area thus defined is 100 m wide by 900 m long along an azimuth of 060°. If all holes from 2006 are included (all of which documented narrow, high grade molybdenum intercepts), the area containing potential for identification of high grade molybdenum-bearing veins increases to 500 m by 900 m.

The 2007 drill program was intended to test two of the more speculative picks made in the detailed interpretation of airborne geophysical results received from Aeroquest, interpreted to potentially represent molybdenum mineralization. A total of four additional pads have been proposed to test prominent magnetic geophysical anomalies, interpreted to be satellite intrusives associated with the Cretaceous Crawford Stock. The drill holes are intended to test the transition from less magnetic host lithologies into two separate and distinct, strongly magnetic anomalies. A total of six pads have been approved for drilling. Two lie north of McFarlane Creek and are accessible by vehicle, while the remaining four will utilize helicopter support. Results from early holes will dictate whether later holes will be drilled or whether more than one hole will drilled from any given pad. Average hole depth is expected to be approximately 300 m.

A proposed program to follow up on these results includes preparation of a detailed grid and soil sampling, followed by an Induced Potential (IP) survey and diamond drilling.

A proposed test grid should consist of 11 lines oriented perpendicular to the trend of the molybdenite-bearing vein accessed by the Ben Derby adit. A 1.1 km baseline should extend 1.1 km northeast from the Ben Derby adit, parallel to the trend of the vein (060°-240°). Survey lines 1 km long should be oriented 150° - 330°, perpendicular to the baseline, with individual lines spaced every 50 m, so as to provide a tight sample spacing for both soil and IP programs.

The geophysical program proposed would consist of a detailed 3D Induced Potential survey, intended to test the response of narrow, high grade, molybdenite-bearing quartz veins with respect to host rocks. The combination of soil sample results and the IP survey over the detailed test grid is expected to allow direct comparison between analytical soil and IP results for future application on the property.

A proposed subsequent diamond drill program should consist of 9 drill pads located along existing roads. A total of 11 holes are proposed, oriented toward azimuth 150° (southeast) and inclined at -45° (the shallowest inclination feasible), so as to produce drill hole intercepts with the vein array at approximately 35°. Several steeper holes could be drilled from pads close to the surface projection of the vein system so as to determine the down-dip continuity and extent of the veins,

resulting in correspondingly shallower core - vein intercepts.

The proposed program is expected to provide valuable information on the vein system, its orientation and continuity (both along strike and at depth) as well as variations in molybdenum grade. Based on soil results to date, taken along the existing road network, anomalous copper and molybdenum values have been identified in a broad corridor extending east from the eastern contact of the Crawford Stock through the McFarlane property toward the Lydy property. Ideally, the combination of a detailed soil / IP survey with diamond drilling would provide a signature that can be used to extend identification of the mineralized system farther to the east within the McFarlane / Lydy property. This possibility would, obviously, be of considerable significance to the Company given an Inferred Resource of 62,005,615 tonnes grading 0.035% Mo, using a cut-off grade of 0.01% Mo, announced by Eagle Plains (Eagle Plains 2006a, 2006b) on their Sphinx property, located immediately north of the joint McFarlane / Lydy property boundary.

Management is very encouraged by the results returned from the McFarlane property to date. Quantitative results have confirmed high grade, molybdenite-bearing quartz veins, with veins ranging from mm-scale to a maximum of 1.2 m (Ben Derby adit). Evaluation of available information is interpreted to suggest potential for identification of additional mineralization localized along an en echelon vein system. Furthermore, Eagle Plains low grade resource to the northeast may indicate potential for the mineralized vein system to extend from the Crawford Stock through the McFarlane property to the Lydy / Sphinx properties. Mineralization on the Sphinx property is associated with an interpreted Cretaceous age intrusive body, occurring as “disseminations and within quartz-pyrite stockwork veins hosted by both sedimentary and intrusive rocks”.

The potential for intrusion-related and/or other magmatic related mineralization continues to be suggested by:

1) the general association of molybdenum with Cretaceous intrusions of the Bayonne Magmatic Belt,
2) possible association of a weakly (to moderately) anomalous “intrusion-related gold” suite of metals including arsenic, antimony, bismuth, tungsten and tin,
3) spatial association between silver-bearing to silver-rich base metal veins and documented intrusions (i.e. Perry Creek - Moyie River area, Rose Pass area (Welcome-Enterprise) and, in particular, the Sanca - Akokli Creek area),
4) the documented presence of relatively small felsic intrusions in the general area (i.e. Hall Lake Stock, Sawyer Stock, Ailsa Lake, Mount Skelly Complex, Fry Creek Batholith, etc), and
5) an arguably higher grade metamorphic grade evident in the limited exposures along the road network between Birkbeck and McFarlane Creeks with respect to the regional metamorphic grade.

Potential for identification of porphyry-style mineralization is interpreted to be supported by:

1. proximity of the McFARLANE property to the Sphinx property of Eagle Plains Resources Ltd on which an Inferred Resource of 62,005,615 tonnes grading 0.035% Mo, using a cut-off grade of 0.01% Mo has been identified (Eagle Plains 2005a and 2005b),
2. identification of a number of anomalous to highly anomalous molybdenum valuesin both soils and drill core, together with a relatively large number of weakly through strongly anomalous Mo values, and
3. Widespread and weakly to arguably moderately anomalous copper mineralization identified in a number of areas on the property, albeit not generally coincident with molybdenum.

CONCLUSIONS

The 2007 confirmed the preliminary results of the 2006 program, more specifically, the presence of narrow, high grade molybdenite-bearing veins and / or veinlets that might indicate potential for identification of a low tonnage, high grade deposit. Furthermore, the azimuths and inclinations used to test the property to date, highly oblique to perpendicular to the orientation of bedding, appears to be sub-parallel to the vein system and, therefore, a poor orientation to test the vein system. An orientation toward the north or south, dependent upon the dip of the vein system is recommended.

Therefore, it remains uncertain whether the aggressive Aeroquest airborne geophysical targets have been adequately drill tested. If the generally east-west orientation of the molybdenite-bearing vein system is consistent over the property, then the broadly east-west orientation of the drill holes may conceivably have been located within other vein systems and yet have intersected nothing. Further evaluation of the drill results will be undertaken.

As previously reported, weakly anomalous analytical values and moderate to high correlation coefficients in both soil and drill samples for arsenic, bismuth, tungsten and/or tin may indicate potential for intrusion-related gold mineralization. Anomalous values for the "intrusion-related gold" suite of metals (except gold) may indicate potential for identification of mineralization under this model. Previous reports of tungsten skarn and Mo ± W ± Cu porhyry-type mineralization, as well as a general correlation between Mo, Cu and other "magmatic" metals is further taken as support for mineralization derived from a magmatic source. The information documented to date from the various programs on the property preclude none of these mineral deposit models at this time, however, evidence for high grade, narrow vein-hosted molybdenum seems to be most dominant.

The property is located between mapped exposures of the Crawford Stock, correlated to the Bayonne Magmatic Suite (Logan 2002), and an unnamed intrusion which is host to an Inferred Resource of 62,005,615 tonnes grading 0.035% Mo, using a cut-off grade of 0.01% Mo (Eagle Plains 2005a and 2005b). Strongly anomalous molybdenum reported from programs completed to date on the property (soil, chip and rock sampling, as well as diamond drilling and core sampling), together with proximity to a documented molybdenum resource are interpreted to suggest the MCFARLANE property may have potential for identification of analogous molybdenite mineralization.

RECOMMENDATIONS

1. Compilation of previous results from previous programs should be undertaken to build a database of all available data from both the McFARLANE and LYDY properties, as well as the immediately adjacent Sphinx property to the north;

2. Continue soil sampling on the property, extending the current coverage from the existing road network to contour lines. Samples should be taken along major contours to provide coarse coverage of the property. Additional soil lines through the middle and upper elevations of the property are also recommended;

3. Creeks draining the property should be silt sampled;

4. Geological mapping should be undertaken to:
   a) identify and/or re-establish known mineralized horizons from previous drilling,
   b) identify and/or confirm the stratigraphy present on the property and identify possible marker horizons,
   c) provide better structural control for the property;

5) Consider a ground-based Induced Potential (IP) geophysical survey to identify possible sub-surface anomalies associated with a possible porphyry-type deposit;

6) Undertake further diamond drilling to test surface anomalies identified on the basis of soil and rock sampling and sub-surface anomalies identified from airborne and/or ground-based geophysical surveys.

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APPENDIX A

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Richard T. Walker, of 2601 - 42nd Avenue South, Cranbrook, BC, hereby certify that:

1) I am a graduate of the University of Calgary of Calgary, Alberta, having obtained a Bachelors of Science in 1986.

2) I obtained a Masters of Geology at the University of Calgary of Calgary, Alberta in 1989.

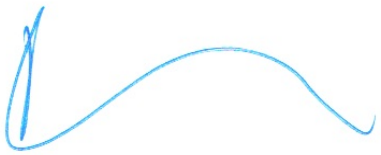
3) I am a member of good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4) I am the Vice President - Exploration for Jasper Mining Corporation, with an office at 2601 42nd Avenue, Crescent, Cranbrook, British Columbia.

5) I am the author of this report which is based on a field program completed under my supervision between April 15th and September 20th, 2007.

6) I was personally involved in the acquisition of the claims described herein.

Dated at Cranbrook, British Columbia this 18th of February, 2008.



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Richard T. Walker, P.Geo.

APPENDIX B

SOIL SAMPLE RESULTS

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A706441 Page 1 Received: AUG 22 2007 * 436 samples in this disk file.
Analysis: GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
G-1	1.1	1.9	2.4	44	<.1	7.7	4	534	1.75	<.5	2.4	<.5	4.4	52	<.1	<.1	0.1	36	0.44	0.075	7	81	0.62	220	0.119	1	0.9	0.058	0.52	0.1	<.01	2.1	0.4	<.05	4	<.5	<1	<1	1.1
MF-A 00+00	0.9	14.5	7.6	95	0.1	41.3	12.2	525	2.63	2.8	0.6	<.5	5.7	13	0.1	0.1	0.6	21	0.1	0.18	17	26	0.67	109	0.048	1	2.08	0.01	0.07	0.5	0.01	1.7	0.1	<.05	6	<.5	<1	<1	2.9
MF-A 00+50E	0.6	9.2	16.2	123	0.3	59.4	10	443	1.94	3.6	0.8	<.5	4.1	25	0.3	0.3	0.5	23	0.15	0.241	15	13	0.25	197	0.125	2	3.25	0.024	0.07	0.4	0.04	2.4	0.1	<.05	8	<.5	<1	1	20.2
MF-A 01+00E	0.6	12.3	13.9	133	0.2	33.7	7.8	1088	1.92	5.9	0.8	0.6	3.3	24	0.3	0.3	0.4	24	0.17	0.458	10	9	0.14	243	0.148	3	4.57	0.021	0.06	0.3	0.06	2.1	0.1	<.05	10	<.5	<1	1	19.6
MF-A 01+50E	0.7	18.4	13.4	254	0.2	56.6	10.8	1479	2.02	5.3	0.6	<.5	4.3	17	0.3	0.5	0.5	27	0.1	0.317	11	13	0.24	202	0.127	2	3.49	0.021	0.08	0.5	0.04	2	0.1	<.05	9	<.5	<1	1	20.3
MF-A 02+00E	0.8	14.1	12.2	92	<.1	79.5	12.4	874	2.35	3.3	0.6	<.5	4.8	26	0.2	0.3	0.7	26	0.19	0.051	14	20	0.45	143	0.104	3	2.46	0.019	0.13	0.4	0.03	1.6	0.1	<.05	7	<.5	<1	1	8.2
MF-A 02+50E	0.5	8.1	25.1	139	<.1	46.6	19.3	1169	1.79	3.4	0.4	0.6	1.9	51	0.5	0.5	0.5	23	0.42	0.181	10	15	0.24	255	0.096	3	2.38	0.022	0.1	0.3	0.05	1.6	0.1	<.05	7	<.5	<1	1	5.2
MF-A 03+00E	0.5	17.5	6.7	85	<.1	42.1	13.7	435	2.41	2.3	0.8	<.5	5.9	13	0.1	0.1	0.7	21	0.08	0.088	18	25	0.58	87	0.057	1	1.85	0.008	0.1	0.6	0.01	1.7	0.1	<.05	5	<.5	<1	<1	1.9
MF-A 03+50E	0.6	17	13.1	147	0.2	48.6	13.2	1725	2.21	3.6	0.6	<.5	3	55	0.3	0.3	0.5	28	0.38	0.253	10	22	0.36	344	0.129	3	3.18	0.023	0.14	0.3	0.04	2.3	0.2	<.05	9	<.5	<1	1	9.9
MF-A 04+00E	0.6	33.7	10	102	0.2	76.5	21.7	401	2.9	2.3	1.6	<.5	6.4	28	0.2	0.1	0.4	34	0.18	0.106	25	31	0.57	88	0.128	2	3.76	0.021	0.21	0.4	0.03	4.5	0.3	<.05	10	<.5	<1	1	36.5
MF-A 04+50E	0.5	17.3	17.1	127	<.1	54.5	15	754	2.98	5.7	0.5	<.5	6	34	0.4	0.3	0.5	29	0.26	0.18	13	35	0.74	172	0.08	2	2.73	0.01	0.17	0.6	0.02	2.5	0.2	<.05	8	<.5	<1	1	6.9
MF-A 05+00E	0.6	21.5	11.7	93	0.1	68.3	15.2	488	2.91	2.3	1.1	<.5	6.4	23	0.2	0.3	0.5	34	0.14	0.071	17	33	0.63	167	0.119	2	3.78	0.019	0.13	0.4	0.04	3.3	0.2	<.05	10	<.5	<1	1	29.3
MF-A 05+50E	0.4	22.4	9.9	76	0.1	78.4	11.9	391	2.47	1.7	1.3	0.7	5.6	30	0.1	0.2	0.4	28	0.17	0.135	22	22	0.39	141	0.144	2	4.07	0.031	0.11	0.3	0.04	3.8	0.2	<.05	9	<.5	<1	1	39.9
MF-A 06+00E	0.3	12.4	19.3	145	0.1	72.7	12.1	754	2.09	5.7	0.6	<.5	4.7	46	0.3	0.3	0.5	23	0.27	0.229	10	22	0.37	263	0.111	3	2.94	0.027	0.13	0.2	0.03	2.2	0.2	<.05	7	<.5	<1	1	10.6
MF-A 06+50E	0.3	9	9.5	168	0.2	46.4	9.4	554	1.61	3.4	0.4	0.6	3.1	45	0.3	0.3	0.3	20	0.32	0.198	8	17	0.31	322	0.07	3	1.64	0.023	0.15	0.1	0.04	1.8	0.1	<.05	5	<.5	<1	1	3.9
MF-A 07+00E	1.1	40.6	12.3	76	<.1	70.1	17.7	961	6.38	2.4	1.2	<.5	8.8	29	0.2	0.4	0.4	28	0.19	0.044	33	43	0.74	81	0.024	2	1.8	0.006	0.16	0.4	0.02	3	0.2	<.05	5	<.5	<1	<1	2.6
MF-A 07+50E	0.6	28.1	13	132	0.1	118.4	20.9	536	3.3	1.4	0.7	0.5	6.3	29	0.2	0.3	1	32	0.19	0.062	15	31	0.59	209	0.096	3	2.91	0.023	0.16	0.4	0.03	2.6	0.2	<.05	9	<.5	<1	1	9.5
MF-A 08+00E	0.5	17.3	14.3	91	0.1	91.3	12.5	393	2.57	4.7	1.1	<.5	5.7	33	0.2	0.5	0.4	28	0.21	0.146	17	20	0.35	161	0.147	3	4.11	0.023	0.1	0.6	0.04	2.5	0.1	<.05	10	<.5	<1	1	35.5
MF-A 08+50E	0.4	14.3	9.5	74	0.3	56.2	11.8	364	2.24	3.2	0.8	0.5	4.4	25	0.2	0.3	0.4	26	0.16	0.204	12	19	0.34	173	0.121	1	3.38	0.024	0.11	0.6	0.04	2.4	0.1	<.05	8	<.5	<1	1	20
MF-A 09+00E	0.4	23.2	8.9	82	0.1	68.3	16.8	501	2.96	3.1	0.6	0.7	6.2	22	0.1	0.3	0.6	30	0.09	0.116	14	38	0.72	169	0.077	1	2.95	0.013	0.15	0.5	0.02	2.5	0.2	<.05	8	<.5	<1	1	8.4
MF-A 09+50E	0.4	12.6	6.3	108	<.1	45.3	18.7	636	3.04	2.9	0.3	<.5	4.2	12	0.1	0.2	0.2	25	0.07	0.1	10	41	0.8	128	0.038	1	2.16	0.009	0.11	0.2	0.02	2.4	0.1	<.05	7	<.5	<1	<1	1.4
RE MF-A 09+50E	0.3	11.8	6.3	112	<.1	46.9	18.7	600	2.9	2.8	0.4	<.5	4.4	12	0.1	0.1	0.2	26	0.07	0.101	12	39	0.84	131	0.038	1	2.23	0.01	0.12	0.2	0.02	2.3	0.2	<.05	7	<.5	<1	1	1.2
MF-A 10+00E	0.4	21.3	7.1	99	<.1	46.2	15.9	430	3.07	3	0.5	<.5	4.9	29	0.1	0.1	0.4	25	0.13	0.074	16	37	0.9	129	0.039	1	2.07	0.006	0.12	0.5	0.01	2.2	0.1	<.05	7	<.5	<1	<1	1.4
MF-A 10+50E	0.3	23	8.2	92	0.1	73.4	22.1	420	3.15	2.6	0.7	<.5	6.1	19	0.1	0.2	0.3	27	0.12	0.081	17	36	0.79	111	0.058	1	2.6	0.011	0.13	0.5	0.02	2.6	0.2	<.05	8	<.5	<1	1	6.5
MF-A 11+00E	0.3	15.1	10.2	83	<.1	60	19.4	362	2.69	4.9	0.4	<.5	4.2	27	0.2	0.3	0.3	26	0.13	0.122	10	29	0.68	129	0.084	1	2.89	0.012	0.11	0.4	0.02	2.3	0.1	<.05	9	<.5	<1	1	8.8
MF-A 11+50E	0.6	36.2	9.8	91	0.2	82.1	23.3	511	3.28	4.2	0.6	1	5.4	17	0.1	0.2	0.6	35	0.09	0.07	11	45	0.84	186	0.09	2	3.06	0.014	0.17	0.6	0.03	3	0.2	<.05	10	<.5	<1	1	7.2
MF-A 12+00E	0.4	11.5	12.7	86	<.1	25.7	11.7	1075	1.93	4	0.4	<.5	3.8	33	0.2	0.3	0.3	18	0.16	0.117	12	20	0.44	206	0.039	1	1.52	0.012	0.09	0.4	0.02	1.5	0.1	<.05	5	<.5	<1	<1	2.2
MF-A 12+50E	0.3	7.6	14	84	0.1	27.6	10.5	392	1.53	4.2	0.3	0.5	3.1	23	0.3	0.3	0.3	17	0.13	0.165	10	13	0.28	164	0.057	1	1.5	0.013	0.07	0.2	0.03	1.2	0.1	<.05	6	<.5	<1	1	4.1
MF-A 13+00E	0.4	17.9	11.9	66	0.1	44.5	11.4	276	2.49	7.1	0.4	<.5	5.1	14	0.1	0.2	0.3	18	0.08	0.075	15	20	0.64	119	0.037	<1	1.78	0.007	0.07	0.4	0.02	1.4	0.1	<.05	5	<.5	<1	<1	2.9
MF-A 13+50E	0.4	18.5	12.1	86	0.2	54.6	23.9	249	2.4	5.7	0.8	<.5	5.1	16	0.2	0.4	0.4	29	0.09	0.171	7	17	0.27	113	0.121	2	3.42	0.02	0.07	0.4	0.06	2	0.1	<.05	9	<.5	<1	1	25.1
MF-A 14+50E	0.7	19.2	21.6	109	0.1	42	19.7	855	2.85	5.3	0.6	<.5	5.5	20	0.4	0.5	0.5	24	0.15	0.123	16	23	0.49	167	0.037	1	2.02	0.01	0.09	0.9	0.05	1.4	0.1	<.05	7	<.5	<1	1	2.5
MF-A 15+00E	0.6	26.6	17.3	106	0.1	61	25.7	707	3.05	5.3	0.9	0.7	5.4	17	0.3	0.5	0.5	28	0.07	0.1	15	26	0.55	116	0.073	1	2.75	0.012	0.07	0.9	0.04	2.3	0.1	<.05	8	<.5	<1	1	10.2
MF-A 15+50E	0.4	19.4	12.7	104	0.1	85.1	16.9	536	2.52	4.2	0.9	1	6.2	27	0.1	0.3	0.5	21	0.24	0.11	21	23	0.56	111	0.064	1	2.45	0.017	0.1	1.4	0.03	2.2	0.1	<.05	7	<.5	<1	1	7.1
MF-A 16+00E	0.6	16.5	8.5	94	0.1	64.1	19	367	3.05	4.6	0.9	<.5	6.8	14	0.1	0.4	0.3	20	0.09	0.236	17	25	0.54	118	0.058	<1	3.31	0.009	0.05	0.9	0.06	1.6	0.1	<.05	8	<.5	<1	1	10.9
MF-A 16+50E	0.4	48.7	7.7	108	0.1	75	22.7	370	3.53	4.3	1.2	<.5	6.8	11	0.1	0.2	0.4	21	0.06	0.061	33	34	1.05	91	0.031	<1	2.51	0.008	0.06	1.1	0.02	2	0.1	<.05	8	<.5	<1	<1	4.8
MF-F 17+00E	0.6	24.1	13.2	87	0.2	56.4	15.4	388	2.53	6.4	1	<.5	4.8	15	0.2	0.3	0.4	28	0.08	0.115	13	16	0.35	107	0.12	1	3.54	0.016	0.05	0.3	0.05	2.2	0.1	<.05	9	<.5	<1	1	24.2
MF-F 17+50E	0.4	24	13.8	112	0.2	66	20.7	328	2.84	7.5	0.9	<.5	6.1	33	0.2	0.3	0.5	28	0.23	0.088	13	20	0.45	126	0.11	2	3.32	0.023	0.08	0.3	0.06	2.1	0.1	<.05	9	<.5	<1	1	16.1
MF-F 18+50E	0.5	22.2	10.1	97	0.2	65.2	13.6	396	2.5	4.1	0.9	0.5	5.5	27	0.2	0.4	0.3	21	0.17	0.178	13	19	0.43	128	0.089	3	3.28	0.019	0.07	0.4	0.05	1.8	0.1	<.05	8	<.5	<1	1	17.3
STANDARD DS7	20.5	111.5	65.6	420	0.9	56.1	9.5	644	2.38	48	4.7	60.6	4.5	75	6.7	6.4	4.7	91	1	0.08	14	220	1.08	376	0.133	42	1.02	0.099	0.46	4.1	0.21	2.9	4.3	0.23	5	3.1	<1	5	5.9
G-1	0.6	2.5	2.5	44	<.1	7.2	4.2	507	1.81	<.5	2.2	0.6	4.2	53	<.1	<.1	0.1	34	0.45	0.067	7	74	0.61	214	0.116	1	0.95	0.082	0.5	0.1	<.01	2.9	0.4	<.05	5	<.5	<1	<1	1.3
MF-F 19+50E	1.3	30.4	14.6	119	<.1	104.6	24.4	533	4.39	4.6	0.6	5.2	5.8	25	0.2	0.4	0.5	22	0.13	0.158	13	23	0.59	122	0.047	2	2.56	0.008	0.06	0.6	0.04	1.6	0.1	<.05	7	<.5	<1	<1	3.1
MF-B 28+00W	0.7	11.8	9.6	89	0.3	51.7	20.1	756	2.08	3.3	0.8	1.4	3.2	19	0.3	0.3	0.4	21	0.14	0.255	8	13	0.25	115	0.118	2	5.17	0.013	0.04	1.2	0.05	1.7	0.1	<.05	9	<.5	<1	<1	25.3
MF-B 27+50W	0.6	8.1	11	60	0.1	21.4	18.2	376	1.84	5.1	0.5	0.8	2.6	27	0.3	0.4	0.4	19	0.16	0.369	6	11	0.17	121	0.1	1	3.66	0.013	0.03	1.2	0.04	1.3	0.1	<.05	9	0.5	<1	<1	20.7
MF-B 27+00W	0.8	11.6	11.2	61	1.2	30.6	15	560	2.1	3.3	0.7	1.7	2.4	21	0.2	0.4	0.4	21	0.11	0.133	8	13	0.27	89	0.1	1	4.14	0.014	0.03	0.8	0.05	1.4	0.1	<.05	9	0.5	<1	<1	16.8
MF-B 26+50W	0.7	11.3	10.2	58	0.2	24.4	16.6	624	2.01	4.5	0.7	<.5	3.1	14	0.2	0.4	0.3	18	0.1	0.163	8	14	0.26	92	0.087	1	3.94	0.011	0.03	1.2	0.04	1.5	0.1	<.05	8	<.5	<1	<1	18.9
MF-B 26+00W	0.8	12	12.8	79	0.5	25	21.1	1531	1.97	5.1	0.5	0.8	3.1	29	0.3	0.5	0.4	18	0.17	0.237	11	14	0.27	146	0.072	1	2.28	0.012	0.04	1.4	0.06	1.5	0.1	<.05	7	<.5	<1	<1	7.2
MF-B 25+50W	0.6	10.6	11.2	66	0.1	30.4	11.5	791	2.46	5.1	0.6	<.5	4.5	29	0.3	0.6	0.3	19	0.2	0.128	14	20	0.47	108	0.053	1	2.55	0.009	0.05	2.6	0.05	1.5	0.1	<.05	7	<.5	<1	<1	7.8
RE MF-B 25+50W	0.6	11.3	11.6	74	0.1	30.6	11.7	865	2.52	5.3	0.6	0.8	4.5	30	0.3	0.6	0.3	19	0.21	0.137	14	21	0.48	114	0.056	1	2.66	0.009	0.05	2.8	0.04	1.6	0.1	<.05	7	<.5	<1	<1	8.7
MF-B 25+00W	0.5	14.2	13.1	105	0.1	41.7	16.5	814	2.63	6.1	0.7	0.7	4.3	21	0.3	0.4	0.3	22	0.11	0.247	20	24	0.57	117	0.044	1	2.71	0.007	0.06	1	0.04	1.7	0.1	<.05	7	0.6	<1	<1	3.4
MF-B 24+50W	0.4	13.5	14	72	0.1	40.1	10.9	1435	2.34	4.4	0.7	0.9	4.3	31	0.3	0.3	0.3	14	0.14	0.257	23	21	0.5	124	0.039	1	1.97	0.01	0.05	0.6	0.05	1.3	0.1	<.05	6	0.7	<1	<1	2.7
MF-B 24+00W	0.6	22.4	7.7	124	0.2	92.4	31.4	1288	2.35	5	1	1.1	3.3	13	0.2	0.2	0.2	16	0.06	0.236	20	18	0.45	81	0.057	1	2.84	0.012	0.04	0.7	0.05	2	0.1	<.05	7	0.6	<1	<1	5.5
MF-B 23+50W	0.5	20.6	14	88	0.3	40.4	18.3	563	2.04	8.3	0.7	0.7	3.3	14	0.3	0.5	0.3	19	0.14	0.136	15	13	0.22	63	0.058	1	2.27	0.011	0.04	0.6	0.06	1.3	0.1	<.05	8	<.5	<1	<1	6.2
MF-B 23+00W	0.5	10.2	11.8	56	0.1	14.3	11.4	451	2.16	8.2	0.5	1.3	2.8	13	0.2	0.4	0.3	21	0.05	0.333	8	13	0.21	120	0.062	1	2.29	0.01	0.03	0.6	0.05	1.2	0.1	<.05	8	0.5	<1	<1	10.4
MF-B 22+50W	0.5	10.1	20.4	46	<.1	12.6	6.4	558	1.97	7.8	0.4	<.5	0.7	8	0.2	0.6	0.4	20	0.05	0.099	12	14	0.27	56	0.031	1	1.26	0.011	0.03	0.4	0.06	0.7	0.1	<.05	7	<.5	<1	<1	0.7
MF-B 22+00W	0.6	11.3	13.8	71	<.1	18.6	6.5	343	3.38	9	0.6	0.6	4.3	14	0.1	0.4	0.4	23	0.1	0.177	26	25	0.57	74	0.025	1	1.72	0.015	0.04	1	0.05	1.2	0.1	<.05	8	<.5	<1	<1	0.7
MF-B 21+50W	0.6	28.2	6.6	69	<.1	34.8	8.3	368	4.06	10	0.9	<.5	8.3	4	<.1	0.1	0.3	17	0.02	0.071	25	31	0.9	40	0.014	1	2.08	0.006	0.02	1.3	0.03	1.7	<.1	<.05	6	0.6	<1	<1	2.6
MF-B 21+00W	0.6	13.6	10	37	0.2	10.3	8.9	984	1.84	4.2	0.7	0.7	2.4	7	0.2	0.3	0.3	19	0.05	0.192	10	10	0.16	67	0.065	1	2.46	0.017	0.03	0.3	0.04	1.6	0.1	<.05	8	0.5	<1	<1	8
MF-B 20+50W	0.6	9	15.5	30	0.3	8.3	3.8	152	2.2	6.3	0.4	1.7	2.9	5	0.2	0.6	0.4	23	0.02	0.084	8	11	0.1	52	0.063	1	2.18	0.008	0.02	0.4	0.07	1.1	<.1	<.05	10	0.6	<1	<1	13.6
MF-B 20+00W	0.6	23.6	9.8	81	0.3	26.1	7.6	432	2.59	6.9	1	1.2	4.6	11	0.2	0.4	0.3	18	0.09	0.071	19	19	0.48	99	0.04	1	2.76	0.01	0.03	1	0.06	2	0.1	<.05	7	0.6	<1	<1	9.7
MF-B 19+50W	0.8	12.9	11	70	0.6	20.5	5.8	153	2.72	6.8	0.7	<.5	3.9	6	0.1	0.5	0.3	23	0.04	0.118	7	15	0.28	64	0.086	1	4.09	0.012	0.03	0.7	0.07	1.3	0.1	<.05	9	0.6	<1	<1	18.1
MF-B 19+00W	0.9	8.8	12.8	44	0.4	8.1	3.7	491	3.28	5.2	0.5	<.5	2.6	4	0.1	0.2	0.4	26	0.02	0.123	11	19	0.25	47	0.047	1	2.13	0.009	0.02	0.4	0.05	1.1	0.1	<.05	11	0.5	<1	<1	2.5
MF-B 18+50W	0.5	15.5	8.5	43	0.2	11.4	6.9	194	1.67	4.7	1.4	1.1	4.1	6	0.2	0.2	0.2	14	0.05	0.122	8	9	0.11	43	0.121	1	5.3	0.018	0.03	0.3	0.11	2.6	0.1	<.05	9	0.8	<1	<1	53.5
MF-B 18+00W	0.7	11.6	22.2	55	0.5	15.7	6.1	173	2.39	9.9	0.6	0.5	3.2	8	0.1	0.2	0.5	17	0.03	0.08	10	12	0.21	73	0.039	1	1.97	0.009	0.02	0.4	0.07	1.2	0.1	<.05	6	<.5	<1	<1	4.1
MF-B 17+00W	1	11.8	94	136	0.2	19.9	11.5	1716	6.4	31.2	0.7	<.5	4.7	25	0.5	0.7	0.9	15	0.39	0.181	10	9	0.17	104	0.024	1	1.08	0.008	0.03	0.3	0.05	1.7	0.1	<.05	4	<.5	<1	<1	0.9
MF-B 16+50W	1.1	87.9	44	49	1	40.4	36.8	1117	2.28	11.3	1.6	0.9	0.4	7	2.2	1.3	0.4	16	0.12	0.1	57	12	0.16	29	0.035	1	1.49	0.012	0.03	0.3	0.15	0.6	0.1	0.09	7	1.3	<1	<1	1.1
MF-B 16+00W	1.2	34.3	15.4	77	0.6	21.6	13.2	548	3.32	26.5	1.1	4	2.6	7	0.5	0.7	0.4	16	0.09	0.073	16	22	0.48	40	0.031	<1	1.95	0.013	0.03	0.3	0.09	1.1	0.1	<.05	7	0.5	<1	<1	1.2
MF-B 15+50W	1	13.5	16.8	79	0.2	26.4	8.7	133	3.45	7.2	0.6	0.5	4.9	8	0.3	0.6	0.3	23	0.1	0.07	13	20	0.29	58	0.045	1	2.11	0.007	0.04	0.3	0.06	1.3	0.1	<.05	8	0.6	<1	<1	5.8
MF-B 15+00W	1.3	31.3	13.6	105	<.1	59.9	25.7	205	3.23	8.6	1.2	<.5	7.6	5	0.2	0.4	0.5	20	0.03	0.043	24	17	0.32	62	0.023	1	1.89	0.007	0.04	0.3	0.03	1.5	0.1	<.05	6	0.5	<1	<1	5.4
MF-B 14+50W	1	14.8	18.3	91	0.3	21.1	9.5	140	2.85	5.3	0.7	<.5	4.9	8	0.2	0.6	0.4	26	0.05	0.064	10	15	0.24	67	0.097	1	3.32	0.014	0.03	0.2	0.06	1.3	0.1	<.05	10	0.7	<1	<1	23.4
MF-B 14+00W	0.9	19.4	10.9	44	0.7	12.6	6	293	2.13	9.2	1.1	2.7	4.5	5	0.2	0.4	0.3	25	0.04	0.059	8	12	0.17	44	0.11	1	3.12	0.018	0.03	0.5	0.08	2.2	0.1	<.05	11	<.5	<1	<1	38.9
MF-B 13+50W	1.1	22.6	8.8	47	<.1	14.9	3.9	145	2.82	20.8	0.5	3.8	5.1	5	0.2	0.3	0.3	11	0.02	0.045	16	19	0.58	21	0.008	1	1.1	0.007	0.02	0.3	0.02	0.9	0.1	<.05	5	0.6	<1	<1	0.4
MF-B 13+00W	1.1	15.7	11.7	40	0.2	10.3	2.7	103	2.87	14.5	0.4	6.2	3.7	5	0.1	0.6	0.4	21	0.01	0.035	13	17	0.4	45	0.015	<1	1.22	0.008	0.02	0.2	0.03	0.8	0.1	<.05	7	<.5	<1	<1	1.2
MF-B 12+50W	0.9	12.1	17.7	37	0.2	9.3	2.7	93	2.17	8.5	0.4	38	1.9	5	0.1	0.5	0.3	17	0.02	0.046	15	15	0.34	45	0.014	1	1	0.007	0.02	0.2	0.08	0.7	0.1	<.05	6	<.5	<1	<1	0.2
MF-B 12+00W	0.6	23.1	8	76	0.4	23.8	8.8	760	2.09	6	1.4	<.5	2.9	8	0.2	0.2	0.2	17	0.06	0.079	11	11	0.24	52	0.095	1	3.88	0.02	0.03	0.2	0.09	2	0.1	<.05	8	0.9	<1	<1	16.3
MF-B 11+50W	0.9	21.5	9.1	61	0.3	25.4	7.3	189	3.23	12.2	0.8	<.5	4.9	5	0.1	0.3	0.4	20	0.02	0.07	17	30	0.59	50	0.043	1	1.89	0.007	0.02	0.4	0.04	1.4	0.1	<.05	7	<.5	<1	<1	2.1
MF-B 11+00W	0.7	16.5	11.4	36	<.1	16.6	4.3	107	2.35	6.9	0.6	0.7	3.7	5	0.1	0.3	0.5	17	0.01	0.038	22	15	0.35	42	0.021	1	0.85	0.005	0.02	0.6	0.04	0.8	0.1	<.05	5	<.5	<1	<1	0.2
MF-B 10+50W	1	26.5	14	95	0.4	29.6	9.8	470	4.2	22.6	1	<.5	7.5	9	0.5	0.9	0.4	19	0.07	0.142	19	29	0.68	64	0.038	1	2.6	0.01	0.03	0.2	0.11	1.6	0.1	<.05	8	<.5	<1	<1	4.9
STANDARD DS7	20.6	108	65	422	0.9	58.1	9.3	623	2.44	48.4	4.4	69.1	4.5	81	6.3	5.9	4.7	84	0.94	0.077	14	203	1.08	389	0.124	43	1	0.096	0.44	4.1	0.21	2.7	4.3	0.18	5	4	2	5	5.8
G-1	1	2.4	2.7	47	<.1	7.8	4.3	516	1.83	<.5	2.1	0.9	4.1	58	<.1	<.1	0.1	37	0.45	0.075	7	103	0.62	214	0.123	<1	0.91	0.07	0.51	0.1	<.01	1.9	0.4	<.05	5	<.5	<1	<1	1.3
MF-B 09+50W	1.1	28.2	16	52	0.1	23.2	5.8	187	3.72	20	0.9	3.1	6.9	5	0.3	1	0.4	14	0.01	0.065	13	31	0.73	28	0.009	<1	1.42	0.003	0.02	0.1	0.07	1.1	<.1	0.06	4	0.5	<1	<1	0.7
MF-B 09+00W	2.6	40	23.2	56	0.2	28.6	6.4	145	4.85	43.3	1	1.3	7.7	6	0.2	1.2	0.6	26	0.02	0.065	16	26	0.5	23	0.025	1	1.18	0.005	0.02	0.2	0.03	1.1	0.1	<.05	7	0.6	<1	1	0.8
MF-B 08+50W	3	40.5	12.2	61	0.1	31.5	6.4	132	5.07	47.5	0.9	1.8	9.6	6	0.2	0.8	0.6	24	0.03	0.066	15	22	0.38	38	0.022	<1	1.29	0.005	0.02	0.3	0.04	1.1	0.1	<.05	7	<.5	<1	<1	2.4
MF-B 08+00W	2.5	29.6	8.2	52	0.2	15.8	3.4	111	4.54	19.6	0.6	0.8	6.8	3	0.1	0.5	0.5	28	0.01	0.049	21	24	0.42	27	0.026	1	1.16	0.007	0.02	0.2	0.01	1	<.1	<.05	9	<.5	<1	<1	0.6
MF-B 07+50W	2.2	32.8	35.8	67	0.4	26.8	5.6	255	4.23	33.1	0.9	0.5	6.4	23	0.4	1.1	0.6	36	0.07	0.093	15	28	0.42	117	0.058	<1	1.29	0.006	0.03	0.3	0.04	1.2	0.1	<.05	8	<.5	<1	1	2.8
MF-B 06+50W	2.3	31.5	14.6	63	0.2	31.4	6	155	4.06	33.2	0.9	0.6	7.5	7	0.1	0.5	0.5	34	0.02	0.132	23	30	0.52	58	0.044	<1	1.29	0.004	0.03	0.3	0.02	1.4	0.1	<.05	7	<.5	<1	1	1.7
MF-B 06+00W	0.9	11.3	11.8	48	0.1	17.3	6.1	109	2.34	10.5	0.4	<.5	3	8	0.1	0.4	0.4	36	0.1	0.034	13	19	0.27	69	0.069	<1	1.09	0.011	0.03	0.2	0.02	0.8	0.1	<.05	8	<.5	<1	1	2.5
MF-B 05+50W	1.8	22.2	17.6	60	0.2	21.7	5.7	156	3.43	36.5	0.8	0.5	5.5	7	0.2	0.6	0.5	28	0.04	0.083	17	16	0.26	78	0.023	<1	1.3	0.009	0.03	0.3	0.02	1.1	0.1	<.05	8	<.5	<1	1	1.8
MF-B 05+00W	2.2	39.7	40.5	75	0.7	28.1	6.1	211	4.59	32.5	1.7	1.9	10	5	0.5	1.1	0.6	24	0.02	0.126	18	21	0.33	55	0.038	<1	2.31	0.008	0.03	0.4	0.06	1.8	0.1	<.05	8	<.5	<1	1	7.3
MF-B 04+50W	1.4	78.6	22	64	0.2	55.6	26.3	1089	5.25	84.4	3.5	1.2	2.6	6	0.2	0.4	1.1	28	0.08	0.079	23	31	0.62	37	0.039	1	2.29	0.008	0.03	0.5	0.06	1.4	0.1	<.05	9	0.9	<1	1	1.5
MF-B 04+00W	0.9	41	35.9	93	0.3	36.6	30	1488	3.46	33.6	1.4	1.2	3.6	16	0.5	0.7	0.7	28	0.23	0.095	21	26	0.47	131	0.029	1	1.75	0.012	0.05	0.3	0.04	1.4	0.1	<.05	8	<.5	<1	1	0.5
MF-B 03+50W	1.2	14.7	20.6	74	0.2	25	12	408	4.26	26.1	0.8	0.8	5.5	9	0.2	1.1	0.5	37	0.13	0.089	16	24	0.4	74	0.058	1	2.47	0.009	0.03	0.3	0.04	1.5	0.1	<.05	11	0.5	<1	1	4.3
MF-B 02+50W	0.9	21.4	20.5	67	0.3	25.7	16.9	808	2.88	28.9	1.5	1	3.4	7	0.4	0.5	0.4	24	0.08	0.087	12	17	0.31	83	0.056	<1	2.78	0.011	0.03	0.3	0.1	1.6	0.1	<.05	8	<.5	<1	1	4.8

MF-B 02+00W	0.7	18.2	26	124	0.1	26.1	11.3	3775	2.63	11.5	0.8	<.5	1.4	22	0.5	0.5	0.4	24	0.34	0.226	14	21	0.46	242	0.026	1	1.71	0.012	0.04	0.2	0.05	1.1	0.1	<.05	8	<.5	<1	1	0.3
MF-B 01+00W	1.4	17.9	12.7	52	0.5	16.2	4.6	126	4.06	33.4	0.8	2.7	5.3	5	0.3	1.2	0.5	32	0.03	0.202	8	26	0.33	68	0.065	1	3.14	0.009	0.02	0.4	0.21	1.6	0.1	<.05	11	0.5	<1	1	16.3
MF-B 00+50W	0.9	18.5	16.4	51	0.4	15.2	4.5	217	2.93	23.5	0.8	2	5.3	6	0.3	0.6	0.5	30	0.04	0.146	18	20	0.34	72	0.03	1	2	0.013	0.04	0.4	0.09	1.3	0.1	<.05	9	<.5	<1	1	6
RE MF-B 00+50W	0.9	18.4	17.5	54	0.4	13.8	4.5	219	2.87	23.6	0.9	1.8	5.7	6	0.3	0.6	0.5	29	0.04	0.153	16	20	0.35	70	0.029	1	2.07	0.014	0.04	0.4	0.09	1.3	0.1	<.05	9	<.5	<1	1	6.7
MF-B 00+00W	0.9	23.2	14.2	68	0.3	21.5	12.9	263	2.75	13.7	1.1	0.7	5.5	5	0.2	0.6	0.5	24	0.03	0.129	8	19	0.39	73	0.067	1	3.16	0.008	0.02	0.3	0.11	1.9	0.1	<.05	9	0.6	<1	1	22.1
MF-C 00+00	1.2	36.8	20.8	56	0.2	28.5	7.5	358	4.57	40.9	1.6	0.8	6.4	4	0.1	0.5	0.7	34	0.01	0.136	18	25	0.63	50	0.046	<1	1.67	0.006	0.03	0.3	0.03	1.5	0.1	<.05	10	<.5	<1	1	2.3
MF-C 00+50S	1.7	114.2	36.4	85	0.3	56.2	22.8	727	5.46	67.3	3.8	0.9	9.3	5	0.2	1.2	1	22	0.03	0.115	22	38	1.02	33	0.009	<1	2.17	0.006	0.03	0.6	0.06	2.2	0.1	<.05	8	0.5	<1	<1	0.9
MF-C 01+00S	1	21.2	11.3	39	0.5	14.3	3.8	174	2.85	12.2	1.5	2.1	5.7	4	0.3	0.6	0.3	32	0.03	0.084	9	18	0.31	46	0.103	1	4.33	0.012	0.02	0.4	0.13	2.6	0.1	<.05	10	0.7	<1	1	41.6
MF-C 01+50S	0.8	13.5	12.2	43	0.2	16	3.7	174	3.88	16.2	0.6	2	6.6	3	0.1	0.7	0.5	39	0.01	0.04	23	23	0.43	25	0.042	<1	1.37	0.005	0.02	0.5	0.05	1.2	0.1	<.05	11	0.5	<1	1	2.7
MF-C 02+00S	1.2	42.6	15.6	52	<.1	33.1	7.1	233	4.56	35	2	0.7	9.7	4	0.1	0.5	0.5	26	0.01	0.087	20	28	0.54	21	0.021	<1	1.61	0.007	0.02	0.4	0.04	1.4	<.1	<.05	8	0.5	<1	<1	3.1
MF-C 02+50S	0.9	24.5	11.8	53	0.2	20.1	7.2	213	3.91	16.4	1.4	0.6	7.9	4	0.1	0.4	0.4	30	0.02	0.082	10	30	0.45	42	0.07	1	3.85	0.008	0.02	0.3	0.08	2.1	0.1	<.05	11	0.6	<1	1	26.2
MF-C 03+00S	1.2	32	16.6	55	0.2	26.7	7.3	260	4.67	43.8	1.1	0.9	8.1	4	0.4	1	0.6	28	0.03	0.074	16	32	0.59	32	0.032	1	2.36	0.006	0.03	0.3	0.07	1.5	0.1	<.05	10	<.5	<1	<1	5.4
MF-C 03+50S	1.2	24.4	11.2	55	0.1	26.8	5.9	292	6.31	37.3	0.9	<.5	7.2	2	0.2	1	0.6	29	0.01	0.069	17	37	0.77	18	0.034	<1	1.89	0.005	0.02	0.3	0.03	1.4	<.1	<.05	11	<.5	<1	<1	1.4
MF-C 04+00S	1	59	20.4	75	0.2	49.1	15.8	493	4.91	30.5	1.7	1.6	8.4	28	0.3	0.5	0.4	53	0.13	0.091	39	70	1.29	67	0.104	1	2.46	0.007	0.03	0.6	0.03	2.9	0.1	<.05	10	<.5	<1	<1	7.8
MF-C 04+50S	1.1	28.3	12.3	51	0.2	21.3	5.5	298	4.14	16.7	1.1	0.8	6.7	4	0.2	0.6	0.4	25	0.01	0.06	17	30	0.79	23	0.023	<1	1.66	0.005	0.02	0.7	0.05	1.4	0.1	<.05	8	<.5	<1	<1	0.9
MF-C 05+00S	1.7	55.3	18.3	78	0.2	46	11.3	368	6.37	20.9	1.7	4.5	12	5	0.3	0.6	0.7	32	0.02	0.085	18	42	0.91	35	0.05	<1	2.28	0.005	0.03	0.3	0.05	1.8	0.1	<.05	10	0.6	<1	1	3.3
MF-C 05+50S	1.4	36.9	18.4	70	0.3	30	7.8	274	4.36	9.5	1.2	1	7.5	5	0.2	0.7	0.6	31	0.02	0.097	20	29	0.74	46	0.045	<1	1.45	0.005	0.03	0.2	0.05	1.4	0.1	<.05	7	<.5	<1	<1	0.9
MF-C 06+00S	1.3	17	10.3	41	0.2	14.7	3.9	120	5.01	7	0.7	<.5	5.3	3	0.2	0.4	0.7	35	0.01	0.045	13	23	0.33	34	0.081	<1	1.38	0.009	0.02	0.3	0.04	1.1	0.1	<.05	15	<.5	<1	1	4.1
MF-C 06+50S	1.2	24	10.7	65	0.4	17.8	5.6	426	4.43	7.6	0.8	<.5	4	5	0.6	0.6	0.6	25	0.04	0.08	15	26	0.59	50	0.026	<1	1.44	0.008	0.03	0.2	0.06	1	0.1	<.05	9	<.5	<1	1	0.3
MF-C 07+00S	1.7	38.8	12.3	39	0.2	10.3	2.9	114	4.14	4.6	0.9	1.2	6.3	4	0.2	0.6	0.6	24	0.01	0.072	12	21	0.34	27	0.033	<1	1.58	0.006	0.02	0.2	0.05	1.1	<.1	<.05	9	0.5	<1	1	3.1
MF-C 07+50S	1.6	9.6	14.8	22	0.2	5.8	1.4	48	3.61	10.7	0.6	<.5	4.1	3	0.1	0.7	0.5	40	0.01	0.042	8	16	0.18	27	0.1	1	1.73	0.011	0.02	0.3	0.08	1.1	0.1	<.05	14	0.5	<1	1	15.2
MF-C 08+00S	1.9	32.7	14.2	32	0.2	9.2	2.3	91	5.18	9	0.9	1.6	6.7	3	0.2	0.6	0.5	31	0.02	0.068	14	21	0.3	22	0.054	1	1.46	0.007	0.02	0.3	0.06	1.1	0.1	<.05	12	0.5	<1	1	3.3
MF-C 08+50S	1.2	21.7	9.7	38	0.5	8.8	2.4	147	3.49	7	1	0.7	3.7	4	0.2	0.6	0.3	24	0.03	0.08	14	20	0.29	26	0.051	1	2.21	0.007	0.02	0.2	0.12	1.3	0.1	<.05	10	<.5	<1	<1	6.7
MF-C 09+00S	0.7	8.5	7.7	23	<.1	4.4	1.4	69	1.6	4	0.3	<.5	3.6	5	0.1	0.2	0.4	20	0.02	0.035	19	11	0.24	27	0.044	1	0.67	0.008	0.02	0.1	0.02	0.6	0.1	<.05	7	<.5	<1	1	1
STANDARD DS7	20.9	106.9	67.6	420	0.9	55.3	8.9	620	2.34	49.7	4.6	74.4	4.5	80	6.9	6.4	4.7	85	0.95	0.081	13	207	1.06	388	0.119	41	0.99	0.095	0.43	4.4	0.21	2.6	4.2	0.2	5	3.8	2	5	4.8
G-1	0.9	2.6	2.7	41	<.1	7.7	4	499	1.71	<.5	2.2	1.4	4	54	0.1	0.1	0.1	34	0.45	0.076	7	99	0.57	214	0.117	2	0.92	0.079	0.49	0.1	<.01	2.4	0.4	0.06	5	<.5	<1	1	1.3
MF-C 09+50S	1.8	26.1	8.7	69	0.2	11.7	4	122	3.96	10.4	0.6	2.1	7.4	4	0.1	0.4	0.4	20	0.01	0.078	18	26	0.68	32	0.025	2	1.84	0.005	0.02	0.1	0.06	1.5	0.1	0.07	7	<.5	<1	<1	5.3
MF-C 10+00S	2	21.7	10.8	58	<.1	13.5	4	130	3.69	28.6	0.7	4.2	7.7	6	0.1	0.5	0.4	23	0.01	0.093	23	29	0.61	33	0.032	2	1.49	0.006	0.02	0.2	0.02	1.3	0.1	0.07	7	0.5	<1	<1	1.8
MF-C 10+50S	1.3	14.7	10.4	43	0.3	7.6	2.6	69	3.02	9.2	0.9	2.7	6.5	5	0.2	0.3	0.3	28	0.02	0.062	9	21	0.31	48	0.067	2	3.05	0.013	0.03	0.2	0.12	1.9	0.1	0.08	9	0.6	<1	1	20.8
MF-C 11+00S	1.4	8.7	10	22	<.1	5.7	1.6	57	2.32	10.4	0.4	1.5	3.6	3	0.1	0.5	0.4	24	0.01	0.031	12	12	0.2	21	0.028	2	0.94	0.008	0.02	0.2	0.04	0.8	0.1	0.06	8	0.6	<1	1	1.7
MF-C 11+50S	0.9	12.3	11.2	33	<.1	11.8	3	73	2.61	10.5	0.5	1.6	3.8	7	0.3	0.6	0.4	28	0.02	0.046	14	23	0.29	31	0.041	2	1.06	0.009	0.03	0.2	0.03	0.9	0.1	0.05	7	0.5	<1	1	1.5
MF-C 12+00S	0.9	17.6	13.6	125	0.1	31.1	14.3	199	3.54	8.8	0.8	2.3	6.2	12	0.2	0.3	0.4	38	0.04	0.227	13	56	0.72	96	0.097	2	2.72	0.008	0.05	0.3	0.03	2.3	0.1	0.07	9	0.5	<1	1	12.3
MF-C 12+50S	1.2	11.4	13.3	50	0.2	25.4	12.3	159	3.13	8	0.8	1.3	5.5	11	0.2	0.4	0.3	41	0.07	0.19	5	40	0.32	88	0.161	1	4.73	0.015	0.04	0.2	0.06	2.2	0.1	0.09	11	0.5	<1	1	33.5
MF-C 13+00S	1.4	12.2	14.7	28	0.3	6.1	1.9	39	3.93	13.6	1	2.3	6.8	4	0.1	0.9	0.3	34	0.02	0.104	6	27	0.1	35	0.103	1	4.74	0.011	0.02	0.3	0.15	2.1	0.1	0.1	13	0.7	<1	1	42.5
MF-C 13+50S	2.5	28.5	15.8	56	0.1	17.5	4.9	119	4.69	29.8	1.1	2.9	9	6	0.1	0.5	0.5	26	0.01	0.065	19	28	0.56	40	0.025	1	1.98	0.005	0.02	0.4	0.06	1.7	0.1	0.06	7	<.5	<1	<1	8.3
MF-C 14+00S	1.4	20.8	23.7	37	0.3	14.5	3.4	116	4.11	19.5	1.1	2.4	6.9	11	0.2	0.6	0.5	39	0.02	0.087	15	40	0.25	40	0.064	2	1.98	0.009	0.02	1	0.07	1.7	0.1	0.06	9	0.5	<1	1	9.3
MF-C 14+50S	2.1	22.1	20	42	0.2	13.7	3.1	77	4.06	18.8	0.9	0.9	7.3	6	0.1	0.5	0.5	25	0.01	0.072	22	22	0.43	26	0.023	1	1.36	0.005	0.02	1.7	0.05	1.1	0.1	0.06	7	0.5	<1	<1	2.4
MF-C 15+00S	1.6	26.5	14.8	47	0.5	10.2	2.2	60	2.92	13.1	1.6	1.6	7.7	4	0.1	0.4	0.3	23	0.01	0.087	11	17	0.26	36	0.055	1	3	0.009	0.02	0.3	0.18	1.9	0.1	0.07	8	0.8	<1	1	18.2
MF-C 15+50S	1.1	10	9.8	30	0.2	5.8	1.9	65	2.39	7.5	0.4	<.5	3.2	4	0.1	0.3	0.4	25	0.01	0.059	14	12	0.26	25	0.044	1	0.91	0.009	0.02	0.3	0.02	0.8	0.1	0.05	8	0.6	<1	1	1.8
MF-C 16+00S	1.1	13.2	15.4	73	0.3	11.4	11.4	549	2.99	8.3	0.8	2.2	4.7	5	0.3	0.5	0.4	25	0.03	0.186	6	15	0.17	48	0.081	2	3.18	0.011	0.03	0.4	0.07	1.5	0.1	0.06	9	<.5	<1	1	17.4
MF-C 16+50S	0.9	16.2	17.1	72	1.1	12.7	7.1	492	1.87	4	0.8	1.7	3.8	5	0.2	0.3	0.4	22	0.03	0.118	7	10	0.14	59	0.074	1	2.14	0.011	0.04	0.2	0.06	1.7	0.1	<.05	7	<.5	<1	1	16.3
MF-C 17+00S	1.2	20.6	10.9	78	0.4	19.7	8.2	116	2.59	7.8	0.7	1.6	4.9	6	0.1	0.3	0.3	22	0.02	0.064	11	14	0.29	85	0.043	1	1.95	0.009	0.03	0.2	0.07	1.3	0.1	<.05	7	<.5	<1	1	10.7
MF-C 17+50S	1.6	31.1	11.3	66	0.2	19.1	6.4	193	3.01	20.3	1.2	1.3	7.6	7	0.1	0.4	0.4	20	0.02	0.067	16	19	0.45	65	0.032	1	1.92	0.009	0.04	0.4	0.04	1.5	0.1	<.05	6	0.5	<1	<1	4.9
MF-C 18+00S	1.7	32	11.5	69	<.1	27.1	8	149	3.55	15.1	1.1	0.7	7.6	7	0.1	0.4	0.4	17	0.03	0.049	18	20	0.52	67	0.023	1	1.87	0.006	0.04	0.3	0.03	1.5	0.1	<.05	5	<.5	<1	<1	4.5
MF-C 18+50S	1.5	32	11.4	87	0.1	39.2	12.4	159	3.1	14.6	1.1	1.8	7.8	8	0.2	0.3	0.3	22	0.03	0.053	16	20	0.47	107	0.048	1	2.25	0.008	0.04	0.3	0.03	1.8	0.1	<.05	6	<.5	<1	<1	11.2
MF-C 19+00S	1.8	38.5	11.9	60	0.1	34.4	15.8	163	3.38	26.7	1.4	6.5	8.5	8	0.1	0.3	0.3	21	0.04	0.057	13	21	0.42	85	0.044	1	2.54	0.011	0.05	0.4	0.05	1.8	0.1	<.05	7	0.5	<1	<1	14
MF-C 19+50S	1.7	29.1	12.5	57	0.2	25.1	8	176	3.68	21.4	0.9	1.4	7.1	10	0.1	0.3	0.4	21	0.03	0.062	15	21	0.43	89	0.03	1	1.79	0.01	0.04	0.3	0.03	1.3	0.1	<.05	6	<.5	<1	<1	4
MF-C 20+00S	2.3	40.2	16	64	0.2	31.2	12.6	185	3.91	22	1.1	2.3	8.9	8	0.1	0.3	0.4	24	0.02	0.059	16	27	0.52	75	0.034	1	2.08	0.008	0.04	0.5	0.04	1.6	0.1	0.05	7	<.5	<1	1	8.1
MF-C 20+50S	2	20.4	14.3	60	0.2	16.3	7.3	191	3.37	16.8	0.8	1	6	7	0.1	0.4	0.5	27	0.03	0.052	13	19	0.31	60	0.029	1	1.97	0.011	0.04	0.5	0.04	1.4	0.1	<.05	8	<.5	<1	1	4.6
MF-C 21+00S	2	30.3	14.5	62	0.2	19	5.4	131	3.29	21.1	1.4	4.3	9	7	0.2	0.6	0.4	23	0.03	0.07	14	20	0.38	67	0.042	1	2.66	0.008	0.03	0.3	0.08	2	0.1	<.05	7	<.5	<1	1	13.4
MF-C 21+50S	1.9	28.5	13.7	74	0.1	32.9	12.2	227	3.5	18.2	0.9	0.9	7.3	7	0.1	0.5	0.4	24	0.02	0.053	16	22	0.47	93	0.036	1	2.11	0.009	0.04	0.4	0.03	1.4	0.1	<.05	6	<.5	<1	1	6.3
MF-C 22+00S	2.1	40.8	14.3	65	0.3	24	9.3	204	3.57	27.1	1	1.2	8	7	0.1	0.3	0.5	24	0.02	0.045	17	21	0.44	94	0.025	1	1.99	0.009	0.04	0.5	0.05	1.5	0.1	<.05	6	<.5	<1	1	4.8
MF-C 22+50S	1.9	28.9	13.4	58	0.2	24.9	16.4	400	3.37	31.2	0.9	1.2	7	7	0.1	0.4	0.4	24	0.02	0.053	13	22	0.38	93	0.038	2	1.94	0.01	0.04	0.3	0.04	1.4	0.1	<.05	7	<.5	<1	<1	6.4
MF-C 23+00S	1.4	25.5	12.9	57	0.5	24.4	9.1	143	3.07	19.7	1.2	1.8	6.7	9	0.2	0.6	0.4	25	0.03	0.071	13	29	0.37	59	0.053	1	1.96	0.007	0.03	0.8	0.07	1.6	0.1	<.05	7	<.5	<1	1	9.3
MF-C 23+50S	1.8	16.4	16	48	0.3	9	3.2	91	3.71	18.3	0.6	1.2	6.6	5	0.1	0.4	0.6	25	0.02	0.064	15	19	0.33	29	0.026	<1	1.75	0.007	0.03	0.5	0.05	1.3	0.1	<.05	8	0.5	<1	1	5.4
RE MF-C 23+50S	1.6	17	15.7	51	0.3	10.4	3.5	97	3.87	17.9	0.6	1.5	6.8	5	0.2	0.4	0.6	27	0.02	0.063	17	20	0.34	30	0.031	1	1.76	0.007	0.03	0.4	0.05	1.3	0.1	<.05	8	<.5	<1	1	5.5
MF-C 24+00S	1.3	15.6	24	58	0.4	9.6	3.3	94	3.24	13.5	0.6	0.9	6.6	6	0.1	0.3	1.1	26	0.03	0.052	16	18	0.35	45	0.03	1	1.7	0.006	0.03	0.7	0.04	1.2	0.1	<.05	8	<.5	<1	1	6.3
MF-C 24+50S	1.3	23.5	13.9	67	0.1	17.8	5.7	111	3.38	20.8	1	2.4	8.2	5	0.2	0.3	0.5	22	0.02	0.066	17	22	0.44	49	0.035	1	2.44	0.006	0.03	0.3	0.06	1.9	0.1	<.05	6	<.5	<1	<1	8.9
MF-C 25+00S	1.3	18.6	12	80	0.1	16.1	6.5	116	3.54	12.9	0.9	2.4	8.6	7	0.1	0.3	0.4	23	0.04	0.078	13	26	0.37	55	0.034	2	3.2	0.008	0.03	0.5	0.03	1.8	0.1	<.05	6	<.5	<1	<1	14.2
MF-C 25+50S	1.1	27.4	12.4	60	0.5	18	9.2	141	2.62	14.5	1.5	1.7	8.5	6	0.1	0.3	0.3	24	0.04	0.097	6	17	0.2	59	0.088	2	4.15	0.013	0.03	0.3	0.06	2.2	0.1	0.05	8	0.5	<1	1	38.7
MF-C 26+00S	1.3	23.9	11.1	69	0.3	17.2	7.3	118	2.82	17	1.1	2	6.8	8	0.1	0.5	0.4	25	0.05	0.072	9	18	0.35	70	0.07	1	3.01	0.01	0.03	0.3	0.05	1.9	0.1	<.05	8	0.5	<1	1	24
MF-C 26+50S	1.1	19.5	11.9	88	0.4	27.4	10.5	181	2.44	14.8	1	0.8	4.7	10	0.3	0.5	0.3	25	0.06	0.08	8	13	0.26	112	0.099	1	3.43	0.012	0.03	0.3	0.05	1.9	0.1	<.05	9	0.7	<1	1	36.1
MF-C 27+00S	1.1	23.1	13	71	0.3	24.9	10.3	204	2.67	19	1	1.4	5.1	11	0.3	0.3	0.4	26	0.05	0.066	10	15	0.27	121	0.087	2	2.98	0.011	0.03	0.3	0.05	1.6	0.1	<.05	9	<.5	<1	1	13.4
STANDARD DS7	19.3	97.5	66.8	384	0.9	52.3	8.5	583	2.34	46.8	4.8	63	4.3	74	6.7	6	4.6	83	0.94	0.079	12	192	0.99	377	0.112	40	0.92	0.09	0.43	3.7	0.19	2.6	4.1	0.22	4	3.6	1	5	4.4
G-1	1	2.3	3.4	46	<.1	8.9	4.4	568	1.99	<.5	2.9	<.5	5.3	66	<.1	<.1	0.1	41	0.5	0.082	9	123	0.64	220	0.132	1	1.06	0.074	0.54	0.1	<.01	2.5	0.4	<.05	5	<.5	<1	1	1.6
MF-C 27+50S	1.8	52.3	12.3	70	0.8	25.5	6.8	125	3.77	22.6	1.1	2.3	10	9	0.1	0.3	0.5	29	0.03	0.047	25	28	0.6	84	0.032	1	2.33	0.011	0.05	0.2	0.05	1.7	0.1	<.05	8	<.5	<1	<1	7.3
MF-C 28+00S	2.2	43.8	12	66	0.6	16.6	4.8	148	4.23	11	1	2.8	10	10	<.1	0.3	0.5	30	0.03	0.052	29	35	0.87	86	0.022	1	2.3	0.009	0.04	0.3	0.04	1.5	0.1	<.05	9	<.5	<1	<1	2.9
MF-C 28+50S	2.2	47.7	13.5	79	0.3	39.8	11.7	220	4.11	16.8	1.1	2.7	11.5	14	0.1	0.4	0.7	28	0.05	0.065	30	30	0.79	79	0.021	1	2.13	0.01	0.06	0.3	0.04	1.4	0.1	<.05	8	0.6	<1	<1	2.2
MF-C 29+00S	2.2	108.7	30.7	56	0.6	15.2	4.1	122	6.19	20.3	1.8	8.3	17.6	7	0.1	0.4	0.7	24	0.02	0.092	36	35	0.76	25	0.011	<1	1.89	0.005	0.03	0.3	0.06	1.5	0.1	<.05	7	1	<1	<1	2
MF-C 29+50S	1.4	30	29.1	82	0.3	27.4	8.9	881	3.84	30.8	0.9	0.8	6.7	24	0.3	0.8	1.4	29	0.14	0.068	28	29	0.65	183	0.027	1	2.21	0.011	0.07	1	0.04	1.5	0.1	<.05	8	0.5	<1	1	1
MF-C 30+00S	1.8	45.3	22.6	76	0.4	35.6	7.7	291	4.44	56.8	1.2	11.9	9.7	11	0.2	0.5	0.8	27	0.05	0.088	25	32	0.79	110	0.034	<1	2.35	0.008	0.05	0.3	0.04	1.4	0.1	<.05	7	0.5	<1	<1	4
MF-C 30+50S	0.8	27.8	14.1	111	0.1	80.4	16.2	463	3.34	17	0.9	1.3	7	21	0.3	0.2	0.5	25	0.1	0.068	19	29	0.68	159	0.065	1	2.35	0.013	0.07	0.2	0.03	1.6	0.1	<.05	7	<.5	<1	1	5.7
MF-C 31+00S	0.8	34.2	17.5	97	0.2	67.8	16.6	238	3.5	13.3	1.6	2.4	9.8	16	0.2	0.4	0.5	32	0.11	0.086	18	42	0.77	93	0.107	1	3.55	0.013	0.06	0.3	0.04	2.6	0.1	<.05	9	<.5	<1	1	35.1
MF-C 31+50S	2	38.6	15.5	77	0.1	44	10.5	347	5.07	25.6	1.2	1.2	10	18	0.3	0.6	0.5	32	0.09	0.071	32	61	1.1	108	0.052	2	2.25	0.01	0.07	0.2	0.02	1.8	0.1	<.05	8	<.5	<1	1	1.7
MF-C 32+00S	0.8	32	18.6	83	0.1	60.1	16.8	185	3.46	11.4	0.8	4.4	8.2	13	0.1	0.3	0.4	19	0.07	0.064	24	28	0.81	98	0.029	1	2.69	0.008	0.06	0.1	0.03	1.4	0.1	<.05	7	<.5	<1	1	4.5
MF-C 32+50S	0.8	43.7	33.5	96	0.2	85.9	15.8	254	3.65	12.6	1.2	1.2	9.8	7	0.1	0.4	0.3	18	0.04	0.047	28	32	0.8	43	0.014	<1	2.17	0.006	0.04	0.2	0.04	1.5	0.1	<.05	6	<.5	<1	<1	1.5
MF-C 33+00S	0.7	16.4	21.8	109	0.1	82.5	34.2	803	2.72	9.7	0.6	1.5	6	12	0.4	0.3	0.3	23	0.11	0.051	20	23	0.41	99	0.036	1	2.16	0.014	0.07	0.2	0.03	1.6	0.1	<.05	7	<.5	<1	1	4.2
RE MF-C 33+00S	0.5	17.3	22.2	110	0.1	83	36	820	2.77	9.6	0.6	3.8	6.2	13	0.4	0.3	0.3	23	0.11	0.049	21	23	0.41	106	0.037	1	2.3	0.015	0.08	0.2	0.03	1.7	0.1	<.05	7	<.5	<1	1	4.2
MF-C 33+50S	0.7	25.7	17.4	132	0.4	73.2	18.3	542	3.19	11.8	0.9	11.2	7.5	13	0.3	0.3	0.3	19	0.11	0.094	23	26	0.64	110	0.047	<1	2.37	0.012	0.06	0.2	0.03	1.6	0.1	<.05	7	<.5	<1	1	5.1
MF-C 34+00S	0.5	19.2	12.4	91	0.3	65.7	16.5	892	2.09	9.3	1.1	1.6	5.2	21	0.5	0.3	0.2	21	0.18	0.165	11	15	0.29	117	0.111	2	3.63	0.028	0.07	0.2	0.04	2.2	0.1	<.05	8	<.5	<1	1	26.6
MF-C 34+50S	1.2	38.5	10.6	88	0.2	44.6	14.3	512	3.95	16.8	1.2	1.4	10	8	0.2	0.4	0.3	18	0.06	0.055	29	35	0.93	67	0.026	<1	2.29	0.009	0.04	0.2	0.03	1.7	0.1	<.05	6	<.5	<1	<1	3.1
MF-C 35+00S	1.2	22.1	11.9	80	0.1	27.6	10.3	313	3.67	16.3	0.8	2.7	7.3	12	0.2	0.5	0.4	21	0.08	0.155	17	27	0.64	90	0.047	1	2.11	0.011	0.04	0.2	0.03	1.4	<.1	<.05	7	<.5	<1	1	5.8
MF-C 35+50S	2	47.5	17.4	111	0.1	75.4	20.1	260	6.29	36.8	1	3	12.2	16	0.2	0.7	0.6	52	0.13	0.112	18	104	1.41	106	0.146	1	2.55	0.01	0.05	0.2	0.02	2.2	0.1	<.05	9	<.5	<1	1	9.7
MF-C 36+00S	3	66.6	12.4	83	<.1	34.6	8.3	250	6.78	38.7	1.5	1.7	15.9	4	0.1	0.8	0.6	15	0.02	0.093	22	37	0.99	28	0.014	<1	2.18	0.005	0.02	0.1	0.02	1.7	<.1	<.05	6	0.7	<1	<1	3
MF-C 36+50S	1.3	25.7	12.1	69	0.3	28.4	8.2	405	4.02	15.6	0.8	2.3	6.8	16	0.1	0.5	0.4	31	0.07	0.107	19	35	0.64	140	0.049	1	2.29	0.022	0.07	0.2	0.03	1.8	0.1	<.05	8	<.5	<1	1	4.8
MF-C 37+00S	1.5	22.3	12.8	72	0.2	22.7	7.1	237	4.25	16.9	0.7	0.5	8	10	0.1	0.6	0.5	28	0.05	0.085	17	29	0.58	136	0.04	1	2.41	0.013	0.06	0.2	0.04	1.6	0.1	<.05	8	<.5	<1	1	5
MF-C 37+50S	1.7	41	14.3	75	0.2	33.7	10.2	272	4.84	17.4	1.1	2.5	10.4	6	0.1	0.6	0.5	25	0.03	0.078	19	36	0.88	81	0.034	<1	2.95	0.01	0.04	0.2	0.03	1.9	0.1	<.05	9	0.5	<1	<1	5.8
MF-C 38+00S	1.4	29.5	21.4	78	0.1	30.6	8.9	318	4.37	21.1	0.9	2.3	9.8	11	0.1	0.7	0.5	23	0.07	0.133	23	33	0.79	96	0.025	1	2.29	0.012	0.06	0.2	0.02	1.8	0.1	<.05	8	<.5	<1	1	3.7
MF-C 38+50S	1.9	40.3	24.4	91	0.2	37.2	10.9	287	4.81	24.1	1.1	4.7	10.7	7	0.1	0.7	0.5	26	0.03	0.067	24	33	0.72	81	0.03	1	2.53	0.011	0.06	0.2	0.04	1.8	0.1	<.05	9	<.5	<1	<1	4
MF-C 39+00S	2.7	83.7	24.3	92	0.3	60.9	15.2	323	6.48	46.8	2.3	8.2	16.6	6	0.1	0.7	0.6	25	0.04	0.094	29	36	0.71	64	0.019	1	2.73	0.01	0.05	0.5	0.05	2.3	0.1	<.05	9	0.7	<1	<1	5.6
MF-C 39+50S	1.7	61.5	20.8	82	0.1	46.8	13	466	4.95	25.5	1.4	5.2	11.5	6	0.1	0.7	0.4	20	0.03	0.094	28	36	0.89	57	0.021	<1	2.42	0.006	0.04	0.7	0.03	1.9	0.1	<.05	8	<.5	<1	<1	4.3
MF-C 40+00S	1.4	43.4	14.4	74	0.2	47.6	13.7	252	4.14	10.4	1.1	2.8	10.8	7	0.1	0.5	0.3	22	0.04	0.073	26	34	0.81	63	0.032	<1	2.66	0.007	0.04	0.2	0.04	1.9	0.1	<.05	8	<.5	<1	<1	7.1
MF-C 40+50S	1	19.6	12.9	64	0.3	28.9	12.2	426	3.07	9	0.7	1.8	5.6	12	0.1	0.4	0.4	24	0.08	0.087	17	22	0.4	108	0.058	1	2.42	0.017	0.06	0.2	0.04	1.8	0.1	<.05	8	<.5	<1	1	8.5
MF-C 41+00S	2.4	65.8	20.8	95	0.2	67.6	21.5	431	5.31	20.6	1.6	3.3	12.6	8	0.1	0.6	0.4	22	0.04	0.085	30	35	0.74	89	0.02	<1	2.74	0.014	0.06	0.2	0.04	2.2	0.1	<.05	8	<.5	<1	<1	5.4
MF-C 41+50S	1.3	51.7	10.2	95	<.1	48.1	16	392	5.12	26.3	1.3	1.1	12.5	5	0.1	0.5	0.4	15	0.03	0.065	38	42	1.22	44	0.007	<1	2.49	0.007	0.03	0.1	0.02	2.1	<.1	<.05	8	<.5	<1	<1	1.9
MF-C 42+00S	2.5	47.2	26.9	80	0.9	41.1	9.8	271	5.39	38.1	1.5	1.9	8.9	13	0.2	0.7	0.7	23	0.15	0.113	25	30	0.54	55	0.027	1	1.8	0.012	0.05	0.2	0.06	1.4	0.1	<.05	9	0.5	<1	1	0.9
MF-C 42+50S	2.7	56.8	17	91	0.3	46.5	10.4	237	6.04	20	1.3	2.7	11.8	4	0.2	0.7	0.8	22	0.03	0.089	19	29	0.69	48	0.048	1	2.39	0.011	0.04	0.3	0.06	1.7	0.1	<.05	9	<.5	<1	1	6
MF-C 43+00S	1.3	23.7	17	81	0.5	27.8	11.4	262	4.1	38.4	0.8	1.5	7	7	0.1	0.4	0.4	28	0.04	0.065	17	24	0.38	103	0.045	<1	2.68	0.018	0.05	0.2	0.04	1.6	0.1	<.05	9	<.5	<1	1	6.3

MF-C 43+50S	0.9	14.3	14.6	81	0.4	25.2	11.7	508	3.27	11.1	0.6	1.9	6.2	9	0.2	0.4	0.4	29	0.06	0.071	17	22	0.39	112	0.068	1	2.38	0.014	0.05	0.1	0.06	1.7	0.1	<.05	9	<.5	<1	1	10.8
MF-C 44+00S	0.9	17.5	15.3	86	0.5	29.7	13.1	377	2.91	7.5	0.7	2.4	5.9	9	0.3	0.5	0.4	26	0.07	0.086	14	20	0.35	96	0.072	1	2.75	0.014	0.05	0.2	0.07	1.7	0.1	<.05	9	<.5	<1	1	9.9
MF-C 44+50S	1.8	45.4	18.9	80	0.2	49	16.8	521	3.98	38.1	1.4	3.9	10.3	8	0.1	0.6	0.5	19	0.07	0.07	27	28	0.64	64	0.029	1	2.28	0.01	0.05	0.1	0.04	2	0.1	<.05	7	0.5	<1	<1	6
MF-C 45+50S	1.4	26.7	23.2	50	0.6	26.5	6.5	158	3.64	28.7	1.2	4.1	5	4	0.2	0.5	0.6	21	0.03	0.04	23	25	0.47	37	0.042	<1	1.89	0.01	0.03	0.2	0.09	1.3	0.1	<.05	10	0.6	<1	1	2.8
STANDARD DS7	20.5	114.4	75	410	0.9	59.3	9.9	654	2.63	52	5.3	68.2	5.1	82	7	6.6	4.9	92	1.02	0.084	14	225	1.11	384	0.13	41	1.11	0.1	0.45	4.2	0.22	2.9	4.5	0.21	5	3.9	1	5	5.5
G-1	0.9	2.6	2.7	46	<.1	7.7	3.9	505	1.82	0.6	2.3	1.5	4.3	60	<.1	<.1	0.1	33	0.46	0.084	7	100	0.61	204	0.117	1	0.94	0.075	0.49	0.1	<.01	2.1	0.4	<.05	4	<.5	<1	1	1.3
MF-C 46+00S	1.1	22.9	15.7	62	0.4	25.6	7.4	307	5.49	20.4	1	2.3	7.5	4	0.2	0.5	0.4	22	0.04	0.09	13	41	0.7	32	0.019	1	2.86	0.006	0.02	0.2	0.08	1.7	<.1	<.05	7	0.5	<1	<1	6
MF-C 46+50S	0.8	11.4	24.4	49	0.2	10.2	3.2	117	1.67	10.7	0.5	1.7	0.8	4	0.1	0.8	0.4	11	0.05	0.054	10	13	0.28	31	0.009	1	0.74	0.007	0.03	0.1	0.1	0.5	0.1	<.05	5	<.5	<1	<1	0.1
MF-C 47+00S	0.8	27.7	14.2	111	0.3	27.7	9.9	312	3.06	12.4	1.1	3.8	6.6	7	0.2	0.3	0.4	21	0.04	0.074	16	21	0.5	161	0.055	1	2.81	0.011	0.05	0.2	0.05	2.5	0.1	<.05	8	<.5	<1	1	18.6
MF-C 47+50S	1	35.2	20.5	142	0.1	32.4	11.1	224	3.55	17.3	1.5	3.3	8.7	5	0.2	0.6	0.4	17	0.03	0.061	15	28	0.61	85	0.044	1	2.95	0.008	0.02	0.2	0.04	2.6	<.1	<.05	6	<.5	<1	<1	18.9
MF-C 48+00S	1.1	53.4	16.6	97	<.1	49.9	13.6	337	4.57	24.6	1.4	3.7	10.6	2	0.1	0.4	0.3	16	0.01	0.041	23	36	1.08	52	0.004	1	2.19	0.003	0.02	0.3	0.02	2.2	<.1	<.05	6	<.5	<1	<1	2.4
MF-C 48+50S	1.1	29.9	12.6	82	0.1	33.8	11.5	248	4.09	13.6	1.1	6.2	8.6	4	0.1	0.3	0.3	22	0.02	0.081	21	31	0.83	66	0.022	1	2.84	0.005	0.03	0.3	0.05	2.2	0.1	<.05	7	<.5	<1	<1	8.7
MF-C 49+00S	0.9	15.6	14.3	58	0.2	18.7	6.3	277	3.1	11.3	0.6	1.3	6.1	3	0.1	0.6	0.4	23	0.02	0.053	16	21	0.5	48	0.025	1	1.68	0.006	0.02	0.3	0.04	1.2	0.1	<.05	8	<.5	<1	1	3.4
MF-C 49+50S	0.9	13	19.6	52	<.1	14.2	5.3	174	2.68	11.4	0.6	1.1	5.7	4	0.1	0.5	0.4	22	0.02	0.057	16	19	0.36	58	0.016	<1	1.51	0.007	0.03	0.2	0.03	1.2	0.1	<.05	7	<.5	<1	1	3.7
MF-C 50+00S	1.4	21.1	12.9	50	0.1	20.4	6.2	110	3.27	20.9	0.8	2.4	6.1	5	0.1	0.7	0.4	22	0.02	0.058	16	20	0.36	48	0.029	1	1.41	0.006	0.02	0.2	0.03	1.2	0.1	<.05	6	<.5	<1	<1	5.3
MF-C 50+50S	1.1	24.8	12.3	60	0.3	23.3	9	257	3.08	16.6	1.1	4.3	6.8	4	0.1	0.3	0.3	22	0.02	0.135	10	24	0.57	65	0.067	1	3.14	0.01	0.03	0.2	0.05	2.5	0.1	<.05	9	<.5	<1	1	25.3
MF-C 51+00S	1	8.6	21.2	40	<.1	8.6	3.5	280	2.5	16	0.3	1.8	3.5	4	0.1	0.9	0.4	21	0.03	0.051	18	16	0.33	40	0.021	1	1	0.007	0.03	0.1	0.01	0.8	0.1	<.05	6	<.5	<1	1	1.1
MF-C 51+50S	1.7	36.1	19.8	59	0.2	23.5	7.4	182	3.92	27.8	0.9	3.8	8.3	6	0.1	0.8	0.4	22	0.02	0.064	22	30	0.55	45	0.024	1	1.5	0.013	0.04	0.2	0.03	1.4	0.1	<.05	7	<.5	<1	<1	2.8
RE MF-C 51+50S	1.7	32.5	19.6	55	0.2	20.3	7.3	174	3.82	27	0.9	3.2	7.8	5	0.1	0.7	0.4	22	0.02	0.067	20	30	0.54	44	0.023	1	1.56	0.011	0.04	0.1	0.03	1.4	0.1	<.05	6	0.6	<1	<1	2.8
MF-C 52+00S	0.8	11.7	16.5	38	0.2	7.8	2.4	76	3.03	14.5	0.5	0.9	4.2	4	0.1	0.3	0.3	22	0.01	0.086	12	19	0.29	60	0.005	1	1.75	0.006	0.07	0.2	0.13	1.2	0.1	<.05	7	<.5	<1	1	1.4
MF-C 52+50S	1	17.7	16.4	59	<.1	24.8	10.3	417	3.09	21	0.7	1.7	6.8	5	0.2	0.4	0.3	21	0.03	0.068	16	20	0.41	58	0.023	1	1.9	0.006	0.04	0.2	0.03	1.3	0.1	<.05	6	<.5	<1	<1	5.2
MF-C 53+00S	1	36	16.8	98	0.2	48.4	17.6	426	3.74	28.1	1.2	2.7	9.1	5	0.2	0.4	0.3	17	0.02	0.063	18	30	0.74	51	0.019	<1	2.18	0.004	0.03	0.2	0.03	1.8	<.1	<.05	5	<.5	<1	<1	5.8
MF-C 53+50S	0.7	15.3	11.5	65	<.1	27	7.2	159	4.09	18.3	0.7	1	8.4	3	0.1	0.3	0.3	21	0.01	0.055	18	27	0.63	43	0.013	1	1.92	0.004	0.03	0.2	0.03	1.4	0.1	<.05	7	<.5	<1	<1	2.8
MF-C 54+00S	0.4	17.1	27.5	83	0.2	23.1	11.5	801	2.42	18.2	0.5	<.5	5.3	11	0.5	0.4	0.3	22	0.07	0.062	14	17	0.3	157	0.033	1	1.71	0.008	0.06	0.1	0.03	1.4	0.2	<.05	7	<.5	<1	1	4.6
MF-C 54+50S	0.6	18.1	33.9	82	0.4	42.4	18.1	238	2.6	18.8	0.8	1.7	6.4	8	0.3	0.4	0.3	20	0.05	0.066	11	21	0.37	137	0.046	1	2.19	0.008	0.05	0.2	0.05	1.8	0.1	<.05	7	<.5	<1	1	12
MF-C 55+00S	1	15	75.4	157	0.3	28.1	11.7	818	3.42	68	0.6	1	5.7	12	1.1	0.8	0.4	23	0.07	0.071	14	23	0.44	86	0.031	1	1.62	0.006	0.05	0.2	0.04	1.3	0.1	<.05	7	<.5	<1	1	2.7
MF-C 55+50S	0.7	27.9	36.8	119	0.4	60.6	21.1	1259	3.58	51.9	0.9	2.9	6.9	15	0.8	0.3	0.3	28	0.07	0.062	12	48	0.57	159	0.056	1	2.16	0.008	0.06	0.2	0.04	2	0.1	<.05	6	<.5	<1	1	5.2
MF-C 56+00S	0.6	19.3	19.2	75	0.3	30.1	9.6	173	3.09	18.6	0.8	1	5.8	4	0.2	0.1	0.2	12	0.02	0.041	14	24	0.62	49	0.01	<1	1.68	0.003	0.03	0.1	0.04	1.2	<.1	<.05	6	<.5	<1	<1	2.4
MF-C 56+50S	1	14.3	34.7	59	0.7	15	9.3	286	2.97	18.1	1	2.3	3.4	5	0.3	0.4	0.4	23	0.03	0.166	7	16	0.18	77	0.078	<1	3.13	0.01	0.03	0.3	0.1	1.5	0.1	<.05	10	<.5	<1	1	8.4
MF-C 57+00S	0.4	13.4	27.2	94	0.3	22.8	7	593	2.61	14.8	0.5	1.4	3.6	5	0.7	0.4	0.3	15	0.03	0.068	18	18	0.49	56	0.016	1	1.1	0.006	0.04	0.1	0.03	0.9	0.1	<.05	5	<.5	<1	<1	0.1
MF-C 57+50S	0.6	38.7	65.4	49	0.2	36.5	17.6	291	3.85	60.5	1	1.6	1.9	7	0.4	0.3	1.2	15	0.06	0.083	9	16	0.61	40	0.025	1	1.38	0.004	0.05	0.1	0.04	1	0.1	<.05	5	0.5	<1	<1	0.3
MF-C 58+00S	0.5	11.1	37.6	73	0.4	15.8	6	784	2.34	12.3	0.5	0.5	0.9	8	0.3	0.6	0.4	17	0.06	0.102	14	14	0.29	80	0.025	<1	1.37	0.007	0.04	0.2	0.09	0.9	0.1	<.05	6	<.5	<1	1	0.3
MF-C 58+50S	0.6	11.8	13.4	66	0.5	15.4	6.4	144	2.82	13.1	0.7	1.4	4.7	5	0.3	0.6	0.3	25	0.03	0.084	9	16	0.18	88	0.05	1	2.51	0.009	0.03	0.3	0.11	1.7	0.1	<.05	9	<.5	<1	1	10.8
MF-CC 20+50W	1.5	15.6	12.1	98	<.1	28.8	8.3	440	1.79	1.8	0.4	<.5	4.9	15	0.2	0.1	0.8	12	0.12	0.058	13	12	0.36	160	0.042	1	1.23	0.006	0.1	0.6	0.02	1.2	0.1	<.05	4	<.5	<1	<1	1.6
MF-CC 20+00W	2.7	12.2	8.7	84	0.1	29.3	8.2	467	1.72	1.5	0.4	1.2	3.7	10	0.2	0.1	0.7	13	0.06	0.042	11	16	0.44	113	0.041	1	1.4	0.007	0.09	0.5	0.02	1.2	0.1	<.05	5	<.5	<1	<1	0.9
MF-CC 19+50W	3.8	13.1	14.2	136	0.2	35.1	9.3	591	1.92	3.3	0.5	1.5	3.7	15	0.2	0.3	0.7	17	0.08	0.13	9	13	0.34	173	0.084	1	2	0.012	0.09	0.8	0.03	1.2	0.1	<.05	7	<.5	<1	1	8.3
MF-CC 19+00W	1.3	11	12	136	0.3	35.6	6.8	613	1.51	2.6	0.5	2.1	2.6	27	0.4	0.2	0.6	16	0.16	0.177	8	10	0.22	216	0.093	1	2.19	0.022	0.09	0.7	0.04	1.7	0.2	<.05	7	<.5	<1	1	9.1
MF-CC 18+50W	3	13.8	21.1	134	0.2	30.5	10.6	475	2.17	2	0.6	<.5	4.5	20	0.3	0.1	2.3	14	0.09	0.067	14	15	0.49	165	0.055	1	1.59	0.008	0.19	1.1	0.02	1.3	0.2	<.05	5	<.5	<1	<1	1.7
MF-CC 18+00W	5.2	17.2	11.1	124	0.2	34.7	11	334	2.18	1.6	0.8	<.5	5.2	20	0.3	0.1	1.9	15	0.1	0.1	14	18	0.55	133	0.052	1	1.88	0.008	0.14	2.2	0.02	1.5	0.2	<.05	5	<.5	<1	<1	4.7
MF-CC 17+50W	1.8	8.8	20.9	315	0.6	28.2	15.5	1084	1.72	2.6	0.6	<.5	2.6	22	1.9	0.2	0.9	15	0.1	0.281	9	11	0.24	222	0.08	2	1.91	0.015	0.1	1.2	0.03	1.4	0.2	<.05	7	<.5	<1	1	5.2
MF-CC 17+00W	1.1	10.4	15	174	0.4	32.7	12.3	606	2.02	2	0.4	<.5	3.2	36	0.5	0.2	0.7	15	0.17	0.104	10	13	0.49	176	0.085	1	1.62	0.011	0.21	0.6	0.02	1.3	0.2	<.05	6	<.5	<1	1	2.7
MF-CC 16+50W	0.9	12.5	17.2	157	0.3	44.6	12.3	191	1.89	2	0.4	<.5	3.9	22	0.4	0.3	0.6	16	0.12	0.056	10	11	0.37	162	0.083	1	1.96	0.011	0.14	0.8	0.03	1.3	0.1	<.05	6	<.5	<1	1	8
MF-CC 16+00W	0.5	8.3	10.6	117	0.3	27.4	11.2	555	1.74	1.6	0.3	<.5	3.2	11	0.2	0.3	0.4	12	0.07	0.032	11	11	0.45	137	0.092	2	1.43	0.007	0.2	0.5	0.02	1	0.2	<.05	5	<.5	<1	1	1.6
STANDARD DS7	20.1	111.8	66.5	439	0.9	58.7	9.5	627	2.56	53.4	4.7	59	4.5	84	7.5	6.9	4.7	89	0.96	0.082	14	207	1.06	384	0.122	41	0.94	0.098	0.47	4.2	0.21	2.8	4.1	0.18	5	3.8	1	6	5.3
G-1	1	2.5	2.9	46	<.1	7.3	4.7	552	1.96	0.6	2.4	<.5	4.5	67	<.1	<.1	0.1	38	0.5	0.082	8	113	0.63	228	0.137	1	0.99	0.083	0.53	0.2	<.01	2.4	0.4	0.07	5	<.5	<1	1	1.5
MF-CC 15+50W	0.5	13	11.6	218	0.9	69.8	13.7	815	1.66	5.1	0.8	0.9	3.2	25	0.5	0.3	0.4	22	0.12	0.252	6	7	0.13	151	0.142	2	3.53	0.025	0.06	0.2	0.05	1.9	0.2	<.05	8	<.5	<1	1	24
MF-CC 15+00W	0.6	27.6	13.9	150	0.4	48.9	19	517	2.47	5.1	0.9	2.2	4.2	15	0.3	0.3	1.2	21	0.09	0.167	10	14	0.39	147	0.077	1	2.53	0.013	0.1	0.7	0.04	1.6	0.1	0.06	8	<.5	<1	1	10.2
MF-CC 14+50W	0.4	19.1	25	253	0.3	51.5	13.8	1428	2.07	3.4	0.6	<.5	2.9	41	1.7	0.3	5.7	19	0.2	0.124	8	11	0.34	217	0.076	1	1.78	0.018	0.12	0.3	0.04	1.3	0.2	<.05	6	<.5	<1	1	4.1
MF-CC 14+00W	0.3	10.5	16	93	0.2	13	11.3	1082	1.48	2.8	0.3	0.7	1	19	0.7	0.3	1.2	19	0.09	0.062	11	10	0.21	157	0.032	1	0.96	0.007	0.07	0.3	0.02	1	0.1	<.05	5	<.5	<1	1	0.4
MF-CC 13+00W	0.5	12.6	14	107	0.4	17.9	9.8	605	2.42	7	0.5	<.5	4	8	0.3	0.3	0.9	19	0.05	0.264	12	14	0.36	116	0.022	1	1.99	0.006	0.06	0.7	0.03	1.3	0.1	<.05	6	<.5	<1	1	3.2
MF-CC 12+50W	0.8	16.8	16.2	96	0.2	20.9	8.5	313	3.04	6.4	0.4	0.9	3.6	6	0.2	0.3	0.8	22	0.03	0.127	14	16	0.54	85	0.017	1	1.66	0.005	0.05	0.6	0.02	1	0.1	<.05	6	<.5	<1	1	1.3
MF-CC 12+00W	0.8	11.9	24.8	103	0.7	14.1	5.3	163	2.89	6	0.4	<.5	3.7	5	0.2	0.5	0.7	27	0.03	0.112	9	16	0.31	93	0.025	<1	2.09	0.007	0.06	0.5	0.03	1.4	0.1	<.05	7	<.5	<1	1	6.7
MF-CC 11+50W	0.5	14.5	24.2	230	0.3	45.7	15.8	362	2.24	7.1	0.6	0.8	3.5	8	0.5	0.6	0.7	23	0.06	0.097	8	12	0.31	130	0.055	1	2.63	0.011	0.07	0.4	0.05	1.8	0.1	<.05	7	<.5	<1	1	16.2
MF-CC 11+00W	0.5	12.5	24.6	94	0.1	21.2	11.7	1224	2.34	6.4	0.5	<.5	2.6	14	0.2	0.4	0.5	26	0.08	0.092	9	15	0.27	138	0.042	<1	1.98	0.011	0.08	0.3	0.03	1.5	0.1	<.05	8	<.5	<1	1	3.7
MF-CC 10+50W	0.6	21.8	24.7	89	0.3	32.6	8.1	162	2.36	7.8	0.9	2.3	5	7	0.2	0.2	0.3	16	0.03	0.045	14	16	0.41	68	0.023	<1	1.89	0.007	0.06	0.2	0.03	1.8	0.1	<.05	5	<.5	<1	<1	6.8
MF-CC 10+00W	0.5	7.1	42.1	75	0.2	14.5	4.8	131	2.44	5.8	0.3	<.5	2.6	7	0.1	0.2	0.5	22	0.01	0.046	12	14	0.41	42	0.029	<1	1.21	0.005	0.06	0.2	0.02	1.2	0.1	<.05	7	<.5	<1	1	0.2
MF-CC 09+50W	0.4	12.3	28.4	61	0.7	9.9	6	403	1.52	2.5	0.3	<.5	1.1	8	0.5	0.3	0.4	16	0.04	0.199	7	8	0.17	76	0.034	<1	1.03	0.01	0.07	0.1	0.03	0.9	0.1	0.06	6	<.5	<1	1	1.1
MF-CC 09+00W	0.7	10.8	37.9	59	0.1	14	4.7	126	2.77	4.5	0.4	3.6	4.2	7	0.1	0.2	0.4	19	0.02	0.052	12	11	0.39	48	0.024	1	1.35	0.005	0.07	0.3	0.02	1	0.1	<.05	6	<.5	<1	1	1.9
MF-CC 08+50W	0.8	13.4	20.9	63	0.2	14.3	7.5	180	2.29	5.9	0.8	1	3.1	7	0.2	0.4	0.3	25	0.03	0.11	5	10	0.17	81	0.071	<1	2.96	0.011	0.04	0.3	0.09	1.6	0.1	<.05	8	<.5	<1	1	18.9
MF-CC 08+00W	0.3	6	15.2	51	0.2	7.9	3.9	295	1.24	2.2	0.3	<.5	3.4	10	0.2	0.3	0.3	14	0.06	0.098	13	5	0.12	66	0.022	<1	0.82	0.007	0.07	0.1	0.03	0.8	0.1	<.05	5	<.5	<1	1	1.4
MF-CC 07+00W	0.7	9.1	15.9	86	0.2	14.1	12.3	424	2.99	6.1	0.5	<.5	2.9	9	0.2	0.5	0.4	26	0.05	0.348	5	12	0.22	79	0.075	1	3.14	0.011	0.06	0.3	0.06	1.5	0.1	<.05	8	<.5	<1	1	17.6
MF-CC 06+50W	0.5	7.8	14.7	97	0.3	13	8.1	174	2.31	3.1	0.3	<.5	3.9	7	0.2	0.2	0.3	19	0.03	0.095	14	12	0.37	79	0.035	<1	1.4	0.006	0.09	0.2	0.02	1.3	0.1	<.05	7	<.5	<1	1	1.6
MF-CC 06+00W	0.6	15	43.8	77	0.4	14.2	9	333	2.36	6.7	0.8	1.1	4	8	0.2	0.2	0.6	18	0.04	0.272	8	11	0.3	89	0.064	1	2.88	0.013	0.06	0.2	0.04	1.6	0.1	<.05	7	<.5	<1	1	17
MF-CC 05+50W	0.5	16.5	13.1	97	0.4	24.2	15	370	2.29	7.9	1	1.7	4.2	7	0.2	0.1	0.3	15	0.03	0.134	10	11	0.34	98	0.039	1	2.66	0.012	0.05	0.2	0.04	1.9	0.1	<.05	7	<.5	<1	1	17
MF-CC 05+00W	0.6	13.7	26.6	61	0.4	16.6	7.6	171	2.55	19.8	0.7	0.9	4.7	5	0.2	0.3	0.5	14	0.02	0.064	13	9	0.26	49	0.015	1	1.73	0.006	0.05	0.2	0.06	1.4	0.1	<.05	5	<.5	<1	<1	6.1
MF-CC 04+50W	0.6	14.2	54.6	94	0.7	15.2	8.2	297	2.77	9.9	0.7	1.6	3.6	7	0.3	0.5	0.5	22	0.05	0.17	6	13	0.25	87	0.042	<1	2.4	0.011	0.05	0.2	0.12	1.6	0.1	<.05	7	<.5	<1	1	8.6
RE MF-CC 04+50W	0.6	14.2	55.1	95	0.7	15.4	7.9	295	2.8	10	0.7	1	3.5	8	0.3	0.4	0.5	21	0.05	0.174	6	11	0.25	87	0.037	1	2.3	0.011	0.05	0.2	0.12	1.5	0.1	<.05	7	<.5	<1	1	9
MF-CC 04+00W	0.5	6.9	44.8	54	0.5	7.1	2.6	124	2.17	12.9	0.3	<.5	2.7	4	0.2	0.3	0.3	17	0.01	0.051	10	8	0.23	37	0.01	1	1	0.005	0.04	0.1	0.03	0.8	0.1	<.05	6	<.5	<1	1	0.5
MF-CC 03+50W	0.8	7.9	38.6	61	0.3	7.7	4.7	222	2.58	11	0.5	<.5	2.9	5	0.4	0.5	0.5	27	0.02	0.053	9	12	0.15	58	0.061	1	1.8	0.009	0.04	0.2	0.06	1.2	0.1	<.05	10	<.5	<1	1	5.4
MF-CC 03+00W	0.7	11.4	23.9	45	0.8	6	3.9	213	1.99	4.6	0.5	0.6	2.3	4	0.2	0.4	0.4	33	0.03	0.073	4	8	0.07	33	0.103	1	2.24	0.015	0.03	0.1	0.06	1.5	0.1	<.05	11	<.5	<1	1	27
MF-CC 02+50W	0.8	12.2	30.2	65	1.2	6.6	6.1	551	2.44	11.1	0.6	<.5	2.5	4	0.3	0.4	0.6	26	0.02	0.104	7	12	0.12	60	0.052	<1	3.06	0.014	0.04	0.2	0.11	1.7	0.1	<.05	10	<.5	<1	1	10.2
MF-CC 02+00W	0.8	15.8	42	67	0.4	11.9	9.8	597	3.02	14.4	0.8	0.5	4.3	4	0.2	0.7	0.5	21	0.02	0.119	8	15	0.21	65	0.034	1	3.03	0.009	0.04	0.2	0.13	1.6	0.1	<.05	7	<.5	<1	1	16.7
MF-CC 01+50W	0.7	20.1	31.4	68	0.4	19.4	9.2	392	3.19	14.9	0.6	0.6	5.8	5	0.2	0.4	0.4	16	0.02	0.083	15	14	0.42	41	0.012	<1	1.64	0.005	0.06	0.1	0.05	1.3	0.1	<.05	5	<.5	<1	<1	3.8
MF-CC 01+00W	1	25.7	28	69	0.2	29.5	8	232	4.55	15.2	0.7	<.5	5.5	4	0.2	0.4	0.5	17	0.01	0.101	11	30	0.6	30	0.011	<1	2.18	0.004	0.02	0.1	0.08	1.3	<.1	<.05	6	<.5	<1	<1	2.1
MF-CC 00+50W	0.5	23.6	17.4	46	0.2	25.6	7.6	128	2.83	20.6	0.7	0.8	6.7	4	0.1	0.4	0.3	13	0.01	0.026	18	19	0.48	20	0.005	<1	1.11	0.003	0.02	0.1	0.05	0.8	0.1	<.05	5	<.5	<1	<1	0.7
MF-D 00+00E	1.1	58.5	16.1	66	0.2	26	12.7	620	3.47	24.3	2.6	2.2	4.3	4	0.3	0.4	0.4	26	0.03	0.078	22	24	0.56	64	0.052	<1	2.68	0.007	0.04	0.2	0.06	2.2	0.1	<.05	9	<.5	<1	1	5.2
MF-D 00+50E	0.8	21.5	12.1	53	<.1	21.4	11.6	462	2.74	18	1.2	<.5	2.6	3	0.1	0.2	1.4	13	0.03	0.052	17	17	0.5	42	0.013	<1	1.26	0.002	0.04	1.1	0.02	0.9	<.1	<.05	4	<.5	<1	<1	<.1
MF-D 01+00E	3.2	10.3	18.4	37	0.3	10.7	5.1	847	1.79	5.2	1.3	<.5	0.8	7	0.2	0.3	0.5	23	0.16	0.045	12	10	0.29	72	0.062	1	1.33	0.011	0.05	0.4	0.05	1	0.1	<.05	9	<.5	<1	1	1.7
MF-D 01+50E	0.6	12.6	11	55	<.1	14.2	6.3	187	2.42	6.5	0.7	0.6	3.2	3	0.1	0.2	0.6	16	0.03	0.046	16	14	0.45	44	0.019	<1	1.68	0.003	0.03	1	0.04	1.1	0.1	<.05	5	<.5	<1	<1	0.9
MF-D 02+00E	0.8	17.4	11.4	47	<.1	15.7	8.8	208	3.12	11.6	1.6	<.5	4.9	3	0.1	0.1	0.8	14	0.06	0.029	18	15	0.39	34	0.018	<1	1.23	0.002	0.03	1.2	0.03	1.1	<.1	<.05	4	<.5	<1	<1	0.6
MF-D 02+50E	1.4	26.2	19.2	46	<.1	21.4	14.2	440	2.55	10.1	2	<.5	4.5	4	0.1	0.2	0.9	12	0.07	0.041	15	13	0.46	42	0.014	<1	1.38	0.002	0.03	1.3	0.02	1.2	0.1	<.05	3	0.5	<1	<1	1.2
MF-D 03+00E	1.1	19.8	14.8	52	<.1	13.7	8.5	281	3.06	13.8	1.2	<.5	2.7	4	0.3	0.4	0.7	24	0.05	0.042	13	12	0.31	54	0.04	1	1.14	0.003	0.04	0.7	0.07	0.9	0.1	<.05	7	<.5	<1	1	1.2
STANDARD DS7	19.5	103.5	69.8	408	0.8	51.5	8.8	611	2.28	46.7	4.9	74.9	4.5	75	6.9	6.3	4.6	76	0.89	0.076	14	187	0.95	379	0.112	39	0.89	0.092	0.43	4.2	0.2	2.4	4.2	0.2	4	3.3	1	5	5.3
G-1	0.9	2.8	2.9	41	<.1	8.6	4.1	562	1.87	<.5	2.5	<.5	4.6	56	<.1	<.1	0.1	41	0.49	0.079	8	117	0.58	191	0.126	2	0.96	0.071	0.45	0.1	<.01	2.3	0.4	<.05	4	<.5	<1	<1	1.4
MF-D 03+50E	1.2	132.1	20.3	31	0.3	29.8	10.7	460	2.89	12.5	18.1	2	7.1	5	0.1	0.2	0.4	25	0.08	0.049	32	13	0.25	53	0.073	1	2.56	0.011	0.05	0.4	0.08	2.6	0.1	<.05	9	1.1	<1	<1	6.9
MF-D 04+00E	0.7	19.2	17.2	57	0.2	10.7	7.7	384	2.46	5.8	1.3	0.6	3.5	3	0.2	0.2	0.9	30	0.03	0.036	11	11	0.28	35	0.066	1	1.21	0.006	0.04	1.6	0.04	1.1	0.1	<.05	7	0.5	<1	<1	3
MF-D 04+50E	1.2	235.9	16	50	<.1	31.3	12.5	323	2.22	36.9	3.7	1.1	4.4	5	0.1	0.3	1	16	0.14	0.048	15	16	0.55	62	0.016	1	1.13	0.004	0.07	1.5	0.02	1.5	0.1	<.05	3	<.5	<1	<1	0.1
RE MF-D 04+50E	1.2	249.4	17.8	50	<.1	32	12.4	336	2.25	39.6	4	0.8	4.7	5	0.1	0.3	1.1	18	0.14	0.049	16	18	0.58	65	0.018	1	1.17	0.004	0.08	1.5	0.01	1.7	0.1	<.05	4	<.5	<1	<1	0.1
MF-D 05+00E	0.5	21.9	15.1	100	<.1	19.1	9.6	258	2.52	5.6	0.4	<.5	4.9	3	0.1	0.2	1	18	0.07	0.049	11	14	0.61	28	0.025	<1	1.32	0.002	0.05	2.5	0.02	1.3	0.1	<.05	3	<.5	<1	<1	1.2
MF-D 05+50E	0.5	61.8	37.9	69	1.1	19.9	9.7	1763	2.17	8.5	4.4	1.2	0.8	23	0.8	0.2	0.5	23	0.35	0.153	19	12	0.22	67	0.055	1	2.79	0.016	0.04	0.3	0.08	1.8	0.1	0.12	9	0.5	<1	<1	2.9
MF-D 06+00E	0.7	36.4	9.8	77	0.1	30.1	11.5	235	3.27	26.5	0.6	<.5	5.9	2	0.1	0.2	0.8	19	0.03	0.057	11	25	0.73	36	0.016	<1	2.53	0.003	0.03	1.8	0.03	1.9	0.1	<.05	5	<.5	<1	<1	6.7
MF-D 06+50E	1.6	34.6	13.7	31	0.6	14.7	3.5	257	5.34	49.4	1.5	0.8	4	3	0.3	0.7	0.6	43	0.04	0.116	6	30	0.37	14	0.084	1	2.46	0.008	0.02	0.4	0.11	1.4	0.1	0.07	14	1	<1	<1	8
MF-D 07+00E	0.9	27.2	8.6	41	<.1	21.8	5.8	177	3.22	25.3	1.1	<.5	6.2	2	0.1	0.2	0.5	27	0.02	0.038	9	26	0.55	20	0.061	<1	3.12	0.009	0.02	0.5	0.05	2	<.1	<.05	8	0.6	<1	<1	24.9
MF-D 07+50E	0.8	34.4	8.3	34	<.1	14.3	6.5	261	2.37	13.2	2	<.5	4.8	4	0.1	0.2	0.3	26	0.04	0.051	7	17	0.26	26	0.093	1	3.79	0.014	0.02	0.3	0.08	1.8	0.1	<.05	9	0.8	<1	<1	20.2
MF-D 08+00E	1	29.2	10	60	0.3	25.3	8.9	304	4.59	23.2	0.7	<.5	3.3	2	0.1	0.2	0.7	25	0.02	0.072	11	31	0.73	20	0.018	<1	2.17	0.003	0.03	1	0.07	1.3	0.1	<.05	7	0.5	<1	<1	0.6
MF-D 08+50E	1.8	61.8	20.8	90	0.1	65.8	19.8	399	4.95	53.7	0.9	0.8	8.7	3	0.2	0.6	1.2	15	0.04	0.063	15	20	0.61	40	0.012	<1	1.68	0.003	0.06	1.5	0.03	2.3	0.1	<.05	3	0.8	<1	<1	2.6
MF-D 09+00E	0.7	19.2	17	99	0.3	20.2	13.9	402	2.9	8.3	0.7	<.5	4.7	3	0.2	0.3	1.3	27	0.03	0.045	12	17	0.49	50	0.035	<1	2.06	0.004	0.05	3.4	0.04	1.8	0.1	<.05	5	0.5	<1	<1	3.5
MF-D 09+50E	0.5	19.4	15.1	114	<.1	23	13	348	3.08	10.5	0.6	<.5	5.5	2	0.1	0.2	1.2	25	0.02	0.042	16	21	0.54	61	0.025	1	1.96	0.004	0.06	2.7	0.03	2.1	0.1	<.05	5	<.5	<1	<1	6

MF-D 10+00E	0.4	21	11.7	84	<.1	25.9	11.8	263	3.14	6	0.6	<.5	4.7	3	0.1	0.2	1	20	0.05	0.035	21	22	0.84	50	0.018	<1	1.8	0.004	0.07	1.7	0.02	1.5	0.1	<.05	4	<.5	<1	<1	0.4
MF-D 10+50E	1.2	38.2	16	76	0.1	25	11.7	289	3.67	27.7	1.4	1.6	5.6	3	0.1	0.3	1.2	26	0.02	0.045	16	18	0.47	40	0.055	1	2.23	0.006	0.04	1.4	0.05	2.4	0.1	<.05	7	0.5	<1	<1	4.6
MF-D 11+00E	0.9	45	17.3	54	0.3	18.7	12.3	466	3.18	17.8	4.3	2.3	4.6	4	0.2	0.2	0.7	28	0.04	0.057	16	17	0.34	41	0.081	<1	2.58	0.011	0.04	0.7	0.1	3.1	0.1	<.05	9	0.8	<1	<1	6.3
MF-D 11+50E	1.1	27.2	20.4	81	0.1	20.8	10.1	228	3.63	22.5	1.1	0.5	6.3	4	0.2	0.3	0.9	29	0.04	0.047	10	17	0.43	63	0.055	1	2.74	0.006	0.03	1.7	0.06	1.9	0.1	<.05	6	0.5	<1	<1	10.4
MF-D 12+00E	2.5	92.5	41.5	92	0.2	49.4	28.1	385	7.04	84.6	2.2	0.9	8.1	2	0.3	0.7	1.8	14	0.02	0.05	15	21	0.49	23	0.013	<1	2.02	0.003	0.02	2.5	0.06	2.3	0.1	<.05	4	1.6	<1	<1	2.9
MF-D 12+50E	1.3	29.3	20.5	77	0.1	26	11.6	232	4.22	40.1	0.9	0.5	5.5	2	0.1	0.4	1.2	20	0.01	0.044	15	20	0.5	27	0.015	<1	1.77	0.002	0.03	1.3	0.05	1.6	0.1	<.05	5	0.5	<1	<1	1.4
MF-D 13+00E	1.1	27.4	35.4	71	0.1	27.7	10.8	314	3.81	29	0.9	0.5	4.6	2	0.1	0.4	0.7	23	0.03	0.044	15	19	0.5	38	0.028	<1	2.04	0.005	0.03	0.6	0.05	1.6	0.1	<.05	6	0.6	<1	<1	1.6
MF-D 13+50E	1.4	44.1	24.9	68	<.1	31.1	13	239	4.87	53.6	1.1	0.8	7.1	2	0.2	0.5	0.8	20	0.02	0.041	13	24	0.57	35	0.021	1	2.48	0.004	0.03	0.5	0.06	2	0.1	<.05	6	0.8	<1	<1	5.9
MF-D 14+00E	0.7	21.7	15.8	66	0.2	28.6	9.6	222	3.38	18	1.1	<.5	3.9	4	0.1	0.2	0.8	23	0.07	0.029	14	23	0.71	49	0.019	<1	2.45	0.005	0.04	1.3	0.03	1.8	0.1	<.05	6	0.8	<1	<1	2.1
MF-D 14+50E	1.2	26.9	11	39	0.1	14.8	5.7	204	4.59	24	1.6	0.6	3.9	3	0.3	0.3	0.6	44	0.02	0.039	10	20	0.32	27	0.097	<1	2.27	0.008	0.03	0.5	0.07	1.7	0.1	<.05	15	0.9	<1	1	5.9
MF-D 15+00E	0.7	30.5	15.9	76	<.1	27.6	9.8	213	3.66	22.5	0.6	1	7.4	2	0.1	0.3	0.8	15	0.02	0.046	18	24	0.79	24	0.012	<1	1.92	0.002	0.04	2.3	0.03	1.6	0.1	<.05	4	<.5	<1	<1	3
MF-D 15+50E	0.6	28.8	15.3	79	<.1	27.2	9.6	224	3.58	20.6	0.6	1.2	6.6	2	0.1	0.3	0.9	17	0.03	0.047	17	23	0.79	23	0.015	<1	1.9	0.003	0.04	2.7	0.03	1.5	0.1	<.05	4	0.5	<1	<1	2.2
MF-D 16+00E	0.5	21.6	12.3	65	0.1	26.3	8.9	381	3.21	14.4	1	<.5	1.6	4	0.1	0.2	0.6	13	0.03	0.042	13	22	0.81	32	0.01	<1	1.55	0.003	0.03	0.8	0.02	0.9	<.1	<.05	5	<.5	<1	<1	0.3
MF-D 16+50E	0.3	13.7	20.1	57	0.5	22.6	7.4	447	2.74	10.6	0.9	<.5	1.4	8	0.2	0.2	0.6	18	0.08	0.034	14	20	0.71	40	0.018	<1	1.53	0.003	0.03	0.5	0.02	0.9	<.1	<.05	5	<.5	<1	<1	0.1
MF-D 17+00E	0.5	22.6	39.7	108	0.2	35.1	16.2	1427	3.35	13.2	1.7	<.5	2.7	16	0.5	0.2	0.7	21	0.15	0.056	14	19	0.68	78	0.039	1	1.67	0.006	0.05	0.3	0.02	1.5	0.1	<.05	6	<.5	<1	<1	0.3
MF-D 17+50E	0.6	22.3	26.9	54	0.1	24.9	11.7	311	3.4	13	0.9	3.8	2.1	7	0.3	0.3	0.6	17	0.07	0.032	13	20	0.72	30	0.019	1	1.73	0.004	0.03	0.2	0.03	1	<.1	<.05	6	<.5	<1	<1	0.3
MF-D 18+00E	1.5	21.9	38.7	109	0.2	24.1	10.9	507	3.13	14.7	5.2	<.5	1.9	12	0.4	0.2	0.6	20	0.18	0.042	11	13	0.38	28	0.061	1	2.06	0.008	0.03	0.2	0.05	1.5	0.1	<.05	7	0.9	<1	<1	2.4
MF-D 18+50E	0.8	37	111.6	143	0.4	45	22.4	921	3.49	18.6	5.9	0.7	5.1	9	0.5	0.5	0.6	9	0.22	0.072	14	18	0.61	15	0.009	<1	1.55	0.003	0.02	0.2	0.04	1.6	<.1	<.05	3	1	<1	<1	1.4
MF-D 19+00E	0.9	56.5	24.7	54	0.2	38.8	21.3	531	4.09	23.7	3.7	14.4	2.7	4	0.1	0.3	0.6	13	0.06	0.045	16	18	0.61	18	0.027	<1	1.52	0.003	0.04	0.1	0.03	1.3	0.1	<.05	4	0.7	<1	<1	0.4
MF-D 19+50E	0.7	40.6	44.4	58	0.2	31.6	17.7	579	4.04	23.3	2.4	0.8	3.5	3	0.2	0.3	0.5	14	0.07	0.05	18	22	0.63	20	0.018	1	1.83	0.003	0.03	0.2	0.04	1.3	0.1	<.05	5	0.6	<1	<1	0.4
MF-D 20+00E	1	44.3	12.8	34	0.5	18.9	7.8	293	3.95	19.8	1.8	<.5	4.5	3	0.5	0.3	0.5	22	0.03	0.04	17	23	0.41	23	0.038	1	1.81	0.006	0.02	0.1	0.05	1.3	0.1	<.05	10	0.9	<1	<1	2.8
MF-D 20+50E	0.7	30.2	8	58	0.1	29.4	10.3	403	4.23	21.7	1.1	<.5	6.9	2	0.1	0.4	0.6	26	0.01	0.047	21	34	0.78	23	0.014	<1	2.43	0.004	0.02	0.2	0.04	1.8	0.1	<.05	6	0.5	<1	<1	1.1
MF-D 21+00E	1	26.6	7	56	0.1	30.7	10.8	333	4.61	22.1	1	5.1	5.9	2	0.1	0.2	0.5	21	0.01	0.064	18	33	0.77	20	0.014	<1	2.47	0.004	0.02	0.2	0.05	1.9	<.1	<.05	6	0.5	<1	<1	2.9
STANDARD DS7	19.5	119.4	72.9	371	0.8	60.6	10.2	673	2.5	47.9	5.2	64.9	4.9	78	6.3	6	4.6	99	0.98	0.078	14	236	1.04	361	0.142	38	1.11	0.095	0.42	4.1	0.18	2.7	4.1	0.23	5	3.8	1	4	5.3
G-1	1	2.7	2.8	44	<.1	8.9	4.1	540	1.87	0.5	2.7	1.1	4.4	62	<.1	<.1	0.1	36	0.47	0.075	8	108	0.53	198	0.122	1	0.89	0.073	0.49	0.1	<.01	2.1	0.4	<.05	4	<.5	<1	<1	1.5
MF-D 21+50E	0.9	19.9	7.6	34	0.2	12.5	6	232	2.69	10.9	1.3	1.4	4	3	0.1	0.3	0.3	27	0.02	0.061	11	15	0.3	37	0.068	1	3.35	0.011	0.02	0.2	0.09	3	0.1	<.05	9	1.1	<1	1	16.8
MF-D 22+00E	1.6	33.7	11.2	60	0.3	23.4	7.2	223	5.08	13.7	1.3	2.1	8.2	2	0.1	0.4	0.5	22	0.02	0.054	20	32	0.64	27	0.015	1	2.3	0.005	0.03	0.2	0.08	2.1	0.1	<.05	8	0.9	<1	<1	5.3
MF-D 22+50E	1.4	27.5	9.4	61	0.7	28.2	7.1	212	4.73	17.9	1	0.7	7.3	2	0.1	0.5	0.5	22	0.01	0.047	15	32	0.82	37	0.014	<1	2.93	0.004	0.02	0.3	0.07	2.1	0.1	<.05	8	0.8	<1	<1	11.8
MF-D 23+00E	1	27.1	7.8	62	0.2	27.2	9.7	386	5.13	21.9	1.3	1.2	4.9	3	0.2	0.4	0.6	23	0.01	0.071	17	30	0.67	19	0.017	4	2.22	0.004	0.02	0.2	0.07	1.6	0.1	<.05	8	0.6	<1	<1	1.4
MF-D 23+50E	0.7	20.7	9.7	57	0.2	25.6	8.1	276	3.72	14.4	0.9	1.3	5	2	0.2	0.4	0.5	21	0.02	0.032	19	24	0.68	23	0.024	1	1.59	0.005	0.03	0.2	0.04	1.4	0.1	<.05	8	0.5	<1	1	0.5
MF-D 24+00E	0.6	17.3	13.5	32	0.7	13.5	3.8	108	1.67	5.6	1.8	1.3	3.3	4	0.2	0.3	0.5	15	0.02	0.022	16	16	0.41	32	0.048	1	1.73	0.01	0.03	0.1	0.04	1.2	0.1	0.06	9	0.5	<1	1	2.6
MF-D 24+50E	0.5	8.2	17.7	12	0.4	2.7	0.7	24	0.83	4.3	0.5	0.8	0.6	5	0.5	0.7	0.4	16	0.02	0.039	7	6	0.05	22	0.057	1	0.78	0.012	0.03	0.1	0.05	0.5	<.1	<.05	9	0.6	<1	1	3.5
MF-D 25+00E	0.9	16.3	11	28	0.3	11.4	3.6	111	3.6	13.6	1	1.8	6.2	2	0.1	0.5	0.4	23	0.01	0.043	10	22	0.34	22	0.046	1	2.18	0.007	0.02	0.2	0.06	1.7	0.1	<.05	9	0.7	<1	1	16.8
MF-D 25+50E	0.4	4.5	17.8	9	0.4	2.4	0.7	28	1.05	4	0.3	0.9	0.7	4	0.3	0.5	0.4	16	0.02	0.034	5	5	0.04	26	0.06	1	0.53	0.012	0.02	<.1	0.05	0.4	<.1	<.05	8	<.5	<1	1	2
MF-D 26+00E	0.9	11.4	13	22	0.2	7.4	2.1	70	3.45	7.8	1	2.4	3.4	3	0.3	0.6	0.4	29	0.02	0.044	10	18	0.23	24	0.063	1	3.01	0.01	0.02	0.2	0.11	1.9	0.1	<.05	11	0.8	<1	1	18.8
MF-D 26+50E	1.2	37.8	11.3	61	0.4	31.5	9.5	242	5.14	28.7	2.6	<.5	3	5	0.1	0.5	0.6	25	0.15	0.075	19	27	0.74	24	0.019	1	1.95	0.005	0.03	0.3	0.05	1.5	<.1	<.05	9	0.8	<1	<1	0.4
MF-D 27+00E	1	54.8	15	78	0.5	36.7	22.2	1872	3.12	19.3	10.5	0.7	1.2	15	0.7	0.4	0.5	19	0.27	0.114	25	23	0.56	60	0.034	2	2.35	0.012	0.05	0.1	0.1	1.5	0.1	0.09	7	1.3	<1	1	1
MF-D 27+50E	0.9	13.3	11.8	52	0.2	19.2	6.7	199	3.3	15.6	1	1.7	4.2	3	0.1	0.2	0.4	22	0.03	0.022	15	25	0.53	47	0.032	<1	1.94	0.007	0.02	0.3	0.05	1.4	0.1	<.05	9	0.5	<1	1	2.2
MF-D 28+00E	0.6	10.4	11.9	45	0.2	12.4	3.9	298	2.73	9.4	0.6	<.5	3.1	5	0.3	0.4	0.4	24	0.06	0.03	18	15	0.32	51	0.051	1	1.1	0.008	0.02	0.2	0.07	0.9	0.1	0.06	10	<.5	<1	1	1.2
MF-D 28+50E	1	18.7	11.8	61	0.2	22.8	6.9	435	3.53	10.5	1.7	1.8	4.8	4	0.3	0.4	0.5	19	0.05	0.053	17	29	0.73	52	0.027	1	1.95	0.006	0.03	0.3	0.07	1.4	0.1	<.05	7	0.6	<1	<1	0.9
MF-D 29+00E	0.5	6.2	13.6	19	0.1	4.1	1.4	57	0.94	5.2	0.4	1	1.6	6	0.2	0.5	0.5	19	0.08	0.022	15	7	0.11	22	0.05	2	0.5	0.011	0.03	0.1	0.06	0.5	0.1	<.05	9	<.5	<1	1	0.5
MF-D 29+50E	0.8	83.4	20.7	50	0.8	20.7	13	532	2.66	10.7	8	1.6	1	12	0.7	0.4	0.5	20	0.22	0.1	26	17	0.37	39	0.047	2	2.43	0.013	0.05	0.1	0.12	1.5	0.1	0.11	9	1.6	<1	1	1.8
MF-D 30+00E	0.7	17	14.8	30	0.3	10.1	4.6	145	2.13	5.2	0.9	0.7	1.8	3	0.5	0.4	0.4	16	0.02	0.027	14	12	0.3	34	0.037	1	1.34	0.008	0.02	0.1	0.06	0.9	<.1	<.05	9	0.6	<1	1	1.6
MF-D 30+50E	0.4	12.8	20.4	31	0.3	10.5	3.6	155	1.35	3.9	0.8	0.6	0.5	5	0.3	0.3	0.5	11	0.04	0.031	17	13	0.3	36	0.026	1	1.09	0.009	0.03	0.1	0.05	0.6	0.1	<.05	6	<.5	<1	1	0.2
MF-D 31+00E	0.5	20.2	12.2	61	0.2	23.5	8.7	1000	3.27	10.9	0.7	0.7	2.1	2	0.2	0.4	0.5	19	0.02	0.042	19	27	0.61	29	0.018	1	1.4	0.005	0.02	0.2	0.06	1	<.1	<.05	7	<.5	<1	1	0.1
MF-D 31+50E	1.2	77.2	31.3	64	0.6	24.5	27.7	1511	2.93	11.6	9.6	0.8	0.6	11	0.4	0.5	0.5	20	0.21	0.088	31	24	0.49	52	0.025	2	2.22	0.012	0.04	0.2	0.1	1.3	0.1	0.09	7	0.8	<1	1	0.4
MF-D 32+50E	0.8	9.4	24.9	21	0.2	5	2	118	0.81	3.7	1.8	<.5	1.2	4	0.4	0.9	0.5	16	0.03	0.022	9	8	0.12	38	0.076	1	0.74	0.014	0.02	0.1	0.05	0.6	0.1	<.05	9	0.5	<1	1	1.5
MF-D 33+00E	0.7	63.8	20.7	63	0.9	30.5	16.5	750	3.74	15.7	5.2	2.2	1.9	12	0.5	0.3	0.5	24	0.21	0.057	19	25	0.57	42	0.038	1	2.09	0.007	0.03	0.2	0.06	1.8	0.1	<.05	10	0.8	<1	1	1.5
MF-D 33+50E	0.5	12.6	24.1	36	0.5	13.2	4.8	149	1.92	2.9	1.3	2.5	0.7	7	0.4	0.2	0.3	14	0.13	0.034	13	16	0.42	35	0.033	<1	1.53	0.01	0.03	0.1	0.07	0.9	0.1	<.05	8	0.5	<1	1	1
MF-D 34+00E	0.4	11.6	10.6	20	0.3	6	2.3	82	2.09	3.4	1	1.3	1.9	3	0.3	0.2	0.3	17	0.03	0.035	19	12	0.22	28	0.018	1	1.46	0.005	0.03	0.1	0.07	1	0.1	<.05	7	0.8	<1	1	0.7
MF-E 00+00	0.2	2.1	11.4	7	<.1	1.1	0.5	17	0.32	4.2	0.3	0.5	1.6	2	0.2	0.4	0.2	6	0.01	0.008	8	3	0.02	11	0.02	1	0.24	0.003	0.02	0.1	0.01	0.4	0.1	<.05	2	<.5	<1	<1	0.1
MF-E 00+50	0.2	0.7	4.7	2	<.1	0.5	0.2	5	0.22	1.1	0.2	3.4	3.8	1	<.1	0.2	0.1	3	<.01	0.003	11	2	0.01	6	0.016	<1	0.12	0.002	0.01	<.1	<.01	0.2	<.1	<.05	1	<.5	<1	<1	0.2
MF-E 02+50	0.2	1.6	9.9	8	<.1	1.2	1	236	0.38	3	0.5	<.5	0.6	2	0.6	0.4	0.1	4	0.01	0.014	4	2	0.01	16	0.01	<1	0.08	0.001	0.01	0.1	0.01	0.2	<.1	<.05	1	<.5	<1	<1	<.1
MF-E 03+50	0.2	3.3	38.4	12	<.1	2.2	1.3	70	0.59	8	0.5	1.6	1.3	3	0.2	0.7	0.3	3	0.01	0.024	6	3	0.04	11	0.006	1	0.17	0.001	0.02	0.1	0.01	0.2	<.1	<.05	1	0.5	<1	<1	<.1
MF-E 04+00	0.1	0.7	3.9	4	<.1	1	0.6	11	0.24	1.4	0.3	0.6	1.6	3	0.3	0.2	<.1	4	0.01	0.009	4	1	0.01	6	0.006	1	0.05	0.001	0.01	0.1	0.01	0.1	<.1	<.05	1	<.5	<1	<1	<.1
MF-E 04+50	0.4	2.5	8.7	5	<.1	1.7	1	15	1.15	3.5	0.6	<.5	2.2	4	0.2	0.7	0.7	9	0.01	0.015	4	3	0.01	10	0.024	1	0.22	0.002	0.01	0.5	0.02	0.2	<.1	<.05	3	<.5	<1	<1	0.3
MF-E 05+00	0.6	2.3	8.2	5	<.1	1.9	0.9	13	0.6	1.9	0.4	0.9	2.3	3	0.1	0.4	0.2	10	<.01	0.012	4	2	0.02	11	0.019	<1	0.36	0.002	0.01	0.3	0.02	0.3	<.1	<.05	3	<.5	<1	<1	1.1
MF-E 05+50	0.3	2.5	13.5	9	<.1	1.3	0.4	17	0.38	2.4	0.2	43.8	1.8	4	0.2	0.5	0.3	8	0.02	0.014	10	3	0.03	38	0.015	1	0.38	0.005	0.02	<.1	0.02	0.4	0.1	<.05	4	<.5	<1	<1	0.1
MF-E 06+00	1.4	9.4	27.4	34	<.1	5.3	2.8	365	1.56	6.1	0.6	1.2	2.1	5	0.4	1.8	0.5	32	0.03	0.034	6	7	0.1	44	0.088	2	1.14	0.008	0.04	0.4	0.09	1.1	0.2	<.05	8	0.7	<1	1	5.1
MF-E 07+00	0.3	2.7	43.1	13	<.1	1.2	0.6	52	0.31	1.4	0.2	<.5	0.2	3	0.4	1.4	0.4	11	0.03	0.024	5	3	0.02	17	0.031	1	0.2	0.006	0.03	<.1	0.05	0.4	0.1	<.05	3	<.5	<1	1	0.2
RE MF-E 07+00	0.3	3.3	43.3	15	<.1	1.2	0.6	57	0.3	1.8	0.2	<.5	0.2	4	0.4	1.4	0.4	12	0.03	0.023	5	3	0.02	18	0.035	2	0.21	0.007	0.03	<.1	0.04	0.5	0.1	<.05	3	<.5	<1	1	0.2
MF-E 07+50	1.4	10.2	13.8	28	<.1	5.6	2.1	145	1.84	5.2	1	1.9	3.1	4	0.3	1.2	0.4	33	0.02	0.051	6	9	0.14	31	0.097	1	2.06	0.009	0.04	0.3	0.09	1.9	0.1	<.05	9	0.8	<1	1	19.8
STANDARD DS7	20.5	114.5	68	415	0.9	56.5	9.1	616	2.39	53.1	5.1	75	4.6	78	7.4	7	4.7	82	0.96	0.074	13	201	0.98	388	0.12	41	0.9	0.087	0.45	4.4	0.2	2.6	4.6	0.22	5	3.6	1	6	4.9
G-1	0.9	2.8	2.5	39	<.1	7.6	4.2	483	1.7	<.5	2.3	1.7	4	54	<.1	<.1	0.1	35	0.45	0.077	7	102	0.54	171	0.11	1	0.91	0.067	0.44	0.1	<.01	2.1	0.3	<.05	4	<.5	<1	<1	1.7
MF-E 08+00	0.1	1	8.1	3	<.1	0.5	0.3	5	0.1	0.8	0.1	0.9	1.1	1	0.1	0.1	0.1	2	<.01	0.005	4	<1	<.01	5	0.002	1	0.06	0.001	0.01	<.1	0.01	0.1	<.1	<.05	<1	<.5	<1	<1	<.1
MF-E 08+50	0.4	5.4	6.1	13	<.1	3	1.6	46	0.69	2.9	0.6	2.2	2.3	2	0.1	0.5	0.1	12	0.01	0.017	4	3	0.05	19	0.039	1	1.36	0.004	0.01	0.2	0.04	1.4	<.1	<.05	3	<.5	<1	<1	16.6
MF-E 09+00	0.7	9.8	17.3	35	<.1	5.8	3.6	968	1.31	3.6	0.6	1.6	2	5	0.3	0.9	0.3	24	0.04	0.038	4	6	0.08	67	0.082	1	2.34	0.007	0.04	0.2	0.06	1.6	0.1	<.05	8	<.5	<1	<1	15.9
MF-E 10+00	0.9	20.7	25.1	26	0.1	8.6	3.1	148	1.97	8.3	1.4	1.5	3.4	3	0.1	0.4	0.3	24	0.03	0.115	5	10	0.21	28	0.081	<1	3.23	0.009	0.02	0.2	0.08	2.1	0.1	<.05	9	0.7	<1	<1	18.8
MF-E 10+50	0.9	9.1	10.8	14	0.3	4.2	1.4	45	2.43	7.1	1	2.1	3.1	2	0.4	0.8	0.2	26	0.02	0.066	3	10	0.07	18	0.09	<1	4.31	0.009	0.02	0.2	0.15	1.5	<.1	0.08	10	0.6	<1	<1	42.8
MF-E 11+00	0.7	9	12.3	10	0.2	2.6	1	29	1.54	3	0.8	3.1	1.8	2	0.2	0.2	0.3	26	0.01	0.03	5	5	0.05	16	0.101	1	2.25	0.012	0.02	0.1	0.08	1.4	0.1	<.05	11	0.5	<1	<1	19.3
MF-E 11+50	0.4	5.8	7.9	28	<.1	9	2.4	126	1.99	1.8	0.4	<.5	2	2	0.1	0.2	0.2	26	0.01	0.022	10	10	0.36	20	0.021	1	1.49	0.003	0.02	0.1	0.04	1	0.1	0.11	6	<.5	<1	<1	1.9
MF-E 12+00	0.6	26.1	16	9	<.1	3.6	1	27	0.57	3.3	0.6	<.5	0.7	2	0.1	0.3	0.4	11	0.01	0.013	8	4	0.08	20	0.087	<1	0.49	0.012	0.02	0.1	0.02	0.4	0.1	<.05	6	<.5	<1	1	1.4
MF-E 12+50	0.5	30.4	22.6	13	0.1	5	1.4	45	0.55	2.2	1	<.5	0.4	3	0.2	0.3	0.3	9	0.02	0.023	10	5	0.13	30	0.037	<1	0.66	0.009	0.02	0.1	0.05	0.4	0.1	<.05	6	<.5	<1	<1	0.3
MF-E 13+00	0.4	6	7	8	<.1	2.3	1	96	1.33	4.3	0.4	1.4	2.4	2	<.1	0.2	0.3	17	0.01	0.02	8	6	0.07	11	0.037	<1	0.62	0.005	0.02	0.1	0.03	0.5	0.1	<.05	5	<.5	<1	<1	3.1
MF-E 13+50	0.7	8.8	7.7	22	<.1	8.1	2.6	108	1.76	6.6	0.5	1.9	3.4	3	<.1	0.4	0.3	25	0.01	0.042	10	12	0.25	17	0.034	1	1.32	0.003	0.03	0.2	0.03	1.1	0.1	<.05	6	<.5	<1	<1	5.1
MF-E 14+00	0.7	6.7	10.1	21	0.2	6.4	2.5	116	1.83	5.6	0.4	1.1	3.2	2	0.1	0.4	0.4	24	0.01	0.028	7	10	0.18	20	0.043	<1	1.53	0.007	0.02	0.2	0.04	1.2	0.1	<.05	7	<.5	<1	<1	5.9
MF-E 14+50	0.7	8.6	10.4	25	0.1	8	3.1	136	2.46	8.5	0.5	1.4	4.3	3	0.1	0.4	0.3	24	0.02	0.043	7	15	0.19	23	0.041	<1	1.85	0.005	0.02	0.2	0.07	1.4	0.1	<.05	6	<.5	<1	<1	10.8
MF-E 15+00	0.6	7.2	11.1	25	<.1	10.1	3	100	2.66	16.9	0.3	<.5	4.4	2	<.1	0.5	0.3	18	0.01	0.022	12	14	0.34	10	0.011	<1	0.91	0.002	0.02	0.1	0.02	0.7	0.1	<.05	5	<.5	<1	<1	0.9
MF-E 15+50	0.6	9.6	9.2	25	<.1	10.4	3.2	104	2.54	11.1	0.4	0.7	4.1	1	0.1	0.4	0.3	23	0.01	0.028	12	15	0.31	12	0.017	<1	1.32	0.003	0.02	0.1	0.03	1	<.1	<.05	6	<.5	<1	<1	1.8
MF-E 16+00	0.4	15.5	15.2	35	<.1	14.8	4.5	179	2.46	14.2	0.4	1.6	5.3	1	0.1	0.3	0.3	14	0.01	0.026	11	15	0.47	12	0.007	<1	1.13	0.002	0.02	0.1	0.02	0.9	<.1	<.05	4	<.5	<1	<1	0.7
MF-E 16+50	0.2	7.4	3.2	20	<.1	7.7	3.4	43	1.06	0.9	0.1	0.6	3.2	1	<.1	0.2	0.2	11	<.01	0.011	11	6	0.28	16	0.011	<1	0.61	0.002	0.02	0.1	0.01	0.5	0.1	<.05	3	<.5	<1	<1	0.2
MF-E 18+00	1.2	72.9	18	43	0.5	17.1	29.4	1363	1.24	16.8	2.6	1.4	0.6	5	0.6	0.4	0.3	12	0.04	0.067	14	9	0.21	75	0.016	1	1.5	0.005	0.03	0.1	0.05	0.8	0.1	0.06	4	0.6	<1	<1	0.3
MF-E 18+50	0.9	16.3	8.9	43	0.2	22.7	4.9	217	5	39.5	0.6	0.8	6.4	1	0.2	0.6	0.5	31	0.01	0.032	11	35	0.64	13	0.017	<1	1.84	0.003	0.01	0.2	0.06	1.3	<.1	<.05	8	<.5	<1	<1	1.6
MF-E 19+00	0.6	13.2	22.3	19	0.1	8.4	2.6	128	1.99	14.5	0.5	<.5	1.1	2	0.1	0.6	0.4	16	0.02	0.044	10	14	0.24	13	0.009	1	0.9	0.003	0.02	0.1	0.09	0.7	0.1	0.06	6	<.5	<1	<1	0.1
MF-E 19+50	1.5	124.1	8.6	56	<.1	51.2	16.8	398	3.72	42.9	6.8	2.1	11.2	2	0.1	0.8	0.7	13	0.07	0.097	26	33	0.83	9	0.005	1	2.84	0.002	0.02	0.1	0.1	2.4	<.1	0.06	4	1.1	<1	<1	6.2
MF-E 20+00	1.4	65.5	23.2	47	0.3	33.5	11.1	339	5.31	31.6	1.9	0.6	2.8	2	0.9	1.3	0.8	23	0.03	0.059	14	30	0.64	16	0.02	1	1.66	0.005	0.02	0.2	0.07	1.1	<.1	0.08	8	0.8	<1	<1	0.3
MF-E 20+50	1	33	12.8	32	0.3	17.5	4.8	199	4.22	24.3	0.9	1.6	2.7	3	0.3	0.9	0.6	30	0.02	0.048	13	27	0.46	14	0.027	1	1.35	0.006	0.02	0.2	0.08	1	<.1	<.05	9	0.6	<1	<1	0.7
MF-E 21+00	1.2	19	8.8	37	0.4	18.7	5	195	4.72	28.8	0.8	2.2	4.3	3	0.2	0.6	0.7	44	0.01	0.099	13	29	0.52	19	0.034	<1	1.4	0.005	0.02	0.2	0.07	1.1	<.1	<.05	9	0.5	<1	<1	1.3
MF-E 21+50	0.9	22.2	13.5	45	0.2	23.7	7	312	3.29	27.7	0.8	0.8	3	3	0.3	0.5	0.5	22	0.03	0.076	13	27	0.65	29	0.02	1	2.15	0.006	0.02	0.2	0.08	1.4	0.1	<.05	7	0.5	<1	<1	0.9
MF-E 22+50	0.2	2.1	8.2	5	<.1	1.4	0.3	21	0.2	1.1	0.2	0.8	0.7	2	0.1	0.3	0.2	5	0.01	0.012	14	3	0.04	12	0.019	<1	0.31	0.012	0.02	<.1	0.01	0.2	0.1	<.05	5	<.5	<1	<1	0.1
MF-E 23+50	1	15	11.3	18	0.4	5.8	4.3	1108	2.76	13.1	0.8	0.5	2.9	3	0.1	0.3	0.5	27	0.01	0.079	9	15	0.16	26	0.065	1	1.54	0.012	0.01	0.1	0.05	1.2	0.1	<.05	9	<.5	<1	<1	3.8
MF-E 24+00	0.8	15.9	7.1	36	<.1	19.1	5.1	206	3.53	26.5	0.6	<.5	4.7	2	0.1	0.6	0.5	40	0.01	0.045	12	23	0.54	17	0.042	1	1.31	0.004	0.02	0.2	0.02	1.2	<.1	<.05	11	<.5	<1	<1	1.3
MF-E 24+50	0.5	9.6	16.5	33	0.3	13.2	2.8	154	2.06	18.8	0.4	<.5	2.2	3	0.2	0.8	0.4	18	0.01	0.034	14	16	0.41	18	0.017	1	1.12	0.005	0.02	0.1	0.03	0.9	0.1	<.05	6	<.5	<1	<1	0.3
RE MF-E 24+50	0.5	10.2	15.9	33	0.4	14.3	3.1	163	2.18	19.3	0.4	<.5	2.3	3	0.2	0.7	0.4	18	0.02	0.034	14	17	0.44	18	0.018	1	1.19	0.006	0.02	0.2	0.03	0.9	0.1	<.05	7	<.5	<1	<1	0.2
MF-E 25+00	0.9	20	12.6	51	0.1	25.7	7.9	235	3.89	38.3	0.9	1.1	7.6	3	0.1	0.4	0.4	23	0.01	0.055	18	28	0.67	26	0.023	<1	2.39	0.005	0.03	0.2	0.07	1.8	0.1	<.05	7	<.5	<1	<1	4.8
MF-E 25+50	0.9	27.1	9.9	57	0.1	28.6	14.5	1099	3.56	19.2	1.1	<.5	6.5	4	0.1	0.5	0.3	26	0.03	0.057	16	28	0.62	42	0.026	1	2.32	0.007	0.03	0.2	0.07	1.7	0.1	<.05	8	<.5	<1	<1	1.2
MF-E 26+00	0.8	17.2	10.5	57	0.2	22.9	8.4	327	3.37	33.3	0.9	1.4	6.8	3	0.2	0.6	0.4	24	0.03	0.068	10	27	0.58	34	0.033	1	2.6	0.006	0.03	0.2	0.06	1.7	0.1	<.05	8	<.5	<1	<1	5.9
MF-E 26+50	0.6	9	11	51	0.1	18.1	6.2	269	2.86	11.4	0.5	<.5	6.3	3	<.1	0.3	0.4	24	0.01	0.04	19	22	0.54	30	0.027	<1	1.67	0.005	0.03	0.2	0.02	1.2	0.1	<.05	8	<.5	<1	<1	2

MF-E 27+00	0.7	18.1	13.6	72	0.4	25.5	11.7	415	2.85	11.7	1	1.2	6.3	4	0.1	0.4	0.4	22	0.03	0.067	12	21	0.51	58	0.047	1	2.59	0.006	0.04	0.2	0.05	2	0.1	<.05	7	<.5	<1	<1	7
MF-E 27+50	0.7	9.6	15.8	52	0.2	9.7	6	307	2.39	7.4	0.8	<.5	3	5	0.3	0.6	0.4	28	0.07	0.135	5	10	0.13	90	0.142	1	2.97	0.014	0.03	0.3	0.08	1.4	0.1	<.05	12	<.5	<1	1	17.4
MF-E 28+00	0.9	19.3	11.5	55	0.3	19.9	7	341	3.27	36.6	1.1	0.5	3.4	8	0.4	0.3	0.4	25	0.1	0.081	8	20	0.39	77	0.074	1	2.8	0.009	0.03	0.2	0.1	1.5	<.1	<.05	11	<.5	<1	<1	5.3
STANDARD DS7	19.4	111.6	69.4	391	0.8	59.1	9.8	629	2.39	49.4	4.8	60.3	4.5	80	6.4	6.1	4.5	93	0.97	0.076	13	208	1.04	360	0.125	39	1	0.089	0.42	4.2	0.18	2.7	3.9	0.23	5	3.4	1	5	5.6
G-1	0.9	2.3	3.4	44	<.1	8.5	3.9	529	1.87	<.5	2.5	1.3	4.5	73	<.1	<.1	0.1	38	0.53	0.08	9	118	0.58	214	0.129	1	1.13	0.149	0.61	0.1	<.01	5.8	0.4	<.05	5	<.5	<1	1	1.7
MF-F 30+00N	1.3	24.8	36.1	85	<.1	17.5	11.6	459	2.07	9.5	1	0.7	5.8	3	0.2	0.4	0.7	14	0.07	0.04	15	10	0.46	30	0.023	1	0.82	0.003	0.04	2.1	0.01	1.3	0.1	<.05	2	<.5	<1	<1	1
MF-F 29+50N	1.1	14.3	30.3	90	0.4	9.2	12.2	635	3.14	7.7	0.9	2.4	2	6	1.3	0.8	0.5	30	0.07	0.061	9	12	0.16	74	0.086	2	2.14	0.009	0.03	0.6	0.16	1.4	0.1	0.07	12	0.5	<1	1	5.6
MF-F 29+00N	0.6	7.5	10.5	26	<.1	5.4	2.1	63	1.58	5.5	0.4	<.5	2.2	4	0.1	0.3	0.3	26	0.02	0.026	12	8	0.08	37	0.043	1	0.93	0.007	0.02	0.4	0.06	0.9	0.1	<.05	7	<.5	<1	1	1.5
MF-F 28+50N	1.1	8	14.6	28	<.1	4.8	2.3	60	2.37	9.2	0.6	1.1	3.4	6	0.5	0.6	0.5	34	0.03	0.038	11	8	0.1	54	0.064	1	1.09	0.008	0.03	0.4	0.08	0.9	0.1	<.05	10	<.5	<1	1	4.7
MF-F 28+00N	1.8	10.3	13.7	36	<.1	7.3	3.6	88	3.15	8.8	0.4	0.7	4.5	3	0.1	0.6	0.7	30	0.01	0.029	14	11	0.18	24	0.049	1	0.8	0.004	0.03	1.2	0.04	0.9	0.1	<.05	7	<.5	<1	1	1.1
MF-F 27+50N	0.7	3.3	8.7	17	<.1	4.2	1.8	52	1.42	2.3	0.3	<.5	2.1	2	0.1	0.3	0.4	20	0.01	0.015	12	7	0.19	30	0.05	1	0.64	0.01	0.04	0.5	0.02	0.8	0.1	<.05	6	<.5	<1	1	0.4
MF-F 26+50N	0.4	5.2	7.8	12	<.1	2.4	1.4	30	0.53	0.8	0.3	1.2	0.7	4	0.3	0.3	0.2	16	0.02	0.009	10	4	0.02	30	0.027	1	0.3	0.007	0.02	0.2	0.01	0.6	0.1	<.05	4	<.5	<1	1	0.1
MF-F 25+50N	0.6	11.4	37.8	18	<.1	3.3	1.7	37	0.84	3.6	0.4	1.1	1	4	0.5	1	0.4	23	0.02	0.018	9	7	0.05	37	0.03	1	0.7	0.009	0.03	0.2	0.04	0.9	0.1	<.05	5	<.5	<1	1	0.2
MF-F 24+00N	0.7	9.7	14	36	<.1	8.3	3.8	98	1.79	3.6	0.2	1	3	3	0.2	0.8	0.4	24	0.02	0.019	17	7	0.3	34	0.018	1	0.74	0.004	0.03	0.2	0.02	1	0.1	<.05	5	<.5	<1	<1	0.1
MF-F 23+50N	0.6	6.9	4.4	28	<.1	8.1	3.4	58	1.22	3.9	0.2	1.1	2.9	5	0.3	0.3	0.4	17	0.06	0.014	16	8	0.31	57	0.014	1	0.76	0.003	0.03	0.4	0.01	0.9	0.1	<.05	4	<.5	<1	<1	0.1
MF-F 23+00N	1.1	67.6	109.7	48	0.8	29.7	13.1	619	2.3	31.7	4.9	1.5	1.5	13	0.5	0.3	0.8	18	0.27	0.041	19	13	0.42	69	0.028	1	1.9	0.011	0.03	0.2	0.07	1.5	0.1	<.05	6	1.2	<1	<1	0.7
MF-F 22+50N	0.8	15.4	22.7	49	0.2	16.4	5.3	194	3.06	32.8	0.6	0.9	3.6	3	0.2	0.7	0.6	25	0.03	0.029	17	20	0.47	31	0.032	1	1.49	0.006	0.03	0.3	0.05	1.2	0.1	<.05	8	<.5	<1	1	0.6
MF-F 22+00N	1.2	16.9	15	34	0.1	12.6	3.3	141	2.82	20.3	0.7	1.2	4	4	0.3	0.8	0.5	24	0.03	0.043	14	19	0.32	32	0.05	1	1.64	0.009	0.03	0.4	0.05	1.3	0.1	<.05	8	0.5	<1	1	3.5
MF-F 21+50N	0.8	15.8	22.8	61	0.2	22	8	838	2.94	29.7	1.1	0.9	2.5	7	0.5	1.1	0.6	24	0.15	0.05	19	20	0.46	47	0.036	1	1.43	0.007	0.04	0.3	0.06	1.2	0.1	<.05	8	<.5	<1	1	0.5
MF-F 20+50N	1.1	24.3	11.1	41	0.3	27.7	10	147	3.05	86.3	6.9	1.7	5	7	0.4	0.8	0.6	21	0.07	0.026	15	21	0.43	24	0.032	1	1.8	0.009	0.03	0.2	0.05	1.4	0.1	<.05	7	0.6	<1	1	2.1
MF-F 20+00N	0.8	39.9	8.9	55	<.1	34.4	11.7	262	3.55	74.9	2.4	0.8	1.9	6	0.3	1	0.6	18	0.09	0.051	16	27	0.66	29	0.016	1	1.63	0.008	0.03	0.1	0.04	1.1	<.1	<.05	6	<.5	<1	<1	0.2
MF-F 19+00N	0.9	42.6	38	74	0.1	35.1	42.6	1201	4.62	72.7	2.6	4.5	2.9	6	1	2	1.4	19	0.09	0.099	29	31	0.86	35	0.019	<1	2.09	0.005	0.02	0.1	0.09	1.4	<.1	<.05	7	<.5	<1	<1	0.9
MF-F 18+50N	1.2	25.2	25.5	38	0.2	17.5	8.2	299	4.23	38.8	1.4	1.1	4.3	2	0.8	1.3	0.5	24	0.01	0.089	16	23	0.47	13	0.026	1	1.58	0.004	0.02	0.3	0.07	1.2	0.1	<.05	7	0.5	<1	<1	1.2
MF-F 17+00N	0.7	7.9	12.1	19	0.1	5.8	2	92	2.06	8.8	0.9	1.2	3.6	3	0.1	0.5	0.3	23	0.02	0.096	4	12	0.15	20	0.092	1	3.28	0.012	0.02	0.2	0.08	1.6	<.1	<.05	10	<.5	<1	1	34.4
MF-F 16+50N	0.7	13.1	12.8	55	0.1	20.4	7	306	4.14	19.3	0.8	<.5	6.6	3	0.2	0.8	0.4	26	0.01	0.051	15	28	0.62	28	0.038	1	2.9	0.005	0.02	0.2	0.07	1.8	0.1	<.05	9	<.5	<1	1	8.9
MF-F 16+00N	1.1	25.1	18.2	73	<.1	30.4	9.8	438	4.31	28.2	1.3	1.2	7.6	3	0.3	1	0.4	25	0.02	0.078	25	34	0.89	29	0.019	1	2.84	0.006	0.03	0.3	0.07	2.2	0.1	<.05	8	0.6	<1	<1	4.6
MF-F 15+50N	1.1	11	22.2	37	0.3	11.4	3	146	4.36	15.5	0.7	2	4.6	4	0.2	0.7	0.5	45	0.02	0.058	12	23	0.31	28	0.081	1	2.13	0.009	0.03	0.2	0.06	1.7	0.1	<.05	14	0.5	<1	1	10.3
RE MF-F 15+50N	0.9	10.4	21.8	34	0.4	10.3	2.9	140	4.17	14.4	0.6	1.8	4.2	4	0.2	0.6	0.4	41	0.02	0.055	11	21	0.31	27	0.073	1	2.04	0.008	0.03	0.2	0.06	1.3	0.1	<.05	14	<.5	<1	1	8.8
MF-F 15+00N	1.2	17.1	27.9	46	0.2	16.6	8.5	295	3.69	24.9	0.8	2.1	7.1	3	0.2	1.7	0.5	25	0.02	0.074	15	23	0.41	23	0.035	1	2.04	0.006	0.03	0.3	0.09	1.7	0.1	<.05	9	<.5	<1	1	6.3
MF-F 14+50N	1.1	49.1	23.6	49	0.5	20.7	6.3	224	3.79	16.7	0.6	<.5	6.5	2	0.2	0.6	0.5	18	0.02	0.05	19	21	0.41	23	0.016	<1	1.5	0.005	0.03	0.2	0.06	1.2	0.1	<.05	6	<.5	<1	1	2.5
MF-F 14+00N	0.7	17.9	19.2	62	0.2	19.9	8.5	244	3.01	25.7	1	0.6	7	2	0.1	0.4	0.3	12	0.01	0.034	19	16	0.51	35	0.012	1	1.99	0.004	0.03	0.1	0.04	1.7	0.1	<.05	4	<.5	<1	<1	4.7
MF-F 13+50N	0.6	21.2	20.9	51	<.1	20.5	6.1	162	2.61	24.5	0.9	1.1	7.4	2	0.1	0.5	0.3	10	0.01	0.032	17	16	0.46	28	0.009	<1	1.49	0.004	0.04	0.1	0.03	1.4	0.1	<.05	4	<.5	<1	<1	3.3
MF-F 13+00N	0.7	9.9	26.9	55	0.2	13.7	5	141	2.76	25.6	0.5	<.5	5.3	4	0.1	0.9	0.3	22	0.02	0.031	12	16	0.33	36	0.028	1	1.84	0.005	0.04	0.2	0.05	1.5	0.1	<.05	6	<.5	<1	1	5.6
MF-F 12+00N	0.8	5.8	37.1	46	0.2	7.8	5.2	297	2.21	27.9	0.4	0.9	3.3	3	0.1	0.5	0.3	21	0.02	0.03	11	10	0.15	65	0.02	<1	1.35	0.005	0.05	0.2	0.03	1.1	0.1	<.05	6	<.5	<1	1	1.6
MF-F 11+50N	1.1	8.3	95.9	43	0.5	9.3	4.1	120	2.48	62.5	0.4	1.3	4.3	3	0.1	0.9	0.3	23	0.02	0.018	12	11	0.18	38	0.027	1	1.47	0.005	0.05	0.3	0.03	1.2	0.1	<.05	6	<.5	<1	1	4
MF-F 11+00N	0.8	12.8	44.6	49	0.3	15.3	6.3	107	2.5	49	0.7	1.6	5.8	4	0.1	0.5	0.3	18	0.02	0.026	13	12	0.24	47	0.021	1	1.63	0.005	0.05	0.2	0.05	1.5	0.1	<.05	5	<.5	<1	1	7.9
MF-F 10+50N	0.9	13.9	78.9	36	0.5	10.9	4.9	109	2.91	56.2	0.8	1	5.2	2	0.1	1.1	0.3	21	0.01	0.036	10	13	0.18	34	0.03	1	2.39	0.006	0.04	0.2	0.07	1.7	0.1	<.05	7	0.5	<1	1	14.5
MF-F 10+00N	0.6	9.7	204.8	46	1.1	8.7	3.9	80	2.8	67.9	0.7	2.8	4.6	3	0.1	1.1	0.3	19	0.03	0.039	7	12	0.11	39	0.041	1	2.97	0.007	0.04	0.2	0.09	1.7	0.1	<.05	6	<.5	<1	1	24.6
MF-F 09+50N	0.7	11.4	112.9	43	0.4	11.2	5.4	190	2.22	42.6	0.5	1.3	4.2	3	0.1	0.7	0.3	16	0.02	0.024	10	8	0.12	51	0.012	<1	1.16	0.004	0.05	0.2	0.03	1.1	0.1	<.05	5	<.5	<1	1	3.5
MF-F 09+00N	0.5	12.9	50.9	49	0.4	15.2	6.7	214	2.23	27.1	0.5	2.1	5.5	4	0.1	0.5	0.2	12	0.02	0.019	13	10	0.24	39	0.017	<1	1.07	0.003	0.08	0.1	0.02	1.1	0.1	<.05	4	<.5	<1	<1	1.2
MF-F 08+50N	0.6	19.4	82.5	66	0.9	20.6	8.3	354	2.41	42.3	0.9	1.8	6.4	3	0.1	0.9	0.3	11	0.03	0.035	15	10	0.32	43	0.018	<1	1.33	0.004	0.05	0.2	0.04	1.2	0.1	<.05	3	<.5	<1	<1	3.1
MF-F 08+00N	0.7	19.7	69.9	57	0.4	20.5	6.5	121	2.8	42.4	0.7	4.3	6.4	3	0.1	1.1	0.3	12	0.01	0.027	16	11	0.29	28	0.014	<1	1.15	0.002	0.05	0.2	0.03	1.4	0.1	<.05	4	<.5	<1	<1	1.9
STANDARD DS7	19.2	101.1	67.1	374	0.9	51.5	8.7	582	2.28	45.8	4.8	90.4	4.4	74	6.4	6.2	4.4	81	0.91	0.073	13	200	1	370	0.116	37	0.98	0.092	0.41	3.9	0.21	2.6	4.1	0.18	4	3.1	1	5	5
G-1	0.9	2.4	2.9	41	<.1	9	4.1	501	1.84	0.7	2.6	0.8	4.6	56	<.1	<.1	0.1	37	0.44	0.08	7	100	0.55	185	0.113	1	0.91	0.064	0.43	0.1	<.01	2	0.3	<.05	4	<.5	<1	1	1.5
MF-F 07+50N	0.6	7.8	33.9	30	0.2	7.2	2.5	70	2.66	15.8	0.4	1	4.3	2	0.1	0.4	0.3	21	0.01	0.021	10	9	0.15	27	0.036	1	1.16	0.004	0.05	0.1	0.03	0.8	0.1	<.05	6	0.5	<1	1	3
MF-F 07+00N	0.5	10	32.6	34	0.1	9.9	3.8	87	2.31	17.1	0.5	2	4.8	2	0.1	0.6	0.3	18	0.01	0.027	10	13	0.28	33	0.031	1	1.57	0.004	0.06	0.1	0.04	1	0.1	<.05	5	<.5	<1	1	3.3
MF-F 06+50N	0.5	13.7	18.1	42	0.1	14.8	5.4	123	2.51	13	0.6	2.1	5.1	3	0.1	0.3	0.3	14	0.02	0.039	9	11	0.36	37	0.043	1	1.76	0.005	0.07	0.1	0.03	1.3	0.1	<.05	5	<.5	<1	<1	9.3
MF-F 06+00N	0.6	11.4	23.3	43	0.2	16.3	5.4	120	2.94	15.4	0.6	1.9	4.6	3	0.2	0.6	0.2	18	0.02	0.054	7	13	0.34	43	0.043	1	2.38	0.005	0.06	0.2	0.05	1.3	0.1	<.05	6	<.5	<1	1	10.1
MF-F 05+50N	0.6	15.5	28.2	52	0.3	20.7	9.8	306	2.28	15.3	0.6	1.3	4.1	4	0.1	0.3	0.2	18	0.03	0.024	7	13	0.41	60	0.028	1	1.89	0.004	0.09	0.1	0.03	1.2	0.1	<.05	5	<.5	<1	<1	5.4
MF-F 05+00N	0.5	18	48	65	0.3	26.7	12.2	307	2.51	21.2	0.6	1.2	4.9	5	0.2	0.5	0.3	14	0.02	0.024	10	13	0.42	65	0.04	1	1.58	0.004	0.11	0.1	0.03	1.2	0.2	<.05	4	<.5	<1	<1	5
MF-F 04+50N	0.6	16.2	32.7	78	0.3	22.4	9.7	153	2.53	32.4	0.7	1.1	6.7	3	0.2	0.6	0.3	14	0.02	0.037	14	13	0.39	43	0.019	1	1.62	0.005	0.05	0.1	0.04	1.2	0.1	<.05	5	<.5	<1	1	5.4
MF-F 04+00N	0.9	24.3	24.2	72	0.4	27.4	17.1	290	3.65	27.6	1.1	2.1	8.2	4	0.2	0.2	0.4	23	0.03	0.059	14	26	0.55	58	0.027	1	2.71	0.006	0.04	0.1	0.06	1.9	0.1	<.05	9	<.5	<1	1	9.6
MF-F 03+50N	0.6	16.2	10.6	53	0.2	21.4	6.5	276	3.25	24.3	0.7	1.2	6.7	3	0.1	0.3	0.4	19	0.02	0.05	17	23	0.6	36	0.012	1	1.72	0.005	0.03	0.1	0.03	1.4	0.1	<.05	7	<.5	<1	<1	2.4
MF-F 03+00N	0.7	26.5	12.6	46	0.5	18.4	10.2	315	2.51	15	1.5	2.7	7.5	3	0.3	0.7	0.2	16	0.03	0.126	4	20	0.29	37	0.068	1	4.34	0.009	0.02	0.2	0.15	2.5	<.1	<.05	7	0.7	<1	1	37.5
MF-F 02+50N	0.9	25	8.5	57	0.3	30.4	7.1	250	4.07	29.1	0.9	2	8.6	2	0.1	0.4	0.4	15	0.01	0.041	16	28	0.82	26	0.008	<1	1.84	0.003	0.01	0.1	0.04	1.4	<.1	<.05	6	<.5	<1	<1	1.4
MF-F 02+00N	0.7	11.9	15.2	53	0.6	17	5	194	2.69	13.9	0.8	1	2.8	6	0.5	0.5	0.3	16	0.05	0.098	10	19	0.4	57	0.031	1	1.8	0.007	0.02	0.2	0.1	1.1	0.1	<.05	7	0.5	<1	<1	3.1
MF-F 01+50N	0.7	18.3	18.2	35	0.4	14.1	30.4	940	1.87	12.3	1.4	<.5	0.2	11	0.6	0.4	0.3	11	0.1	0.072	12	12	0.29	127	0.006	1	1.04	0.008	0.03	0.1	0.12	0.2	0.1	<.05	5	0.7	<1	<1	0.1
MF-F 01+00N	1.4	79.9	17.7	55	0.3	37.2	22.8	1091	1.67	37.3	11	22.7	0.2	19	0.7	0.2	0.3	7	0.29	0.136	19	12	0.36	98	0.007	2	1.74	0.008	0.03	0.1	0.1	0.3	0.1	0.07	4	1.4	<1	<1	0.3
MF-F 00+50N	1.6	37.3	27.5	45	0.5	17.3	29.7	1513	3.37	68.2	1.8	<.5	1.2	5	0.6	0.9	0.5	16	0.05	0.056	13	14	0.34	78	0.027	1	1.35	0.007	0.03	0.1	0.11	0.8	0.1	<.05	7	0.7	<1	1	0.6
MF-F 00+00	0.9	27.8	26	43	0.6	19.1	14.7	1423	2.05	13.6	1.8	0.5	0.4	9	0.5	0.5	0.4	12	0.17	0.054	15	14	0.44	54	0.018	1	1.37	0.008	0.04	0.1	0.05	0.6	0.1	<.05	6	<.5	<1	1	0.2
RE MF-F 00+00	0.9	26.3	23.2	40	0.6	18.4	13.4	1337	1.92	12.4	1.7	<.5	0.4	9	0.6	0.5	0.4	10	0.16	0.051	14	13	0.41	52	0.016	1	1.28	0.007	0.03	0.1	0.05	0.6	0.1	<.05	5	<.5	<1	<1	0.2
STANDARD DS7	20.3	107.2	75.8	382	0.9	56.2	9.5	614	2.47	48.7	5.4	66.5	5.1	76	6.7	6	4.8	84	0.95	0.081	14	196	1.07	360	0.122	39	1.04	0.088	0.41	4.2	0.22	2.6	4.3	0.2	5	3.3	1	5	5.5

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-A																
MF-A 00+00 N	515920	5492118	1.2	13.6	21	184	0.7	33	11	348	2	6	0.8	<.5	4	10.0
MF-A 00+50 N	515887	5492173	3.4	19.5	13	86	0.2	30	9	210	2	4	0.7	<.5	6	7.0
MF-A 01+00 N	515874	5492218	1.4	62.8	30	122	0.2	108	25	1086	3	7	6.6	<.5	7	11.0
MF-A 01+50 N	515861	5492263	0.6	30.2	5	56	<.1	40	12	324	3	2	0.9	0.9	6	5.0
MF-A 2+00 N	515858	5492313	0.8	32.3	13	103	0.1	66	17	352	3	3	1.4	1.9	6	14.0
MF-A 2+50 N	515854	5492367	0.8	56.0	12	101	<.1	96	21	405	3	4	1.6	17.7	7	7.0
MF-A 3+00 N	515861	5492414	0.7	23.4	14	54	0.2	52	12	339	2	4	1.7	2.2	5	9.0
MF-A 3+50 N	515861	5492467	0.8	67.2	12	56	<.1	93	26	180	2	4	2.7	0.5	7	7.0
MF-A 4+00 N	515874	5492518	0.9	30.8	16	84	<.1	67	19	385	3	5	2.1	1.7	6	10.0
MF-A 4+50 N	515903	5492557	1.6	34.2	21	75	0.1	50	15	687	3	8	2.6	<.5	5	14.0
MF-A 5+00 N	515935	5492589	6.2	64.9	35	90	<.1	84	25	1029	4	17	8.2	0.7	13	14.0
MF-A 5+50 N	515964	5492633	1.1	55.3	8	63	<.1	73	16	359	3	4	2.6	<.5	9	8.0
MF-A 6+00 N	515977	5492681	0.8	28.8	17	105	0.1	60	16	657	3	5	1.5	<.5	5	9.0
MF-A 6+50 N	515988	5492730	1.1	66.6	15	99	<.1	89	23	454	3	5	2.4	5.0	6	11.0
MF-A 7+00 N	516008	5492775	0.8	20.6	11	52	<.1	32	8	204	2	5	1.1	0.5	5	8.0
MF-A 7+50 N	516017	5492825	0.5	8.4	24	115	0.3	22	6	1092	1	6	0.4	1.1	2	13.0
MF-A 8+00 N	516023	5492875	0.6	12.1	12	137	0.4	21	7	685	2	6	0.5	<.5	3	13.0
MF-A 8+50 N	516013	5492921	0.5	9.4	10	92	0.1	20	7	380	2	4	0.9	2.5	5	14.0
MF-A 9+00 N	516019	5492972	0.8	13.5	9	62	<.1	19	8	354	2	2	1	0.9	4	15.0
MF-A 9+50 N	516034	5493015	0.7	7.1	7	58	<.1	13	6	294	2	2	0.8	1.0	4	14.0
MF-A 10+00 N	516028	5493090	0.7	10.3	13	108	0.1	20	8	770	2	4	0.6	2.5	3	14.0
MF-A 10+50 N	516033	5493123	0.6	9.4	12	98	0.2	13	7	747	2	4	0.4	<.5	2	14.0
MF-A 11+00 N	516020	5493168	0.8	12.4	11	67	<.1	19	7	533	2	3	0.8	0.8	4	15.0
MF-A 11+50 N	516004	5493220	0.9	12.8	16	109	0.2	24	12	934	2	5	0.4	2.0	3	17.0
MF-A 12+00 N	515994	5493269	1.0	14.2	10	70	<.1	23	9	376	2	3	0.9	0.7	5	11.0
MF-A 12+50 N	516019	5493307	1.3	13.8	16	131	0.3	23	11	490	2	5	0.9	<.5	4	14.0
MF-A 13+00 N	516060	5493340	1.5	7.9	9	67	<.1	28	15	315	2	3	0.4	<.5	3	8.0
MF-A 13+50 N	516085	5493385	2.2	21.7	11	94	0.1	40	13	319	3	5	1.1	0.7	5	11.0
MF-A 14+00 N	516085	5493433	2.5	23.3	14	96	0.1	45	19	583	3	5	1	1.2	5	12.0
MF-A 14+50 N	516092	5493483	2.2	23.7	13	100	<.1	48	16	543	3	4	1	1.6	5	13.0
MF-A 15+00 N	516102	5493532	3.8	32.7	13	124	0.1	63	20	789	3	4	1.5	0.6	7	12.0
MF-A 15+50 N	516088	5493577	4.5	37.4	10	87	<.1	50	16	446	3	5	1.8	1.8	10	12.0
MF-A 16+00 N	516048	5493593	1.6	17.3	7	69	<.1	33	8	298	2	3	0.9	1.8	5	10.0
MF-A 16+50 N	515994	5493595	0.9	14.9	14	121	0.2	20	9	1547	2	4	0.8	0.9	3	8.0
MF-A 17+00 N	515934	5493600	0.8	11.8	35	69	<.1	18	6	928	2	4	0.6	<.5	2	16.0
MF-A 17+50 N	515903	5493614	2.7	22.6	15	106	<.1	40	12	662	3	5	1	1.3	6	9.0
MF-A 18+00 N	515851	5493642	1.7	24.1	17	107	<.1	41	13	876	2	4	1	0.8	4	16.0
MF-A 18+50 N	515800	5493677	2.6	32.9	8	48	<.1	37	12	256	2	4	1.7	1.5	9	11.0
MF-A 19+00 N	515785	5493617	1.2	21.4	6	28	<.1	21	7	207	2	3	1.2	0.5	6	11.0
MF-A 19+50 N	515765	5493563	1.5	12.7	6	39	<.1	18	8	235	2	2	1	<.5	5	10.0
MF-A 20+00 N	515728	5493580	2.4	27.0	13	66	<.1	43	12	206	2	4	1.4	1.1	6	9.0
MF-A 20+50 N	515679	5493626	1.2	14.4	5	47	<.1	33	9	270	2	4	1	2.3	4	13.0
MF-A 21+00 N	515625	5493670	1.2	49.7	13	197	0.2	134	44	615	3	2	2.7	<.5	6	18.0
MF-A 21+50 N	515623	5493694	1.3	33.7	8	109	<.1	55	17	466	4	1	1.4	1.3	4	16.0
MF-A 22+00 N	515584	5493729	1.1	36.2	13	96	<.1	46	20	717	4	2	1.1	2.2	5	24.0
MF-A 22+50 N	515626	5493756	0.8	28.0	7	69	<.1	40	15	509	3	1	1.2	3.6	6	31.0
MF-B																
MF-B 00+00 E	516740	5494031	13.4	26.5	8	127	<.1	33	10	353	2	4	1.7	1.4	7	16.0
MF-B 00+50 E	516770	5493990	3.6	16.9	5	65	<.1	26	12	322	3	2	0.8	0.8	6	4.0
MF-B 01+00 E	516806	5493963	4.2	12.1	6	83	<.1	28	10	314	2	2	0.5	1.5	5	6.0
MF-B 01+50 E	516820	5493923	3.6	21.2	13	125	0.2	63	14	425	2	3	0.8	<.5	5	21.0
MF-B 02+00 E	516858	5493893	4.9	14.1	13	112	0.3	49	12	180	2	3	0.5	<.5	4	17.0
MF-B 02+50 E	516887	5493856	6.5	19.1	12	913	0.3	67	10	566	2	4	1	<.5	4	18.0
MF-B 03+00 E	516951	5493853	3.3	15.8	15	605	0.3	66	13	870	2	3	0.9	1.2	4	27.0
MF-B 03+50 E	516977	5493857	5.1	16.7	18	647	0.3	68	12	937	2	2	1.1	0.6	4	27.0
MF-B 04+00 E	517017	5493857	32.3	32.1	12	98	<.1	36	14	364	3	2	2	0.7	9	11.0
MF-B 04+50 E	517068	5493836	12.9	34.0	18	193	0.2	43	14	379	3	3	1.2	<.5	8	12.0
MF-B 05+00 E	517121	5493819	8.3	24.0	15	123	0.1	28	12	418	2	3	1.3	<.5	6	14.0
MF-B 05+50 E	517124	5493776	5.8	23.8	13	280	0.3	51	12	520	2	2	1.1	1.0	6	14.0
MF-B 06+00 E	517160	5493739	9.1	29.8	12	116	0.1	28	10	426	2	2	1.4	<.5	6	14.0
MF-B 06+50 E	517195	5493696	5.1	39.1	13	149	<.1	40	14	539	2	1	1.5	<.5	7	21.0
MF-B 07+00 E	517244	5493693	1.2	27.7	13	86	0.1	44	18	656	3	3	0.9	2.1	7	13.0
MF-B 07+50 E	517273	5493689	1.7	33.5	14	106	0.2	60	19	537	3	5	0.9	<.5	5	11.0
MF-B 08+00 E	517333	5493664	0.8	21.8	7	85	<.1	26	14	454	3	1	0.8	<.5	9	25.0
MF-B 08+50 E	517382	5493654	0.9	24.0	19	145	0.2	62	17	590	3	4	0.5	<.5	6	15.0
MF-B 09+00 E	517422	5493636	1.4	25.7	13	71	<.1	33	13	448	3	4	0.9	8.3	4	10.0
MF-B 09+50 E	517474	5493652	1.2	29.3	15	85	0.1	39	14	480	3	5	0.8	1.1	5	9.0
MF-B 10+00 E	517515	5493608	1.0	22.4	13	116	0.4	45	13	385	2	4	0.9	<.5	4	11.0
MF-B 10+50 E	517560	5493607	0.9	23.9	14	74	<.1	30	13	517	2	6	0.6	0.7	7	10.0
MF-B 11+00 E	517605	5493613	1.3	26.2	14	114	<.1	40	16	266	3	8	0.7	<.5	7	9.0
MF-B 11+50 E	517647	5493627	0.5	21.5	33	192	0.3	30	12	896	2	10	1.3	1.5	2	39.0
MF-B 12+00 E	517707	5493613	0.9	20.4	45	101	0.2	46	14	1879	3	11	0.7	14.2	4	44.0
MF-B 12+50 E	517691	5493579	0.9	21.4	30	99	<.1	53	16	694	3	14	1	1.8	7	17.0
MF-Cn																
00+00																
MF-C 00+50 N	517288	5494222	1	18.5	10.6	191	0.2	37.0	8	805	1.88	1	1	1.1	4.4	14
MF-C 01+00 N	517264	5494276	0.6	7.9	11.4	289	0.2	23.3	6	1650	1.4	1	0	<.5	2.8	22
MF-C 01+50 N	517264	5494317	0.9	17.9	8.8	113	0.2	28.7	7	896	1.89	3	1	<.5	4.7	14
MF-C 02+00 N	517278	5494357	1.2	18.9	13.2	259	0.5	24.8	6	1013	1.7	2	1	<.5	4.0	18
MF-C 02+50 N	517271	5494398	0.5	10.9	15.1	321	0.4	29.5	10	1506	1.82	1	0	1.3	2.4	27
MF-C 03+00 N	517279	5494441	0.6	17.8	11.4	100	0.3	30.8	10	605	2.04	2	1	1.5	4.0	21
MF-C 03+50 N	517310	5494523	1.1	21.0	19.0	166	0.3	46.0	18	1011	2.38	1	1	0.7	3.6	23
MF-C 04+00 N	517352	5494545	1.6	16.8	22.7	247	0.2	67.6	13	891	2.67	3	1	1.8	3.0	46
MF-C 04+50 N	517354	5494606	6.2	81.9	27.7	185	0.3	106.2	31	305	4.9	1	1	1.1	5.7	64
MF-C 05+00 N	517360	5494644	1	20.5	12.8	124	<.1	40.6	14	292	2.58	3	1	9	4.1	19

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-C 05+50 N	517409	5494674	0.8	18.9	16.8	166	0.2	55.7	14	383	2.79	2	1	0.8	3.8	24
MF-C 06+00 N	517410	5494702	1.6	27.2	18.4	141	0.3	36.3	12	477	3.43	3	1	0.9	4.1	22
MF-C 06+50 N	517459	5494736	1.7	18.4	17.5	100	0.3	36.3	10	208	2.57	3	1	0.7	4.0	22
MF-C 07+00 N	517521	5494772	1.1	18.8	13.5	152	0.2	37.4	15	456	2.85	7	1	<.5	4.6	23
MF-C 07+50 N	517559	5494783	1.5	15.1	11.7	135	0.2	43.9	15	471	2.66	2	1	0.6	3.0	30
MF-C 08+00 N	517604	5494791	2.6	27.0	15.5	130	0.3	49.8	15	401	3.29	8	1	1.1	3.6	30
MF-C 08+50 N	517636	5494828	0.6	12.1	13.2	99	<.1	23.3	14	403	2.39	10	1	<.5	4.8	30
MF-C 09+00 N	517638	5494847	2.8	47.6	18.4	83	0.3	54.1	17	626	5.54	4	2	0.7	6.6	41
MF-C 09+50 N	517655	5494877	3	69.6	18.5	58	0.2	42.3	12	262	6.49	3	2	0.5	12.9	47
MF-C 10+00 N	517679	5494910	3.8	47.2	13.5	109	0.2	83.7	25	370	4.2	2	1	0.7	6.0	46
MF-C 10+50 N	517703	5494959	1.2	34.7	12.0	147	0.1	80.7	22	689	3.55	3	1	15.7	5.6	33
MF-C 11+00 N	517721	5494989	1.4	23.8	13.1	147	0.2	58.8	24	415	3.4	3	1	1	4.5	45
MF-C 11+50 N	517749	5495018	1.7	52.0	19.6	65	<.1	41.6	19	387	4.3	11	2	1.7	13.3	14
MF-C 12+00 N	517779	5495047	1	25.9	12.1	142	0.6	55.3	31	579	3.51	5	1	0.9	4.5	39
MF-C 12+50 N	517794	5495078	1.1	39.7	16.0	203	0.2	141.2	47	698	4.38	6	1	<.5	5.4	77
MF-C 13+00 N	517783	5495108	1.5	88.2	26.2	222	0.3	183.4	74	824	4.98	6	2	<.5	8.2	89
MF-C 13+50 N	517756	5495138	2.2	56.7	23.0	150	0.2	126.6	42	561	4.49	2	2	1.1	7.8	47
MF-C 14+00 N	517756	5495188	1.1	22.0	16.5	171	<.1	54.5	33	1343	3.03	5	1	<.5	4.3	55
MF-C 14+50 N	517727	5495228	0.9	19.6	37.2	89	0.2	35.7	15	529	2.67	10	1	2	4.5	49
MF-C 15+00 N	517698	5495246	0.8	18.1	15.0	180	0.2	71.7	22	826	2.68	4	1	0.6	3.7	34
MF-C 15+50 N	517664	5495293	0.7	12.1	11.8	79	0.2	38.7	14	659	2.61	4	1	<.5	5.3	46
MF-C 16+00 N	517642	5495314	0.4	12.3	12.8	67	0.2	38.9	14	621	2.27	10	1	1.4	4.4	43
MF-C 16+50 N	517617	5495346	0.6	14.6	12.2	61	0.1	46.1	15	418	2.92	9	1	0.9	5.3	23
MF-C 17+00 N	517576	5495377	0.8	38.2	14.0	103	<.1	66.0	23	846	3.93	5	2	<.5	9.4	37
MF-C 17+50 N	517539	5495412	0.4	7.8	16.6	64	<.1	33.6	18	658	2.45	3	1	<.5	6.0	22
MF-C 18+00 N	517506	5495448	0.6	8.5	10.7	109	<.1	46.0	28	891	2.47	3	1	<.5	4.7	28
MF-C 18+50 N	517474	5495489	0.7	10.5	11.6	68	0.1	48.4	20	510	2.47	2	1	1.3	4.5	26
MF-C 19+00 N	517445	5495530	0.6	14.3	12.4	80	0.2	63.1	17	508	2.94	4	1	1.3	4.5	28
MF-C 19+50 N	517448	5495583	1	15.6	15.9	109	0.2	52.9	16	645	3.13	3	1	0.8	4.5	37
MF-C 20+00 N	517458	5495646	1.4	13.0	13.2	77	0.1	31.0	9	415	3.18	2	1	1.3	4.4	18
MF-Cs																
MF-C 00+00 S	517307	5494177	0.6	14.3	9.6	224	0.2	36.6	8	648	1.77	1	1	<.5	4.1	25
MF-C 00+50 S	517352	5494130	0.8	20.3	10.1	164	0.2	89.6	10	633	1.92	2	1	<.5	4.2	20
MF-C 01+00 S	517391	5494130	3.4	27.2	93.8	184	0.6	61.6	18	1233	2.53	1	1	<.5	5.6	18
MF-C 01+50 S	517436	5494138	2	27.1	21.3	329	0.5	56.4	18	3090	2.52	3	1	0.7	4.9	95
MF-C 02+00 S	517465	5494101	1.4	16.0	18.4	361	0.2	80.0	21	1192	2.32	2	1	0.7	4.7	28
MF-C 02+50 S	517472	5494064	1.4	26.7	14.9	151	0.4	148.9	18	591	2.81	2	1	1	6.9	19
MF-C 03+00 S	517487	5494003	0.6	21.5	10.6	86	0.5	71.8	10	419	2.17	6	1	<.5	5.1	24
MF-C 03+50 S	517543	5494013	1.1	17.3	9.7	93	0.1	34.8	10	379	2.22	3	1	<.5	4.4	10
MF-C 04+00 S	517608	5494015	1.8	38.7	67.8	157	0.2	85.0	48	784	2.83	4	1	<.5	7.5	33
MF-C 04+50 S	517628	5493988	2.1	43.1	34.4	157	0.4	106.5	67	1194	3.37	4	1	<.5	6.3	23
MF-C 05+00 S	517669	5493958	0.7	30.2	14.8	117	0.1	61.0	25	795	3.09	3	1	<.5	6.3	21
MF-C 05+50 S	517709	5493927	0.7	21.8	16.0	164	0.3	79.5	28	568	2.54	3	1	<.5	4.7	33
MF-C 06+00 S	517724	5493919	1.1	18.0	13.6	79	<.1	37.1	14	299	2.58	3	1	<.5	4.3	19
MF-C 06+50 S	517750	5493911	0.8	15.2	13.3	123	0.3	100.3	20	462	2.49	6	1	0.6	4.5	25
MF-C 07+00 S	517801	5493892	0.8	24.6	12.0	122	0.2	79.4	19	332	2.41	5	1	<.5	6.3	21
MF-C 07+50 S	517853	5493890	0.5	21.5	9.4	96	<.1	56.0	22	438	2.68	15	1	<.5	5.9	21
MF-C 08+00 S	517903	5493885	0.5	12.6	10.4	119	0.1	74.8	18	343	2.43	10	0	0.7	5.0	18
MF-C 08+50 S	517943	5493873	1	24.7	31.1	106	0.1	104.0	23	508	3.1	14	1	<.5	6.0	25
MF-C 09+00 S	517990	5493847	0.6	24.7	10.0	70	0.1	30.9	11	411	2.9	11	1	<.5	6.0	30
MF-C 09+50 S	518043	5493827	0.5	16.7	13.6	91	<.1	57.5	17	365	2.68	12	1	<.5	5.7	21
MF-C 10+00 S	518082	5493809	0.5	20.1	17.0	95	0.1	47.6	13	614	2.66	9	1	0.7	3.8	30
MF-C 10+50 S	518112	5493791	0.6	28.5	17.3	77	<.1	73.0	19	361	3.17	9	1	<.5	5.6	13
MF-C 11+00 S	518146	5493779	0.7	49.7	26.8	104	<.1	141.5	24	341	3.37	17	1	2.5	6.2	9
MF-C 11+50 S	518183	5493756	0.5	10.3	12.6	98	<.1	45.6	16	423	2.51	11	0	0.8	4.9	12
MF-C 12+00 S	518216	5493729	1.1	26.2	20.1	93	<.1	77.3	39	592	3	9	1	<.5	3.7	11
MF-C 12+50 S	518236	5493712	1.6	62.2	31.6	103	0.1	134.4	77	804	3.99	26	3	1.2	7.6	16
MF-C 13+00 S	518261	5493692	1.4	40.1	24.8	134	0.1	78.9	22	473	3.17	15	1	1	6.8	14
MF-C 13+50 S	518298	5493673	0.5	17.4	16.6	104	0.1	83.7	19	244	3.01	11	1	0.8	6.5	13
MF-C 14+50 S	518336	5493655	1.1	26.6	34.9	107	0.2	46.9	27	1467	3.4	17	1	1.3	3.9	16
MF-D																
MF-D 00+00 S	517132	5495600	0.7	11.4	9.9	114	<.1	81.7	13	579	2.4	2	1	2.3	5.1	33
MF-D 00+50 S	517147	5495535	0.6	15.6	7.9	124	<.1	62.3	13	741	2.7	2	1	<.5	5.5	42
MF-D 01+00 S	517163	5495477	1.2	15.7	7.7	107	<.1	52.2	14	631	2.75	2	1	<.5	7.0	20
MF-D 01+50 S	517170	5495417	1	16.4	7.3	97	<.1	69.3	15	413	2.98	2	1	2	6.9	33
MF-D 02+00 S	517183	5495367	0.9	12.3	9.9	102	0.1	80.5	20	507	2.38	3	1	3.2	5.2	27
MF-D 02+50 S	517204	5495307	0.6	11.9	10.3	94	<.1	64.1	18	666	2.27	2	1	<.5	5.5	29
MF-D 03+00 S	517246	5495248	0.8	28.3	10.8	95	<.1	53.6	24	826	3.54	9	1	3.5	5.4	31
MF-D 03+50 S	517298	5495190	0.5	11.0	13.0	84	0.1	73.9	20	767	2.66	8	1	1.1	5.3	46
MF-D 04+00 S	517362	5495134	0.5	13.7	11.4	76	0.1	37.7	14	528	2.56	4	1	1.6	5.8	8
MF-E																
MF-E 00+00 S	517709	5493581	0.6	37.1	26.5	92	0.4	73.0	24	893	3.18	13	3	0.7	2.1	18
MF-E 00+50 S	517670	5493566	0.6	15.9	22.5	87	0.2	23.5	12	315	3.01	16	1	2.6	5.3	8
MF-E 01+00 S	517640	5493553	0.7	23.1	14.7	68	0.1	37.8	12	617	2.97	8	1	<.5	6.2	7
MF-E 01+50 S	517607	5493535	0.7	18.5	9.8	71	<.1	46.8	13	306	3.04	6	1	1.2	6.3	15
MF-E 02+00 S	517549	5493520	0.5	19.9	6.9	77	<.1	35.9	14	444	3.11	4	1	<.5	4.9	11
MF-E 02+50 S	517489	5493521	0.7	17.9	12.4	58	<.1	23.4	7	325	2.68	5	1	<.5	5.4	9
MF-E 03+00 S	517479	5493503	0.7	15.4	8.2	87	0.1	30.0	12	321	2.66	4	1	<.5	5.7	9
MF-E 03+50 S	517414	5493494	0.5	7.3	10.5	85	0.3	19.6	11	226	1.95	3	1	1.2	4.5	15
MF-E 04+00 S	517375	5493493	0.7	21.6	13.3	80	0.3	83.8	15	387	2.88	3	2	<.5	7.5	29
MF-E 04+50 S	517317	5493481	0.7	19.2	9.6	109	0.3	41.3	15	505	2.46	2	1	<.5	6.1	19
MF-E 05+00 S	517294	5493506	0.5	13.7	8.5	171	0.2	47.8	12	1153	1.97	3	1	<.5	4.6	11
MF-E 05+50 S	517236	5493494	1.4	36.0	11.4	143	0.1	56.2	16	820	3.09	3	2	<.5	8.9	19
MF-E 06+00 S	517188	5493473	6	32.3	9.9	98	0.1	80.2	16	5662	4.71	3	2	<.5	8.5	28
MF-E 06+50 S	517126	5493482	3.1	18.5	13.3	132	0.1	36.7	7	9269	3.77	5	1	<.5	2.9	51
MF-E 07+00 S	517088	5493432	2.3	9.8	12.9	353	0.1	33.4	9	1289	2	2	1	0.9	4.2	23

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-E 07+50 S	517059	5493396	1.4	10.5	12.8	485	0.3	39.9	8	1832	1.73	2	1	<.5	3.4	35
MF-E 08+00 S	517028	5493357	4.1	9.6	31.3	619	0.3	37.7	10	1080	2.18	3	1	<.5	5.0	31
MF-E 08+50 S	516988	5493321	4.3	18.2	7.6	105	<.1	27.8	9	588	2.07	2	1	<.5	4.6	14
MF-E 09+00 S	516961	5493260	4	31.5	15.8	254	0.2	39.3	13	1036	2.27	3	1	<.5	4.6	23
MF-E 09+50 S	516952	5493203	1.7	8.8	29.3	187	0.3	18.5	12	820	1.48	3	0	<.5	2.9	10
MF-E 10+00 S	516924	5493139	3.6	9.4	7.6	124	0.1	30.1	9	537	1.76	1	0	0.6	4.2	13
MF-E 10+50 S	516906	5493102	3.5	25.3	11.8	114	0.2	38.7	12	344	2.07	2	1	<.5	4.7	14
MF-E 11+00 S	516876	5493062	2.7	35.1	13.9	115	<.1	36.3	12	612	1.99	2	1	<.5	4.2	14
MF-E 11+50 S	516847	5493022	2.2	13.9	11.0	84	0.1	33.4	7	293	1.68	3	1	<.5	4.4	22
MF-E 12+00 S	516821	5492979	1.7	14.8	10.1	102	<.1	29.0	8	384	1.7	2	0	<.5	3.7	14
MF-E 12+50 S	516777	5492938	2.9	20.5	11.1	94	<.1	23.4	8	265	1.86	2	1	2.3	4.4	15
MF-E 13+00 S	516758	5492899	2.5	10.4	10.7	123	<.1	18.0	6	1478	1.67	5	1	<.5	2.8	18
MF-E 13+50 S	516733	5492856	1.6	10.3	11.8	99	0.1	19.6	5	743	1.52	3	1	<.5	2.8	20
MF-E 14+00 S	516725	5492815	2.4	23.5	9.6	82	0.1	21.3	7	229	1.92	2	1	0.5	4.1	12
MF-E 14+50 S	516708	5492784	2.3	9.2	12.3	153	0.1	20.0	6	1271	1.54	3	0	<.5	2.9	12
MF-E 15+00 S	516691	5492763														
MF-E 15+50 S	516676	5492710	3	13.2	10.7	119	<.1	34.4	8	358	1.97	3	1	1.2	4.9	7
MF-E 16+00 S	516639	5492652	4	13.8	9.8	75	<.1	35.0	9	204	1.98	3	1	<.5	4.5	9
MF-E 16+50 S	516639	5492609	2.8	16.3	10.1	100	0.2	44.4	10	226	1.95	3	1	<.5	4.5	14
MF-E 17+00 S	516622	5492566	1.6	14.2	13.7	94	0.5	51.3	9	343	1.89	4	1	0.8	3.8	17
MF-E 17+50 S	516596	5492530	2.4	18.3	13.8	122	0.2	51.0	9	354	1.99	6	0	<.5	3.6	11
MF-E 18+00 S	516596	5492508	3.9	26.5	9.0	53	<.1	32.2	11	214	2.37	7	1	2.3	6.4	5
MF-E 18+50 S	516613	5492470	1.3	9.4	12.3	146	<.1	21.4	8	801	1.71	2	0	<.5	3.4	16
MF-E 19+00 S	516694	5492417	6.1	19.9	24.5	143	0.3	32.3	11	438	3.06	8	1	<.5	6.6	14
538	517392	5495120	3.9	34.2	19.6	105	0.2	52.2	17	535	4.32	6	5	<.1	14.6	127
539	517352	5495091	2.5	64.4	22.5	88	0.1	54.3	18	886	5.04	12	8	<.1	22.1	123
540	517307	5495068	2.1	24.4	17.7	79	0.1	35.3	10	421	4.04	6	2	<.1	11.5	120
541	517255	5495040	0.6	20.3	16.3	85	0.1	33.3	9	407	3.58	5	2	<.1	13.2	139
542	517208	5495011	0.5	25.9	18.2	137	0.3	41.5	13	481	3.81	6	2	<.1	13.2	148
543	517170	5494963	0.6	34.2	19.0	87	0.1	40.2	11	372	4.15	11	2	<.1	15.9	116
544	517129	5494927	1.6	27.1	16.9	95	0.1	40.0	13	423	4.1	7	2	<.1	13.2	121
545	517082	5494900	2.1	22.9	16.8	102	0.2	31.0	12	396	3.38	6	2	<.1	12.1	138
546	517044	5494860	5	29.3	14.9	104	<.1	43.4	15	388	4.21	4	2	<.1	13.6	104
547	517018	5494816	1.5	33.6	17.4	75	0.1	38.7	12	410	3.7	9	3	<.1	15.7	110
548	516974	5494764	5.9	29.9	19.1	96	0.1	48.6	15	436	4.37	8	2	<.1	13.1	134
549	516944	5494719	12	46.0	17.1	121	0.1	52.6	15	404	4.22	8	2	<.1	15.6	128
550	516923	5494771	13.7	40.8	17.7	137	0.1	47.4	14	404	4.16	6	2	<.1	12.8	121
551	516913	5494826	12.9	31.5	14.2	105	<.1	39.4	12	385	3.66	6	2	<.1	13.4	95
552	516945	5494874	2.2	29.3	17.9	74	0.1	34.6	9	336	3.74	10	2	<.1	14.1	119
553	516971	5494931	7.2	46.8	15.7	63	<.1	42.2	11	370	3.24	10	3	<.1	17.7	91
554	516973	5494971	6.7	61.0	20.1	122	0.1	69.2	30	868	4.13	9	3	<.1	15.8	132
555	516925	5494951	42.7	119.1	20.8	162	0.2	92.3	19	372	4.12	7	4	<.1	17.5	143
556	516883	5494914	6.4	37.1	15.0	78	<.1	45.8	14	404	3.71	4	2	<.1	13.5	87
557	516853	5494867	17.1	34.1	14.9	70	<.1	35.4	10	366	3.58	4	2	<.1	13.6	85
558	516827	5494824	44.5	39.6	13.8	97	0.1	47.1	14	531	3.39	3	2	<.1	11.9	84
559	516795	5494770	11.3	44.8	20.2	85	0.1	44.4	13	412	4.73	19	3	<.1	17.4	109
560	516775	5494727	12.8	35.7	13.6	90	<.1	68.9	13	498	3.18	6	2	<.1	15.2	91
561	516756	5494672	385.5	67.4	18.4	193	<.1	63.0	12	567	9.72	3	2	<.1	24.5	60
562	516748	5494616	19.4	20.7	11.2	54	<.1	25.1	8	380	2.77	2	1	<.1	12.3	70
563	516726	5494565	17.8	45.1	10.3	57	<.1	33.9	9	365	3.27	3	1	<.1	11.7	63
564	516701	5494490	17.3	15.8	9.1	66	<.1	30.5	6	310	2.23	2	2	<.1	10.2	64
565	516687	5494431	51.5	46.6	11.9	82	<.1	38.0	10	364	3.39	3	2	<.1	12.9	68
566	516684	5494365	13.8	27.1	11.9	79	<.1	36.0	9	381	3.13	3	2	<.1	12.1	60
567	516677	5494308	11.3	53.9	12.6	182	0.1	94.6	11	442	3.39	4	2	<.1	10.9	81
569	516692	5494197	15.6	14.9	9.3	66	<.1	29.2	7	314	2.57	2	4	<.1	9.0	66
570	516703	5494170	7.7	27.7	19.7	76	<.1	36.5	12	411	3.52	6	2	<.1	15.5	109
571	516726	5494100	10	33.7	15.1	67	<.1	34.7	9	362	3.43	6	2	<.1	15.5	111
572	516691	5494069	4.1	18.6	14.4	65	<.1	35.1	11	452	3.15	5	2	<.1	14.4	176
573	516660	5494119	10.2	21.0	13.7	73	<.1	29.3	9	410	3.3	4	2	<.1	12.8	105
574	516637	5494159	6.1	36.0	13.5	107	<.1	52.1	12	473	3.42	4	4	<.1	13.4	99
575	516614	5494214	15.5	78.1	16.2	308	<.1	148.0	18	558	4.47	4	6	<.1	15.6	105
576	516595	5494269	7.1	23.7	11.7	80	<.1	34.6	9	367	3.11	3	2	<.1	9.5	83
577	516568	5494322	5.3	44.9	12.5	145	<.1	103.5	16	525	3.27	4	3	<.1	10.2	160
578	516552	5494376	1.1	25.6	14.6	59	<.1	31.3	10	366	3.48	6	2	<.1	11.5	110
578	516680	5494244	19.5	35.0	12.6	92	<.1	37.2	8	370	3.16	4	4	<.1	13.4	90
684	521042	5494005	1.50	27.2	36.1	114	1.00	29.3	15	595	3.89	14	2	<.1	9.6	168
685	521048	5493954	2.80	57.2	26.6	164	0.70	49.4	19	577	5.22	56	2	<.1	13.6	161
686	521058	5493899	1.40	38.8	24.5	150	0.40	40.9	17	611	4.42	39	3	<.1	13.1	165
687	521062	5493852	2.60	91.2	53.3	114	0.20	65.6	28	624	7.06	87	3	<.1	17.1	94
688	521056	5493819	1.80	48.4	55.4	80	0.10	37.7	18	332	4.30	35	2	<.1	18.3	56
689	521075	5493734	1.80	52.5	36.2	86	0.10	39.4	19	404	4.64	35	3	<.1	17.3	72
690	521059	5493694	2.20	60.8	51.1	80	0.20	46.3	21	375	5.63	56	3	<.1	21.2	59
691	521059	5493641	1.80	37.9	24.1	88	0.30	43.2	15	567	4.15	27	3	<.1	13.3	142
692	521053	5493578	0.70	40.0	26.1	70	0.10	35.7	13	361	3.99	27	2	<.1	17.8	59
693	521033	5493503	1.10	20.2	18.6	91	0.30	27.7	11	369	3.89	21	2	<.1	14.5	80
694	521059	5493430	1.70	50.9	39.4	97	0.20	44.6	17	663	4.99	42	2	<.1	17.3	82
695	521066	5493367	1.80	53.6	30.3	140	0.50	73.4	18	752	5.12	35	3	<.1	15.2	107
696	521067	5493329	0.60	40.6	26.4	70	<.1	36.7	16	461	3.84	22	2	<.1	21.7	61
697	521070	5493290	1.60	35.5	29.0	102	0.20	31.3	14	621	4.98	34	2	<.1	16.4	105
698	521079	5493243	1.40	43.5	28.0	87	0.30	30.0	13	452	4.85	38	2	<.1	15.3	96
699	521092	5493188	0.30	29.3	24.7	79	<.1	31.8	11	389	4.21	16	2	<.1	12.2	71
700	521116	5493142	1.00	42.7	35.8	82	0.30	46.0	23	832	5.12	46	4	<.1	16.5	104
701	521128	5493100	1.70	54.4	35.7	88	0.20	51.0	21	660	5.81	78	5	<.1	20.2	92
702	521135	5493049	1.50	48.1	32.2	108	0.60	30.2	13	814	5.33	26	4	<.1	13.7	216
703	521137	5493001	0.60	41.1	19.5	65	0.10	41.0	12	372	3.56	20	4	<.1	17.1	74

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
704	521142	5492948	0.70	40.7	26.3	86	<.1	34.8	16	484	4.17	21	2	<.1	17.4	72
705	521159	5492912	0.50	23.9	28.6	89	0.10	33.6	11	383	3.96	17	2	<.1	16.3	75
706	521191	5492877	0.80	40.3	29.5	88	0.30	35.2	18	691	4.62	28	3	<.1	18.1	98
707	521220	5492846	0.60	28.9	23.8	72	0.20	29.9	12	447	4.01	13	2	<.1	13.5	89
708	521258	5492809	0.80	31.5	30.5	74	0.10	30.4	13	455	4.70	24	2	<.1	18.0	86
709	521293	5492772	0.70	31.7	25.5	79	0.20	34.8	14	546	4.32	22	2	<.1	14.2	101
710	521321	5492733	1.50	53.4	33.0	85	0.10	50.1	19	618	4.56	35	3	<.1	19.0	76
711	521332	5492684	1.40	56.9	66.4	74	0.40	43.1	12	279	3.49	23	14	<.1	19.2	131
712	521365	5492649	1.40	29.9	43.4	78	0.80	22.9	15	585	4.67	36	2	<.1	13.7	95
742	523371	5491571	0.40	28.3	29.1	113	<.1	38.8	17	640	4.98	6	1	<.1	20.3	100
743	523310	5491637	0.50	25.5	30.1	100	<.1	31.4	14	392	4.94	9	1	<.1	16.2	94
744	523347	5491802	0.90	16.5	19.8	74	0.10	19.3	8	337	4.41	6	1	<.1	13.1	115
745	523403	5491881	0.80	19.1	53.5	116	0.10	21.0	12	836	5.37	5	3	<.1	23.0	101
746	523437	5491927	0.80	20.5	23.1	117	0.10	24.3	12	372	4.15	7	2	<.1	14.1	98
747	523438	5491982	0.80	24.4	23.3	96	<.1	31.2	14	419	5.08	6	1	<.1	16.6	89
748	523441	5492068	0.40	21.0	15.9	78	<.1	29.6	10	303	4.17	3	2	<.1	20.2	72
749	523434	5492184	0.20	12.0	17.6	81	<.1	30.0	9	372	4.08	2	1	<.1	14.0	72
750	523406	5492240	0.70	28.1	23.6	97	<.1	31.5	14	537	4.91	5	1	<.1	17.5	90
751	523345	5492287	0.60	22.1	25.4	115	<.1	32.0	13	431	4.88	5	1	<.1	14.0	99
752	523296	5492330	0.70	16.1	23.9	102	0.10	25.2	11	352	4.12	5	2	<.1	17.9	85
753	523254	5492357	1.40	52.6	21.2	173	0.20	34.2	18	902	4.31	6	4	<.1	21.5	117
754	523209	5492379	0.50	24.5	22.9	112	0.10	38.6	14	428	4.54	5	2	<.1	16.5	99
755	523169	5492396	0.30	22.4	20.6	85	0.10	29.8	13	711	3.99	5	2	<.1	21.9	82
756	523130	5492430	0.30	20.8	18.3	73	<.1	26.2	12	399	3.60	5	1	<.1	17.5	67
757	523107	5492474	0.50	18.6	21.6	94	0.10	29.5	13	454	3.96	5	1	<.1	15.5	80
758	523070	5492509	0.40	21.5	23.0	112	<.1	38.1	14	439	4.69	4	1	<.1	15.3	91
759	523021	5492526	1.10	19.3	22.4	118	0.10	23.2	12	500	4.01	6	1	<.1	13.0	91
760	522976	5492549	1.00	22.8	23.2	198	0.30	20.1	14	634	3.46	5	2	<.1	13.6	168
761	522922	5492549	0.70	12.9	63.2	83	0.20	14.3	7	2730	3.67	16	2	<.1	17.6	86
762	522871	5492544	1.80	20.3	17.7	63	0.10	21.1	9	585	4.22	11	2	<.1	13.8	80
763	522814	5492543	3.00	26.9	21.8	76	0.20	18.1	13	1564	3.82	8	3	<.1	11.7	140
764	522765	5492550	1.80	24.5	19.4	52	0.20	11.5	5	362	2.76	5	3	<.1	8.3	198
765	522709	5492546	1.70	16.3	27.1	74	0.20	10.8	7	1019	4.04	6	2	<.1	11.1	159
766	522669	5492553	2.00	14.5	18.9	79	0.20	13.8	7	300	4.22	7	2	<.1	10.7	104
767	522606	5492575	1.40	16.3	20.3	79	0.10	11.3	7	356	3.48	6	2	<.1	11.1	142
768	522559	5492595	1.30	19.0	18.3	112	0.10	14.4	9	358	3.44	4	2	<.1	14.0	78
769	522520	5492611	1.40	20.7	19.4	140	0.10	19.6	10	316	3.43	6	2	<.1	14.0	86
770	522468	5492631	1.10	19.6	15.8	52	<.1	16.4	8	238	2.56	5	3	<.1	15.0	34
771	522408	5492643	3.00	62.5	38.2	62	0.10	16.2	18	721	3.41	25	7	<.1	14.8	206
772	522366	5492500	0.60	22.2	16.6	68	<.1	20.2	9	401	2.84	7	1	<.1	14.6	55
773	522338	5492554	1.30	14.1	16.8	85	0.30	15.0	8	387	4.25	12	2	<.1	12.2	94
774	522313	5492599	1.30	67.0	20.6	75	<.1	40.8	17	410	4.15	47	4	<.1	17.0	60
775	522288	5492641	1.70	30.7	23.5	109	0.60	17.6	9	484	5.23	12	2	<.1	11.8	174
776	522254	5492676	1.20	55.7	20.3	67	0.10	34.7	17	591	3.64	29	3	<.1	16.7	71
777	522211	5492707	1.10	26.5	17.6	126	0.20	57.2	12	357	3.56	21	3	<.1	12.6	98
778	522172	5492747	1.40	15.9	17.5	73	0.30	9.5	5	296	3.28	7	2	<.1	10.8	150
779	522132	5492774	1.10	36.0	23.6	106	0.20	32.1	16	532	4.24	15	2	<.1	15.7	134
780	522089	5492798	0.40	51.8	23.9	69	<.1	28.1	16	650	3.09	7	2	<.1	17.9	48
781	522038	5492806	1.60	37.3	18.7	77	0.20	15.3	11	453	3.24	15	3	<.1	9.8	238
782	521988	5492818	0.40	15.7	18.5	67	0.10	32.8	13	385	3.45	25	2	<.1	13.6	81
783	521936	5492829	0.60	20.9	18.6	81	0.10	28.1	10	413	3.66	14	2	<.1	13.9	89
784	521884	5492841	0.60	33.6	18.9	78	0.20	38.6	13	377	4.00	42	2	<.1	14.4	80
785	521835	5492866	0.50	45.5	24.5	91	0.10	49.7	14	436	4.53	28	2	<.1	15.2	98
786	521791	5492890	0.80	68.3	25.6	162	0.30	113.0	24	481	4.74	69	4	<.1	14.0	111
787	521755	5492928	0.90	39.5	29.7	95	0.40	33.9	12	449	4.06	40	2	<.1	15.7	122
788	521674	5492973	0.70	20.5	24.1	76	0.30	24.6	8	436	4.04	36	2	<.1	13.6	133
789	521793	5492725	1.60	33.7	23.4	77	0.10	34.7	16	649	3.56	63	3	<.1	15.8	70
790	521739	5492767	0.60	25.9	15.6	69	0.20	37.2	8	283	3.22	24	2	<.1	12.3	76
791	521689	5492784	0.40	28.7	20.9	64	0.10	28.8	10	319	3.63	29	2	<.1	18.1	72
792	521650	5492823	0.50	29.5	19.4	72	0.10	29.1	13	427	3.40	28	2	<.1	15.9	66
793	521616	5492857	0.60	30.9	21.0	68	<.1	31.4	12	340	3.77	40	2	<.1	17.6	74
794	521577	5492897	0.70	36.5	25.9	73	0.10	28.0	8	296	3.88	44	3	<.1	17.9	98
795	521543	5492932	0.80	28.6	25.2	62	0.20	25.3	9	249	3.48	33	2	<.1	16.7	90
796	521513	5492975	0.70	43.3	32.9	95	0.10	48.2	12	373	4.75	38	2	<.1	8.7	132
797	521504	5493029	0.40	27.2	23.4	58	0.10	35.8	14	388	2.99	15	2	<.1	17.2	55
798	521476	5493077	0.50	28.8	24.5	65	<.1	31.4	13	347	3.34	20	2	<.1	21.8	63
799	521456	5493122	0.70	35.1	28.0	79	0.10	34.7	12	302	3.80	24	2	<.1	17.7	71
800	521438	5493182	0.50	26.2	22.4	78	0.10	27.4	10	359	3.65	12	2	<.1	13.2	82
801	521422	5493233	0.40	23.8	31.8	87	0.30	33.2	13	586	3.34	17	2	<.1	14.5	104
802	521408	5493291	0.50	27.1	20.9	63	<.1	26.4	9	265	3.16	17	2	<.1	18.9	63
803	521364	5493359	0.50	20.9	19.6	66	<.1	24.7	8	219	3.08	18	2	<.1	19.8	57
804	521368	5493405	1.20	30.4	20.0	76	0.40	19.3	12	340	3.16	10	2	<.1	8.7	198
805	521353	5493465	0.50	21.0	20.2	98	<.1	30.2	11	423	4.71	7	1	<.1	7.3	66
806	521353	5493519	0.50	16.4	19.2	100	<.1	33.5	10	440	4.81	10	2	<.1	7.6	64
807	521362	5493573	0.40	24.8	21.6	78	0.10	30.0	11	314	3.72	13	2	<.1	18.8	61
808	521367	5493595	0.40	19.0	17.8	82	<.1	26.7	10	328	3.66	10	2	<.1	14.6	55
809	521397	5493661	0.40	19.8	19.8	62	<.1	21.3	8	214	3.22	16	2	<.1	19.1	62
810	521429	5493697	0.50	18.4	16.8	67	<.1	18.8	7	165	3.41	12	2	<.1	18.9	53
811	521477	5493723	0.50	30.4	19.6	67	<.1	27.2	11	173	3.66	16	2	<.1	17.3	53
812	521532	5493722	0.40	30.5	19.8	60	<.1	25.1	9	257	3.33	27	2	<.1	16.1	51
813	521043	5494064	0.70	35.6	24.1	84	<.1	38.5	14	463	4.17	16	1	<.1	16.0	78
814	521038	5494127	1.70	72.2	35.7	87	0.30	52.6	20	353	5.38	46	2	<.1	17.9	70
815	521036	5494181	0.40	31.2	30.4	80	<.1	33.8	12	408	3.43	16	2	<.1	16.0	71
816	521040	5494232	2.20	45.5	28.3	135	0.20	44.9	15	236	4.56	39	2	<.1	13.3	106
817	521049	5494289	2.80	74.9	22.5	85	0.10	50.7	17	691	4.09	13	3	<.1	14.3	92
818	521046	5494342	0.30	28.3	23.0	87	0.10	34.8	11	339	3.53	12	2	<.1	19.4	60

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
819	521041	5494391	0.40	25.6	17.6	77	<.1	29.5	7	284	3.79	10	2	<.1	17.3	68
820	521025	5494435	0.50	34.8	45.2	87	0.30	40.2	11	630	3.51	21	2	<.1	15.7	91
821	521006	5494488	0.20	25.3	28.1	60	<.1	23.6	9	375	3.21	13	2	<.1	19.7	57
822	520994	5494542	0.20	26.2	23.7	67	<.1	32.0	12	416	3.36	14	2	<.1	16.8	66
823	520990	5494587	0.30	20.5	24.1	65	<.1	28.1	12	358	3.38	15	2	<.1	17.1	58
824	520969	5494634	0.40	21.6	17.4	105	0.10	40.7	14	478	4.26	8	2	<.1	15.0	97
825	520961	5494685	1.20	34.5	26.1	97	0.20	42.4	17	517	4.64	6	2	<.1	13.4	112
826	520959	5494735	0.70	30.0	22.8	90	0.20	40.0	15	405	4.02	9	2	<.1	13.3	107
827	520955	5494786	0.50	24.0	24.2	68	0.10	26.1	10	347	3.26	14	2	<.1	18.3	69
828	520976	5494833	0.30	26.2	20.9	50	<.1	27.3	11	341	2.70	14	2	<.1	17.4	49
829	520063	5492359	1.00	48.8	111.5	230	0.80	57.9	20	845	4.60	43	11	<.1	16.0	178
830	520072	5492414	0.40	41.6	24.2	86	0.10	37.2	14	391	3.96	12	3	<.1	19.0	100
831	520097	5492456	0.60	68.6	32.1	119	0.20	56.3	24	459	5.01	13	3	<.1	13.1	113
832	520126	5492502	0.50	47.5	26.3	100	0.10	46.0	16	472	4.72	10	3	<.1	13.5	106
833	520147	5492543	0.30	36.3	25.2	101	0.10	45.8	14	423	4.69	8	2	<.1	12.1	103
834	520181	5492585	0.70	63.9	29.1	119	0.10	60.8	20	633	5.45	11	3	<.1	18.1	118
835	520213	5492628	0.40	60.9	26.8	111	0.10	61.1	24	605	5.24	13	3	<.1	16.9	106
836	520249	5492666	1.10	70.1	37.0	114	0.20	52.7	17	498	5.85	14	3	<.1	15.0	108
837	520278	5492720	0.40	89.6	32.2	127	0.10	77.5	21	473	6.14	16	3	<.1	13.1	104
838	520303	5492764	0.20	62.0	27.6	109	0.10	54.2	16	444	5.12	15	3	<.1	18.7	85
839	520341	5492805	0.60	114.0	28.3	117	0.10	66.1	23	699	5.26	16	5	<.1	18.4	100
840	520371	5492841	0.50	43.3	23.7	88	0.10	48.0	13	395	4.15	11	2	<.1	17.5	87
841	520396	5492905	0.30	39.2	22.4	90	0.10	43.7	12	340	4.26	11	3	<.1	17.7	82
842	520405	5492950	0.40	43.3	22.8	102	0.10	48.4	15	521	4.97	10	2	<.1	14.2	84
843	520384	5493000	0.30	39.0	22.3	90	0.10	40.4	13	373	4.31	9	2	<.1	17.5	77
844	520363	5493052	0.90	29.1	24.3	64	0.10	20.9	7	294	4.23	9	2	<.1	11.1	128
845	520332	5493091	0.50	37.1	23.9	82	0.10	35.2	11	361	4.86	10	2	<.1	18.8	83
846	520301	5493126	0.80	51.3	25.9	86	0.10	38.6	12	508	5.29	14	3	<.1	17.0	95
847	520266	5493178	0.40	55.8	23.8	95	0.10	44.0	11	366	4.83	12	2	<.1	15.8	82
848	520251	5493240	0.60	35.4	22.0	84	0.10	34.8	11	316	4.33	11	2	<.1	13.8	100
849	520215	5493290	0.50	30.7	24.7	93	0.10	37.8	11	350	4.53	11	2	<.1	14.3	111
850	520194	5493332	0.40	29.0	24.3	92	0.10	40.8	10	269	4.75	9	2	<.1	13.2	82
851	520171	5493376	1.00	64.6	33.1	117	0.10	63.8	14	720	5.75	15	3	<.1	15.7	104
852	520132	5493438	0.40	48.0	25.5	100	0.10	49.9	13	339	4.96	11	2	<.1	16.9	97
853	520114	5493466	0.60	21.9	25.5	81	0.10	29.9	9	332	4.79	12	2	<.1	13.4	97
854	520078	5493505	1.70	27.6	17.3	52	0.30	7.8	5	399	3.15	6	3	<.1	7.1	249
855	520056	5493550	2.00	27.6	27.9	75	0.40	20.5	7	304	7.71	16	2	<.1	12.9	116
856	520049	5493602	0.50	48.1	26.4	96	0.30	45.3	11	446	4.73	21	2	<.1	12.6	111
857	520004	5493605	0.50	55.9	31.4	92	0.20	44.4	18	510	4.18	19	3	<.1	17.2	103
858	519967	5493633	1.00	44.3	28.7	89	0.20	36.4	12	475	4.77	14	2	<.1	14.8	123
859	519926	5493664	0.60	43.3	27.1	85	0.10	42.2	11	461	4.58	12	3	<.1	16.0	108
860	519915	5493707	1.00	34.3	31.9	102	0.60	30.0	11	359	4.81	12	2	<.1	15.0	153
861	519907	5493767	0.70	61.8	37.9	98	0.20	44.5	14	454	4.79	20	2	<.1	19.6	113
862	519889	5493816	0.40	47.1	39.7	102	0.10	46.7	13	437	4.33	17	2	<.1	17.3	108
863	519882	5493865	0.40	49.7	41.5	106	0.10	49.5	13	457	4.76	13	2	<.1	14.8	110
864	519906	5493915	0.90	31.7	28.3	87	0.20	35.4	11	416	4.33	10	2	<.1	11.8	173
865	519917	5493962	1.30	33.1	23.9	83	0.30	22.3	9	390	3.85	10	3	<.1	11.8	199
866	519927	5494007	0.30	29.8	27.6	93	0.10	42.0	11	358	4.15	9	2	<.1	12.8	111
867	519904	5494055	0.70	30.7	27.0	94	0.10	42.2	12	357	4.09	8	2	<.1	15.4	108
868	519901	5494105	1.50	26.8	20.1	52	0.30	7.4	5	373	2.84	6	2	<.1	7.0	253
869	519909	5494156	1.20	29.4	23.3	76	0.30	23.3	8	330	4.73	11	2	<.1	12.4	155
870	519901	5494213	1.60	23.8	20.2	56	0.60	11.3	5	297	4.09	10	2	<.1	8.6	181
871	519895	5494261	1.60	25.7	16.3	45	0.70	6.1	4	284	3.71	7	2	<.1	8.1	186
872	519896	5494313	0.40	43.2	23.0	84	0.10	47.5	13	351	4.21	12	2	<.1	15.8	107
873	519890	5494362	0.90	29.3	22.9	71	0.10	28.1	9	308	4.06	10	2	<.1	14.1	123
874	519887	5494406	0.50	39.7	22.9	95	0.10	46.6	13	381	4.69	12	2	<.1	15.2	113
875	519884	5494458	0.70	53.9	27.9	115	0.10	58.3	19	451	5.25	13	2	<.1	14.3	136
876	519871	5494505	0.90	21.6	30.5	79	0.30	22.3	9	364	4.19	11	2	<.1	10.3	154
877	519860	5494555	0.70	17.7	24.8	75	0.20	25.8	8	337	3.91	10	2	<.1	13.8	123
878	519844	5494604	0.60	44.2	24.9	74	0.10	42.4	16	422	4.17	29	2	<.1	16.4	110
879	519825	5494660	0.60	33.9	24.9	95	0.10	37.7	11	381	4.36	13	2	<.1	14.5	133
880	519808	5494708	0.50	79.4	26.9	81	0.10	52.0	18	515	4.48	39	3	<.1	19.9	122
881	519787	5494762	0.90	25.0	24.3	78	0.20	27.2	9	338	4.87	13	2	<.1	14.0	137
882	519770	5494811	0.90	33.2	23.0	78	0.30	32.5	9	319	4.29	14	2	<.1	11.6	148
883	519755	5494863	0.50	35.7	27.5	92	0.10	46.5	17	527	4.13	18	2	<.1	16.1	125
884	519749	5494915	0.50	49.5	30.6	70	0.10	43.8	15	302	3.37	17	3	<.1	20.4	117
885	519732	5494972	0.90	23.7	24.7	113	0.30	33.3	13	398	4.61	17	2	<.1	13.0	142
886	519724	5495022	0.50	24.0	24.1	97	0.10	36.6	12	453	4.30	12	2	<.1	13.8	141
887	519715	5495077	0.90	25.1	26.3	86	0.20	28.1	10	511	4.60	15	2	<.1	12.0	147
888	519719	5495122	1.00	34.9	23.2	93	0.30	29.9	12	454	4.37	13	2	<.1	13.8	184
889	519706	5495175	1.50	17.6	36.7	65	0.40	11.5	6	378	3.35	10	2	<.1	10.2	205
890	519678	5495220	1.70	29.5	17.9	55	0.60	9.1	7	460	3.36	8	3	<.1	8.1	224
891	519656	5495264	1.20	27.0	31.2	75	0.40	21.7	8	537	4.01	17	2	<.1	10.9	190
892	516531	5494438	2.2	10.4	11.1	60	0.1	25.8	9	332	2.47	3	1	<.1	10.0	114
892	519648	5495324	1.30	23.8	30.4	74	0.30	17.9	7	501	3.82	15	2	<.1	10.5	194
893	516515	5494490	6.6	22.2	11.3	125	0.1	54.9	11	381	2.73	4	2	<.1	12.3	101
894	516513	5494547	5.2	23.6	15.4	68	<.1	35.0	10	347	3.34	7	2	<.1	12.9	111
895	516510	5494598	2.2	22.0	18.7	114	0.1	41.8	9	356	3.84	8	2	<.1	12.2	143
896	516502	5494652	5	26.2	17.0	106	0.1	48.2	11	368	3.79	7	2	<.1	12.7	118
897	516507	5494707	3.9	30.2	19.9	160	0.1	54.5	13	405	3.94	7	2	<.1	13.3	147
898	516500	5494773	7.7	24.5	17.0	123	0.1	55.0	11	413	3.79	5	2	<.1	11.3	165
899	516500	5494845	7.2	28.8	18.5	165	0.1	52.2	10	406	4.09	8	2	<.1	13.0	133
900	516512	5494929	3.6	22.4	17.6	146	0.1	45.4	11	375	3.87	6	2	<.1	10.8	144
901	516508	5494981	6.6	37.0	19.3	163	0.1	50.8	10	401	4.01	8	3	<.1	16.4	141
902	516513	5495038	2.8	27.5	16.7	111	0.1	49.2	10	390	3.75	6	2	<.1	14.1	119
903	516491	5495081	1	26.1	18.1	106	0.1	51.2	11	418	4.15	5	2	<.1	13.2	126

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
904	516470	5495035	1.7	23.7	27.5	89	0.1	35.4	11	387	3.67	7	2	<.1	11.7	122
905	516446	5494993	1.9	19.8	17.4	119	0.1	38.3	11	359	3.79	6	2	<.1	11.4	137
906	516406	5494948	1.2	24.5	18.9	105	0.1	36.5	12	424	3.75	6	2	<.1	12.3	135
907	516375	5494912	2.5	22.8	17.2	94	0.1	40.0	11	370	3.47	5	2	<.1	12.8	144
908	516346	5494856	4.3	29.9	17.0	205	0.2	50.5	11	386	3.34	5	2	<.1	12.2	143
909	516318	5494807	7.6	31.5	19.2	121	0.1	66.3	12	429	3.92	6	2	<.1	12.9	153
910	516282	5494819	2.5	9.3	16.2	75	<.1	15.0	6	318	2.31	4	2	<.1	9.9	321
911	516289	5494878	7.3	26.3	18.1	156	0.1	37.9	10	372	3.47	5	2	<.1	13.7	157
912	516276	5494919	3.1	22.2	18.1	111	0.2	28.3	10	352	3.23	5	2	<.1	11.0	170
913	516297	5494983	5.8	21.0	15.5	70	0.1	31.3	8	329	3.2	5	2	<.1	12.9	139
914	516320	5495044	1.8	16.0	17.9	210	0.2	25.5	10	377	2.93	4	2	<.1	10.7	212
915	516341	5495109	3.4	33.4	18.3	89	0.1	51.3	13	377	3.87	5	2	<.1	12.0	139
916	516356	5495162	5.1	24.1	17.1	76	<.1	39.0	11	382	3.96	5	3	<.1	12.6	125
917	516367	5495216	2.6	20.0	18.2	72	0.1	32.1	11	352	3.68	6	2	<.1	10.9	118
918	516379	5495262	2.7	20.9	18.8	165	0.3	29.4	11	501	3.3	6	2	<.1	11.2	164
919	516375	5495309	6.2	61.2	20.6	117	0.2	82.5	20	450	4.82	5	5	<.1	16.4	147
920	516384	5495381	7.1	55.3	22.1	108	0.2	83.7	32	843	4.92	6	5	<.1	15.7	135
921	516398	5495436	0.8	17.3	15.2	71	0.1	26.7	11	329	3.05	4	2	<.1	13.2	134
922	516399	5495491	1.4	21.7	20.3	171	0.7	41.8	15	428	3.25	7	2	<.1	9.5	194
923	516399	5495553	2.6	26.2	18.8	176	0.4	48.0	16	367	3.45	6	2	<.1	9.9	172
924	516269	5494928	19.5	18.6	75.3	91	0.1	10.5	5	539	2.73	7	10	<.1	19.9	381
925	516256	5494883	4.5	13.5	16.7	81	<.1	23.8	7	320	2.52	5	3	<.1	10.9	272
926	516250	5494836	1.8	18.2	16.6	129	0.2	25.2	10	316	2.86	5	2	<.1	11.5	184
927	516245	5494802	6.4	24.5	15.5	145	0.1	28.5	10	374	2.96	6	2	<.1	12.1	128
928	516238	5494745	9.2	14.0	19.2	258	0.2	22.8	8	366	2.57	4	4	<.1	11.4	278
929	516252	5494700	13	12.7	14.7	95	<.1	14.4	5	280	2.1	3	3	<.1	11.2	284
930	516240	5494656	7.1	15.0	17.0	367	0.1	37.1	9	319	2.97	4	2	<.1	12.9	205
931	516232	5494598	3.4	15.0	16.6	280	0.2	22.8	10	379	2.86	5	2	<.1	12.7	211
932	516230	5494548	15.7	21.4	23.4	317	0.1	38.6	12	516	4.41	6	2	<.1	12.9	233
933	516224	5494497	9.3	39.7	16.5	77	<.1	31.1	10	422	3.39	7	4	<.1	17.9	133
934	516235	5494441	34.3	32.5	24.0	564	0.6	67.8	11	567	3.24	5	7	<.1	12.4	208
935	516246	5494396	10.9	22.3	28.2	228	0.7	36.2	11	351	3.24	7	3	<.1	13.7	249
936	516252	5494375	33	27.8	21.8	166	0.1	36.1	12	435	4.05	7	3	<.1	14.9	122
967	516908	5494616	87	27.7	26.5	68	0.1	23.7	7	278	3.66	4	3	<.1	13.6	243
968	516919	5494594	14.7	26.2	22.2	255	1	63.8	26	649	3.48	5	3	<.1	11.1	174
969	516913	5494531	10.1	31.1	18.4	278	1.4	75.1	24	634	3.36	5	2	<.1	9.6	200
970	516922	5494494	9.6	26.8	20.4	186	1.5	53.3	19	532	3.68	4	2	<.1	8.1	208
971	516932	5494460	18.7	35.4	19.9	137	1	39.7	13	432	3.9	4	2	<.1	11.0	175
972	516948	5494427	7.6	26.1	15.8	109	0.1	45.9	14	464	4.09	3	2	<.1	12.6	100
973	516960	5494363	22.6	36.7	17.2	129	0.4	69.2	25	708	4.07	3	2	<.1	11.8	134
974	516976	5494319	59.5	28.8	21.2	122	0.5	42.4	18	454	3.55	3	2	<.1	10.8	151
975	516983	5494271	392	37.7	79.2	145	0.9	22.5	8	413	4.9	4	6	<.1	19.6	318
976	516990	5494238	150.2	51.1	140.0	242	2.2	40.0	15	650	5.11	5	10	<.1	15.1	175
977	516996	5494176	38.9	38.6	40.6	148	0.4	31.2	13	673	3.85	4	5	<.1	12.5	177
978	516993	5494124	24.9	68.5	36.9	536	0.9	78.9	16	979	4.36	4	4	<.1	11.5	264
979	517035	5494098	2.7	52.8	23.7	711	1.1	66.9	15	709	3.6	4	3	<.1	10.0	312
980	517067	5494055	27.4	75.4	60.5	643	1.7	95.7	14	887	3.84	5	4	<.1	11.0	229
981	517072	5494019	25.8	44.9	23.2	246	0.3	51.3	13	669	4.4	3	3	<.1	12.6	145
982	517095	5493970	50.3	80.1	26.1	515	0.7	95.2	15	739	4.06	3	6	<.1	12.4	145
983	516276	5494209	12	29.2	22.9	120	0.2	47.4	16	565	3.92	9	3	<.1	14.6	141
984	516273	5494258	10.1	28.3	20.0	218	0.4	51.4	13	559	3.39	7	3	<.1	12.3	199
985	516260	5494290	51.4	31.4	19.5	102	0.2	37.1	10	463	3.5	5	6	<.1	13.1	178
986	515645	5494174	7.8	36.7	21.3	87	0.1	39.1	13	539	4.16	9	3	<.1	14.3	137
987	515688	5494163	5.8	35.5	24.4	90	0.2	38.7	14	437	3.93	10	2	<.1	12.8	121
988	515726	5494136	8	30.6	19.6	75	0.1	31.8	11	403	3.4	8	2	<.1	13.7	114
989	515764	5494120	6.5	30.2	19.9	81	0.1	34.8	15	535	3.57	9	3	<.1	15.5	145
990	515803	5494099	7.3	33.7	22.9	78	0.1	37.4	13	379	3.62	7	3	<.1	14.9	122
991	515769	5494102	6.8	27.9	18.7	73	0.1	29.8	12	477	3.52	9	2	<.1	15.2	121
992	515725	5494115	6	25.9	18.7	65	0.1	27.3	11	422	3.27	10	2	<.1	15.3	114
993	515686	5494105	6.2	29.5	20.6	84	0.1	34.6	13	494	3.67	10	2	<.1	14.9	143
994	515654	5494068	5.3	28.5	20.1	74	0.1	29.9	13	454	3.38	9	2	<.1	14.8	124
995	515622	5494031	2.3	26.8	17.0	61	<.1	26.8	13	548	3.28	6	2	<.1	12.9	166
996	515609	5493998	1.8	22.1	17.0	58	<.1	23.9	11	464	3.19	7	2	<.1	14.7	189
997	515603	5493940	2	21.8	15.9	59	<.1	24.5	11	435	2.98	7	3	<.1	13.4	184
998	515608	5493896	0.6	17.1	12.2	39	<.1	17.7	8	396	2.41	5	3	<.1	11.6	183
999	515611	5493840	1.4	23.0	14.4	63	0.1	31.3	12	493	3.19	5	2	<.1	10.3	183
1000	515649	5493783	1.1	46.0	20.8	108	0.1	55.8	22	1247	5.46	2	2	<.1	12.0	240
MF-A 00+00 2007	516782	5495626	0.9	14.5	7.6	95	0.1	41.3	12.2	525	2.63	2.8	0.6	<.5	5.7	13
MF-A 00+50E	516803	5495674	0.6	9.2	16.2	123	0.3	59.4	10	443	1.94	3.6	0.8	<.5	4.1	25
MF-A 01+00E	516810	5495724	0.6	12.3	13.9	133	0.2	33.7	7.8	1088	1.92	5.9	0.8	0.6	3.3	24
MF-A 01+50E	516820	5495767	0.7	18.4	13.4	254	0.2	56.6	10.8	1479	2.02	5.3	0.6	<.5	4.3	17
MF-A 02+00E	516827	5495822	0.8	14.1	12.2	92	<.1	79.5	12.4	874	2.35	3.3	0.6	<.5	4.8	26
MF-A 02+50E	516866	5495865	0.5	8.1	25.1	139	<.1	46.6	19.3	1169	1.79	3.4	0.4	0.6	1.9	51
MF-A 03+00E	516877	5495903	0.5	17.5	6.7	85	<.1	42.1	13.7	435	2.41	2.3	0.8	<.5	5.9	13
MF-A 03+50E	516883	5495960	0.6	17	13.1	147	0.2	48.6	13.2	1725	2.21	3.6	0.6	<.5	3	55
MF-A 04+00E	516913	5496000	0.6	33.7	10	102	0.2	76.5	21.7	401	2.9	2.3	1.6	<.5	6.4	28
MF-A 04+50E	516913	5496049	0.5	17.3	17.1	127	<.1	54.5	15	754	2.98	5.7	0.5	<.5	6	34
MF-A 05+00E	516918	5496102	0.6	21.5	11.7	93	0.1	68.3	15.2	488	2.91	2.3	1.1	<.5	6.4	23
MF-A 05+50E	516920	5496153	0.4	22.4	9.9	76	0.1	78.4	11.9	391	2.47	1.7	1.3	0.7	5.6	30
MF-A 06+00E	516932	5496186	0.3	12.4	19.3	145	0.1	72.7	12.1	754	2.09	5.7	0.6	<.5	4.7	46
MF-A 06+50E	516939	5496209	0.3	9	9.5	168	0.2	46.4	9.4	554	1.61	3.4	0.4	0.6	3.1	45
MF-A 07+00E	516956	5496226	1.1	40.6	12.3	76	<.1	70.1	17.7	961	6.38	2.4	1.2	<.5	8.8	29
MF-A 07+50E	516965	5496266	0.6	28.1	13	132	0.1	118.4	20.9	536	3.3	1.4	0.7	0.5	6.3	29
MF-A 08+00E	516979	5496305	0.5	17.3	14.3	91	0.1	91.3	12.5	393	2.57	4.7	1.1	<.5	5.7	33
MF-A 08+50E	516998	5496351	0.4	14.3	9.5	74	0.3	56.2	11.8	364	2.24	3.2	0.8	0.5	4.4	25
MF-A 09+00E	517032	5496416	0.4	23.2	8.9	82	0.1	68.3	16.8	501	2.96	3.1	0.6	0.7	6.2	22

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-A 09+50E	517071	5496463	0.4	12.6	6.3	112	<.1	46.9	18.7	636	3.04	2.9	0.4	<.5	4.4	12
MF-A 10+00E	517127	5496504	0.4	21.3	7.1	99	<.1	46.2	15.9	430	3.07	3	0.5	<.5	4.9	29
MF-A 10+50E	517176	5496562	0.3	23	8.2	92	0.1	73.4	22.1	420	3.15	2.6	0.7	<.5	6.1	19
MF-A 11+00E	517214	5496592	0.3	15.1	10.2	83	<.1	60	19.4	362	2.69	4.9	0.4	<.5	4.2	27
MF-A 11+50E	517242	5496650	0.6	36.2	9.8	91	0.2	82.1	23.3	511	3.28	4.2	0.6	1	5.4	17
MF-A 12+00E	517284	5496663	0.4	11.5	12.7	86	<.1	25.7	11.7	1075	1.93	4	0.4	<.5	3.8	33
MF-A 12+50E	517329	5496699	0.3	7.6	14	84	0.1	27.6	10.5	392	1.53	4.2	0.3	0.5	3.1	23
MF-A 13+00E	517390	5496709	0.4	17.9	11.9	66	0.1	44.5	11.4	276	2.49	7.1	0.4	<.5	5.1	14
MF-A 13+50E	517424	5496723	0.4	18.5	12.1	86	0.2	54.6	23.9	249	2.4	5.7	0.8	<.5	5.1	16
14+00	517465	5496734														
MF-A 14+50E	517495	5496739	0.7	19.2	21.6	109	0.1	42	19.7	855	2.85	5.3	0.6	<.5	5.5	20
MF-A 15+00E	517531	5496747	0.6	26.6	17.3	106	0.1	61	25.7	707	3.05	5.3	0.9	0.7	5.4	17
MF-A 15+50E	517601	5496790	0.4	19.4	12.7	104	0.1	85.1	16.9	536	2.52	4.2	0.9	1	6.2	27
MF-A 16+00E	517646	5496782	0.6	16.5	8.5	94	0.1	64.1	19	367	3.05	4.6	0.9	<.5	6.8	14
MF-A 16+50E	517705	5496800	0.4	48.7	7.7	108	0.1	75	22.7	370	3.53	4.3	1.2	<.5	6.8	11
MF-F 17+00E	517738	5496801	0.6	24.1	13.2	87	0.2	56.4	15.4	388	2.53	6.4	1	<.5	4.8	15
MF-F 17+50E	517781	5496803	0.4	24	13.8	112	0.2	66	20.7	328	2.84	7.5	0.9	<.5	6.1	33
18+00	517842	5496805														
MF-F 18+50E	517895	5496813	0.5	22.2	10.1	97	0.2	65.2	13.6	396	2.5	4.1	0.9	0.5	5.5	27
19+00	517947	5496806														
MF-F 19+50E	517990	5496793	1.3	30.4	14.6	119	<.1	104.6	24.4	533	4.39	4.6	0.6	5.2	5.8	25
MF-B 00+00W 2007	520011	5495950	0.9	23.2	14.2	68	0.3	21.5	12.9	263	2.75	13.7	1.1	0.7	5.5	5
MF-B 00+50W	519966	5495918	0.9	18.5	17.5	54	0.4	15.2	4.5	219	2.93	23.6	0.9	2	5.7	6
MF-B 01+00W	519934	5495897	1.4	17.9	12.7	52	0.5	16.2	4.6	126	4.06	33.4	0.8	2.7	5.3	5
01+50	519897	5495880														
MF-B 02+00W	519853	5495867	0.7	18.2	26	124	0.1	26.1	11.3	3775	2.63	11.5	0.8	<.5	1.4	22
MF-B 02+50W	519800	5495854	0.9	21.4	20.5	67	0.3	25.7	16.9	808	2.88	28.9	1.5	1	3.4	7
03+00	519743	5495873														
MF-B 03+50W	519688	5495858	1.2	14.7	20.6	74	0.2	25	12	408	4.26	26.1	0.8	0.8	5.5	9
MF-B 04+00W	519628	5495822	0.9	41	35.9	93	0.3	36.6	30	1488	3.46	33.6	1.4	1.2	3.6	16
MF-B 04+50W	519618	5495815	1.4	78.6	22	64	0.2	55.6	26.3	1089	5.25	84.4	3.5	1.2	2.6	6
MF-B 05+00W	519565	5495799	2.2	39.7	40.5	75	0.7	28.1	6.1	211	4.59	32.5	1.7	1.9	10	5
MF-B 05+50W	519510	5495816	1.8	22.2	17.6	60	0.2	21.7	5.7	156	3.43	36.5	0.8	0.5	5.5	7
MF-B 06+00W	519463	5495808	0.9	11.3	11.8	48	0.1	17.3	6.1	109	2.34	10.5	0.4	<.5	3	8
MF-B 06+50W	519427	5495755	2.3	31.5	14.6	63	0.2	31.4	6	155	4.06	33.2	0.9	0.6	7.5	7
07+00	519378	5495716														
MF-B 07+50W	519349	5495668	2.2	32.8	35.8	67	0.4	26.8	5.6	255	4.23	33.1	0.9	0.5	6.4	23
MF-B 08+00W	519308	5495631	2.5	29.6	8.2	52	0.2	15.8	3.4	111	4.54	19.6	0.6	0.8	6.8	3
MF-B 08+50W	519300	5495590	3	40.5	12.2	61	0.1	31.5	6.4	132	5.07	47.5	0.9	1.8	9.6	6
MF-B 09+00W	519243	5495525	2.6	40	23.2	56	0.2	28.6	6.4	145	4.85	43.3	1	1.3	7.7	6
MF-B 09+50W	519214	5495475	1.1	28.2	16	52	0.1	23.2	5.8	187	3.72	20	0.9	3.1	6.9	5
10+00	519177	5495461														
MF-B 10+50W	519146	5495471	1	26.5	14	95	0.4	29.6	9.8	470	4.2	22.6	1	<.5	7.5	9
MF-B 11+00W	519107	5495495	0.7	16.5	11.4	36	<.1	16.6	4.3	107	2.35	6.9	0.6	0.7	3.7	5
MF-B 11+50W	519074	5495531	0.9	21.5	9.1	61	0.3	25.4	7.3	189	3.23	12.2	0.8	<.5	4.9	5
MF-B 12+00W	519045	5495565	0.6	23.1	8	76	0.4	23.8	8.8	760	2.09	6	1.4	<.5	2.9	8
MF-B 12+50W	519004	5495600	0.9	12.1	17.7	37	0.2	9.3	2.7	93	2.17	8.5	0.4	38	1.9	5
MF-B 13+00W	518972	5495689	1.1	15.7	11.7	40	0.2	10.3	2.7	103	2.87	14.5	0.4	6.2	3.7	5
MF-B 13+50W	518909	5495696	1.1	22.6	8.8	47	<.1	14.9	3.9	145	2.82	20.8	0.5	3.8	5.1	5
MF-B 14+00W	518861	5495726	0.9	19.4	10.9	44	0.7	12.6	6	293	2.13	9.2	1.1	2.7	4.5	5
MF-B 14+50W	518809	5495706	1	14.8	18.3	91	0.3	21.1	9.5	140	2.85	5.3	0.7	<.5	4.9	8
MF-B 15+00W	518769	5495681	1.3	31.3	13.6	105	<.1	59.9	25.7	205	3.23	8.6	1.2	<.5	7.6	5
MF-B 15+50W	518743	5495636	1	13.5	16.8	79	0.2	26.4	8.7	133	3.45	7.2	0.6	0.5	4.9	8
MF-B 16+00W	518685	5495586	1.2	34.3	15.4	77	0.6	21.6	13.2	548	3.32	26.5	1.1	4	2.6	7
MF-B 16+50W	518635	5495611	1.1	87.9	44	49	1	40.4	36.8	1117	2.28	11.3	1.6	0.9	0.4	7
MF-B 17+00W	518598	5495647	1	11.8	94	136	0.2	19.9	11.5	1716	6.4	31.2	0.7	<.5	4.7	25
17+50	518540	5495649														
MF-B 18+00W	518491	5495661	0.7	11.6	22.2	55	0.5	15.7	6.1	173	2.39	9.9	0.6	0.5	3.2	8
MF-B 18+50W	518420	5495648	0.5	15.5	8.5	43	0.2	11.4	6.9	194	1.67	4.7	1.4	1.1	4.1	6
MF-B 19+00W	518363	5495677	0.9	8.8	12.8	44	0.4	8.1	3.7	491	3.28	5.2	0.5	<.5	2.6	4
MF-B 19+50W	518337	5495727	0.8	12.9	11	70	0.6	20.5	5.8	153	2.72	6.8	0.7	<.5	3.9	6
MF-B 20+00W	518276	5495741	0.6	23.6	9.8	81	0.3	26.1	7.6	432	2.59	6.9	1	1.2	4.6	11
MF-B 20+50W	518230	5495745	0.6	9	15.5	30	0.3	8.3	3.8	152	2.2	6.3	0.4	1.7	2.9	5
MF-B 21+00W	518191	5495720	0.6	13.6	10	37	0.2	10.3	8.9	984	1.84	4.2	0.7	0.7	2.4	7
MF-B 21+50W	518150	5495725	0.6	28.2	6.6	69	<.1	34.8	8.3	368	4.06	10	0.9	<.5	8.3	4
MF-B 22+00W	518103	5495729	0.6	11.3	13.8	71	<.1	18.6	6.5	343	3.38	9	0.6	0.6	4.3	14
MF-B 22+50W	518048	5495725	0.5	10.1	20.4	46	<.1	12.6	6.4	558	1.97	7.8	0.4	<.5	0.7	8
MF-B 23+00W	517994	5495723	0.5	10.2	11.8	56	0.1	14.3	11.4	451	2.16	8.2	0.5	1.3	2.8	13
MF-B 23+50W	517943	5495725	0.5	20.6	14	88	0.3	40.4	18.3	563	2.04	8.3	0.7	0.7	3.3	14
MF-B 24+00W	517894	5495734	0.6	22.4	7.7	124	0.2	92.4	31.4	1288	2.35	5	1	1.1	3.3	13
MF-B 24+50W	517839	5495736	0.4	13.5	14	72	0.1	40.1	10.9	1435	2.34	4.4	0.7	0.9	4.3	31
MF-B 25+00W	517794	5495737	0.5	14.2	13.1	105	0.1	41.7	16.5	814	2.63	6.1	0.7	0.7	4.3	21
MF-B 25+50W	517730	5495733	0.6	11.3	11.6	74	0.1	30.6	11.7	865	2.52	5.3	0.6	0.8	4.5	30
MF-B 26+00W	517656	5495742	0.8	12	12.8	79	0.5	25	21.1	1531	1.97	5.1	0.5	0.8	3.1	29
MF-B 26+50W	517614	5495722	0.7	11.3	10.2	58	0.2	24.4	16.6	624	2.01	4.5	0.7	<.5	3.1	14
MF-B 27+00W	517574	5495702	0.8	11.6	11.2	61	1.2	30.6	15	560	2.1	3.3	0.7	1.7	2.4	21
MF-B 27+50W	517522	5495699	0.6	8.1	11	60	0.1	21.4	18.2	376	1.84	5.1	0.5	0.8	2.6	27
MF-B 28+00W	517491	5495677	0.7	11.8	9.6	89	0.3	51.7	20.1	756	2.08	3.3	0.8	1.4	3.2	19
MF-C 00+00 2007	519634	5495372	1.2	36.8	20.8	56	0.2	28.5	7.5	358	4.57	40.9	1.6	0.8	6.4	4
MF-C 00+50S	519622	5495424	1.7	114.2	36.4	85	0.3	56.2	22.8	727	5.46	67.3	3.8	0.9	9.3	5
MF-C 01+00S	519592	5495439	1	21.2	11.3	39	0.5	14.3	3.8	174	2.85	12.2	1.5	2.1	5.7	4
MF-C 01+50S	519547	5495400	0.8	13.5	12.2	43	0.2	16	3.7	174	3.88	16.2	0.6	2	6.6	3
MF-C 02+00S	519500	5495380	1.2	42.6	15.6	52	<.1	33.1	7.1	233	4.56	35	2	0.7	9.7	4
MF-C 02+50S	519476	5495340	0.9	24.5	11.8	53	0.2	20.1	7.2	213	3.91	16.4	1.4	0.6	7.9	4
MF-C 03+00S	519451	5495320	1.2	32	16.6	55	0.2	26.7	7.3	260	4.67	43.8	1.1	0.9	8.1	4
MF-C 03+50S	519412	5495272	1.2	24.4	11.2	55	0.1	26.8	5.9	292	6.31	37.3	0.9	<.5	7.2	2

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-C 04+00S	519372	5495229	1	59	20.4	75	0.2	49.1	15.8	493	4.91	30.5	1.7	1.6	8.4	28
MF-C 04+50S	519348	5495194	1.1	28.3	12.3	51	0.2	21.3	5.5	298	4.14	16.7	1.1	0.8	6.7	4
MF-C 05+00S	519317	5495146	1.7	55.3	18.3	78	0.2	46	11.3	368	6.37	20.9	1.7	4.5	12	5
MF-C 05+50S	519296	5495098	1.4	36.9	18.4	70	0.3	30	7.8	274	4.36	9.5	1.2	1	7.5	5
MF-C 06+00S	519272	5495078	1.3	17	10.3	41	0.2	14.7	3.9	120	5.01	7	0.7	<.5	5.3	3
MF-C 06+50S	519227	5495055	1.2	24	10.7	65	0.4	17.8	5.6	426	4.43	7.6	0.8	<.5	4	5
MF-C 07+00S	519182	5495052	1.7	38.8	12.3	39	0.2	10.3	2.9	114	4.14	4.6	0.9	1.2	6.3	4
MF-C 07+50S	519128	5495050	1.6	9.6	14.8	22	0.2	5.8	1.4	48	3.61	10.7	0.6	<.5	4.1	3
MF-C 08+00S	519085	5495064	1.9	32.7	14.2	32	0.2	9.2	2.3	91	5.18	9	0.9	1.6	6.7	3
MF-C 08+50S	519031	5495047	1.2	21.7	9.7	38	0.5	8.8	2.4	147	3.49	7	1	0.7	3.7	4
MF-C 09+00S	519000	5495069	0.7	8.5	7.7	23	<.1	4.4	1.4	69	1.6	4	0.3	<.5	3.6	5
MF-C 09+50S	518984	5495134	1.8	26.1	8.7	69	0.2	11.7	4	122	3.96	10.4	0.6	2.1	7.4	4
MF-C 10+00S	518980	5495169	2	21.7	10.8	58	<.1	13.5	4	130	3.69	28.6	0.7	4.2	7.7	6
MF-C 10+50S	518961	5495231	1.3	14.7	10.4	43	0.3	7.6	2.6	69	3.02	9.2	0.9	2.7	6.5	5
MF-C 11+00S	518917	5495276	1.4	8.7	10	22	<.1	5.7	1.6	57	2.32	10.4	0.4	1.5	3.6	3
MF-C 11+50S	518862	5495289	0.9	12.3	11.2	33	<.1	11.8	3	73	2.61	10.5	0.5	1.6	3.8	7
MF-C 12+00S	518825	5495329	0.9	17.6	13.6	125	0.1	31.1	14.3	199	3.54	8.8	0.8	2.3	6.2	12
MF-C 12+50S	518780	5495310	1.2	11.4	13.3	50	0.2	25.4	12.3	159	3.13	8	0.8	1.3	5.5	11
MF-C 13+00S	518742	5495296	1.4	12.2	14.7	28	0.3	6.1	1.9	39	3.93	13.6	1	2.3	6.8	4
MF-C 13+50S	518700	5495280	2.5	28.5	15.8	56	0.1	17.5	4.9	119	4.69	29.8	1.1	2.9	9	6
MF-C 14+00S	518658	5495263	1.4	20.8	23.7	37	0.3	14.5	3.4	116	4.11	19.5	1.1	2.4	6.9	11
MF-C 14+50S	518610	5495281	2.1	22.1	20	42	0.2	13.7	3.1	77	4.06	18.8	0.9	0.9	7.3	6
MF-C 15+00S	518565	5495300	1.6	26.5	14.8	47	0.5	10.2	2.2	60	2.92	13.1	1.6	1.6	7.7	4
MF-C 15+50S	518495	5495300	1.1	10	9.8	30	0.2	5.8	1.9	65	2.39	7.5	0.4	<.5	3.2	4
MF-C 16+00S	518445	5495323	1.1	13.2	15.4	73	0.3	11.4	11.4	549	2.99	8.3	0.8	2.2	4.7	5
MF-C 16+50S	518400	5495319	0.9	16.2	17.1	72	1.1	12.7	7.1	492	1.87	4	0.8	1.7	3.8	5
MF-C 17+00S	518369	5495242	1.2	20.6	10.9	78	0.4	19.7	8.2	116	2.59	7.8	0.7	1.6	4.9	6
MF-C 17+50S	518363	5495200	1.6	31.1	11.3	66	0.2	19.1	6.4	193	3.01	20.3	1.2	1.3	7.6	7
MF-C 18+00S	518367	5495139	1.7	32	11.5	69	<.1	27.1	8	149	3.55	15.1	1.1	0.7	7.6	7
MF-C 18+50S	518386	5495105	1.5	32	11.4	87	0.1	39.2	12.4	159	3.1	14.6	1.1	1.8	7.8	8
MF-C 19+00S	518418	5495055	1.8	38.5	11.9	60	0.1	34.4	15.8	163	3.38	26.7	1.4	6.5	8.5	8
MF-C 19+50S	518443	5495011	1.7	29.1	12.5	57	0.2	25.1	8	176	3.68	21.4	0.9	1.4	7.1	10
MF-C 20+00S	518450	5494965	2.3	40.2	16	64	0.2	31.2	12.6	185	3.91	22	1.1	2.3	8.9	8
MF-C 20+50S	518426	5494938	2	20.4	14.3	60	0.2	16.3	7.3	191	3.37	16.8	0.8	1	6	7
MF-C 21+00S	518383	5494900	2	30.3	14.5	62	0.2	19	5.4	131	3.29	21.1	1.4	4.3	9	7
MF-C 21+50S	518400	5494853	1.9	28.5	13.7	74	0.1	32.9	12.2	227	3.5	18.2	0.9	0.9	7.3	7
MF-C 22+00S	518400	5494813	2.1	40.8	14.3	65	0.3	24	9.3	204	3.57	27.1	1	1.2	8	7
MF-C 22+50S	518441	5494777	1.9	28.9	13.4	58	0.2	24.9	16.4	400	3.37	31.2	0.9	1.2	7	7
MF-C 23+00S	518452	5494709	1.4	25.5	12.9	57	0.5	24.4	9.1	143	3.07	19.7	1.2	1.8	6.7	9
MF-C 23+50S	518426	5494682	1.8	17	16	51	0.3	10.4	3.5	97	3.87	18.3	0.6	1.5	6.8	5
MF-C 24+00S	518381	5494628	1.3	15.6	24	58	0.4	9.6	3.3	94	3.24	13.5	0.6	0.9	6.6	6
MF-C 24+50S	518341	5494595	1.3	23.5	13.9	67	0.1	17.8	5.7	111	3.38	20.8	1	2.4	8.2	5
MF-C 25+00S	518314	5494573	1.3	18.6	12	80	0.1	16.1	6.5	116	3.54	12.9	0.9	2.4	8.6	7
MF-C 25+50S	518266	5494537	1.1	27.4	12.4	60	0.5	18	9.2	141	2.62	14.5	1.5	1.7	8.5	6
MF-C 26+00S	518255	5494492	1.3	23.9	11.1	69	0.3	17.2	7.3	118	2.82	17	1.1	2	6.8	8
MF-C 26+50S	518240	5494460	1.1	19.5	11.9	88	0.4	27.4	10.5	181	2.44	14.8	1	0.8	4.7	10
MF-C 27+00S	518237	5494416	1.1	23.1	13	71	0.3	24.9	10.3	204	2.67	19	1	1.4	5.1	11
MF-C 27+50S	518274	5494378	1.8	52.3	12.3	70	0.8	25.5	6.8	125	3.77	22.6	1.1	2.3	10	9
MF-C 28+00S	518322	5494359	2.2	43.8	12	66	0.6	16.6	4.8	148	4.23	11	1	2.8	10	10
MF-C 28+50S	518384	5494355	2.2	47.7	13.5	79	0.3	39.8	11.7	220	4.11	16.8	1.1	2.7	11.5	14
MF-C 29+00S	518414	5494337	2.2	108.7	30.7	56	0.6	15.2	4.1	122	6.19	20.3	1.8	8.3	17.6	7
MF-C 29+50S	518446	5494328	1.4	30	29.1	82	0.3	27.4	8.9	881	3.84	30.8	0.9	0.8	6.7	24
MF-C 30+00S	518480	5494316	1.8	45.3	22.6	76	0.4	35.6	7.7	291	4.44	56.8	1.2	11.9	9.7	11
MF-C 30+50S	518544	5494323	0.8	27.8	14.1	111	0.1	80.4	16.2	463	3.34	17	0.9	1.3	7	21
MF-C 31+00S	518586	5494300	0.8	34.2	17.5	97	0.2	67.8	16.6	238	3.5	13.3	1.6	2.4	9.8	16
MF-C 31+50S	518616	5494274	2	38.6	15.5	77	0.1	44	10.5	347	5.07	25.6	1.2	1.2	10	18
MF-C 32+00S	518660	5494266	0.8	32	18.6	83	0.1	60.1	16.8	185	3.46	11.4	0.8	4.4	8.2	13
MF-C 32+50S	518727	5494245	0.8	43.7	33.5	96	0.2	85.9	15.8	254	3.65	12.6	1.2	1.2	9.8	7
MF-C 33+00S	518759	5494211	0.7	17.3	22.2	110	0.1	83	36	820	2.77	9.7	0.6	3.8	6.2	13
MF-C 33+50S	518807	5494172	0.7	25.7	17.4	132	0.4	73.2	18.3	542	3.19	11.8	0.9	11.2	7.5	13
MF-C 34+00S	518847	5494159	0.5	19.2	12.4	91	0.3	65.7	16.5	892	2.09	9.3	1.1	1.6	5.2	21
MF-C 34+50S	518896	5494180	1.2	38.5	10.6	88	0.2	44.6	14.3	512	3.95	16.8	1.2	1.4	10	8
MF-C 35+00S	518929	5494145	1.2	22.1	11.9	80	0.1	27.6	10.3	313	3.67	16.3	0.8	2.7	7.3	12
MF-C 35+50S	518944	5494118	2	47.5	17.4	111	0.1	75.4	20.1	260	6.29	36.8	1	3	12.2	16
MF-C 36+00S	518950	5494057	3	66.6	12.4	83	<.1	34.6	8.3	250	6.78	38.7	1.5	1.7	15.9	4
MF-C 36+50S	518934	5494011	1.3	25.7	12.1	69	0.3	28.4	8.2	405	4.02	15.6	0.8	2.3	6.8	16
MF-C 37+00S	518944	5493960	1.5	22.3	12.8	72	0.2	22.7	7.1	237	4.25	16.9	0.7	0.5	8	10
MF-C 37+50S	518954	5493905	1.7	41	14.3	75	0.2	33.7	10.2	272	4.84	17.4	1.1	2.5	10.4	6
MF-C 38+00S	518968	5493882	1.4	29.5	21.4	78	0.1	30.6	8.9	318	4.37	21.1	0.9	2.3	9.8	11
MF-C 38+50S	519007	5493842	1.9	40.3	24.4	91	0.2	37.2	10.9	287	4.81	24.1	1.1	4.7	10.7	7
MF-C 39+00S	519041	5493806	2.7	83.7	24.3	92	0.3	60.9	15.2	323	6.48	46.8	2.3	8.2	16.6	6
MF-C 39+50S	519056	5493776	1.7	61.5	20.8	82	0.1	46.8	13	466	4.95	25.5	1.4	5.2	11.5	6
MF-C 40+00S	519062	5493715	1.4	43.4	14.4	74	0.2	47.6	13.7	252	4.14	10.4	1.1	2.8	10.8	7
MF-C 40+50S	519088	5493672	1	19.6	12.9	64	0.3	28.9	12.2	426	3.07	9	0.7	1.8	5.6	12
MF-C 41+00S	519121	5493637	2.4	65.8	20.8	95	0.2	67.6	21.5	431	5.31	20.6	1.6	3.3	12.6	8
MF-C 41+50S	519163	5493623	1.3	51.7	10.2	95	<.1	48.1	16	392	5.12	26.3	1.3	1.1	12.5	5
MF-C 42+00S	519214	5493612	2.5	47.2	26.9	80	0.9	41.1	9.8	271	5.39	38.1	1.5	1.9	8.9	13
MF-C 42+50S	519216	5493563	2.7	56.8	17	91	0.3	46.5	10.4	237	6.04	20	1.3	2.7	11.8	4
MF-C 43+00S	519193	5493517	1.3	23.7	17	81	0.5	27.8	11.4	262	4.1	38.4	0.8	1.5	7	7
MF-C 43+50S	519194	5493464	0.9	14.3	14.6	81	0.4	25.2	11.7	508	3.27	11.1	0.6	1.9	6.2	9
MF-C 44+00S	519210	5493427	0.9	17.5	15.3	86	0.5	29.7	13.1	377	2.91	7.5	0.7	2.4	5.9	9
MF-C 44+50S	519226	5493381	1.8	45.4	18.9	80	0.2	49	16.8	521	3.98	38.1	1.4	3.9	10.3	8
45+00	519208	5493341														
MF-C 45+50S	519176	5493310	1.4	26.7	23.2	50	0.6	26.5	6.5	158	3.64	28.7	1.2	4.1	5	4
MF-C 46+00S	519134	5493275	1.1	22.9	15.7	62	0.4	25.6	7.4	307	5.49	20.4	1	2.3	7.5	4
MF-C 46+50S	519109	5493242	0.8	11.4	24.4	49	0.2	10.2	3.2	117	1.67	10.7	0.5	1.7	0.8	4

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-C 47+00S	519077	5493219	0.8	27.7	14.2	111	0.3	27.7	9.9	312	3.06	12.4	1.1	3.8	6.6	7
MF-C 47+50S	519046	5493203	1	35.2	20.5	142	0.1	32.4	11.1	224	3.55	17.3	1.5	3.3	8.7	5
MF-C 48+00S	519009	5493175	1.1	53.4	16.6	97	<.1	49.9	13.6	337	4.57	24.6	1.4	3.7	10.6	2
MF-C 48+50S	518981	5493130	1.1	29.9	12.6	82	0.1	33.8	11.5	248	4.09	13.6	1.1	6.2	8.6	4
MF-C 49+00S	518962	5493078	0.9	15.6	14.3	58	0.2	18.7	6.3	277	3.1	11.3	0.6	1.3	6.1	3
MF-C 49+50S	518933	5493034	0.9	13	19.6	52	<.1	14.2	5.3	174	2.68	11.4	0.6	1.1	5.7	4
MF-C 50+00S	518910	5493009	1.4	21.1	12.9	50	0.1	20.4	6.2	110	3.27	20.9	0.8	2.4	6.1	5
MF-C 50+50S	518885	5492966	1.1	24.8	12.3	60	0.3	23.3	9	257	3.08	16.6	1.1	4.3	6.8	4
MF-C 51+00S	518865	5492926	1	8.6	21.2	40	<.1	8.6	3.5	280	2.5	16	0.3	1.8	3.5	4
MF-C 51+50S	518869	5492877	1.7	36.1	19.8	59	0.2	23.5	7.4	182	3.92	27.8	0.9	3.8	8.3	6
MF-C 52+00S	518853	5492824	0.8	11.7	16.5	38	0.2	7.8	2.4	76	3.03	14.5	0.5	0.9	4.2	4
MF-C 52+50S	518822	5492765	1	17.7	16.4	59	<.1	24.8	10.3	417	3.09	21	0.7	1.7	6.8	5
MF-C 53+00S	518798	5492733	1	36	16.8	98	0.2	48.4	17.6	426	3.74	28.1	1.2	2.7	9.1	5
MF-C 53+50S	518783	5492704	0.7	15.3	11.5	65	<.1	27	7.2	159	4.09	18.3	0.7	1	8.4	3
MF-C 54+00S	518751	5492643	0.4	17.1	27.5	83	0.2	23.1	11.5	801	2.42	18.2	0.5	<.5	5.3	11
MF-C 54+50S	518759	5492605	0.6	18.1	33.9	82	0.4	42.4	18.1	238	2.6	18.8	0.8	1.7	6.4	8
MF-C 55+00S	518780	5492559	1	15	75.4	157	0.3	28.1	11.7	818	3.42	68	0.6	1	5.7	12
MF-C 55+50S	518810	5492509	0.7	27.9	36.8	119	0.4	60.6	21.1	1259	3.58	51.9	0.9	2.9	6.9	15
MF-C 56+00S	518801	5492468	0.6	19.3	19.2	75	0.3	30.1	9.6	173	3.09	18.6	0.8	1	5.8	4
MF-C 56+50S	518787	5492407	1	14.3	34.7	59	0.7	15	9.3	286	2.97	18.1	1	2.3	3.4	5
MF-C 57+00S	518779	5492373	0.4	13.4	27.2	94	0.3	22.8	7	593	2.61	14.8	0.5	1.4	3.6	5
MF-C 57+50S	518767	5492338	0.6	38.7	65.4	49	0.2	36.5	17.6	291	3.85	60.5	1	1.6	1.9	7
MF-C 58+00S	518725	5492329	0.5	11.1	37.6	73	0.4	15.8	6	784	2.34	12.3	0.5	0.5	0.9	8
MF-C 58+50S	518669	5492330	0.6	11.8	13.4	66	0.5	15.4	6.4	144	2.82	13.1	0.7	1.4	4.7	5
59+00	518618	5492300														
MF-D 00+00E 2007	522056	5492769	1.1	58.5	16.1	66	0.2	26	12.7	620	3.47	24.3	2.6	2.2	4.3	4
MF-D 00+50E	522087	5492731	0.8	21.5	12.1	53	<.1	21.4	11.6	462	2.74	18	1.2	<.5	2.6	3
MF-D 01+00E	522120	5492690	3.2	10.3	18.4	37	0.3	10.7	5.1	847	1.79	5.2	1.3	<.5	0.8	7
MF-D 01+50E	522149	5492636	0.6	12.6	11	55	<.1	14.2	6.3	187	2.42	6.5	0.7	0.6	3.2	3
MF-D 02+00E	522180	5492596	0.8	17.4	11.4	47	<.1	15.7	8.8	208	3.12	11.6	1.6	<.5	4.9	3
MF-D 02+50E	522200	5492558	1.4	26.2	19.2	46	<.1	21.4	14.2	440	2.55	10.1	2	<.5	4.5	4
MF-D 03+00E	522221	5492531	1.1	19.8	14.8	52	<.1	13.7	8.5	281	3.06	13.8	1.2	<.5	2.7	4
MF-D 03+50E	522227	5492475	1.2	132.1	20.3	31	0.3	29.8	10.7	460	2.89	12.5	18.1	2	7.1	5
MF-D 04+00E	522199	5492436	0.7	19.2	17.2	57	0.2	10.7	7.7	384	2.46	5.8	1.3	0.6	3.5	3
MF-D 04+50E	522150	5492418	1.2	249.4	17.8	50	<.1	32	12.5	336	2.25	39.6	4	1.1	4.7	5
MF-D 05+00E	522106	5492382	0.5	21.9	15.1	100	<.1	19.1	9.6	258	2.52	5.6	0.4	<.5	4.9	3
MF-D 05+50E	522080	5492341	0.5	61.8	37.9	69	1.1	19.9	9.7	1763	2.17	8.5	4.4	1.2	0.8	23
MF-D 06+00E	522035	5492361	0.7	36.4	9.8	77	0.1	30.1	11.5	235	3.27	26.5	0.6	<.5	5.9	2
MF-D 06+50E	521990	5492367	1.6	34.6	13.7	31	0.6	14.7	3.5	257	5.34	49.4	1.5	0.8	4	3
MF-D 07+00E	521945	5492346	0.9	27.2	8.6	41	<.1	21.8	5.8	177	3.22	25.3	1.1	<.5	6.2	2
MF-D 07+50E	521907	5492304	0.8	34.4	8.3	34	<.1	14.3	6.5	261	2.37	13.2	2	<.5	4.8	4
MF-D 08+00E	521872	5492274	1	29.2	10	60	0.3	25.3	8.9	304	4.59	23.2	0.7	<.5	3.3	2
MF-D 08+50E	521852	5492229	1.8	61.8	20.8	90	0.1	65.8	19.8	399	4.95	53.7	0.9	0.8	8.7	3
MF-D 09+00E	521841	5492183	0.7	19.2	17	99	0.3	20.2	13.9	402	2.9	8.3	0.7	<.5	4.7	3
MF-D 09+50E	521840	5492135	0.5	19.4	15.1	114	<.1	23	13	348	3.08	10.5	0.6	<.5	5.5	2
MF-D 10+00E	521844	5492086	0.4	21	11.7	84	<.1	25.9	11.8	263	3.14	6	0.6	<.5	4.7	3
MF-D 10+50E	521855	5492028	1.2	38.2	16	76	0.1	25	11.7	289	3.67	27.7	1.4	1.6	5.6	3
MF-D 11+00E	521869	5491973	0.9	45	17.3	54	0.3	18.7	12.3	466	3.18	17.8	4.3	2.3	4.6	4
MF-D 11+50E	521868	5491916	1.1	27.2	20.4	81	0.1	20.8	10.1	228	3.63	22.5	1.1	0.5	6.3	4
MF-D 12+00E	521868	5491868	2.5	92.5	41.5	92	0.2	49.4	28.1	385	7.04	84.6	2.2	0.9	8.1	2
MF-D 12+50E	521854	5491833	1.3	29.3	20.5	77	0.1	26	11.6	232	4.22	40.1	0.9	0.5	5.5	2
MF-D 13+00E	521849	5491780	1.1	27.4	35.4	71	0.1	27.7	10.8	314	3.81	29	0.9	0.5	4.6	2
MF-D 13+50E	521830	5491728	1.4	44.1	24.9	68	<.1	31.1	13	239	4.87	53.6	1.1	0.8	7.1	2
MF-D 14+00E	521806	5491695	0.7	21.7	15.8	66	0.2	28.6	9.6	222	3.38	18	1.1	<.5	3.9	4
MF-D 14+50E	521752	5491681	1.2	26.9	11	39	0.1	14.8	5.7	204	4.59	24	1.6	0.6	3.9	3
MF-D 15+00E	521719	5491652	0.7	30.5	15.9	76	<.1	27.6	9.8	213	3.66	22.5	0.6	1	7.4	2
MF-D 15+50E	521682	5491616	0.6	28.8	15.3	79	<.1	27.2	9.6	224	3.58	20.6	0.6	1.2	6.6	2
MF-D 16+00E	521626	5491597	0.5	21.6	12.3	65	0.1	26.3	8.9	381	3.21	14.4	1	<.5	1.6	4
MF-D 16+50E	521571	5491594	0.3	13.7	20.1	57	0.5	22.6	7.4	447	2.74	10.6	0.9	<.5	1.4	8
MF-D 17+00E	521538	5491570	0.5	22.6	39.7	108	0.2	35.1	16.2	1427	3.35	13.2	1.7	<.5	2.7	16
MF-D 17+50E	521498	5491536	0.6	22.3	26.9	54	0.1	24.9	11.7	311	3.4	13	0.9	3.8	2.1	7
MF-D 18+00E	521446	5491514	1.5	21.9	38.7	109	0.2	24.1	10.9	507	3.13	14.7	5.2	<.5	1.9	12
MF-D 18+50E	521396	5491508	0.8	37	111.6	143	0.4	45	22.4	921	3.49	18.6	5.9	0.7	5.1	9
MF-D 19+00E	521349	5491533	0.9	56.5	24.7	54	0.2	38.8	21.3	531	4.09	23.7	3.7	14.4	2.7	4
MF-D 19+50E	521303	5491562	0.7	40.6	44.4	58	0.2	31.6	17.7	579	4.04	23.3	2.4	0.8	3.5	3
MF-D 20+00E	521257	5491588	1	44.3	12.8	34	0.5	18.9	7.8	293	3.95	19.8	1.8	<.5	4.5	3
MF-D 20+50E	521214	5491620	0.7	30.2	8	58	0.1	29.4	10.3	403	4.23	21.7	1.1	<.5	6.9	2
MF-D 21+00E	521164	5491634	1	26.6	7	56	0.1	30.7	10.8	333	4.61	22.1	1	5.1	5.9	2
MF-D 21+50E	521132	5491675	0.9	19.9	7.6	34	0.2	12.5	6	232	2.69	10.9	1.3	1.4	4	3
MF-D 22+00E	521097	5491707	1.6	33.7	11.2	60	0.3	23.4	7.2	223	5.08	13.7	1.3	2.1	8.2	2
MF-D 22+50E	521060	5491748	1.4	27.5	9.4	61	0.7	28.2	7.1	212	4.73	17.9	1	0.7	7.3	2
MF-D 23+00E	521022	5491777	1	27.1	7.8	62	0.2	27.2	9.7	386	5.13	21.9	1.3	1.2	4.9	3
MF-D 23+50E	520975	5491807	0.7	20.7	9.7	57	0.2	25.6	8.1	276	3.72	14.4	0.9	1.3	5	2
MF-D 24+00E	520930	5491849	0.6	17.3	13.5	32	0.7	13.5	3.8	108	1.67	5.6	1.8	1.3	3.3	4
MF-D 24+50E	520913	5491913	0.5	8.2	17.7	12	0.4	2.7	0.7	24	0.83	4.3	0.5	0.8	0.6	5
MF-D 25+00E	520911	5491962	0.9	16.3	11	28	0.3	11.4	3.6	111	3.6	13.6	1	1.8	6.2	2
MF-D 25+50E	520917	5492013	0.4	4.5	17.8	9	0.4	2.4	0.7	28	1.05	4	0.3	0.9	0.7	4
MF-D 26+00E	520872	5492029	0.9	11.4	13	22	0.2	7.4	2.1	70	3.45	7.8	1	2.4	3.4	3
MF-D 26+50E	520820	5492041	1.2	37.8	11.3	61	0.4	31.5	9.5	242	5.14	28.7	2.6	<.5	3	5
MF-D 27+00E	520777	5492062	1	54.8	15	78	0.5	36.7	22.2	1872	3.12	19.3	10.5	0.7	1.2	15
MF-D 27+50E	520738	5492055	0.9	13.3	11.8	52	0.2	19.2	6.7	199	3.3	15.6	1	1.7	4.2	3
MF-D 28+00E	520678	5492042	0.6	10.4	11.9	45	0.2	12.4	3.9	298	2.73	9.4	0.6	<.5	3.1	5
MF-D 28+50E	520621	5492069	1	18.7	11.8	61	0.2	22.8	6.9	435	3.53	10.5	1.7	1.8	4.8	4
MF-D 29+00E	520569	5492057	0.5	6.2	13.6	19	0.1	4.1	1.4	57	0.94	5.2	0.4	1	1.6	6
MF-D 29+50E	520530	5492048	0.8	83.4	20.7	50	0.8	20.7	13	532	2.66	10.7	8	1.6	1	12
MF-D 30+00E	520482	5492010	0.7	17	14.8	30	0.3	10.1	4.6	145	2.13	5.2	0.9	0.7	1.8	3

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-D 30+50E	520419	5491992	0.4	12.8	20.4	31	0.3	10.5	3.6	155	1.35	3.9	0.8	0.6	0.5	5
MF-D 31+00E	520379	5492011	0.5	20.2	12.2	61	0.2	23.5	8.7	1000	3.27	10.9	0.7	0.7	2.1	2
MF-D 31+50E	520316	5492020	1.2	77.2	31.3	64	0.6	24.5	27.7	1511	2.93	11.6	9.6	0.8	0.6	11
32+00	520270	5492024														
MF-D 32+50E	520215	5492028	0.8	9.4	24.9	21	0.2	5	2	118	0.81	3.7	1.8	<.5	1.2	4
MF-D 33+00E	520174	5492026	0.7	63.8	20.7	63	0.9	30.5	16.5	750	3.74	15.7	5.2	2.2	1.9	12
MF-D 33+50E	520129	5492029	0.5	12.6	24.1	36	0.5	13.2	4.8	149	1.92	2.9	1.3	2.5	0.7	7
MF-D 34+00E	520087	5492038	0.4	11.6	10.6	20	0.3	6	2.3	82	2.09	3.4	1	1.3	1.9	3
MF-E 00+00 2007	522997	5493597	0.2	2.1	11.4	7	<.1	1.1	0.5	17	0.32	4.2	0.3	0.5	1.6	2
MF-E 00+50	522957	5493648	0.2	0.7	4.7	2	<.1	0.5	0.2	5	0.22	1.1	0.2	3.4	3.8	1
01+00	522958	5493710														
01+50	522940	5493747														
02+00	522931	5493797														
MF-E 02+50	522894	5493826	0.2	1.6	9.9	8	<.1	1.2	1	236	0.38	3	0.5	<.5	0.6	2
03+00	522866	5493866														
MF-E 03+50	522827	5493890	0.2	3.3	38.4	12	<.1	2.2	1.3	70	0.59	8	0.5	1.6	1.3	3
MF-E 04+00	522798	5493929	0.1	0.7	3.9	4	<.1	1	0.6	11	0.24	1.4	0.3	0.6	1.6	3
MF-E 04+50	522778	5493973	0.4	2.5	8.7	5	<.1	1.7	1	15	1.15	3.5	0.6	<.5	2.2	4
MF-E 05+00	522756	5494007	0.6	2.3	8.2	5	<.1	1.9	0.9	13	0.6	1.9	0.4	0.9	2.3	3
MF-E 05+50	522738	5494035	0.3	2.5	13.5	9	<.1	1.3	0.4	17	0.38	2.4	0.2	43.8	1.8	4
MF-E 06+00	522707	5494030	1.4	9.4	27.4	34	<.1	5.3	2.8	365	1.56	6.1	0.6	1.2	2.1	5
06+50	522659	5494024														
MF-E 07+00	522601	5494010	0.3	3.3	43.3	15	<.1	1.2	0.6	57	0.31	1.8	0.2	<.5	0.2	4
MF-E 07+50	522561	5494004	1.4	10.2	13.8	28	<.1	5.6	2.1	145	1.84	5.2	1	1.9	3.1	4
MF-E 08+00	522518	5494003	0.1	1	8.1	3	<.1	0.5	0.3	5	0.1	0.8	0.1	0.9	1.1	1
MF-E 08+50	522481	5494004	0.4	5.4	6.1	13	<.1	3	1.6	46	0.69	2.9	0.6	2.2	2.3	2
MF-E 09+00	522447	5494006	0.7	9.8	17.3	35	<.1	5.8	3.6	968	1.31	3.6	0.6	1.6	2	5
09+50	522404	5494014														
MF-E 10+00	522367	5494029	0.9	20.7	25.1	26	0.1	8.6	3.1	148	1.97	8.3	1.4	1.5	3.4	3
MF-E 10+50	522298	5494049	0.9	9.1	10.8	14	0.3	4.2	1.4	45	2.43	7.1	1	2.1	3.1	2
MF-E 11+00	522270	5494033	0.7	9	12.3	10	0.2	2.6	1	29	1.54	3	0.8	3.1	1.8	2
MF-E 11+50	522224	5494016	0.4	5.8	7.9	28	<.1	9	2.4	126	1.99	1.8	0.4	<.5	2	2
MF-E 12+00	522218	5493974	0.6	26.1	16	9	<.1	3.6	1	27	0.57	3.3	0.6	<.5	0.7	2
MF-E 12+50	522182	5493964	0.5	30.4	22.6	13	0.1	5	1.4	45	0.55	2.2	1	<.5	0.4	3
MF-E 13+00	522190	5493937	0.4	6	7	8	<.1	2.3	1	96	1.33	4.3	0.4	1.4	2.4	2
MF-E 13+50	522205	5493883	0.7	8.8	7.7	22	<.1	8.1	2.6	108	1.76	6.6	0.5	1.9	3.4	3
MF-E 14+00	522219	5493831	0.7	6.7	10.1	21	0.2	6.4	2.5	116	1.83	5.6	0.4	1.1	3.2	2
MF-E 14+50	522249	5493767	0.7	8.6	10.4	25	0.1	8	3.1	136	2.46	8.5	0.5	1.4	4.3	3
MF-E 15+00	522251	5493724	0.6	7.2	11.1	25	<.1	10.1	3	100	2.66	16.9	0.3	<.5	4.4	2
MF-E 15+50	522281	5493692	0.6	9.6	9.2	25	<.1	10.4	3.2	104	2.54	11.1	0.4	0.7	4.1	1
MF-E 16+00	522296	5493643	0.4	15.5	15.2	35	<.1	14.8	4.5	179	2.46	14.2	0.4	1.6	5.3	1
MF-E 16+50	522312	5493597	0.2	7.4	3.2	20	<.1	7.7	3.4	43	1.06	0.9	0.1	0.6	3.2	1
17+00	522330	5493564														
17+50	522350	5493540														
MF-E 18+00	522345	5493438	1.2	72.9	18	43	0.5	17.1	29.4	1363	1.24	16.8	2.6	1.4	0.6	5
MF-E 18+50	522300	5493415	0.9	16.3	8.9	43	0.2	22.7	4.9	217	5	39.5	0.6	0.8	6.4	1
MF-E 19+00	522264	5493387	0.6	13.2	22.3	19	0.1	8.4	2.6	128	1.99	14.5	0.5	<.5	1.1	2
MF-E 19+50	522237	5493353	1.5	124.1	8.6	56	<.1	51.2	16.8	398	3.72	42.9	6.8	2.1	11.2	2
MF-E 20+00	522197	5493341	1.4	65.5	23.2	47	0.3	33.5	11.1	339	5.31	31.6	1.9	0.6	2.8	2
MF-E 20+50	522156	5493301	1	33	12.8	32	0.3	17.5	4.8	199	4.22	24.3	0.9	1.6	2.7	3
MF-E 21+00	522131	5493265	1.2	19	8.8	37	0.4	18.7	5	195	4.72	28.8	0.8	2.2	4.3	3
MF-E 21+50	522066	5493211	0.9	22.2	13.5	45	0.2	23.7	7	312	3.29	27.7	0.8	0.8	3	3
22+00	522014	5493210														
MF-E 22+50	521953	5493208	0.2	2.1	8.2	5	<.1	1.4	0.3	21	0.2	1.1	0.2	0.8	0.7	2
23+00	521905	5493198														
MF-E 23+50	521857	5493189	1	15	11.3	18	0.4	5.8	4.3	1108	2.76	13.1	0.8	0.5	2.9	3
MF-E 24+00	521813	5493170	0.8	15.9	7.1	36	<.1	19.1	5.1	206	3.53	26.5	0.6	<.5	4.7	2
MF-E 24+50	521820	5493137	0.5	10.2	16.5	33	0.4	14.3	3.1	163	2.18	19.3	0.4	<.5	2.3	3
MF-E 25+00	521832	5493102	0.9	20	12.6	51	0.1	25.7	7.9	235	3.89	38.3	0.9	1.1	7.6	3
MF-E 25+50	521891	5493072	0.9	27.1	9.9	57	0.1	28.6	14.5	1099	3.56	19.2	1.1	<.5	6.5	4
MF-E 26+00	521939	5493028	0.8	17.2	10.5	57	0.2	22.9	8.4	327	3.37	33.3	0.9	1.4	6.8	3
MF-E 26+50	521964	5492969	0.6	9	11	51	0.1	18.1	6.2	269	2.86	11.4	0.5	<.5	6.3	3
MF-E 27+00	521979	5492911	0.7	18.1	13.6	72	0.4	25.5	11.7	415	2.85	11.7	1	1.2	6.3	4
MF-E 27+50	521984	5492866	0.7	9.6	15.8	52	0.2	9.7	6	307	2.39	7.4	0.8	<.5	3	5
MF-E 28+00	522047	5492839	0.9	19.3	11.5	55	0.3	19.9	7	341	3.27	36.6	1.1	0.5	3.4	8
MF-F 00+00 2007	521560	5493763	0.9	27.8	26	43	0.6	19.1	14.7	1423	2.05	13.6	1.8	0.5	0.4	9
MF-F 00+50N	521611	5493781	1.6	37.3	27.5	45	0.5	17.3	29.7	1513	3.37	68.2	1.8	<.5	1.2	5
MF-F 01+00N	521674	5493787	1.4	79.9	17.7	55	0.3	37.2	22.8	1091	1.67	37.3	11	22.7	0.2	19
MF-F 01+50N	521679	5493844	0.7	18.3	18.2	35	0.4	14.1	30.4	940	1.87	12.3	1.4	<.5	0.2	11
MF-F 02+00N	521687	5493877	0.7	11.9	15.2	53	0.6	17	5	194	2.69	13.9	0.8	1	2.8	6
MF-F 02+50N	521678	5493916	0.9	25	8.5	57	0.3	30.4	7.1	250	4.07	29.1	0.9	2	8.6	2
MF-F 03+00N	521667	5493966	0.7	26.5	12.6	46	0.5	18.4	10.2	315	2.51	15	1.5	2.7	7.5	3
MF-F 03+50N	521635	5494005	0.6	16.2	10.6	53	0.2	21.4	6.5	276	3.25	24.3	0.7	1.2	6.7	3
MF-F 04+00N	521588	5494039	0.9	24.3	24.2	72	0.4	27.4	17.1	290	3.65	27.6	1.1	2.1	8.2	4
MF-F 04+50N	521548	5494077	0.6	16.2	32.7	78	0.3	22.4	9.7	153	2.53	32.4	0.7	1.1	6.7	3
MF-F 05+00N	521532	5494122	0.5	18	48	65	0.3	26.7	12.2	307	2.51	21.2	0.6	1.2	4.9	5
MF-F 05+50N	521492	5494152	0.6	15.5	28.2	52	0.3	20.7	9.8	306	2.28	15.3	0.6	1.3	4.1	4
MF-F 06+00N	521468	5494197	0.6	11.4	23.3	43	0.2	16.3	5.4	120	2.94	15.4	0.6	1.9	4.6	3
MF-F 06+50N	521464	5494244	0.5	13.7	18.1	42	0.1	14.8	5.4	123	2.51	13	0.6	2.1	5.1	3
MF-F 07+00N	521481	5494302	0.5	10	32.6	34	0.1	9.9	3.8	87	2.31	17.1	0.5	2	4.8	2
MF-F 07+50N	521524	5494343	0.6	7.8	33.9	30	0.2	7.2	2.5	70	2.66	15.8	0.4	1	4.3	2
MF-F 08+00N	521535	5494388	0.7	19.7	69.9	57	0.4	20.5	6.5	121	2.8	42.4	0.7	4.3	6.4	3
MF-F 08+50N	521540	5494437	0.6	19.4	82.5	66	0.9	20.6	8.3	354	2.41	42.3	0.9	1.8	6.4	3
MF-F 09+00N	521525	5494484	0.5	12.9	50.9	49	0.4	15.2	6.7	214	2.23	27.1	0.5	2.1	5.5	4
MF-F 09+50N	521539	5494540	0.7	11.4	112.9	43	0.4	11.2	5.4	190	2.22	42.6	0.5	1.3	4.2	3
MF-F 10+00N	521545	5494600	0.6	9.7	204.8	46	1.1	8.7	3.9	80	2.8	67.9	0.7	2.8	4.6	3

Distance	Easting	Northing	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr
MF-F 10+50N	521546	5494623	0.9	13.9	78.9	36	0.5	10.9	4.9	109	2.91	56.2	0.8	1	5.2	2
MF-F 11+00N	521562	5494672	0.8	12.8	44.6	49	0.3	15.3	6.3	107	2.5	49	0.7	1.6	5.8	4
MF-F 11+50N	521543	5494719	1.1	8.3	95.9	43	0.5	9.3	4.1	120	2.48	62.5	0.4	1.3	4.3	3
MF-F 12+00N	521550	5494776	0.8	5.8	37.1	46	0.2	7.8	5.2	297	2.21	27.9	0.4	0.9	3.3	3
12+50	521547	5494838														
MF-F 13+00N	521558	5484880	0.7	9.9	26.9	55	0.2	13.7	5	141	2.76	25.6	0.5	<.5	5.3	4
MF-F 13+50N	521570	5494923	0.6	21.2	20.9	51	<.1	20.5	6.1	162	2.61	24.5	0.9	1.1	7.4	2
MF-F 14+00N	521597	5494975	0.7	17.9	19.2	62	0.2	19.9	8.5	244	3.01	25.7	1	0.6	7	2
MF-F 14+50N	521656	5494982	1.1	49.1	23.6	49	0.5	20.7	6.3	224	3.79	16.7	0.6	<.5	6.5	2
MF-F 15+00N	521690	5495003	1.2	17.1	27.9	46	0.2	16.6	8.5	295	3.69	24.9	0.8	2.1	7.1	3
MF-F 15+50N	521739	5495008	1.1	11	22.2	37	0.4	11.4	3	146	4.36	15.5	0.7	2	4.6	4
MF-F 16+00N	521787	5495032	1.1	25.1	18.2	73	<.1	30.4	9.8	438	4.31	28.2	1.3	1.2	7.6	3
MF-F 16+50N	521842	5495019	0.7	13.1	12.8	55	0.1	20.4	7	306	4.14	19.3	0.8	<.5	6.6	3
MF-F 17+00N	521868	5495006	0.7	7.9	12.1	19	0.1	5.8	2	92	2.06	8.8	0.9	1.2	3.6	3
17+50	521904	5494975														
18+00	521952	5494962														
MF-F 18+50N	522007	5494960	1.2	25.2	25.5	38	0.2	17.5	8.2	299	4.23	38.8	1.4	1.1	4.3	2
MF-F 19+00N	522061	5494950	0.9	42.6	38	74	0.1	35.1	42.6	1201	4.62	72.7	2.6	4.5	2.9	6
19+50	522104	5494974														
MF-F 20+00N	522138	5495005	0.8	39.9	8.9	55	<.1	34.4	11.7	262	3.55	74.9	2.4	0.8	1.9	6
MF-F 20+50N	522175	5495032	1.1	24.3	11.1	41	0.3	27.7	10	147	3.05	86.3	6.9	1.7	5	7
21+00	522213	5495061														
MF-F 21+50N	522254	5495072	0.8	15.8	22.8	61	0.2	22	8	838	2.94	29.7	1.1	0.9	2.5	7
MF-F 22+00N	522311	5495097	1.2	16.9	15	34	0.1	12.6	3.3	141	2.82	20.3	0.7	1.2	4	4
MF-F 22+50N	522350	5495084	0.8	15.4	22.7	49	0.2	16.4	5.3	194	3.06	32.8	0.6	0.9	3.6	3
MF-F 23+00N	522395	5495093	1.1	67.6	109.7	48	0.8	29.7	13.1	619	2.3	31.7	4.9	1.5	1.5	13
MF-F 23+50N	522431	5495115	0.6	6.9	4.4	28	<.1	8.1	3.4	58	1.22	3.9	0.2	1.1	2.9	5
MF-F 24+00N	522478	5495106	0.7	9.7	14	36	<.1	8.3	3.8	98	1.79	3.6	0.2	1	3	3
24+50	522532	5495089														
25+00	522547	5495143														
MF-F 25+50N	522579	5495170	0.6	11.4	37.8	18	<.1	3.3	1.7	37	0.84	3.6	0.4	1.1	1	4
26+00	522603	5495212														
MF-F 26+50N	522654	5495241	0.4	5.2	7.8	12	<.1	2.4	1.4	30	0.53	0.8	0.3	1.2	0.7	4
27+00	522669	5495268														
MF-F 27+50N	522679	5495308	0.7	3.3	8.7	17	<.1	4.2	1.8	52	1.42	2.3	0.3	<.5	2.1	2
MF-F 28+00N	522687	5495377	1.8	10.3	13.7	36	<.1	7.3	3.6	88	3.15	8.8	0.4	0.7	4.5	3
MF-F 28+50N	522687	5495402	1.1	8	14.6	28	<.1	4.8	2.3	60	2.37	9.2	0.6	1.1	3.4	6
MF-F 29+00N	522695	5495459	0.6	7.5	10.5	26	<.1	5.4	2.1	63	1.58	5.5	0.4	<.5	2.2	4
MF-F 29+50N	522711	5495503	1.1	14.3	30.3	90	0.4	9.2	12.2	635	3.14	7.7	0.9	2.4	2	6
MF-F 30+00N	522777	5495538	1.3	24.8	36.1	85	<.1	17.5	11.6	459	2.07	9.5	1	0.7	5.8	3
00+00 2007	518601	5492315														
MF-CC 00+50W	518545	5492323	0.5	23.6	17.4	46	0.2	25.6	7.6	128	2.83	20.6	0.7	0.8	6.7	4
MF-CC 01+00W	518507	5492311	1	25.7	28	69	0.2	29.5	8	232	4.55	15.2	0.7	<.5	5.5	4
MF-CC 01+50W	518477	5492323	0.7	20.1	31.4	68	0.4	19.4	9.2	392	3.19	14.9	0.6	0.6	5.8	5
MF-CC 02+00W	518437	5492333	0.8	15.8	42	67	0.4	11.9	9.8	597	3.02	14.4	0.8	0.5	4.3	4
MF-CC 02+50W	518399	5492374	0.8	12.2	30.2	65	1.2	6.6	6.1	551	2.44	11.1	0.6	<.5	2.5	4
MF-CC 03+00W	518355	5492398	0.7	11.4	23.9	45	0.8	6	3.9	213	1.99	4.6	0.5	0.6	2.3	4
MF-CC 03+50W	518315	5492414	0.8	7.9	38.6	61	0.3	7.7	4.7	222	2.58	11	0.5	<.5	2.9	5
MF-CC 04+00W	518267	5492396	0.5	6.9	44.8	54	0.5	7.1	2.6	124	2.17	12.9	0.3	<.5	2.7	4
MF-CC 04+50W	518212	5492398	0.6	14.2	55.1	95	0.7	15.4	8.2	297	2.8	10	0.7	1.6	3.6	8
MF-CC 05+00W	518163	5492412	0.6	13.7	26.6	61	0.4	16.6	7.6	171	2.55	19.8	0.7	0.9	4.7	5
MF-CC 05+50W	518117	5492442	0.5	16.5	13.1	97	0.4	24.2	15	370	2.29	7.9	1	1.7	4.2	7
MF-CC 06+00W	518083	5492481	0.6	15	43.8	77	0.4	14.2	9	333	2.36	6.7	0.8	1.1	4	8
MF-CC 06+50W	518055	5492511	0.5	7.8	14.7	97	0.3	13	8.1	174	2.31	3.1	0.3	<.5	3.9	7
MF-CC 07+00W	518025	5492570	0.7	9.1	15.9	86	0.2	14.1	12.3	424	2.99	6.1	0.5	<.5	2.9	9
07+50	518000	5492621														
MF-CC 08+00W	517948	5492616	0.3	6	15.2	51	0.2	7.9	3.9	295	1.24	2.2	0.3	<.5	3.4	10
MF-CC 08+50W	517888	5492612	0.8	13.4	20.9	63	0.2	14.3	7.5	180	2.29	5.9	0.8	1	3.1	7
MF-CC 09+00W	517849	5492588	0.7	10.8	37.9	59	0.1	14	4.7	126	2.77	4.5	0.4	3.6	4.2	7
MF-CC 09+50W	517797	5492581	0.4	12.3	28.4	61	0.7	9.9	6	403	1.52	2.5	0.3	<.5	1.1	8
MF-CC 10+00W	517750	5492582	0.5	7.1	42.1	75	0.2	14.5	4.8	131	2.44	5.8	0.3	<.5	2.6	7
MF-CC 10+50W	517697	5492592	0.6	21.8	24.7	89	0.3	32.6	8.1	162	2.36	7.8	0.9	2.3	5	7
MF-CC 11+00W	517640	5492593	0.5	12.5	24.6	94	0.1	21.2	11.7	1224	2.34	6.4	0.5	<.5	2.6	14
MF-CC 11+50W	517586	5492600	0.5	14.5	24.2	230	0.3	45.7	15.8	362	2.24	7.1	0.6	0.8	3.5	8
MF-CC 12+00W	517527	5492580	0.8	11.9	24.8	103	0.7	14.1	5.3	163	2.89	6	0.4	<.5	3.7	5
MF-CC 12+50W	517488	5492589	0.8	16.8	16.2	96	0.2	20.9	8.5	313	3.04	6.4	0.4	0.9	3.6	6
MF-CC 13+00W	517445	5492616	0.5	12.6	14	107	0.4	17.9	9.8	605	2.42	7	0.5	<.5	4	8
13+50	517375	5492605														
MF-CC 14+00W	517325	5492598	0.3	10.5	16	93	0.2	13	11.3	1082	1.48	2.8	0.3	0.7	1	19
MF-CC 14+50W	517274	5492602	0.4	19.1	25	253	0.3	51.5	13.8	1428	2.07	3.4	0.6	<.5	2.9	41
MF-CC 15+00W	517228	5492602	0.6	27.6	13.9	150	0.4	48.9	19	517	2.47	5.1	0.9	2.2	4.2	15
MF-CC 15+50W	517170	5492603	0.5	13	11.6	218	0.9	69.8	13.7	815	1.66	5.1	0.8	0.9	3.2	25
MF-CC 16+00W	517112	5492599	0.5	8.3	10.6	117	0.3	27.4	11.2	555	1.74	1.6	0.3	<.5	3.2	11
MF-CC 16+50W	517067	5492601	0.9	12.5	17.2	157	0.3	44.6	12.3	191	1.89	2	0.4	<.5	3.9	22
MF-CC 17+00W	517019	5492599	1.1	10.4	15	174	0.4	32.7	12.3	606	2.02	2	0.4	<.5	3.2	36
MF-CC 17+50W	516974	5492557	1.8	8.8	20.9	315	0.6	28.2	15.5	1084	1.72	2.6	0.6	<.5	2.6	22
MF-CC 18+00W	516940	5492529	5.2	17.2	11.1	124	0.2	34.7	11	334	2.18	1.6	0.8	<.5	5.2	20
MF-CC 18+50W	516903	5492523	3	13.8	21.1	134	0.2	30.5	10.6	475	2.17	2	0.6	<.5	4.5	20
MF-CC 19+00W	516850	5492490	1.3	11	12	136	0.3	35.6	6.8	613	1.51	2.6	0.5	2.1	2.6	27
MF-CC 19+50W	516820	5492455	3.8	13.1	14.2	136	0.2	35.1	9.3	591	1.92	3.3	0.5	1.5	3.7	15
MF-CC 20+00W	516793	5492418	2.7	12.2	8.7	84	0.1	29.3	8.2	467	1.72	1.5	0.4	1.2	3.7	10
MF-CC 20+50W	516755	5492406	1.5	15.6	12.1	98	<.1	28.8	8.3	440	1.79	1.8	0.4	<.5	4.9	15

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.5	0.1	1	19	0.07	0	9.0	14	0	116.000	0.084	2	3.06	0.014	0.1	0.4	0	2.4	0.1	<.05	7	<.5	<1
0.2	0.1	2	12	0.06	0	18.0	18	1	69.000	0.037	<1	1.17	0.003	0.1	1.8	0	1.1	0.1	<.05	3	<.5	<1
0.1	0.1	1	25	0.12	0	34.0	27	0	142.000	0.063	1	2.83	0.011	0.1	0.5	0	2.2	0.1	<.05	8	<.5	<1
<.1	<.1	0	15	0.04	0	19.0	30	1	56.000	0.013	1	1.67	0.004	0.0	0.4	<.01	1.3	<.1	<.05	4	<.5	<1
0.2	0.2	1	27	0.13	0	13.0	23	0	159.000	0.103	<1	3.48	0.013	0.1	0.4	0	2.6	0.1	<.05	9	<.5	<1
0.1	0.1	1	28	0.06	0	21.0	32	1	95.000	0.06	2	2.6	0.007	0.1	0.4	0	2.7	0.1	<.05	7	<.5	<1
0.2	0.3	0	31	0.08	0	10.0	15	0	108.000	0.159	1	4.75	0.016	0.0	0.4	0	2.9	0.1	<.05	12	0.5	<1
0.1	0.1	1	25	0.14	0	18.0	24	1	60.000	0.052	2	1.57	0.007	0.0	0.5	0	1.8	0.1	<.05	5	<.5	<1
0.1	0.1	1	29	0.11	0	24.0	25	1	127.000	0.076	1	3.11	0.011	0.1	0.4	0	2.3	0.1	<.05	8	<.5	<1
0.2	0.1	1	18	0.13	0	18.0	21	1	71.000	0.048	2	1.97	0.008	0.1	0.6	0	1.5	0.1	<.05	5	<.5	<1
0.1	0.1	2	21	0.09	0	41.0	28	1	76.000	0.035	3	2.11	0.004	0.1	0.7	0	3.5	0.2	<.05	6	<.5	<1
<.1	0.1	1	18	0.12	0	29.0	33	1	41.000	0.019	1	1.6	0.005	0.1	0.9	0	1.5	<.1	<.05	5	<.5	<1
0.2	0.2	1	29	0.08	0	14.0	24	0	143.000	0.087	2	2.93	0.01	0.1	0.5	0	2.4	0.1	<.05	8	<.5	<1
0.2	0.2	5	27	0.11	0	21.0	28	1	93.000	0.062	1	2.41	0.009	0.1	1.6	0	2.2	0.1	<.05	8	<.5	<1
0.1	0.1	1	17	0.09	0	19.0	18	0	67.000	0.034	1	1.3	0.005	0.1	0.5	0	1.3	0.1	<.05	4	<.5	<1
0.4	0.5	0	22	0.07	0	5.0	9	0	199.000	0.103	<1	2.67	0.015	0.0	0.3	0	1.3	0.1	<.05	7	<.5	<1
0.4	0.2	0	23	0.08	0	5.0	11	0	102.000	0.126	1	3.35	0.019	0.0	0.3	0	1.6	0.1	<.05	10	<.5	<1
0.2	0.3	1	21	0.1	0	12.0	16	0	114.000	0.084	1	1.97	0.013	0.1	0.4	0	1.5	0.1	<.05	6	<.5	<1
0.1	0.1	1	20	0.14	0	16.0	20	0	132.000	0.065	1	1.61	0.012	0.1	0.4	0	1.7	0.1	<.05	5	<.5	<1
0.1	0.2	1	16	0.1	0	19.0	16	0	66.000	0.036	<1	1.14	0.007	0.1	0.3	0	1.2	0.1	<.05	5	<.5	<1
0.2	0.3	0	24	0.12	0	7.0	15	0	112.000	0.106	<1	2.77	0.015	0.1	0.3	0	1.6	0.1	<.05	8	<.5	<1
0.1	0.3	0	24	0.09	0	5.0	10	0	83.000	0.12	1	2.69	0.017	0.1	0.2	0	1.3	0.1	<.05	9	<.5	<1
0.1	0.2	1	20	0.12	0	14.0	19	0	102.000	0.07	1	1.88	0.012	0.1	0.3	0	1.7	0.1	<.05	6	<.5	<1
0.1	0.3	0	24	0.09	0	11.0	16	0	113.000	0.102	1	2.44	0.016	0.1	0.3	0	1.2	0.1	<.05	9	<.5	<1
0.1	0.1	1	21	0.09	0	17.0	23	0	95.000	0.062	1	1.96	0.009	0.1	0.6	0	1.7	0.1	<.05	6	<.5	<1
0.2	0.2	1	26	0.12	0	13.0	20	0	128.000	0.091	1	2.83	0.012	0.1	0.7	0	2.1	0.1	<.05	8	<.5	<1
0.1	0.1	1	17	0.08	0	17.0	20	0	74.000	0.033	<1	1.27	0.006	0.1	0.4	0	1	0.1	<.05	5	<.5	<1
0.2	0.1	1	19	0.1	0	18.0	28	1	92.000	0.051	<1	2	0.008	0.1	0.6	0	1.6	0.1	<.05	6	<.5	<1
0.1	0.2	1	22	0.1	0	19.0	30	1	118.000	0.062	1	2.45	0.01	0.1	0.5	0	1.8	0.1	<.05	8	<.5	<1
0.2	0.2	1	22	0.11	0	18.0	31	1	103.000	0.057	2	2.39	0.01	0.1	0.5	0	1.8	0.1	<.05	8	<.5	<1
0.1	0.1	1	24	0.08	0	24.0	43	1	127.000	0.046	1	3	0.008	0.1	0.7	0	2.5	0.2	<.05	9	<.5	<1
<.1	0.1	1	23	0.1	0	30.0	46	1	66.000	0.043	1	2.31	0.007	0.1	0.8	0	2.4	0.1	<.05	7	<.5	<1
0.1	0.1	1	18	0.08	0	18.0	24	0	71.000	0.034	<1	1.51	0.005	0.1	0.6	0	1.2	0.1	<.05	5	<.5	<1
0.2	0.2	0	32	0.07	0	8.0	17	0	133.000	0.145	2	3.07	0.016	0.1	0.3	0	2	0.1	<.05	12	<.5	<1
0.5	0.4	1	27	0.21	0	12.0	17	0	166.000	0.055	<1	1.31	0.009	0.1	0.3	0	1.3	0.1	<.05	8	<.5	<1
0.1	0.3	1	29	0.07	0	14.0	29	1	158.000	0.084	1	3.02	0.01	0.1	1	0	2.4	0.2	<.05	9	<.5	<1
0.2	0.2	1	26	0.17	0	14.0	27	1	146.000	0.074	2	2.49	0.014	0.1	0.7	0	2.2	0.2	<.05	8	<.5	<1
<.1	0.1	1	21	0.11	0	22.0	27	1	60.000	0.052	<1	1.64	0.007	0.2	1.5	0	2	0.1	<.05	5	<.5	<1
<.1	0.1	1	18	0.19	0	18.0	19	0	67.000	0.042	1	1.07	0.008	0.1	0.7	0	1.5	0.1	<.05	3	<.5	<1
0.1	0.1	1	16	0.13	0	21.0	20	0	65.000	0.048	2	1.13	0.007	0.1	0.5	0	1.6	0.1	<.05	4	0.5	<1
0.1	0.1	1	19	0.1	0	17.0	21	0	101.000	0.041	1	1.73	0.007	0.1	1.1	0	1.8	0.1	<.05	5	0.5	<1
0.1	0.1	1	20	0.16	0	16.0	21	1	60.000	0.037	2	1.3	0.006	0.1	0.7	0	1.4	0.1	<.05	5	<.5	<1
0.2	0.1	1	34	0.14	0	33.0	33	1	143.000	0.145	3	3.37	0.012	0.3	0.3	0	3.6	0.4	<.05	9	0.5	<1
0.1	0.1	1	30	0.23	0	18.0	32	1	88.000	0.164	1	2.63	0.01	0.6	0.2	0	2.9	0.3	<.05	8	0.6	<1
0.1	0.2	1	32	0.16	0	11.0	38	1	138.000	0.145	<1	2.74	0.019	0.8	0.3	0	3.6	0.3	<.05	8	0.5	<1
<.1	0.1	1	25	0.28	0	13.0	30	1	73.000	0.098	1	1.95	0.025	0.5	0.5	0	2.9	0.2	<.05	6	0.5	<1
0.2	0.1	1	16	0.2	0	23.0	25	1	50.000	0.029	2	1.33	0.006	0.1	0.8	0	1.6	0.1	<.05	4	<.5	<1
<.1	0.4	1	18	0.04	0	20.0	33	1	40.000	0.03	<1	1.54	0.003	0.1	0.5	0	1.6	0.1	<.05	5	<.5	<1
0.1	0.1	1	15	0.07	0	15.0	25	1	85.000	0.026	1	1.42	0.005	0.1	0.7	0	1.2	0.1	<.05	4	<.5	<1
0.1	0.2	1	22	0.16	0	13.0	22	0	215.000	0.09	1	2.95	0.016	0.1	1.6	0	1.9	0.1	<.05	7	<.5	<1
0.2	0.2	1	22	0.15	0	10.0	19	0	137.000	0.087	2	2.22	0.014	0.1	1.1	0	1.2	0.1	<.05	8	<.5	<1
0.9	0.2	1	21	0.16	0	12.0	22	0	198.000	0.082	2	2.65	0.015	0.1	1.8	0	1.4	0.1	<.05	7	<.5	<1
1.8	0.1	1	21	0.2	0	13.0	21	0	212.000	0.101	4	2.64	0.017	0.1	1.7	0	1.9	0.2	<.05	7	<.5	<1
1.7	0.2	2	20	0.21	0	16.0	25	1	229.000	0.077	1	2.33	0.012	0.1	1.7	0	1.7	0.2	<.05	7	<.5	<1
0.1	0.1	2	20	0.09	0	20.0	33	1	46.000	0.042	<1	1.66	0.004	0.2	1.8	<.01	2.1	0.2	<.05	5	<.5	<1
0.4	0.1	3	22	0.15	0	20.0	35	1	52.000	0.068	1	1.8	0.004	0.3	11	0	1.8	0.4	<.05	5	<.5	<1
0.2	0.1	3	17	0.15	0	17.0	23	1	67.000	0.054	<1	1.39	0.009	0.2	5.2	0	1.6	0.3	<.05	4	<.5	<1
0.8	0.1	2	22	0.13	0	15.0	31	1	116.000	0.069	2	2.1	0.01	0.2	4.3	0	1.8	0.3	<.05	6	<.5	<1
0.4	<.1	4	19	0.22	0	20.0	29	1	60.000	0.063	<1	1.41	0.009	0.3	9.1	0	1.6	0.3	<.05	4	<.5	<1
0.4	0.1	4	28	0.44	0	19.0	40	1	101.000	0.092	2	1.68	0.016	0.5	13	0	2.1	0.4	<.05	5	<.5	<1
0.1	0.1	2	19	0.13	0	16.0	31	1	95.000	0.068	2	1.75	0.008	0.3	3.3	0	1.7	0.3	<.05	5	<.5	<1
0.2	0.1	1	18	0.09	0	17.0	28	1	93.000	0.061	<1	1.93	0.007	0.3	2.1	0	1.8	0.2	<.05	5	<.5	<1
0.1	0.1	1	18	0.14	0	26.0	21	1	84.000	0.147	1	1.71	0.005	0.8	0.9	0	1.5	0.4	<.05	5	<.5	<1
0.1	0.3	1	21	0.15	0	13.0	22	1	144.000	0.084	2	1.89	0.006	0.3	1.7	0	2.1	0.2	<.05	5	<.5	<1
0.1	0.1	1	17	0.11	0	18.0	26	1	58.000	0.046	1	1.53	0.007	0.2	2.2	0	1.3	0.2	<.05	4	<.5	<1
0.2	0.1	1	18	0.07	0	18.0	24	1	62.000	0.068	<1	1.65	0.005	0.3	1.7	0	1.8	0.2	<.05	4	<.5	<1
0.2	0.1	1	20	0.1	0	15.0	27	1	115.000	0.053	1	2.09	0.01	0.1	2.1	0	1.4	0.1	<.05	6	<.5	<1
0.1	0.2	1	16	0.13	0	18.0	19	1	60.000	0.048	2	1.16	0.003	0.2	2.2	0	1.4	0.2	<.05	3	<.5	<1
0.2	0.2	1	23	0.08	0	16.0	25	1	78.000	0.068	1	1.69	0.004	0.3	3	0	2	0.2	<.05	5	<.5	<1
0.6	0.3	1	18	0.29	1	8.0	17	0	362.000	0.069	4	2.73	0.018	0.1	0.3	0	1.7	0.1	<.05	6	<.5	<1
0.7	0.7	0	19	0.61	0	14.0	29	1	173.000	0.034	3	1.63	0.01	0.1	0.4	0	1.4	0.1	<.05	5	<.5	<1
0.3	0.3	1	20	0.2	0	17.0	30	1	131.000	0.031	2	1.76	0.006	0.1	0.8	0	1.6	0.1	<.05	6	<.5	<1
0.5	0.2	3	21	0.15	0.144	9	19.0	0.54	184	0.108	<1	2.37	0.016	0.14	2.8	0.02	2	0.3	<.05	7.0	<.5	<1
0.6	0.1	5.2	16	0.24	0.152	10	14.0	0.31	365	0.060	<1	1.38	0.012	0.12	1.3	0.03	1	0.2	<.05	5.0	<.5	<1
0.3	0.2	1.2	23	0.12	0.176	7	17.0	0.42	156	0.133	<1	3.5	0.017	0.09	3.1	0.03	2	0.2	<.05	8.0	<.5	<1
1.1	0.3	1.4	21	0.17	0.184	22	13.0	0.28	117	0.138	<1	3.35	0.022	0.08	1.8	0.05	3	0.2	<.05	8.0	<.5	<1
0.5	0.2	0.9	21	0.2	0.111	8	19.0	0.41	333	0.091	1	2.02	0.015	0.13	1.8	0.02	1	0.2	<.05	7.0	<.5	<1
0.1	0.3	0.8	25	0.15	0.161	7	20.0	0.47	181	0.119	<1	3.32	0.018	0.1	1.6	0.04	2	0.1	<.05	8.0	<.5	<1
0.2	0.1	1.6	28	0.16	0.085	8	26.0	0.55	284	0.102	1	2.39	0.016	0.13	2.0	0.02	2	0.2	<.05	8.0	<.5	<1
0.5	0.3	2.5	29	0.32	0.177	8	24.0	0.62	317	0.106	1	2.39	0.017	0.12	1.9	0.02	1	0.2	0.1	8.0	<.5	<1
0.2	0.2	3.6	40	0.29	0.071	12	36.0	1.18	124	0.135	1	3.46	0.016	0.18	0.7	0.02	2	0.2	0.1	8.0	0.8	<1
0.1	0.1	0.6	24	0.09	0.032	12	27.0	0.85	87	0.063	<1	1.84	0.007	0.07	0.8	0.01	1	0.1	0.1	6.0	<.5	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.2	0.3	0.7	33	0.15	0.153	7	24.0	0.65	191	0.140	<1	3.6	0.016	0.08	0.6	0.02	2	0.2	<.05	9.0	<.5	<1
0.2	0.3	0.7	25	0.14	0.08	10	21.0	0.54	122	0.085	1	2.08	0.01	0.06	0.7	0.03	1	0.1	<.05	8.0	<.5	<1
0.2	0.3	0.8	32	0.14	0.063	7	24.0	0.57	98	0.122	<1	3.27	0.014	0.06	0.8	0.04	2	0.1	<.05	9.0	<.5	<1
0.2	0.3	0.5	23	0.13	0.098	11	31.0	0.79	128	0.065	2	2.11	0.009	0.08	1.7	0.03	2	0.1	<.05	7.0	<.5	<1
0.1	<.1	0.7	27	0.19	0.041	9	25.0	0.76	134	0.082	1	2.36	0.011	0.09	0.8	0.01	1	0.1	<.05	7.0	<.5	<1
0.2	0.2	0.5	34	0.2	0.051	7	36.0	1.08	138	0.119	1	3.21	0.013	0.11	0.6	0.02	2	0.1	<.05	10.0	<.5	<1
0.4	0.4	0.3	23	0.16	0.28	8	19.0	0.4	100	0.097	2	3.24	0.018	0.06	0.7	0.03	1	0.1	<.05	8.0	<.5	<1
0.2	0.3	0.7	20	0.21	0.131	17	29.0	0.78	94	0.034	<1	3.02	0.008	0.07	0.1	0.04	1	0.1	<.05	7.0	<.5	<1
0.1	0.2	0.8	17	0.2	0.092	23	33.0	0.91	24	0.039	2	2.58	0.016	0.05	0.8	0.02	2	<.1	0.1	6.0	0.6	<1
0.2	0.1	0.8	38	0.26	0.04	14	43.0	1.37	91	0.138	1	3.72	0.012	0.35	3.1	0.01	2	0.3	<.05	10.0	<.5	<1
0.1	0.1	0.3	37	0.26	0.041	13	56.0	1.46	121	0.109	1	3.8	0.01	0.23	2.9	0.02	3	0.2	<.05	10.0	<.5	<1
0.2	0.2	0.4	35	0.28	0.077	9	32.0	0.87	117	0.133	3	3.68	0.024	0.11	1.1	0.04	2	0.2	<.05	10.0	<.5	<1
0.1	0.4	0.5	15	0.07	0.06	34	33.0	0.95	19	0.023	2	1.89	0.006	0.05	0.6	0.01	2	<.1	<.05	5.0	<.5	<1
0.5	0.3	0.4	23	0.24	0.12	15	21.0	0.45	116	0.078	3	3.06	0.017	0.07	0.2	0.04	2	0.1	<.05	9.0	0.5	<1
0.6	0.2	0.5	29	0.44	0.206	17	30.0	0.78	113	0.091	2	3.39	0.021	0.15	0.5	0.04	2	0.2	<.05	8.0	0.6	<1
0.8	0.6	1.3	25	0.73	0.074	25	35.0	1.03	103	0.096	3	3.26	0.059	0.2	1.2	0.04	3	0.3	0.2	6.0	0.6	<1
0.3	0.2	3.3	35	0.27	0.037	21	42.0	1.17	115	0.121	2	4.38	0.015	0.19	1.5	0.03	3	0.3	0.1	10.0	<.5	<1
0.7	0.4	0.5	26	0.43	0.054	17	32.0	0.84	281	0.064	3	2.64	0.014	0.13	0.2	0.02	2	0.2	<.05	8.0	<.5	<1
0.3	0.7	0.5	20	0.28	0.057	11	23.0	0.57	76	0.076	2	2.25	0.019	0.09	0.3	0.05	2	0.1	<.05	6.0	<.5	<1
0.3	0.2	0.9	30	0.2	0.098	9	29.0	0.8	201	0.103	2	3.28	0.019	0.15	0.6	0.02	2	0.2	<.05	9.0	<.5	<1
0.3	0.3	0.3	21	0.26	0.065	16	25.0	0.52	126	0.063	2	2.51	0.019	0.11	0.3	0.03	2	0.2	<.05	7.0	<.5	<1
0.1	0.3	0.3	17	0.32	0.213	15	20.0	0.47	136	0.067	2	2.48	0.015	0.11	0.3	0.04	2	0.1	<.05	7.0	<.5	<1
0.1	0.2	0.4	20	0.16	0.09	18	26.0	0.57	92	0.039	2	2.06	0.008	0.08	0.4	0.02	1	0.1	<.05	6.0	<.5	<1
0.2	0.2	0.6	25	0.22	0.194	59	35.0	0.85	106	0.043	2	2.88	0.01	0.1	2.5	0.02	2	0.1	<.05	9.0	<.5	<1
0.2	0.2	0.5	18	0.13	0.13	21	26.0	0.57	132	0.024	2	1.78	0.009	0.09	1.0	0.01	1	0.1	<.05	6.0	<.5	<1
0.2	0.2	0.5	20	0.16	0.21	18	25.0	0.51	239	0.058	2	2.07	0.012	0.09	0.6	0.02	2	0.1	<.05	7.0	<.5	<1
0.1	0.3	0.6	24	0.12	0.089	16	19.0	0.39	162	0.094	2	2.83	0.014	0.06	0.8	0.04	2	0.1	<.05	8.0	<.5	<1
0.1	0.3	0.8	27	0.15	0.135	11	28.0	0.66	134	0.092	1	2.91	0.011	0.08	1.2	0.03	2	0.1	<.05	9.0	<.5	<1
0.2	0.4	0.9	28	0.19	0.104	12	23.0	0.46	135	0.095	3	2.54	0.015	0.09	0.9	0.02	2	0.1	<.05	9.0	<.5	<1
0.1	0.3	0.6	25	0.11	0.036	15	35.0	0.85	53	0.036	2	1.81	0.005	0.05	0.9	0.02	1	0.1	<.05	7.0	<.5	<1
0.5	0.2	3	19	0.23	0.125	13	19.0	0.51	267	0.100	<1	2.06	0.017	0.16	3.2	0.03	2	0.3	<.05	7.0	<.5	<1
0.3	0.2	2.4	20	0.17	0.082	9	22.0	0.62	231	0.101	<1	2.4	0.015	0.2	2.3	0.03	1	0.3	<.05	7.0	<.5	<1
0.3	0.3	13	20	0.09	0.029	13	20.0	0.56	201	0.058	<1	2	0.006	0.16	3.7	0.03	1	0.3	<.05	6.0	<.5	<1
1.4	0.3	5.6	20	0.46	0.126	16	14.0	0.4	360	0.087	1	1.91	0.014	0.2	2.8	0.06	2	0.5	0.1	6.0	<.5	<1
0.6	0.2	1.6	25	0.19	0.113	14	26.0	0.77	260	0.077	1	2.02	0.011	0.23	1.8	0.03	2	0.3	<.05	7.0	<.5	<1
0.2	0.1	2.9	25	0.11	0.045	18	26.0	0.79	102	0.083	1	2.54	0.012	0.26	1.2	0.02	2	0.4	<.05	7.0	<.5	<1
0.2	0.3	0.4	20	0.18	0.169	23	20.0	0.53	96	0.103	<1	3.17	0.023	0.08	1.0	0.05	3	0.2	<.05	8.0	<.5	<1
0.1	0.1	1.1	18	0.08	0.042	14	26.0	0.93	109	0.049	<1	1.63	0.006	0.1	1.8	0.01	1	0.2	<.05	5.0	<.5	<1
0.3	0.3	4.7	20	0.18	0.103	17	22.0	0.64	327	0.073	1	2.49	0.012	0.17	4.0	0.03	2	0.3	<.05	7.0	<.5	<1
0.2	0.3	1.7	24	0.15	0.06	19	25.0	0.81	154	0.076	<1	2.47	0.008	0.14	3.6	0.04	2	0.4	<.05	7.0	<.5	<1
0.1	0.2	0.9	28	0.18	0.057	18	41.0	1.21	209	0.091	<1	2.7	0.009	0.5	1.2	0.02	2	0.3	<.05	8.0	<.5	<1
0.3	0.2	1.1	26	0.28	0.082	16	28.0	0.9	260	0.107	2	2.7	0.019	0.26	1.3	0.03	2	0.3	<.05	8.0	<.5	<1
0.2	0.2	0.8	21	0.16	0.042	12	26.0	0.97	84	0.060	<1	1.96	0.005	0.13	1.2	0.01	1	0.1	<.05	5.0	<.5	<1
0.2	0.3	0.5	22	0.19	0.056	12	23.0	0.8	193	0.078	<1	2.72	0.014	0.11	0.6	0.04	1	0.1	<.05	8.0	<.5	<1
0.3	0.1	0.7	19	0.14	0.073	18	22.0	0.79	112	0.068	<1	2.1	0.009	0.14	1.0	0.02	1	0.2	<.05	6.0	<.5	<1
0.1	0.1	0.5	16	0.11	0.069	18	22.0	0.94	85	0.067	1	1.8	0.006	0.26	0.5	0.02	1	0.2	<.05	5.0	<.5	<1
0.1	0.2	0.5	18	0.19	0.067	12	17.0	0.68	133	0.077	<1	2.22	0.011	0.13	0.4	0.02	1	0.1	<.05	6.0	<.5	<1
0.2	0.4	0.8	22	0.22	0.067	17	24.0	0.75	129	0.064	<1	2.83	0.01	0.12	0.6	0.03	1	0.1	<.05	7.0	<.5	<1
0.1	0.2	0.4	17	0.19	0.054	18	29.0	0.95	95	0.020	<1	1.95	0.013	0.09	0.4	0.02	1	0.1	<.05	6.0	<.5	<1
0.1	0.3	0.5	19	0.13	0.124	14	22.0	0.66	131	0.052	<1	2.37	0.011	0.08	0.3	0.04	1	0.1	<.05	6.0	<.5	<1
0.1	0.1	0.7	18	0.17	0.08	10	19.0	0.63	143	0.051	2	2.31	0.008	0.07	0.4	0.03	1	0.1	<.05	6.0	<.5	<1
0.1	0.1	0.4	15	0.09	0.063	15	23.0	0.82	54	0.032	1	2.09	0.006	0.06	0.3	0.02	1	<.1	<.05	5.0	<.5	<1
0.1	0.4	0.5	19	0.04	0.045	16	26.0	0.81	66	0.033	<1	2.38	0.006	0.08	0.3	0.01	1	0.1	<.05	7.0	<.5	<1
0.1	0.3	0.4	18	0.08	0.066	14	20.0	0.59	166	0.033	1	1.85	0.006	0.09	0.3	0.02	1	0.1	<.05	6.0	<.5	<1
0.2	0.4	0.8	17	0.1	0.053	18	22.0	0.46	97	0.019	1	1.52	0.006	0.08	0.4	0.03	1	0.1	<.05	5.0	<.5	<1
0.2	0.3	0.7	24	0.19	0.049	30	42.0	0.86	75	0.043	2	2.7	0.009	0.08	0.4	0.04	2	0.1	<.05	7.0	0.5	<1
0.3	0.4	1.6	24	0.18	0.109	16	21.0	0.77	163	0.067	1	2.23	0.011	0.11	5.2	0.02	2	0.1	<.05	6.0	<.5	<1
0.2	0.4	0.5	24	0.17	0.058	14	24.0	0.55	154	0.082	1	3.21	0.015	0.07	0.6	0.04	2	0.1	<.05	8.0	<.5	<1
0.7	0.5	0.5	19	0.18	0.069	20	35.0	0.78	134	0.025	1	1.65	0.009	0.06	0.3	0.04	1	0.1	<.05	6.0	<.5	<1
0.3	0.1	1.1	21	0.2	0.121	20	27.0	0.62	187	0.057	<1	2.09	0.012	0.13	0.3	0.03	2	0.1	<.05	7.0	<.5	<1
0.5	0.2	1.1	20	0.3	0.163	19	30.0	0.65	188	0.055	2	2.41	0.013	0.14	0.2	0.03	2	0.1	<.05	7.0	<.5	<1
0.1	0.1	2.6	20	0.09	0.111	23	34.0	0.71	178	0.037	<1	2.1	0.008	0.17	0.4	0.01	2	0.2	<.05	6.0	<.5	<1
0.1	0.1	1.9	22	0.21	0.15	21	36.0	0.83	113	0.046	2	2.36	0.01	0.15	0.3	0.02	2	0.1	<.05	7.0	<.5	<1
0.3	0.2	0.8	20	0.17	0.158	13	27.0	0.53	143	0.063	<1	2.7	0.015	0.11	0.4	0.03	2	0.1	<.05	7.0	<.5	<1
0.2	0.2	1.8	18	0.2	0.13	17	25.0	0.48	227	0.059	1	2.23	0.013	0.1	0.4	0.02	2	0.2	<.05	7.0	<.5	<1
0.2	0.1	1.5	35	0.18	0.067	15	46.0	1.06	166	0.120	1	3.65	0.011	0.45	1.2	0.02	3	0.3	<.05	10.0	<.5	<1
0.2	0.3	0.8	19	0.28	0.19	14	25.0	0.63	161	0.050	2	2.6	0.011	0.1	0.6	0.02	1	0.1	<.05	7.0	<.5	<1
0.1	0.2	0.9	19	0.07	0.118	14	26.0	0.64	99	0.054	<1	2.61	0.009	0.05	0.5	0.03	2	0.1	<.05	7.0	<.5	<1
0.4	0.2	0.7	16	0.14	0.071	25	27.0	0.81	79	0.029	<1	2.07	0.008	0.13	0.6	0.06	1	0.1	<.05	5.0	<.5	<1
0.2	0.3	0.5	19	0.08	0.137	17	24.0	0.54	79	0.020	<1	1.58	0.007	0.05	0.4	0.02	1	0.1	<.05	6.0	<.5	<1
0.1	0.2	0.7	18	0.04	0.05	20	26.0	0.8	45	0.035	<1	1.64	0.005	0.09	0.7	0.03	1	0.1	0.1	5.0	<.5	<1
0.1	0.1	0.8	19	0.11	0.052	18	31.0	0.87	70	0.039	<1	1.9	0.006	0.08	0.6	0.01	1	0.1	<.05	5.0	<.5	<1
0.1	0.1	0.6	19	0.08	0.058	15	27.0	0.95	73	0.050	<1	2.04	0.005	0.13	0.6	0.02	1	0.1	<.05	6.0	<.5	<1
0.1	0.3	0.4	20	0.1	0.071	18	22.0	0.66	49	0.042	1	1.34	0.005	0.08	0.5	0.03	1	0.1	0.1	6.0	<.5	<1
0.1	0.2	0.6	18	0.08	0.092	15	20.0	0.8	55	0.093	<1	1.81	0.007	0.22	0.7	0.04	1	0.2	<.05	5.0	<.5	<1
0.2	0.2	0.5	19	0.12	0.143	10	15.0	0.39	138	0.077	1	2.08	0.013	0.08	0.8	0.05	1	0.1	<.05	6.0	<.5	<1
0.1	0.2	1.1	25	0.19	0.075	18	23.0	0.71	199	0.143	1	3.73	0.02	0.22	1.5	0.05	2	0.2	<.05	9.0	<.5	<1
0.2	0.2	1.4	21	0.2	0.057	13	28.0	0.83	109	0.077	1	2	0.009	0.18	2.4	0.03	1	0.2	<.05	6.0	<.5	<1
0.2	0.1	1.6	20	0.1	0.179	10	24.0	0.59	138	0.074	1	2.36	0.013	0.11	2.0	0.03	2	0.2	<.05	6.0	<.5	<1
0.1	0.1	3.4	24	0.15	0.067	30	39.0	0.93	141	0.064	1	3.04	0.012	0.14	4.9	0.05	2	0.2	<.05	7.0	<.5	<1
0.1	0.1	3.2	23	0.21	0.027	23	29.0	0.91	62	0.086	1	1.9	0.013	0.38	5.0	0.05	2	0.3	0.1	6.0	<.5	<1
0.5	0.3	1.2	22	0.34	0.064	12	16.0	0.35	160	0.112	2	2.23	0.017	0.13	1.2	0.11	2	0.2	<.05	7.0	<.5	<1
0.2	0.2	1.7	19	0.21	0.046	9	17.0	0.48	73	0.093	2	2.17	0.016	0.11	1.6	0.03	1	0.1	<.05	6.0	<.5	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.8	0.2	1.4	15	0.21	0.21	8	13.0	0.37	130	0.089	2	2.16	0.015	0.13	0.9	0.06	2	0.2	<.05	6.0	<.5	<1
0.4	0.2	7.1	19	0.14	0.202	10	20.0	0.61	211	0.092	4	2.16	0.015	0.17	3.3	0.03	2	0.3	<.05	7.0	<.5	<1
0.1	<.1	1	14	0.1	0.024	25	20.0	0.73	44	0.048	1	1.45	0.006	0.13	1.1	0.02	1	0.2	0.1	4.0	<.5	<1
0.4	0.2	1.9	21	0.17	0.19	12	21.0	0.65	233	0.095	1	1.84	0.016	0.13	5.0	0.04	2	0.3	0.1	6.0	<.5	<1
0.3	0.2	0.9	20	0.09	0.22	7	10.0	0.22	207	0.084	3	1.5	0.028	0.08	0.3	0.04	1	0.2	<.05	6.0	<.5	<1
0.1	0.1	0.9	15	0.1	0.069	13	17.0	0.49	161	0.052	1	1.63	0.009	0.09	1.0	0.01	1	0.2	<.05	5.0	<.5	<1
0.1	0.1	0.7	20	0.15	0.062	14	22.0	0.73	208	0.114	2	2.48	0.014	0.15	0.9	0.03	2	0.2	<.05	7.0	<.5	<1
0.1	0.1	0.8	15	0.14	0.041	12	19.0	0.74	165	0.090	1	1.78	0.007	0.16	0.8	0.02	1	0.2	<.05	5.0	<.5	<1
0.1	0.3	0.5	18	0.25	0.181	7	13.0	0.31	147	0.113	2	2.79	0.019	0.1	0.8	0.06	2	0.1	<.05	6.0	<.5	<1
0.2	0.2	0.8	17	0.17	0.086	7	15.0	0.4	165	0.070	3	2.08	0.011	0.08	0.5	0.03	2	0.1	<.05	6.0	<.5	<1
0.2	0.2	0.5	22	0.17	0.112	13	14.0	0.35	123	0.138	2	3.23	0.037	0.08	0.6	0.02	3	0.1	<.05	7.0	<.5	<1
0.3	0.2	0.4	21	0.17	0.264	7	11.0	0.17	219	0.131	2	3.15	0.022	0.06	0.6	0.03	2	0.1	<.05	7.0	<.5	<1
0.2	0.2	0.3	19	0.19	0.203	6	10.0	0.16	172	0.140	2	2.64	0.018	0.05	0.3	0.04	2	0.1	<.05	7.0	<.5	<1
0.2	0.1	0.6	21	0.1	0.094	15	15.0	0.32	178	0.123	2	3.19	0.018	0.08	0.4	0.05	3	0.1	<.05	7.0	<.5	<1
0.3	0.2	0.7	18	0.12	0.239	7	11.0	0.19	246	0.111	2	2.12	0.016	0.06	1.6	0.05	2	0.1	<.05	7.0	<.5	<1
0.1	0.1	0.8	17	0.06	0.106	13	17.0	0.44	133	0.065	2	1.65	0.006	0.07	0.7	0.03	1	0.1	<.05	5.0	<.5	<1
0.1	0.1	0.8	17	0.06	0.059	13	18.0	0.55	97	0.068	<1	1.74	0.006	0.09	0.8	0.02	1	0.1	<.05	5.0	<.5	<1
0.1	0.2	0.8	21	0.11	0.098	10	15.0	0.35	181	0.122	1	2.78	0.018	0.09	1.2	0.04	2	0.2	<.05	7.0	<.5	<1
0.3	0.1	0.5	19	0.14	0.115	9	11.0	0.26	159	0.123	2	3.3	0.017	0.08	0.6	0.06	2	0.2	<.05	8.0	<.5	<1
0.2	0.2	0.7	22	0.09	0.176	9	16.0	0.31	191	0.109	2	2.53	0.015	0.09	0.7	0.03	2	0.1	<.05	8.0	<.5	<1
0.1	0.1	0.7	12	0.05	0.024	20	22.0	0.69	46	0.025	1	1.45	0.003	0.07	0.6	0.01	1	0.1	<.05	4.0	<.5	<1
0.1	0.1	0.7	18	0.14	0.086	10	15.0	0.32	191	0.047	1	1.49	0.009	0.11	0.4	0.03	1	0.1	<.05	6.0	<.5	<1
0.3	0.1	1.3	13	0.11	0.093	17	21.0	0.62	61	0.030	1	1.8	0.006	0.13	1.5	0.03	1	0.1	<.05	4.0	<.5	<1
0.2	0.1	0.5	90	0.55	0.045	47	100.6	1.25	558	0.208		9.54	0.782	2.4	2.7		15	<.1	25.5			
0.1	0.2	0.5	99	0.37	0.056	51	104.5	1.35	589	0.181		9.62	0.681	2.84	3.9		17	0.1	25.9			
0.1	0.1	1.7	93	0.23	0.025	47	94.4	1.3	540	0.201		9.03	0.809	2.6	2.8		15	0.1	23.4			
0.1	0.2	0.4	83	0.36	0.029	51	83.9	1.08	536	0.221		8.1	0.822	2.3	2.4		14	0.1	21.6			
0.2	0.2	0.4	77	0.45	0.096	50	74.9	1.14	560	0.225		8.83	0.947	2.37	1.9		13	0.1	22.9			
<.1	0.1	0.4	80	0.16	0.036	65	89.6	1.1	458	0.149		8.37	0.725	2.38	1.6		14	0.1	20.5			
<.1	0.1	0.5	83	0.32	0.04	53	86.1	1.14	509	0.247		8.31	0.794	2.28	2.3		14	0.1	21.0			
0.2	0.2	0.4	78	0.39	0.039	49	77.4	0.96	553	0.266		8.13	0.887	2.21	2.3		12	0.1	19.2			
<.1	0.1	0.5	98	0.29	0.053	52	109.1	1.31	738	0.333		9.96	0.685	3.05	3.0		17	<.1	24.5			
0.1	0.1	0.5	65	0.34	0.04	57	64.4	0.98	427	0.241		7.17	0.706	1.92	2.4		11	0.1	16.6			
<.1	0.1	0.5	92	0.45	0.037	51	104.7	1.35	573	0.306		8.83	0.827	2.51	3.2		15	<.1	21.2			
0.1	0.2	0.6	88	0.35	0.063	55	94.9	1.04	556	0.298		9.17	0.74	2.49	3.3		14	<.1	22.2			
0.2	0.2	0.5	89	0.33	0.061	46	96.6	1.18	577	0.266		8.59	0.698	2.65	3.3		15	0.1	21.7			
0.1	0.1	0.9	71	0.3	0.04	46	70.1	0.9	442	0.233		6.41	0.603	1.81	3.2		11	<.1	17.0			
<.1	0.1	0.4	72	0.2	0.033	55	82.1	1.04	459	0.165		7.47	0.703	2.19	2.0		13	<.1	18.9			
0.1	0.1	0.5	53	0.26	0.048	60	53.1	0.78	299	0.182		5.78	0.603	1.44	2.9		9	<.1	13.5			
0.1	0.2	0.5	77	0.32	0.064	55	91.9	1.08	487	0.228		9.16	0.832	2.32	2.5		14	<.1	21.4			
0.2	0.2	0.8	86	0.43	0.066	68	85.8	1	518	0.275		8.23	0.833	2.21	2.9		12	<.1	20.5			
0.1	0.1	0.7	76	0.29	0.032	48	85.7	1.01	547	0.281		7.29	0.751	2.19	2.3		12	<.1	18.1			
0.1	0.1	0.5	74	0.22	0.023	41	82.7	0.99	475	0.236		7.78	0.643	2.28	2.2		12	<.1	17.8			
<.1	0.1	0.7	73	0.32	0.03	43	76.8	0.91	565	0.294		7.09	0.812	2.19	2.7		12	<.1	18.4			
0.1	0.2	0.7	74	0.27	0.048	60	86.2	1.05	417	0.230		7.89	0.689	2.12	14.6		12	<.1	19.4			
0.1	0.1	0.6	59	0.38	0.031	53	65.1	0.83	405	0.301		6.28	0.702	1.71	2.5		10	<.1	14.5			
<.1	0.1	0.7	119	0.1	0.089	47	137.1	1.77	457	0.499		8.79	0.502	3.62	40.0		14	<.1	33.2			
0.1	0.1	0.4	58	0.32	0.016	36	61.9	0.68	489	0.275		5.62	0.737	1.73	2.1		9	<.1	13.0			
0.1	0.1	0.5	57	0.29	0.025	34	57.7	0.69	514	0.261		5.29	0.704	1.91	1.8		8	<.1	14.2			
<.1	<.1	0.9	48	0.28	0.016	34	49.9	0.6	480	0.232		5.02	0.687	1.77	1.7		8	<.1	12.1			
<.1	0.1	0.7	77	0.27	0.021	39	77.2	0.87	526	0.284		6.65	0.614	2.32	2.3		11	<.1	17.2			
<.1	<.1	0.7	68	0.18	0.024	38	71.0	0.81	548	0.253		6.75	0.59	2.38	2.1		10	<.1	16.0			
0.1	0.1	1.1	69	0.32	0.041	39	74.7	0.88	492	0.262		6.99	0.587	2.03	2.2		10	<.1	16.8			
0.1	<.1	0.6	59	0.36	0.034	35	55.5	0.76	441	0.250		5.79	0.581	1.8	1.8		9	<.1	13.3			
<.1	0.1	0.7	70	0.44	0.03	53	70.5	0.92	421	0.336		6.32	0.686	1.71	4.0		9	<.1	15.2			
0.1	0.1	0.7	68	0.37	0.035	54	81.5	0.93	433	0.212		7.1	0.729	2.01	3.4		12	<.1	16.0			
0.1	0.1	1	81	1.56	0.044	48	66.5	1.29	524	0.480		5.63	1.081	1.76	1.6		10	<.1	15.3			
0.1	0.2	1.1	78	0.62	0.032	43	72.7	1.02	502	0.323		6.73	0.708	2.18	8.9		11	<.1	17.3			
0.1	0.1	1.2	75	0.66	0.036	44	74.1	1.05	526	0.337		6.42	0.679	1.89	2.2		10	<.1	17.4			
0.1	0.1	1.8	100	0.37	0.04	59	106.0	1.23	586	0.366		9.27	0.721	2.8	4.2		15	<.1	24.6			
0.1	0.1	0.9	62	0.44	0.019	35	76.4	0.79	429	0.303		6.22	0.663	1.86	1.9		9	0.1	14.7			
0.1	0.1	0.8	70	1.17	0.046	46	73.3	1.1	535	0.431		5.66	0.979	1.67	1.4		10	<.1	14.2			
<.1	0.1	0.4	62	0.25	0.033	40	78.1	0.88	382	0.202		6.86	0.622	1.72	2.0		11	<.1	17.0			
0.1	0.1	0.8	71	0.38	0.05	70	73.5	0.89	469	0.296		6.92	0.621	2.25	2.7		10	<.1	16.8			
0.3	0.6	0.60	73	0.77	0.11	40	41.7	0.62	545	0.355		9.17	1.47	1.81	0.9		9	<.1	22.1			
0.3	0.8	0.60	69	0.65	0.19	52	53.0	0.61	554	0.278		8.19	1.17	1.91	0.9		10	<.1	20.7			
0.3	0.7	0.50	70	0.70	0.12	42	45.9	0.56	534	0.315		8.50	1.33	1.87	0.8		10	<.1	20.6			
0.3	1.2	0.90	79	0.14	0.08	67	76.8	0.85	512	0.152		7.82	0.63	2.60	0.8		13	<.1	20.6			
0.1	0.5	0.60	57	0.10	0.06	73	60.8	0.85	395	0.173		6.42	0.52	2.08	0.6		9	<.1	15.2			
0.1	0.5	0.70	69	0.16	0.06	61	68.0	0.98	406	0.197		7.24	0.70	2.35	0.8		10	<.1	18.3			
<.1	0.6	0.90	65	0.09	0.08	79	67.5	0.87	392	0.197		6.30	0.56	2.18	0.9		10	<.1	16.8			
0.2	0.4	0.50	73	0.53	0.08	51	53.3	0.73	488	0.299		7.99	1.16	2.06	0.9		10	<.1	21.5			
0.1	0.4	0.40	62	0.06	0.06	76	70.3	0.92	339	0.159		6.41	0.60	2.06	1.0		10	<.1	16.9			
0.1	0.5	0.40	78	0.15	0.06	72	67.1	0.83	445	0.238		6.96	0.66	2.40	0.9		11	<.1	19.3			
0.2	0.6	0.60	64	0.24	0.11	72	64.5	0.76	384	0.202		6.57	0.70	2.09	0.7		10	<.1	17.5			
0.3	0.6	0.60	83	0.28	0.09	63	79.9	0.90	511	0.213		8.43	0.78	2.54	0.9		12	<.1	21.9			
0.1	0.4	0.40	60	0.13	0.08	93	65.0	0.94	355	0.180		6.34	0.61	2.22	0.9		10	<.1	17.2			
0.3	0.5	0.70	75	0.28	0.11	79	63.6	0.68	446	0.277		7.05	0.83	2.03	1.1		9	<.1	19.4			
0.2	0.4	0.50	67	0.25	0.10	61	65.5	0.80	403	0.216		7.28	0.78	2.01	0.9		10	<.1	18.7			
<.1	0.3	0.30	84	0.07	0.04	42	90.4	1.48	452	0.154		8.89	0.62	3.52	1.1		13	<.1	24.0			
0.2	0.6	0.60	65	0.40	0.08	62	73.7	0.92	405	0.156		7.08	0.66	2.23	0.8		11	0.1	18.4			
0.2	0.8	0.80	72	0.26	0.07	85	74.8	0.88	387	0.166		7.58	0.69	2.25	0.9		12	<.1	18.2			
0.5	0.5	0.60	67	1.31	0.14	42	49.7	0.75	457	0.389		6.94	1.26	1.63	1.0		9	0.1	22.3			
0.1	0.4	0.30	60	0.16	0.06	66	61.5	0.84	339	0.141		6.34	0.63	2.03	0.6		10	<.1	15.4			

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.1	0.5	0.40	70	0.11	0.05	70	69.4	0.95	372	0.153		7.13	0.63	2.23	0.8		11		<.1	17.3		
0.1	0.3	0.40	74	0.13	0.04	72	73.0	1.01	420	0.173		7.62	0.69	2.40	1.1		11		<.1	17.9		
0.2	0.4	0.50	79	0.21	0.07	74	76.8	0.92	446	0.216		7.98	0.75	2.29	1.2		12		<.1	20.4		
0.1	0.2	0.30	74	0.18	0.05	55	74.1	0.99	447	0.193		8.03	0.78	2.37	1.1		12		<.1	19.8		
0.1	0.4	0.50	78	0.19	0.07	70	77.9	1.00	425	0.192		8.10	0.80	2.27	1.3		12		<.1	20.4		
0.1	0.3	0.50	77	0.24	0.05	49	74.6	1.06	454	0.206		8.09	0.83	2.30	1.4		12		<.1	19.9		
0.1	0.5	0.50	68	0.15	0.07	73	72.2	0.85	417	0.145		7.28	0.65	2.24	0.9		11		<.1	17.8		
0.4	0.4	0.70	58	0.68	0.15	47	64.4	0.77	446	0.281		8.15	0.96	1.71	1.3		11		<.1	19.1		
0.2	0.6	0.80	69	0.37	0.09	47	55.7	0.62	421	0.289		6.75	0.85	1.60	1.4		8		<.1	17.1		
0.1	0.3	0.60	97	0.18	0.07	69	89.1	1.24	707	0.268		9.24	0.68	3.05	1.7		14		<.1	23.1		
<.1	0.4	0.60	97	0.13	0.07	61	90.8	1.26	655	0.279		9.53	0.68	3.01	2.0		15		<.1	22.1		
0.1	0.4	0.50	99	0.28	0.06	53	69.7	0.79	610	0.492		7.98	1.01	2.48	1.6		12		<.1	23.9		
0.2	0.3	0.20	51	0.41	0.10	53	43.8	0.68	322	0.628		6.18	1.39	0.86	0.6		7		<.1	13.0		
0.1	0.5	0.80	88	0.29	0.07	51	61.2	0.88	561	0.367		7.82	0.88	2.28	2.5		11		<.1	18.7		
0.1	0.4	0.60	94	0.12	0.05	63	81.2	1.08	566	0.319		7.94	0.64	2.37	2.0		13		<.1	19.9		
<.1	0.2	0.20	96	0.05	0.03	78	107.4	0.83	767	0.217		10.25	0.42	3.96	1.2		16		<.1	24.7		
<.1	0.2	0.10	90	0.07	0.04	46	87.9	1.06	1085	0.342		9.68	0.48	3.66	1.3		14		<.1	23.5		
0.1	0.3	0.60	83	0.14	0.08	64	82.8	1.05	576	0.309		7.37	0.65	2.24	14.5		12		<.1	18.6		
0.1	0.3	0.70	94	0.15	0.05	52	92.4	1.29	690	0.270		8.82	0.65	2.84	2.2		14		<.1	21.6		
0.1	0.2	0.50	75	0.26	0.09	64	67.4	0.91	683	0.400		7.13	0.96	1.98	1.5		10		<.1	16.9		
0.2	0.4	4.40	82	0.51	0.15	66	61.2	0.85	598	0.397		8.68	1.02	2.35	2.8		12		<.1	21.2		
0.1	0.3	0.60	91	0.15	0.05	52	86.1	1.11	683	0.353		8.48	0.76	2.77	1.8		13		<.1	20.9		
0.1	0.2	0.50	71	0.26	0.06	68	68.2	0.94	548	0.335		6.70	0.64	2.22	1.3		13		<.1	15.7		
<.1	0.2	0.50	62	0.21	0.09	61	61.4	0.81	494	0.286		6.10	0.57	2.04	1.5		10		<.1	14.6		
0.1	0.3	0.60	73	0.19	0.07	57	66.6	0.97	582	0.322		7.03	0.72	2.16	1.9		10		<.1	16.9		
0.1	0.2	0.60	94	0.19	0.06	54	86.3	1.40	787	0.273		8.88	0.70	2.97	2.3		14		<.1	21.4		
0.1	0.3	0.60	76	0.29	0.08	49	63.1	0.98	642	0.339		6.85	0.78	2.27	3.2		10		<.1	17.7		
0.2	0.4	0.40	78	0.67	0.11	47	45.3	0.70	674	0.419		7.53	1.43	1.75	2.3		9		<.1	17.3		
0.2	0.4	0.30	65	0.88	0.21	65	48.2	0.60	586	0.265		5.41	0.88	1.76	0.9		10		<.1	13.8		
0.1	0.3	0.30	130	0.19	0.06	35	102.4	0.89	807	0.350		10.51	0.52	3.81	2.1		17		<.1	27.5		
0.4	0.5	0.30	70	0.63	0.21	29	53.5	0.68	588	0.387		8.51	1.21	2.07	1.5		11		<.1	20.8		
0.3	0.5	0.40	51	0.93	0.12	23	33.6	0.51	617	0.411		8.50	1.80	1.71	1.2		9		<.1	22.6		
0.3	0.6	0.30	63	0.78	0.15	41	31.1	0.54	495	0.424		6.92	1.48	1.37	1.1		8		<.1	19.6		
0.1	0.6	0.60	97	0.39	0.05	44	51.1	0.57	505	0.445		6.18	1.08	1.76	2.1		9		<.1	21.1		
0.1	0.5	0.50	75	0.57	0.07	40	48.9	0.51	558	0.455		7.40	1.41	1.75	1.9		8		<.1	20.1		
0.1	0.3	0.50	70	0.24	0.06	47	63.2	0.64	540	0.372		6.71	0.64	2.02	2.2		8		<.1	16.9		
0.1	0.7	0.70	66	0.27	0.07	54	54.5	0.72	525	0.361		6.32	0.80	1.74	2.6		8		<.1	14.6		
<.1	0.2	0.50	33	0.14	0.06	62	32.1	0.50	287	0.309		3.71	0.39	1.22	2.1		5		<.1	8.9		
0.3	0.3	0.40	56	0.98	0.11	33	31.0	0.60	503	0.398		7.94	1.64	1.46	1.7		8		<.1	19.7		
0.1	0.3	0.90	47	0.31	0.09	59	36.0	0.65	311	0.289		4.33	0.62	1.32	3.0		6		<.1	10.7		
0.1	0.4	0.60	76	0.26	0.04	50	57.1	0.60	499	0.365		6.78	0.86	1.83	2.1		9		<.1	19.2		
0.1	0.4	0.80	72	0.17	0.08	49	68.6	0.94	523	0.222		7.13	0.58	2.46	2.3		11		<.1	18.2		
0.2	0.5	0.60	89	0.74	0.20	38	50.5	0.62	577	0.552		7.29	1.47	1.80	1.6		9		<.1	27.0		
0.1	0.5	0.60	64	0.22	0.07	55	60.9	0.82	429	0.230		6.69	0.68	1.98	1.2		9		<.1	16.6		
0.1	0.3	0.40	71	0.37	0.09	49	60.2	0.88	594	0.324		7.63	0.82	2.16	1.8		10		<.1	19.8		
0.2	0.6	0.30	63	0.68	0.11	37	31.8	0.46	489	0.443		7.28	1.42	1.53	1.3		7		<.1	21.4		
0.2	0.4	0.50	86	0.44	0.09	51	74.8	0.86	517	0.293		10.24	1.13	2.10	0.9		13		<.1	23.7		
0.1	0.3	0.50	51	0.18	0.09	57	46.6	0.75	446	0.230		5.53	0.50	2.06	1.9		8		<.1	12.6		
0.2	0.4	0.30	57	1.14	0.15	27	25.7	0.52	520	0.403		10.23	1.98	1.45	0.8		9		<.1	21.7		
<.1	0.3	0.90	74	0.23	0.04	58	62.9	0.87	459	0.267		6.92	0.64	2.04	1.5		10		<.1	17.4		
0.1	0.3	0.50	72	0.24	0.06	59	61.7	0.89	504	0.253		7.56	0.76	2.14	1.5		10		<.1	18.9		
0.1	0.3	0.50	78	0.14	0.06	68	82.6	1.03	485	0.169		8.09	0.66	2.36	1.0		12		<.1	20.5		
0.1	0.4	0.60	85	0.17	0.08	53	92.4	1.23	523	0.146		9.47	0.77	2.70	1.2		14		<.1	22.7		
0.1	0.4	0.50	87	0.19	0.12	48	99.3	1.23	508	0.141		10.37	0.76	2.62	1.2		14		<.1	23.8		
0.1	0.5	0.50	73	0.29	0.07	74	79.1	0.95	439	0.177		9.23	0.92	2.21	1.2		12		<.1	21.3		
0.1	0.5	0.60	83	0.27	0.06	71	80.0	0.92	440	0.197		9.11	0.90	2.30	1.3		13		<.1	22.4		
0.2	0.4	0.60	61	0.30	0.09	58	55.1	0.78	409	0.242		5.97	0.62	1.84	1.6		9		0.1	15.0		
0.1	0.2	0.40	60	0.26	0.06	62	61.5	0.87	415	0.216		7.02	0.65	2.01	1.3		11		<.1	17.3		
<.1	0.3	0.50	66	0.21	0.08	90	67.3	0.96	367	0.143		6.84	0.58	2.03	0.8		11		<.1	16.5		
0.1	0.3	0.50	63	0.20	0.07	81	60.0	0.85	343	0.128		6.43	0.52	1.77	0.7		9		<.1	15.0		
<.1	0.4	0.60	64	0.12	0.07	86	71.5	0.98	350	0.102		6.90	0.54	1.99	0.9		11		<.1	16.8		
0.1	0.5	0.60	76	0.13	0.07	81	79.3	0.95	403	0.147		8.20	0.67	2.12	1.7		12		<.1	18.8		
0.1	0.5	0.40	62	0.15	0.07	92	62.3	0.82	324	0.137		7.13	0.66	1.82	2.2		10		<.1	16.2		
<.1	0.5	0.50	94	0.10	0.05	24	107.2	1.32	463	0.122		10.46	0.87	2.80	1.4		15		<.1	25.6		
0.1	0.5	0.30	55	0.08	0.04	70	56.8	0.82	387	0.240		6.29	0.54	2.27	0.9		9		<.1	13.9		
0.1	0.7	0.30	59	0.09	0.05	103	97.1	0.83	388	0.242		6.44	0.58	2.29	1.0		10		<.1	15.4		
<.1	0.4	0.30	78	0.05	0.05	73	99.1	1.08	423	0.185		7.93	0.58	2.77	1.0		11		<.1	18.7		
<.1	0.4	0.30	86	0.16	0.04	43	62.3	1.19	472	0.225		8.66	0.80	3.11	1.1		12		<.1	20.3		
0.2	0.6	0.30	82	0.23	0.05	53	62.9	0.94	499	0.240		8.49	0.80	2.79	1.1		12		<.1	19.2		
0.1	0.6	0.30	67	0.04	0.03	76	50.1	0.92	402	0.169		6.96	0.55	2.55	0.9		10		<.1	16.0		
<.1	0.5	0.30	62	0.05	0.03	86	49.8	0.90	340	0.189		6.60	0.53	2.28	1.0		9		<.1	15.0		
0.2	0.4	0.20	67	0.89	0.07	27	31.2	0.63	524	0.404		10.02	1.85	1.85	1.0		10		<.1	19.7		
0.1	0.2	0.20	113	0.07	0.03	23	85.1	1.72	482	0.207		10.41	0.67	4.00	1.3		15		<.1	25.4		
0.1	0.2	0.20	114	0.06	0.02	19	97.2	1.72	492	0.197		10.58	0.61	4.36	1.4		15		<.1	25.8		
<.1	0.3	0.30	80	0.05	0.03	74	64.6	1.25	432	0.192		8.05	0.66	2.99	1.1		13		<.1	19.1		
<.1	0.3	0.20	75	0.03	0.03	59	62.4	1.31	350	0.156		8.12	0.78	2.70	0.9		12		<.1	18.6		
<.1	0.4	0.30	67	0.08	0.04	77	50.8	0.85	442	0.226		6.99	0.62	2.57	1.0		10		<.1	16.3		
<.1	0.4	0.30	72	0.04	0.05	72	59.4	1.07	462	0.214		7.49	0.61	3.02	1.1		11		<.1	17.3		
<.1	0.6	0.30	75	0.03	0.04	65	61.0	1.05	439	0.223		7.84	0.64	3.15	1.1		12		<.1	17.8		
<.1	0.5	0.40	65	0.05	0.04	64	53.5	0.98	359	0.173		6.89	0.44	2.73	1.3		10		<.1	16.1		
<.1	0.3	0.30	81	0.07	0.04	59	76.7	1.16	588	0.190		8.76	0.69	3.06	1.0		14		<.1	20.2		
0.1	0.5	0.70	76	0.06	0.05	59	72.1	1.07	500	0.152		8.01	0.62	2.69	1.1		13		<.1	18.0		
0.1	0.3	0.30	73	0.08	0.05	70	65.7	0.99	461	0.138		7.88	0.63	2.54	0.7		12		<.1	18.6		
0.1	0.5	0.40	92	0.15	0.05	56	79.9	0.91	561	0.180		9.12	0.73	2.80	0.7		13		<.1	21.6		
0.1	0.4	0.30	117	0.04	0.03	43	111.5	1.07	1022	0.130		11.22	0.64	3.98	0.7		16		<.1	27.9		
0.1	0.3	0.30	62	0.07	0.05	83	58.2	1.06	388	0.257		6.96	0.58	2.41	0.9		10		<.1	16.0		

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
<.1	0.3	0.30	82	0.06	0.04	59	69.6	1.37	439	0.306		8.24	0.86	3.23	1.0		12		<.1	19.1		
0.2	0.5	0.20	66	0.23	0.09	58	68.1	0.93	432	0.292		7.29	0.78	2.55	1.0		10		<.1	17.7		
<.1	0.3	0.30	63	0.07	0.04	74	47.6	1.05	349	0.339		6.34	0.57	2.41	0.8		10		<.1	15.4		
0.1	0.4	0.20	67	0.12	0.06	62	59.9	1.10	419	0.185		7.41	0.63	2.64	0.8		11		<.1	17.7		
0.1	0.2	0.20	68	0.10	0.05	69	57.6	1.10	367	0.181		7.09	0.61	2.58	0.8		11		<.1	16.1		
0.1	0.2	0.40	79	0.14	0.06	58	90.9	1.16	461	0.199		8.58	0.63	2.88	1.0		13		<.1	19.6		
0.1	0.3	0.50	89	0.26	0.08	49	80.5	1.14	494	0.246		8.89	0.94	2.96	2.5		14		<.1	22.7		
0.1	0.4	0.40	82	0.30	0.08	51	71.0	1.10	450	0.259		8.46	0.92	2.49	1.0		12		<.1	19.3		
0.1	0.3	0.30	62	0.15	0.04	72	52.8	0.94	359	0.307		6.68	0.69	2.22	0.7		10		<.1	15.3		
<.1	0.3	0.30	49	0.12	0.06	77	41.0	0.74	279	0.166		5.11	0.48	1.73	0.6		8		<.1	11.5		
0.5	0.6	0.40	84	0.79	0.23	35	97.7	0.88	551	0.331		11.36	1.30	2.03	1.0		14		0.1	22.3		
0.1	0.4	0.30	82	0.13	0.04	77	86.1	1.07	416	0.142		8.22	0.70	2.15	0.6		13		<.1	20.0		
0.1	0.4	0.30	93	0.10	0.05	25	107.5	1.35	433	0.119		10.54	0.84	2.50	0.6		15		<.1	24.9		
0.1	0.4	0.30	88	0.11	0.04	47	93.6	1.44	425	0.132		10.13	0.79	2.53	0.5		15		<.1	23.9		
0.1	0.3	0.20	87	0.08	0.03	63	98.5	1.50	450	0.103		10.05	0.66	2.73	0.4		16		<.1	26.5		
0.1	0.4	0.30	95	0.16	0.09	63	115.4	1.45	463	0.152		10.64	0.76	2.56	0.4		17		<.1	26.9		
0.1	0.2	0.20	97	0.16	0.08	53	116.4	1.45	461	0.123		9.75	0.73	2.54	0.5		16		<.1	25.0		
0.1	0.5	0.40	106	0.14	0.08	45	125.6	1.36	499	0.157		10.69	0.83	2.70	0.8		17		<.1	27.5		
0.1	0.3	0.30	113	0.07	0.05	31	146.4	1.66	554	0.112		11.06	0.81	3.09	0.6		19		<.1	29.2		
0.1	0.3	0.20	98	0.07	0.05	50	120.4	1.35	487	0.107		9.77	0.66	2.54	0.8		17		<.1	24.5		
0.1	0.5	0.30	97	0.11	0.06	50	120.2	1.39	499	0.128		9.72	0.76	2.52	0.8		16		<.1	24.8		
0.1	0.3	0.20	81	0.12	0.05	67	93.0	1.14	430	0.111		7.98	0.66	2.19	0.7		13		<.1	20.9		
0.1	0.2	0.20	84	0.10	0.05	78	100.5	1.20	453	0.109		8.35	0.68	2.30	0.7		14		<.1	21.4		
0.1	0.3	0.20	94	0.09	0.06	57	119.3	1.27	476	0.106		9.09	0.71	2.41	0.6		16		<.1	22.8		
0.1	0.2	0.20	82	0.09	0.06	74	100.2	1.19	440	0.105		8.42	0.67	2.27	0.6		14		<.1	20.9		
0.1	0.6	0.40	89	0.35	0.07	46	83.9	0.76	477	0.274		7.76	0.97	2.14	0.8		12		<.1	24.0		
0.1	0.3	0.20	78	0.13	0.09	70	99.4	1.07	439	0.126		8.14	0.64	2.08	0.7		13		<.1	19.7		
0.2	0.5	0.30	86	0.15	0.08	78	102.9	1.10	447	0.156		8.59	0.66	2.11	0.7		14		<.1	21.5		
0.2	0.3	0.20	83	0.08	0.06	57	106.2	1.28	477	0.099		9.20	0.60	2.42	0.6		15		<.1	22.1		
0.1	0.4	0.20	94	0.20	0.05	56	96.0	1.07	507	0.184		8.52	0.86	2.15	0.7		14		<.1	22.0		
0.1	0.4	0.20	91	0.17	0.05	53	102.2	1.24	565	0.176		9.59	0.79	2.70	0.9		15		<.1	23.2		
0.1	0.2	0.20	91	0.06	0.05	50	113.9	1.24	528	0.106		9.75	0.69	2.59	0.6		15		<.1	23.3		
0.1	0.6	0.50	99	0.08	0.08	54	122.0	1.38	494	0.108		10.62	0.63	2.88	0.6		17		<.1	26.1		
0.1	0.3	0.20	99	0.12	0.06	58	119.0	1.38	546	0.119		9.82	0.84	2.75	0.6		16		<.1	24.2		
0.1	0.5	0.30	97	0.10	0.06	57	102.2	1.24	473	0.175		9.08	0.66	2.68	0.9		15		<.1	25.6		
0.2	0.5	0.20	62	1.20	0.13	19	13.8	0.44	507	0.459		10.02	2.34	1.44	0.8		9		<.1	22.5		
0.2	0.8	0.50	102	0.33	0.20	32	78.3	0.70	382	0.390		9.52	0.87	1.60	1.0		10		0.1	29.0		
0.2	0.4	0.20	87	0.06	0.04	55	101.1	1.42	453	0.087		11.39	0.73	2.96	0.4		16		<.1	26.4		
0.1	0.5	0.30	79	0.16	0.06	71	85.5	1.12	407	0.122		9.39	0.73	2.34	0.5		14		<.1	21.7		
0.1	0.6	0.40	88	0.23	0.07	62	90.1	1.24	415	0.166		10.44	0.94	2.47	0.8		15		<.1	25.2		
0.2	0.4	0.30	82	0.16	0.07	68	99.7	1.21	358	0.101		9.65	0.78	2.25	0.3		15		<.1	22.9		
0.2	0.6	0.40	102	0.42	0.11	51	88.1	0.90	527	0.326		10.43	1.03	2.20	0.9		14		<.1	25.1		
0.1	0.6	0.40	93	0.13	0.07	78	110.1	1.20	510	0.129		10.07	0.78	2.50	0.6		16		<.1	23.7		
0.2	0.5	0.30	89	0.14	0.06	64	92.8	1.22	439	0.114		10.02	0.72	2.54	0.7		16		<.1	23.1		
0.1	0.4	0.20	92	0.08	0.04	56	102.9	1.47	408	0.090		11.00	0.79	2.74	0.7		16		<.1	25.1		
0.1	0.5	0.30	87	0.31	0.07	50	80.8	1.11	2241	0.212		10.89	1.10	2.28	0.6		15		<.1	24.7		
0.2	0.6	0.30	79	0.76	0.11	39	59.7	0.75	515	0.368		9.85	1.59	1.89	0.7		11		<.1	23.4		
0.1	0.3	0.20	86	0.09	0.04	52	95.3	1.15	453	0.108		9.88	0.71	2.39	0.7		14		<.1	22.7		
0.2	0.3	0.30	81	0.15	0.08	54	91.3	1.08	420	0.145		9.61	0.65	2.00	0.8		12		<.1	20.4		
0.2	0.7	0.30	53	1.19	0.11	18	16.1	0.40	521	0.435		8.86	2.05	1.45	0.7		8		<.1	19.7		
0.2	0.6	0.30	87	0.44	0.15	40	77.5	0.75	465	0.295		9.58	1.01	1.83	0.8		12		<.1	22.2		
0.2	0.9	0.30	69	0.78	0.20	20	38.2	0.43	420	0.402		9.38	1.51	1.31	0.7		8		<.1	20.7		
0.2	0.7	0.20	54	0.87	0.23	15	22.1	0.31	398	0.388		9.66	1.63	1.09	0.7		7		<.1	18.8		
<.1	0.3	0.20	83	0.09	0.04	60	92.5	1.13	442	0.110		9.21	0.68	2.17	0.6		13		<.1	21.5		
0.1	0.5	0.30	81	0.27	0.07	55	73.3	0.81	413	0.225		8.80	0.83	1.78	0.7		11		<.1	20.2		
0.1	0.6	0.20	86	0.11	0.08	57	101.3	1.13	429	0.120		9.80	0.71	2.17	0.6		14		<.1	22.5		
0.1	0.4	0.20	99	0.12	0.07	41	116.7	1.48	499	0.134		11.20	0.85	2.52	0.7		16		<.1	25.3		
0.1	0.8	0.30	83	0.41	0.10	38	72.7	0.71	478	0.295		8.19	0.99	1.86	0.8		11		<.1	21.8		
0.1	0.6	0.30	82	0.23	0.09	60	82.9	0.84	419	0.203		8.30	0.78	1.93	0.8		12		<.1	20.1		
0.1	0.6	0.30	77	0.16	0.07	65	89.7	0.87	419	0.122		8.12	0.68	1.93	1.5		12		<.1	19.3		
0.1	0.5	0.30	82	0.18	0.08	48	93.1	1.13	477	0.153		9.65	0.82	2.31	0.7		14		<.1	21.9		
0.1	1.2	0.30	86	0.12	0.07	74	97.0	0.95	453	0.100		9.24	0.76	2.23	2.1		15		<.1	21.2		
0.2	0.8	0.30	82	0.33	0.09	53	83.1	0.81	447	0.227		8.68	0.92	1.88	0.8		12		<.1	21.9		
0.2	0.4	0.20	80	0.32	0.20	46	83.0	0.90	499	0.218		9.67	1.05	2.07	0.8		13		<.1	22.9		
0.1	0.4	0.30	86	0.22	0.06	55	94.3	1.01	477	0.164		8.92	0.85	2.09	0.8		13		<.1	20.6		
0.1	0.4	0.30	73	0.24	0.05	67	74.9	0.82	442	0.168		7.08	0.86	1.72	0.6		11		<.1	16.1		
0.1	0.4	0.40	89	0.23	0.08	49	93.0	0.98	566	0.216		9.78	0.82	2.16	0.9		13		<.1	22.6		
0.1	0.3	0.30	85	0.19	0.06	55	94.3	1.19	514	0.170		9.36	0.81	2.25	0.9		14		<.1	22.4		
0.2	0.6	0.40	89	0.25	0.11	45	90.1	0.99	484	0.216		9.20	0.87	2.15	0.9		14		<.1	23.3		
0.2	0.4	0.30	85	0.49	0.11	44	77.8	0.95	544	0.295		10.26	1.29	2.11	0.9		13		<.1	22.8		
0.3	1.3	0.50	91	0.74	0.08	37	53.1	0.54	566	0.510		8.52	1.76	1.99	1.2		10		<.1	26.0		
0.4	0.6	0.20	61	1.05	0.17	18	22.8	0.44	449	0.412		10.76	2.03	1.27	0.8		9		<.1	20.6		
0.2	0.9	0.40	87	0.57	0.11	41	67.9	0.77	521	0.354		9.41	1.47	2.04	1.1		12		0.1	24.4		
0.1	0.1	0.5	51	0.61	0.018	39	49.8	0.76	455	0.286		5.19	0.774	1.54	1.5		8		<.1	12.7		
0.2	0.9	0.40	83	0.58	0.11	36	61.6	0.69	527	0.368		9.24	1.50	1.96	1.2		11		<.1	23.6		
<.1	0.1	0.4	56	0.5	0.035	43	46.3	0.74	376	0.311		5.22	0.713	1.37	1.6		7		<.1	13.8		
<.1	0.1	0.4	65	0.32	0.027	45	78.7	0.97	449	0.217		7.16	0.692	1.89	5.5		11		<.1	19.2		
<.1	0.1	0.3	81	0.22	0.024	48	87.2	1.13	534	0.187		9.34	0.772	2.24	1.8		13		<.1	22.7		
0.1	0.2	0.4	72	0.22	0.025	49	83.2	1.08	466	0.211		8.42	0.706	2.05	1.8		12		<.1	21.6		
0.2	0.2	0.4	80	0.3	0.03	53	90.6	1.17	510	0.209		9.25	0.878	2.26	1.6		13		<.1	22.5		
<.1	0.2	0.3	80	0.43	0.019	58	85.9	1.1	563	0.282		8.94	0.986	2.18	1.9		13		<.1	21.9		
0.1	0.2	0.4	79	0.22	0.025	56	86.9	1.17	479	0.189		9.03	0.759	2.19	1.8		13		<.1	23.9		
0.1	0.2	0.3	82	0.29	0.029	47	88.0	1.17	525	0.224		9.45	0.85	2.24	1.5		13		<.1	22.6		
0.1	0.2	0.5	78	0.42	0.053	62	86.2	1.11	487	0.223		8.71	0.873	2.09	3.2		13		<.1	23.1		
<.1	0.2	0.5	70	0.3	0.035	54	85.3	1.08	465	0.208		8.19	0.762	2	1.8		12		<.1	20.3		
0.1	0.1	0.4	81	0.22	0.03	54	95.2	1.23	532	0.219		9.43	0.786	2.33	1.5		14		<.1	23.1		

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
<.1	0.2	0.3	73	0.28	0.03	48	87.0	1.1	514	0.210		8.73	0.771	2.12	1.9		12	<.1		21.8		
0.1	0.1	0.3	79	0.26	0.02	46	90.7	1.15	534	0.218		9.32	0.824	2.31	1.7		13	<.1		22.5		
0.1	0.2	0.3	80	0.38	0.036	48	86.1	1.17	541	0.233		8.63	0.798	2.07	2.3		13	<.1		21.8		
0.1	0.2	0.5	72	0.41	0.03	50	76.5	1.05	540	0.265		8.66	0.899	2.06	1.6		11	<.1		21.6		
0.2	0.2	1.8	72	0.48	0.031	55	73.1	1.02	566	0.328		7.93	0.889	1.87	1.6		11	<.1		20.3		
0.1	0.2	0.7	83	0.67	0.039	46	81.1	1.29	586	0.326		8.49	0.91	2.08	1.9		13	<.1		21.7		
0.1	0.1	2	47	0.74	0.029	44	27.6	0.63	590	0.292		6.85	1.487	2.02	2.1		7	<.1		21.0		
0.2	0.1	1	69	0.47	0.03	56	68.7	1.01	511	0.276		8.08	0.912	2.05	2.1		11	<.1		20.4		
0.1	0.1	0.7	67	0.41	0.035	47	64.8	0.94	568	0.273		8.24	1.08	1.99	1.6		11	<.1		22.0		
<.1	0.1	0.5	63	0.42	0.028	54	65.8	0.99	472	0.219		7.65	0.836	1.89	1.6		11	<.1		18.5		
0.4	0.2	1.2	65	0.77	0.043	45	53.9	0.83	624	0.341		7.6	1.209	1.83	1.7		9	<.1		19.8		
0.2	0.6	0.4	79	0.36	0.022	48	176.4	1.2	573	0.242		8.99	0.845	2.15	1.6		12	<.1		23.6		
0.1	0.1	0.4	77	0.3	0.025	49	84.4	1.21	526	0.208		9.27	0.769	2.29	1.6		13	<.1		22.7		
0.1	0.1	0.4	78	0.21	0.019	48	82.3	1.17	534	0.190		9.35	0.747	2.25	1.8		13	<.1		21.7		
0.5	0.3	0.4	68	0.61	0.086	42	63.5	0.89	622	0.304		8.6	1.143	1.83	1.3		10	<.1		21.0		
0.1	0.2	1.1	78	0.6	0.054	58	85.0	1.24	481	0.261		9	0.748	1.91	5.8		12	<.1		21.3		
0.2	0.2	1.1	72	0.71	0.073	55	91.0	1.19	468	0.231		9.1	0.717	1.89	5.8		12	<.1		21.1		
0.2	0.1	0.5	67	0.6	0.031	45	61.0	1	546	0.295		7.09	0.907	1.8	1.5		9	<.1		17.0		
0.2	0.3	0.3	69	0.82	0.235	35	50.1	0.78	636	0.349		9.53	1.44	1.89	1.3		10	<.1		22.3		
0.4	0.3	0.5	72	0.75	0.086	35	59.0	0.78	706	0.380		8.96	1.182	1.69	1.5		10	0.1		22.8		
0.3	0.2	64	53	0.78	0.096	53	20.2	0.66	601	0.239		10.03	2.118	3.36	49.8		7	<.1		35.2		
0.1	0.1	2.6	55	0.75	0.036	51	35.9	0.71	536	0.283		6.24	1.256	1.96	4.0		7	<.1		20.6		
0.2	0.2	0.7	70	0.58	0.021	53	59.4	0.82	590	0.301		6.82	1.032	1.89	2.5		9	<.1		18.8		
0.2	0.2	0.7	58	0.47	0.04	53	62.3	0.79	413	0.284		5.99	0.795	1.46	1.6		8	<.1		16.7		
0.4	0.2	1.6	56	0.87	0.047	50	35.7	0.6	575	0.345		6.7	1.44	1.77	2.0		7	<.1		21.0		
0.2	0.1	2.5	42	0.91	0.042	48	28.2	0.6	481	0.284		5.08	1.335	1.59	2.4		5	<.1		16.1		
0.5	0.2	0.9	74	0.64	0.022	51	61.1	0.86	582	0.321		6.77	1.096	1.87	1.8		9	<.1		19.5		
0.7	0.2	0.9	66	0.7	0.035	56	51.5	0.72	541	0.343		6.07	1.087	1.6	1.7		8	<.1		18.0		
0.6	0.2	2.4	94	0.69	0.054	55	94.0	1.33	700	0.335		9.45	1.092	2.45	4.4		13	<.1		25.7		
0.4	0.1	1.5	62	0.38	0.056	72	64.6	0.92	404	0.258		6.39	0.73	1.7	4.9		10	<.1		17.1		
1.2	0.3	3.5	71	0.79	0.053	52	61.5	0.84	577	0.310		7.81	1.132	1.78	2.5		9	<.1		21.8		
0.8	0.3	2.6	60	0.88	0.103	45	50.2	0.67	655	0.326		7.58	1.267	1.62	2.4		8	<.1		20.7		
0.3	0.1	1.4	77	0.29	0.04	54	87.6	1.12	500	0.245		8.02	0.721	2.1	2.6		12	<.1		22.3		
<.1	0.1	1.1	74	0.27	0.063	43	35.1	0.58	570	0.217		8.81	1.585	3.54	5.6		8	<.1		33.3		
0.3	0.3	0.8	74	0.71	0.201	40	63.3	0.86	666	0.340		8.51	1.152	2.16	3.0		12	<.1		23.5		
0.5	0.4	0.7	69	0.88	0.141	37	44.1	0.66	623	0.381		8.98	1.47	1.82	1.9		10	<.1		23.3		
0.2	0.3	0.8	77	0.87	0.152	29	55.1	0.68	662	0.388		9.53	1.408	1.97	2.3		11	<.1		25.9		
0.3	0.3	1.1	93	0.63	0.084	38	76.0	0.96	703	0.386		10.18	1.133	2.64	3.9		13	<.1		26.6		
0.1	0.1	1.5	94	0.28	0.028	48	102.4	1.24	579	0.320		9.66	0.807	2.61	3.2		15	<.1		25.1		
0.2	0.1	1.8	86	0.51	0.078	42	81.3	1.1	614	0.340		9.96	0.993	2.52	3.5		14	<.1		25.0		
0.1	0.3	3	86	0.45	0.068	40	118.4	0.97	604	0.320		9.7	1.044	2.78	4.8		13	<.1		27.2		
<.1	0.1	6.5	83	0.51	0.133	72	53.2	0.9	821	0.285		10.27	1.363	3.27	15.7		12	0.1		36.7		
0.1	0.2	16.7	86	0.62	0.186	49	68.8	0.85	596	0.367		9.76	1.057	2.21	10.4		11	<.1		27.7		
0.3	0.2	5.3	77	0.52	0.072	51	67.9	0.86	618	0.347		9.1	1.056	2.42	13.4		11	<.1		24.9		
1.3	0.4	7.6	77	1.72	0.157	38	44.4	0.9	599	0.431		10.04	1.844	1.98	15.9		11	<.1		25.0		
1.9	0.4	3.6	62	2.31	0.496	28	24.7	0.75	582	0.496		10.06	2.168	1.46	8.5		10	<.1		21.9		
1.6	0.3	5.5	74	1.77	0.195	39	41.4	0.87	633	0.398		9.42	1.686	2.11	35.0		11	<.1		25.9		
0.2	0.1	2.8	99	0.8	0.041	45	84.0	1.26	562	0.362		9.73	1.004	2.71	10.4		15	<.1		26.5		
1.0	0.2	2.8	83	0.76	0.05	47	74.5	1.06	552	0.354		9.04	0.985	2.3	11.9		13	<.1		23.7		
0.2	0.2	2	80	0.66	0.077	52	74.2	1.03	501	0.321		7.55	0.872	1.98	16.4		11	<.1		19.7		
0.4	0.3	1.2	74	0.92	0.078	51	62.0	0.78	541	0.376		7.8	1.308	1.62	2.3		10	<.1		19.9		
0.1	0.1	3.1	77	0.92	0.053	57	68.7	1.06	491	0.339		7.19	1.006	2.04	2.8		11	<.1		20.8		
0.1	0.2	1.1	86	0.68	0.049	53	84.4	1.23	500	0.315		8.54	0.911	2.27	4.2		13	<.1		21.3		
0.1	0.2	1	79	0.44	0.033	53	81.9	1.13	478	0.257		8.37	0.8	2.3	2.6		12	<.1		22.3		
<.1	0.2	1.7	67	0.49	0.038	56	67.8	0.98	415	0.237		7.07	0.789	1.9	3.9		10	<.1		19.6		
0.1	0.2	2.1	72	0.61	0.057	56	65.5	1.02	429	0.287		7.26	0.854	1.95	3.6		11	<.1		19.7		
0.1	0.2	6.8	79	0.51	0.045	53	72.7	1.11	456	0.268		7.87	0.826	2.15	3.7		12	<.1		20.2		
0.1	0.2	0.9	65	0.6	0.054	59	61.3	1	443	0.286		6.76	0.766	1.83	3.3		11	<.1		19.3		
0.1	0.2	0.9	61	0.52	0.046	67	59.0	0.87	408	0.263		6.34	0.76	1.66	6.6		10	<.1		17.8		
0.1	0.2	1.1	70	0.7	0.061	54	69.7	1.07	487	0.312		7.42	0.837	1.9	3.1		11	<.1		20.3		
0.1	0.2	0.8	60	0.55	0.06	57	61.5	0.96	462	0.262		6.84	0.78	1.87	4.0		11	<.1		19.7		
0.1	0.2	0.6	64	1.12	0.058	52	53.6	1.09	463	0.346		6.12	0.958	1.7	2.0		10	<.1		17.5		
<.1	0.1	0.6	62	0.97	0.051	54	51.7	0.97	496	0.361		6.12	1.002	1.64	2.3		10	<.1		17.3		
<.1	0.2	0.6	62	1.07	0.059	48	49.6	1.06	474	0.353		6.05	1.053	1.54	3.3		9	<.1		15.9		
<.1	0.1	0.5	49	1.13	0.068	42	29.5	0.76	362	0.344		4.27	0.947	1.12	2.8		7	<.1		12.0		
0.1	0.1	0.6	64	1.11	0.056	42	49.5	1.05	451	0.361		6.01	1.022	1.47	1.6		9	<.1		16.1		
0.1	0.1	0.5	90	1.08	0.068	38	107.5	1.81	550	0.333		9.26	0.927	2.58	1.1		15	0.1		25.9		
0.1	0.1	0.6	21	0.1	0.18	17	26	0.67	109	0.048	1	2.08	0.01	0.07	0.5	0.01	1.7	0.1	<.05	6	<.5	<1
0.3	0.3	0.5	23	0.15	0.241	15	13	0.25	197	0.125	2	3.25	0.024	0.07	0.4	0.04	2.4	0.1	<.05	8	<.5	<1
0.3	0.3	0.4	24	0.17	0.458	10	9	0.14	243	0.148	3	4.57	0.021	0.06	0.3	0.06	2.1	0.1	<.05	10	<.5	<1
0.3	0.5	0.5	27	0.1	0.317	11	13	0.24	202	0.127	2	3.49	0.021	0.08	0.5	0.04	2	0.1	<.05	9	<.5	<1
0.2	0.3	0.7	26	0.19	0.051	14	20	0.45	143	0.104	3	2.46	0.019	0.13	0.4	0.03	1.6	0.1	<.05	7	<.5	<1
0.5	0.5	0.5	23	0.42	0.181	10	15	0.24	255	0.096	3	2.38	0.022	0.1	0.3	0.05	1.6	0.1	<.05	7	<.5	<1
0.1	0.1	0.7	21	0.08	0.088	18	25	0.58	87	0.057	1	1.85	0.008	0.1	0.6	0.01	1.7	0.1	<.05	5	<.5	<1
0.3	0.3	0.5	28	0.38	0.253	10	22	0.36	344	0.129	3	3.18	0.023	0.14	0.3	0.04	2.3	0.2	<.05	9	<.5	<1
0.2	0.1	0.4	34	0.18	0.106	25	31	0.57	88	0.128	2	3.76	0.021	0.21	0.4	0.03	4.5	0.3	<.05	10	<.5	<1
0.4	0.3	0.5	29	0.26	0.18	13	35	0.74	172	0.08	2	2.73	0.01	0.17	0.6	0.02	2.5	0.2	<.05	8	<.5	<1
0.2	0.3	0.5	34	0.14	0.071	17	33	0.63	167	0.119	2	3.78	0.019	0.13	0.4	0.04	3.3	0.2	<.05	10	<.5	<1
0.1	0.2	0.4	28	0.17	0.135	22	22	0.39	141	0.144	2	4.07	0.031	0.11	0.3	0.04	3.8	0.2	<.05	9	<.5	<1
0.3	0.3	0.5	23	0.27	0.229	10	22	0.37	263	0.111	3	2.94	0.027	0.13	0.2	0.03	2.2	0.2	<.05	7	<.5	<1
0.3	0.3	0.3	20	0.32	0.198	8	17	0.31	322	0.07	3	1.64	0.023	0.15	0.1	0.04	1.8	0.1	<.05	5	<.5	<1
0.2	0.4	0.4	28	0.19	0.044	33	43	0.74	81	0.024	2	1.8	0.006	0.16	0.4	0.02	3	0.2	<.05	5	<.5	<1
0.2	0.3	1	32	0.19	0.062	15	31	0.59	209	0.096	3	2.91	0.023	0.16	0.4	0.03	2.6	0.2	<.05	9	<.5	<1
0.2	0.5	0.4	28	0.21	0.146	17	20	0.35	161	0.147	3	4.11	0.023	0.1	0.6	0.04	2.5	0.1	<.05	10	<.5	<1
0.2	0.3	0.4	26	0.16	0.204	12	19	0.34	173	0.121	1	3.38	0.024	0.11	0.6	0.04	2.4	0.1	<.05	8	<.5	<1
0.1	0.3	0.6	30	0.09	0.116	14	38	0.72	169	0.077	1	2.95	0.013	0.15	0.5	0.02	2.5	0.2	<.05	8	<.5	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.1	0.2	0.2	26	0.07	0.101	12	41	0.84	131	0.038	1	2.23	0.01	0.12	0.2	0.02	2.4	0.2	<.05	7	<.5	<1
0.1	0.1	0.4	25	0.13	0.074	16	37	0.9	129	0.039	1	2.07	0.006	0.12	0.5	0.01	2.2	0.1	<.05	7	<.5	<1
0.1	0.2	0.3	27	0.12	0.081	17	36	0.79	111	0.058	1	2.6	0.011	0.13	0.5	0.02	2.6	0.2	<.05	8	<.5	<1
0.2	0.3	0.3	26	0.13	0.122	10	29	0.68	129	0.084	1	2.89	0.012	0.11	0.4	0.02	2.3	0.1	<.05	9	<.5	<1
0.1	0.2	0.6	35	0.09	0.07	11	45	0.84	186	0.09	2	3.06	0.014	0.17	0.6	0.03	3	0.2	<.05	10	<.5	<1
0.2	0.3	0.3	18	0.16	0.117	12	20	0.44	206	0.039	1	1.52	0.012	0.09	0.4	0.02	1.5	0.1	<.05	5	<.5	<1
0.3	0.3	0.3	17	0.13	0.165	10	13	0.28	164	0.057	1	1.5	0.013	0.07	0.2	0.03	1.2	0.1	<.05	6	<.5	<1
0.1	0.2	0.3	18	0.08	0.075	15	20	0.64	119	0.037	<1	1.78	0.007	0.07	0.4	0.02	1.4	0.1	<.05	5	<.5	<1
0.2	0.4	0.4	29	0.09	0.171	7	17	0.27	113	0.121	2	3.42	0.02	0.07	0.4	0.06	2	0.1	<.05	9	<.5	<1
0.4	0.5	0.5	24	0.15	0.123	16	23	0.49	167	0.037	1	2.02	0.01	0.09	0.9	0.05	1.4	0.1	<.05	7	<.5	<1
0.3	0.5	0.5	28	0.07	0.1	15	26	0.55	116	0.073	1	2.75	0.012	0.07	0.9	0.04	2.3	0.1	<.05	8	<.5	<1
0.1	0.3	0.5	21	0.24	0.11	21	23	0.56	111	0.064	1	2.45	0.017	0.1	1.4	0.03	2.2	0.1	<.05	7	<.5	<1
0.1	0.4	0.3	20	0.09	0.236	17	25	0.54	118	0.058	<1	3.31	0.009	0.05	0.9	0.06	1.6	0.1	<.05	8	<.5	<1
0.1	0.2	0.4	21	0.06	0.061	33	34	1.05	91	0.031	<1	2.51	0.008	0.06	1.1	0.02	2	0.1	<.05	8	<.5	<1
0.2	0.3	0.4	28	0.08	0.115	13	16	0.35	107	0.12	1	3.54	0.016	0.05	0.3	0.05	2.2	0.1	<.05	9	<.5	<1
0.2	0.3	0.5	28	0.23	0.088	13	20	0.45	126	0.11	2	3.32	0.023	0.08	0.3	0.06	2.1	0.1	<.05	9	<.5	<1
0.2	0.4	0.3	21	0.17	0.178	13	19	0.43	128	0.089	3	3.28	0.019	0.07	0.4	0.05	1.8	0.1	<.05	8	<.5	<1
0.2	0.4	0.5	22	0.13	0.158	13	23	0.59	122	0.047	2	2.56	0.008	0.06	0.6	0.04	1.6	0.1	<.05	7	<.5	<1
0.2	0.6	0.5	24	0.03	0.129	8	19	0.39	73	0.067	1	3.16	0.008	0.02	0.3	0.11	1.9	0.1	<.05	9	0.6	<1
0.3	0.6	0.5	30	0.04	0.153	18	20	0.35	72	0.03	1	2.07	0.014	0.04	0.4	0.09	1.3	0.1	<.05	9	<.5	<1
0.3	1.2	0.5	32	0.03	0.202	8	26	0.33	68	0.065	1	3.14	0.009	0.02	0.4	0.21	1.6	0.1	<.05	11	0.5	<1
0.5	0.5	0.4	24	0.34	0.226	14	21	0.46	242	0.026	1	1.71	0.012	0.04	0.2	0.05	1.1	0.1	<.05	8	<.5	<1
0.4	0.5	0.4	24	0.08	0.087	12	17	0.31	83	0.056	<1	2.78	0.011	0.03	0.3	0.1	1.6	0.1	<.05	8	<.5	<1
0.2	1.1	0.5	37	0.13	0.089	16	24	0.4	74	0.058	1	2.47	0.009	0.03	0.3	0.04	1.5	0.1	<.05	11	0.5	<1
0.5	0.7	0.7	28	0.23	0.095	21	26	0.47	131	0.029	1	1.75	0.012	0.05	0.3	0.04	1.4	0.1	<.05	8	<.5	<1
0.2	0.4	1.1	28	0.08	0.079	23	31	0.62	37	0.039	1	2.29	0.008	0.03	0.5	0.06	1.4	0.1	<.05	9	0.9	<1
0.5	1.1	0.6	24	0.02	0.126	18	21	0.33	55	0.038	<1	2.31	0.008	0.03	0.4	0.06	1.8	0.1	<.05	8	<.5	<1
0.2	0.6	0.5	28	0.04	0.083	17	16	0.26	78	0.023	<1	1.3	0.009	0.03	0.3	0.02	1.1	0.1	<.05	8	<.5	<1
0.1	0.4	0.4	36	0.1	0.034	13	19	0.27	69	0.069	<1	1.09	0.011	0.03	0.2	0.02	0.8	0.1	<.05	8	<.5	<1
0.1	0.5	0.5	34	0.02	0.132	23	30	0.52	58	0.044	<1	1.29	0.004	0.03	0.3	0.02	1.4	0.1	<.05	7	<.5	<1
0.4	1.1	0.6	36	0.07	0.093	15	28	0.42	117	0.058	<1	1.29	0.006	0.03	0.3	0.04	1.2	0.1	<.05	8	<.5	<1
0.1	0.5	0.5	28	0.01	0.049	21	24	0.42	27	0.026	1	1.16	0.007	0.02	0.2	0.01	1	<.1	<.05	9	<.5	<1
0.2	0.8	0.6	24	0.03	0.066	15	22	0.38	38	0.022	<1	1.29	0.005	0.02	0.3	0.04	1.1	0.1	<.05	7	<.5	<1
0.2	1.2	0.6	26	0.02	0.065	16	26	0.5	23	0.025	1	1.18	0.005	0.02	0.2	0.03	1.1	0.1	<.05	7	0.6	<1
0.3	1	0.4	14	0.01	0.065	13	31	0.73	28	0.009	<1	1.42	0.003	0.02	0.1	0.07	1.1	<.1	0.06	4	0.5	<1
0.5	0.9	0.4	19	0.07	0.142	19	29	0.68	64	0.038	1	2.6	0.01	0.03	0.2	0.11	1.6	0.1	<.05	8	<.5	<1
0.1	0.3	0.5	17	0.01	0.038	22	15	0.35	42	0.021	1	0.85	0.005	0.02	0.6	0.04	0.8	0.1	<.05	5	<.5	<1
0.1	0.3	0.4	20	0.02	0.07	17	30	0.59	50	0.043	1	1.89	0.007	0.02	0.4	0.04	1.4	0.1	<.05	7	<.5	<1
0.2	0.2	0.2	17	0.06	0.079	11	11	0.24	52	0.095	1	3.88	0.02	0.03	0.2	0.09	2	0.1	<.05	8	0.9	<1
0.1	0.5	0.3	17	0.02	0.046	15	15	0.34	45	0.014	1	1	0.007	0.02	0.2	0.08	0.7	0.1	<.05	6	<.5	<1
0.1	0.6	0.4	21	0.01	0.035	13	17	0.4	45	0.015	<1	1.22	0.008	0.02	0.2	0.03	0.8	0.1	<.05	7	<.5	<1
0.2	0.3	0.3	11	0.02	0.045	16	19	0.58	21	0.008	1	1.1	0.007	0.02	0.3	0.02	0.9	0.1	<.05	5	0.6	<1
0.2	0.4	0.3	25	0.04	0.059	8	12	0.17	44	0.11	1	3.12	0.018	0.03	0.5	0.08	2.2	0.1	<.05	11	<.5	<1
0.2	0.6	0.4	26	0.05	0.064	10	15	0.24	67	0.097	1	3.32	0.014	0.03	0.2	0.06	1.3	0.1	<.05	10	0.7	<1
0.2	0.4	0.5	20	0.03	0.043	24	17	0.32	62	0.023	1	1.89	0.007	0.04	0.3	0.03	1.5	0.1	<.05	6	0.5	<1
0.3	0.6	0.3	23	0.1	0.07	13	20	0.29	58	0.045	1	2.11	0.007	0.04	0.3	0.06	1.3	0.1	<.05	8	0.6	<1
0.5	0.7	0.4	16	0.09	0.073	16	22	0.48	40	0.031	<1	1.95	0.013	0.03	0.3	0.09	1.1	0.1	<.05	7	0.5	<1
2.2	1.3	0.4	16	0.12	0.1	57	12	0.16	29	0.035	1	1.49	0.012	0.03	0.3	0.15	0.6	0.1	0.09	7	1.3	<1
0.5	0.7	0.9	15	0.39	0.181	10	9	0.17	104	0.024	1	1.08	0.008	0.03	0.3	0.05	1.7	0.1	<.05	4	<.5	<1
0.1	0.2	0.5	17	0.03	0.08	10	12	0.21	73	0.039	1	1.97	0.009	0.02	0.4	0.07	1.2	0.1	<.05	6	<.5	<1
0.2	0.2	0.2	14	0.05	0.122	8	9	0.11	43	0.121	1	5.3	0.018	0.03	0.3	0.11	2.6	0.1	<.05	9	0.8	<1
0.1	0.2	0.4	26	0.02	0.123	11	19	0.25	47	0.047	1	2.13	0.009	0.02	0.4	0.05	1.1	0.1	<.05	11	0.5	<1
0.1	0.5	0.3	23	0.04	0.118	7	15	0.28	64	0.086	1	4.09	0.012	0.03	0.7	0.07	1.3	0.1	<.05	9	0.6	<1
0.2	0.4	0.3	18	0.09	0.071	19	19	0.48	99	0.04	1	2.76	0.01	0.03	1	0.06	2	0.1	<.05	7	0.6	<1
0.2	0.6	0.4	23	0.02	0.084	8	11	0.1	52	0.063	1	2.18	0.008	0.02	0.4	0.07	1.1	<.1	<.05	10	0.6	<1
0.2	0.3	0.3	19	0.05	0.192	10	10	0.16	67	0.065	1	2.46	0.017	0.03	0.3	0.04	1.6	0.1	<.05	8	0.5	<1
<.1	0.1	0.3	17	0.02	0.071	25	31	0.9	40	0.014	1	2.08	0.006	0.02	1.3	0.03	1.7	<.1	<.05	6	0.6	<1
0.1	0.4	0.4	23	0.1	0.177	26	25	0.57	74	0.025	1	1.72	0.015	0.04	1	0.05	1.2	0.1	<.05	8	<.5	<1
0.2	0.6	0.4	20	0.05	0.099	12	14	0.27	56	0.031	1	1.26	0.011	0.03	0.4	0.06	0.7	0.1	<.05	7	<.5	<1
0.2	0.4	0.3	21	0.05	0.333	8	13	0.21	120	0.062	1	2.29	0.01	0.03	0.6	0.05	1.2	0.1	<.05	8	0.5	<1
0.3	0.5	0.3	19	0.14	0.136	15	13	0.22	63	0.058	1	2.27	0.011	0.04	0.6	0.06	1.3	0.1	<.05	8	<.5	<1
0.2	0.2	0.2	16	0.06	0.236	20	18	0.45	81	0.057	1	2.84	0.012	0.04	0.7	0.05	2	0.1	<.05	7	0.6	<1
0.3	0.3	0.3	14	0.14	0.257	23	21	0.5	124	0.039	1	1.97	0.01	0.05	0.6	0.05	1.3	0.1	<.05	6	0.7	<1
0.3	0.4	0.3	22	0.11	0.247	20	24	0.57	117	0.044	1	2.71	0.007	0.06	1	0.04	1.7	0.1	<.05	7	0.6	<1
0.3	0.6	0.3	19	0.21	0.137	14	21	0.48	114	0.056	1	2.66	0.009	0.05	2.8	0.05	1.6	0.1	<.05	7	<.5	<1
0.3	0.5	0.4	18	0.17	0.237	11	14	0.27	146	0.072	1	2.28	0.012	0.04	1.4	0.06	1.5	0.1	<.05	7	<.5	<1
0.2	0.4	0.3	18	0.1	0.163	8	14	0.26	92	0.087	1	3.94	0.011	0.03	1.2	0.04	1.5	0.1	<.05	8	<.5	<1
0.2	0.4	0.4	21	0.11	0.133	8	13	0.27	89	0.1	1	4.14	0.014	0.03	0.8	0.05	1.4	0.1	<.05	9	0.5	<1
0.3	0.4	0.4	19	0.16	0.369	6	11	0.17	121	0.1	1	3.66	0.013	0.03	1.2	0.04	1.3	0.1	<.05	9	0.5	<1
0.3	0.3	0.4	21	0.14	0.255	8	13	0.25	115	0.118	2	5.17	0.013	0.04	1.2	0.05	1.7	0.1	<.05	9	<.5	<1
0.1	0.5	0.7	34	0.01	0.136	18	25	0.63	50	0.046	<1	1.67	0.006	0.03	0.3	0.03	1.5	0.1	<.05	10	<.5	<1
0.2	1.2	1	22	0.03	0.115	22	38	1.02	33	0.009	<1	2.17	0.006	0.03	0.6	0.06	2.2	0.1	<.05	8	0.5	<1
0.3	0.6	0.3	32	0.03	0.084	9	18	0.31	46	0.103	1	4.33	0.012	0.02	0.4	0.13	2.6	0.1	<.05	10	0.7	<1
0.1	0.7	0.5	39	0.01	0.04	23	23	0.43	25	0.042	<1	1.37	0.005	0.02	0.5	0.05	1.2	0.1	<.05	11	0.5	<1
0.1	0.5	0.5	26	0.01	0.087	20	28	0.54	21	0.021	<1	1.61	0.007	0.02	0.4	0.04	1.4	<.1	<.05	8	0.5	<1
0.1	0.4	0.4	30	0.02	0.082	10	30	0.45	42	0.07	1	3.85	0.008	0.02	0.3	0.08	2.1	0.1	<.05	11	0.6	<1
0.4	1	0.6	28	0.03	0.074	16	32	0.59	32	0.032	1	2.36	0.006	0.03	0.3	0.07	1.5	0.1	<.05	10	<.5	<1
0.2	1	0.6	29	0.01	0.069	17	37	0.77	18	0.034	<1	1.89	0.005	0.02	0.3	0.03	1.4	<.1	<.05	11	<.5	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.3	0.5	0.4	53	0.13	0.091	39	70	1.29	67	0.104	1	2.46	0.007	0.03	0.6	0.03	2.9	0.1	<.05	10	<.5	<1
0.2	0.6	0.4	25	0.01	0.06	17	30	0.79	23	0.023	<1	1.66	0.005	0.02	0.7	0.05	1.4	0.1	<.05	8	<.5	<1
0.3	0.6	0.7	32	0.02	0.085	18	42	0.91	35	0.05	<1	2.28	0.005	0.03	0.3	0.05	1.8	0.1	<.05	10	0.6	<1
0.2	0.7	0.6	31	0.02	0.097	20	29	0.74	46	0.045	<1	1.45	0.005	0.03	0.2	0.05	1.4	0.1	<.05	7	<.5	<1
0.2	0.4	0.7	35	0.01	0.045	13	23	0.33	34	0.081	<1	1.38	0.009	0.02	0.3	0.04	1.1	0.1	<.05	15	<.5	<1
0.6	0.6	0.6	25	0.04	0.08	15	26	0.59	50	0.026	<1	1.44	0.008	0.03	0.2	0.06	1	0.1	<.05	9	<.5	<1
0.2	0.6	0.6	24	0.01	0.072	12	21	0.34	27	0.033	<1	1.58	0.006	0.02	0.2	0.05	1.1	<.1	<.05	9	0.5	<1
0.1	0.7	0.5	40	0.01	0.042	8	16	0.18	27	0.1	1	1.73	0.011	0.02	0.3	0.08	1.1	0.1	<.05	14	0.5	<1
0.2	0.6	0.5	31	0.02	0.068	14	21	0.3	22	0.054	1	1.46	0.007	0.02	0.3	0.06	1.1	0.1	<.05	12	0.5	<1
0.2	0.6	0.3	24	0.03	0.08	14	20	0.29	26	0.051	1	2.21	0.007	0.02	0.2	0.12	1.3	0.1	<.05	10	<.5	<1
0.1	0.2	0.4	20	0.02	0.035	19	11	0.24	27	0.044	1	0.67	0.008	0.02	0.1	0.02	0.6	0.1	<.05	7	<.5	<1
0.1	0.4	0.4	20	0.01	0.078	18	26	0.68	32	0.025	2	1.84	0.005	0.02	0.1	0.06	1.5	0.1	0.07	7	<.5	<1
0.1	0.5	0.4	23	0.01	0.093	23	29	0.61	33	0.032	2	1.49	0.006	0.02	0.2	0.02	1.3	0.1	0.07	7	0.5	<1
0.2	0.3	0.3	28	0.02	0.062	9	21	0.31	48	0.067	2	3.05	0.013	0.03	0.2	0.12	1.9	0.1	0.08	9	0.6	<1
0.1	0.5	0.4	24	0.01	0.031	12	12	0.2	21	0.028	2	0.94	0.008	0.02	0.2	0.04	0.8	0.1	0.06	8	0.6	<1
0.3	0.6	0.4	28	0.02	0.046	14	23	0.29	31	0.041	2	1.06	0.009	0.03	0.2	0.03	0.9	0.1	0.05	7	0.5	<1
0.2	0.3	0.4	38	0.04	0.227	13	56	0.72	96	0.097	2	2.72	0.008	0.05	0.3	0.03	2.3	0.1	0.07	9	0.5	<1
0.2	0.4	0.3	41	0.07	0.19	5	40	0.32	88	0.161	1	4.73	0.015	0.04	0.2	0.06	2.2	0.1	0.09	11	0.5	<1
0.1	0.9	0.3	34	0.02	0.104	6	27	0.1	35	0.103	1	4.74	0.011	0.02	0.3	0.15	2.1	0.1	0.1	13	0.7	<1
0.1	0.5	0.5	26	0.01	0.065	19	28	0.56	40	0.025	1	1.98	0.005	0.02	0.4	0.06	1.7	0.1	0.06	7	<.5	<1
0.2	0.6	0.5	39	0.02	0.087	15	40	0.25	40	0.064	2	1.98	0.009	0.02	1	0.07	1.7	0.1	0.06	9	0.5	<1
0.1	0.5	0.5	25	0.01	0.072	22	22	0.43	26	0.023	1	1.36	0.005	0.02	1.7	0.05	1.1	0.1	0.06	7	0.5	<1
0.1	0.4	0.3	23	0.01	0.087	11	17	0.26	36	0.055	1	3	0.009	0.02	0.3	0.18	1.9	0.1	0.07	8	0.8	<1
0.1	0.3	0.4	25	0.01	0.059	14	12	0.26	25	0.044	1	0.91	0.009	0.02	0.3	0.02	0.8	0.1	0.05	8	0.6	<1
0.3	0.5	0.4	25	0.03	0.186	6	15	0.17	48	0.081	2	3.18	0.011	0.03	0.4	0.07	1.5	0.1	0.06	9	<.5	<1
0.2	0.3	0.4	22	0.03	0.118	7	10	0.14	59	0.074	1	2.14	0.011	0.04	0.2	0.06	1.7	0.1	<.05	7	<.5	<1
0.1	0.3	0.3	22	0.02	0.064	11	14	0.29	85	0.043	1	1.95	0.009	0.03	0.2	0.07	1.3	0.1	<.05	7	<.5	<1
0.1	0.4	0.4	20	0.02	0.067	16	19	0.45	65	0.032	1	1.92	0.009	0.04	0.4	0.04	1.5	0.1	<.05	6	0.5	<1
0.1	0.4	0.4	17	0.03	0.049	18	20	0.52	67	0.023	1	1.87	0.006	0.04	0.3	0.03	1.5	0.1	<.05	5	<.5	<1
0.2	0.3	0.3	22	0.03	0.053	16	20	0.47	107	0.048	1	2.25	0.008	0.04	0.3	0.03	1.8	0.1	<.05	6	<.5	<1
0.1	0.3	0.3	21	0.04	0.057	13	21	0.42	85	0.044	1	2.54	0.011	0.05	0.4	0.05	1.8	0.1	<.05	7	0.5	<1
0.1	0.3	0.4	21	0.03	0.062	15	21	0.43	89	0.03	1	1.79	0.01	0.04	0.3	0.03	1.3	0.1	<.05	6	<.5	<1
0.1	0.3	0.4	24	0.02	0.059	16	27	0.52	75	0.034	1	2.08	0.008	0.04	0.5	0.04	1.6	0.1	0.05	7	<.5	<1
0.1	0.4	0.5	27	0.03	0.052	13	19	0.31	60	0.029	1	1.97	0.011	0.04	0.5	0.04	1.4	0.1	<.05	8	<.5	<1
0.2	0.6	0.4	23	0.03	0.07	14	20	0.38	67	0.042	1	2.66	0.008	0.03	0.3	0.08	2	0.1	<.05	7	<.5	<1
0.1	0.5	0.4	24	0.02	0.053	16	22	0.47	93	0.036	1	2.11	0.009	0.04	0.4	0.03	1.4	0.1	<.05	6	<.5	<1
0.1	0.3	0.5	24	0.02	0.045	17	21	0.44	94	0.025	1	1.99	0.009	0.04	0.5	0.05	1.5	0.1	<.05	6	<.5	<1
0.1	0.4	0.4	24	0.02	0.053	13	22	0.38	93	0.038	2	1.94	0.01	0.04	0.3	0.04	1.4	0.1	<.05	7	<.5	<1
0.2	0.6	0.4	25	0.03	0.071	13	29	0.37	59	0.053	1	1.96	0.007	0.03	0.8	0.07	1.6	0.1	<.05	7	<.5	<1
0.2	0.4	0.6	27	0.02	0.064	17	20	0.34	30	0.031	1	1.76	0.007	0.03	0.5	0.05	1.3	0.1	<.05	8	0.5	<1
0.1	0.3	1.1	26	0.03	0.052	16	18	0.35	45	0.03	1	1.7	0.006	0.03	0.7	0.04	1.2	0.1	<.05	8	<.5	<1
0.2	0.3	0.5	22	0.02	0.066	17	22	0.44	49	0.035	1	2.44	0.006	0.03	0.3	0.06	1.9	0.1	<.05	6	<.5	<1
0.1	0.3	0.4	23	0.04	0.078	13	26	0.37	55	0.034	2	3.2	0.008	0.03	0.5	0.03	1.8	0.1	<.05	6	<.5	<1
0.1	0.3	0.3	24	0.04	0.097	6	17	0.2	59	0.088	2	4.15	0.013	0.03	0.3	0.06	2.2	0.1	0.05	8	0.5	<1
0.1	0.5	0.4	25	0.05	0.072	9	18	0.35	70	0.07	1	3.01	0.01	0.03	0.3	0.05	1.9	0.1	<.05	8	0.5	<1
0.3	0.5	0.3	25	0.06	0.08	8	13	0.26	112	0.099	1	3.43	0.012	0.03	0.3	0.05	1.9	0.1	<.05	9	0.7	<1
0.3	0.3	0.4	26	0.05	0.066	10	15	0.27	121	0.087	2	2.98	0.011	0.03	0.3	0.05	1.6	0.1	<.05	9	<.5	<1
0.1	0.3	0.5	29	0.03	0.047	25	28	0.6	84	0.032	1	2.33	0.011	0.05	0.2	0.05	1.7	0.1	<.05	8	<.5	<1
<.1	0.3	0.5	30	0.03	0.052	29	35	0.87	86	0.022	1	2.3	0.009	0.04	0.3	0.04	1.5	0.1	<.05	9	<.5	<1
0.1	0.4	0.7	28	0.05	0.065	30	30	0.79	79	0.021	1	2.13	0.01	0.06	0.3	0.04	1.4	0.1	<.05	8	0.6	<1
0.1	0.4	0.7	24	0.02	0.092	36	35	0.76	25	0.011	<1	1.89	0.005	0.03	0.3	0.06	1.5	0.1	<.05	7	1	<1
0.3	0.8	1.4	29	0.14	0.068	28	29	0.65	183	0.027	1	2.21	0.011	0.07	1	0.04	1.5	0.1	<.05	8	0.5	<1
0.2	0.5	0.8	27	0.05	0.088	25	32	0.79	110	0.034	<1	2.35	0.008	0.05	0.3	0.04	1.4	0.1	<.05	7	0.5	<1
0.3	0.2	0.5	25	0.1	0.068	19	29	0.68	159	0.065	1	2.35	0.013	0.07	0.2	0.03	1.6	0.1	<.05	7	<.5	<1
0.2	0.4	0.5	32	0.11	0.086	18	42	0.77	93	0.107	1	3.55	0.013	0.06	0.3	0.04	2.6	0.1	<.05	9	<.5	<1
0.3	0.6	0.5	32	0.09	0.071	32	61	1.1	108	0.052	2	2.25	0.01	0.07	0.2	0.02	1.8	0.1	<.05	8	<.5	<1
0.1	0.3	0.4	19	0.07	0.064	24	28	0.81	98	0.029	1	2.69	0.008	0.06	0.1	0.03	1.4	0.1	<.05	7	<.5	<1
0.1	0.4	0.3	18	0.04	0.047	28	32	0.8	43	0.014	<1	2.17	0.006	0.04	0.2	0.04	1.5	0.1	<.05	6	<.5	<1
0.4	0.3	0.3	23	0.11	0.051	21	23	0.41	106	0.037	1	2.3	0.015	0.08	0.2	0.03	1.7	0.1	<.05	7	<.5	<1
0.3	0.3	0.3	19	0.11	0.094	23	26	0.64	110	0.047	<1	2.37	0.012	0.06	0.2	0.03	1.6	0.1	<.05	7	<.5	<1
0.5	0.3	0.2	21	0.18	0.165	11	15	0.29	117	0.111	2	3.63	0.028	0.07	0.2	0.04	2.2	0.1	<.05	8	<.5	<1
0.2	0.4	0.3	18	0.06	0.055	29	35	0.93	67	0.026	<1	2.29	0.009	0.04	0.2	0.03	1.7	0.1	<.05	6	<.5	<1
0.2	0.5	0.4	21	0.08	0.155	17	27	0.64	90	0.047	1	2.11	0.011	0.04	0.2	0.03	1.4	<.1	<.05	7	<.5	<1
0.2	0.7	0.6	52	0.13	0.112	18	104	1.41	106	0.146	1	2.55	0.01	0.05	0.2	0.02	2.2	0.1	<.05	9	<.5	<1
0.1	0.8	0.6	15	0.02	0.093	22	37	0.99	28	0.014	<1	2.18	0.005	0.02	0.1	0.02	1.7	<.1	<.05	6	0.7	<1
0.1	0.5	0.4	31	0.07	0.107	19	35	0.64	140	0.049	1	2.29	0.022	0.07	0.2	0.03	1.8	0.1	<.05	8	<.5	<1
0.1	0.6	0.5	28	0.05	0.085	17	29	0.58	136	0.04	1	2.41	0.013	0.06	0.2	0.04	1.6	0.1	<.05	8	<.5	<1
0.1	0.6	0.5	25	0.03	0.078	19	36	0.88	81	0.034	<1	2.95	0.01	0.04	0.2	0.03	1.9	0.1	<.05	9	0.5	<1
0.1	0.7	0.5	23	0.07	0.133	23	33	0.79	96	0.025	1	2.29	0.012	0.06	0.2	0.02	1.8	0.1	<.05	8	<.5	<1
0.1	0.7	0.5	26	0.03	0.067	24	33	0.72	81	0.03	1	2.53	0.011	0.06	0.2	0.04	1.8	0.1	<.05	9	<.5	<1
0.1	0.7	0.6	25	0.04	0.094	29	36	0.71	64	0.019	1	2.73	0.01	0.05	0.5	0.05	2.3	0.1	<.05	9	0.7	<1
0.1	0.7	0.4	20	0.03	0.094	28	36	0.89	57	0.021	<1	2.42	0.006	0.04	0.7	0.03	1.9	0.1	<.05	8	<.5	<1
0.1	0.5	0.3	22	0.04	0.073	26	34	0.81	63	0.032	<1	2.66	0.007	0.04	0.2	0.04	1.9	0.1	<.05	8	<.5	<1
0.1	0.4	0.4	24	0.08	0.087	17	22	0.4	108	0.058	1	2.42	0.017	0.06	0.2	0.04	1.8	0.1	<.05	8	<.5	<1
0.1	0.6	0.4	22	0.04	0.085	30	35	0.74	89	0.02	<1	2.74	0.014	0.06	0.2	0.04	2.2	0.1	<.05	8	<.5	<1
0.1	0.5	0.4	15	0.03	0.065	38	42	1.22	44	0.007	<1	2.49	0.007	0.03	0.1	0.02	2.1	<.1	<.05	8	<.5	<1
0.2	0.7	0.7	23	0.15	0.113	25	30	0.54	55	0.027	1	1.8	0.012	0.05	0.2	0.06	1.4	0.1	<.05	9	0.5	<1
0.2	0.7	0.8	22	0.03	0.089	19	29	0.69	48	0.048	1	2.39	0.011	0.04	0.3	0.06	1.7	0.1	<.05	9	<.5	<1
0.1	0.4	0.4	28	0.04	0.065	17	24	0.38	103	0.045	<1	2.68	0.018	0.05	0.2	0.04	1.6	0.1	<.05	9	<.5	<1
0.2	0.4	0.4	29	0.06	0.071	17	22	0.39	112	0.068	1	2.38	0.014	0.05	0.1	0.06	1.7	0.1	<.05	9	<.5	<1
0.3	0.5	0.4	26	0.07	0.086	14	20	0.35	96	0.072	1	2.75	0.014	0.05	0.2	0.07	1.7	0.1	<.05	9	<.5	<1
0.1	0.6	0.5	19	0.07	0.07	27	28	0.64	64	0.029	1	2.28	0.01	0.05	0.1	0.04	2	0.1	<.05	7	0.5	<1
0.2	0.5	0.6	21	0.03	0.04	23	25	0.47	37	0.042	<1	1.89	0.01	0.03	0.2	0.09	1.3	0.1	<.05	10	0.6	<1
0.2	0.5	0.4	22	0.04	0.09	13	41	0.7	32	0.019	1	2.86	0.006	0.02	0.2	0.08	1.7	<.1	<.05	7	0.5	<1
0.1	0.8	0.4	11	0.05	0.054	10	13	0.28	31	0.009	1	0.74	0.007	0.03	0.1	0.1	0.5	0.1	<.05	5	<.5	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.2	0.3	0.4	21	0.04	0.074	16	21	0.5	161	0.055	1	2.81	0.011	0.05	0.2	0.05	2.5	0.1	<.05	8	<.5	<1
0.2	0.6	0.4	17	0.03	0.061	15	28	0.61	85	0.044	1	2.95	0.008	0.02	0.2	0.04	2.6	<.1	<.05	6	<.5	<1
0.1	0.4	0.3	16	0.01	0.041	23	36	1.08	52	0.004	1	2.19	0.003	0.02	0.3	0.02	2.2	<.1	<.05	6	<.5	<1
0.1	0.3	0.3	22	0.02	0.081	21	31	0.83	66	0.022	1	2.84	0.005	0.03	0.3	0.05	2.2	0.1	<.05	7	<.5	<1
0.1	0.6	0.4	23	0.02	0.053	16	21	0.5	48	0.025	1	1.68	0.006	0.02	0.3	0.04	1.2	0.1	<.05	8	<.5	<1
0.1	0.5	0.4	22	0.02	0.057	16	19	0.36	58	0.016	<1	1.51	0.007	0.03	0.2	0.03	1.2	0.1	<.05	7	<.5	<1
0.1	0.7	0.4	22	0.02	0.058	16	20	0.36	48	0.029	1	1.41	0.006	0.02	0.2	0.03	1.2	0.1	<.05	6	<.5	<1
0.1	0.3	0.3	22	0.02	0.135	10	24	0.57	65	0.067	1	3.14	0.01	0.03	0.2	0.05	2.5	0.1	<.05	9	<.5	<1
0.1	0.9	0.4	21	0.03	0.051	18	16	0.33	40	0.021	1	1	0.007	0.03	0.1	0.01	0.8	0.1	<.05	6	<.5	<1
0.1	0.8	0.4	22	0.02	0.067	22	30	0.55	45	0.024	1	1.56	0.013	0.04	0.2	0.03	1.4	0.1	<.05	7	0.6	<1
0.1	0.3	0.3	22	0.01	0.086	12	19	0.29	60	0.005	1	1.75	0.006	0.07	0.2	0.13	1.2	0.1	<.05	7	<.5	<1
0.2	0.4	0.3	21	0.03	0.068	16	20	0.41	58	0.023	1	1.9	0.006	0.04	0.2	0.03	1.3	0.1	<.05	6	<.5	<1
0.2	0.4	0.3	17	0.02	0.063	18	30	0.74	51	0.019	<1	2.18	0.004	0.03	0.2	0.03	1.8	<.1	<.05	5	<.5	<1
0.1	0.3	0.3	21	0.01	0.055	18	27	0.63	43	0.013	1	1.92	0.004	0.03	0.2	0.03	1.4	0.1	<.05	7	<.5	<1
0.5	0.4	0.3	22	0.07	0.062	14	17	0.3	157	0.033	1	1.71	0.008	0.06	0.1	0.03	1.4	0.2	<.05	7	<.5	<1
0.3	0.4	0.3	20	0.05	0.066	11	21	0.37	137	0.046	1	2.19	0.008	0.05	0.2	0.05	1.8	0.1	<.05	7	<.5	<1
1.1	0.8	0.4	23	0.07	0.071	14	23	0.44	86	0.031	1	1.62	0.006	0.05	0.2	0.04	1.3	0.1	<.05	7	<.5	<1
0.8	0.3	0.3	28	0.07	0.062	12	48	0.57	159	0.056	1	2.16	0.008	0.06	0.2	0.04	2	0.1	<.05	6	<.5	<1
0.2	0.1	0.2	12	0.02	0.041	14	24	0.62	49	0.01	<1	1.68	0.003	0.03	0.1	0.04	1.2	<.1	<.05	6	<.5	<1
0.3	0.4	0.4	23	0.03	0.166	7	16	0.18	77	0.078	<1	3.13	0.01	0.03	0.3	0.1	1.5	0.1	<.05	10	<.5	<1
0.7	0.4	0.3	15	0.03	0.068	18	18	0.49	56	0.016	1	1.1	0.006	0.04	0.1	0.03	0.9	0.1	<.05	5	<.5	<1
0.4	0.3	1.2	15	0.06	0.083	9	16	0.61	40	0.025	1	1.38	0.004	0.05	0.1	0.04	1	0.1	<.05	5	0.5	<1
0.3	0.6	0.4	17	0.06	0.102	14	14	0.29	80	0.025	<1	1.37	0.007	0.04	0.2	0.09	0.9	0.1	<.05	6	<.5	<1
0.3	0.6	0.3	25	0.03	0.084	9	16	0.18	88	0.05	1	2.51	0.009	0.03	0.3	0.11	1.7	0.1	<.05	9	<.5	<1
0.3	0.4	0.4	26	0.03	0.078	22	24	0.56	64	0.052	<1	2.68	0.007	0.04	0.2	0.06	2.2	0.1	<.05	9	<.5	<1
0.1	0.2	1.4	13	0.03	0.052	17	17	0.5	42	0.013	<1	1.26	0.002	0.04	1.1	0.02	0.9	<.1	<.05	4	<.5	<1
0.2	0.3	0.5	23	0.16	0.045	12	10	0.29	72	0.062	1	1.33	0.011	0.05	0.4	0.05	1	0.1	<.05	9	<.5	<1
0.1	0.2	0.6	16	0.03	0.046	16	14	0.45	44	0.019	<1	1.68	0.003	0.03	1	0.04	1.1	0.1	<.05	5	<.5	<1
0.1	0.2	0.8	14	0.06	0.029	18	15	0.39	34	0.018	<1	1.23	0.002	0.03	1.2	0.03	1.1	<.1	<.05	4	<.5	<1
0.1	0.2	0.9	12	0.07	0.041	15	13	0.46	42	0.014	<1	1.38	0.002	0.03	1.3	0.02	1.2	0.1	<.05	3	0.5	<1
0.3	0.4	0.7	24	0.05	0.042	13	12	0.31	54	0.04	1	1.14	0.003	0.04	0.7	0.07	0.9	0.1	<.05	7	<.5	<1
0.1	0.2	0.4	25	0.08	0.049	32	13	0.25	53	0.073	1	2.56	0.011	0.05	0.4	0.08	2.6	0.1	<.05	9	1.1	<1
0.2	0.2	0.9	30	0.03	0.036	11	11	0.28	35	0.066	1	1.21	0.006	0.04	1.6	0.04	1.1	0.1	<.05	7	0.5	<1
0.1	0.3	1.1	18	0.14	0.049	16	18	0.58	65	0.018	1	1.17	0.004	0.08	1.5	0.02	1.7	0.1	<.05	4	<.5	<1
0.1	0.2	1	18	0.07	0.049	11	14	0.61	28	0.025	<1	1.32	0.002	0.05	2.5	0.02	1.3	0.1	<.05	3	<.5	<1
0.8	0.2	0.5	23	0.35	0.153	19	12	0.22	67	0.055	1	2.79	0.016	0.04	0.3	0.08	1.8	0.1	0.12	9	0.5	<1
0.1	0.2	0.8	19	0.03	0.057	11	25	0.73	36	0.016	<1	2.53	0.003	0.03	1.8	0.03	1.9	0.1	<.05	5	<.5	<1
0.3	0.7	0.6	43	0.04	0.116	6	30	0.37	14	0.084	1	2.46	0.008	0.02	0.4	0.11	1.4	0.1	0.07	14	1	<1
0.1	0.2	0.5	27	0.02	0.038	9	26	0.55	20	0.061	<1	3.12	0.009	0.02	0.5	0.05	2	<.1	<.05	8	0.6	<1
0.1	0.2	0.3	26	0.04	0.051	7	17	0.26	26	0.093	1	3.79	0.014	0.02	0.3	0.08	1.8	0.1	<.05	9	0.8	<1
0.1	0.2	0.7	25	0.02	0.072	11	31	0.73	20	0.018	<1	2.17	0.003	0.03	1	0.07	1.3	0.1	<.05	7	0.5	<1
0.2	0.6	1.2	15	0.04	0.063	15	20	0.61	40	0.012	<1	1.68	0.003	0.06	1.5	0.03	2.3	0.1	<.05	3	0.8	<1
0.2	0.3	1.3	27	0.03	0.045	12	17	0.49	50	0.035	<1	2.06	0.004	0.05	3.4	0.04	1.8	0.1	<.05	5	0.5	<1
0.1	0.2	1.2	25	0.02	0.042	16	21	0.54	61	0.025	1	1.96	0.004	0.06	2.7	0.03	2.1	0.1	<.05	5	<.5	<1
0.1	0.2	1	20	0.05	0.035	21	22	0.84	50	0.018	<1	1.8	0.004	0.07	1.7	0.02	1.5	0.1	<.05	4	<.5	<1
0.1	0.3	1.2	26	0.02	0.045	16	18	0.47	40	0.055	1	2.23	0.006	0.04	1.4	0.05	2.4	0.1	<.05	7	0.5	<1
0.2	0.2	0.7	28	0.04	0.057	16	17	0.34	41	0.081	<1	2.58	0.011	0.04	0.7	0.1	3.1	0.1	<.05	9	0.8	<1
0.2	0.3	0.9	29	0.04	0.047	10	17	0.43	63	0.055	1	2.74	0.006	0.03	1.7	0.06	1.9	0.1	<.05	6	0.5	<1
0.3	0.7	1.8	14	0.02	0.05	15	21	0.49	23	0.013	<1	2.02	0.003	0.02	2.5	0.06	2.3	0.1	<.05	4	1.6	<1
0.1	0.4	1.2	20	0.01	0.044	15	20	0.5	27	0.015	<1	1.77	0.002	0.03	1.3	0.05	1.6	0.1	<.05	5	0.5	<1
0.1	0.4	0.7	23	0.03	0.044	15	19	0.5	38	0.028	<1	2.04	0.005	0.03	0.6	0.05	1.6	0.1	<.05	6	0.6	<1
0.2	0.5	0.8	20	0.02	0.041	13	24	0.57	35	0.021	1	2.48	0.004	0.03	0.5	0.06	2	0.1	<.05	6	0.8	<1
0.1	0.2	0.8	23	0.07	0.029	14	23	0.71	49	0.019	<1	2.45	0.005	0.04	1.3	0.03	1.8	0.1	<.05	6	0.8	<1
0.3	0.3	0.6	44	0.02	0.039	10	20	0.32	27	0.097	<1	2.27	0.008	0.03	0.5	0.07	1.7	0.1	<.05	15	0.9	<1
0.1	0.3	0.8	15	0.02	0.046	18	24	0.79	24	0.012	<1	1.92	0.002	0.04	2.3	0.03	1.6	0.1	<.05	4	<.5	<1
0.1	0.3	0.9	17	0.03	0.047	17	23	0.79	23	0.015	<1	1.9	0.003	0.04	2.7	0.03	1.5	0.1	<.05	4	0.5	<1
0.1	0.2	0.6	13	0.03	0.042	13	22	0.81	32	0.01	<1	1.55	0.003	0.03	0.8	0.02	0.9	<.1	<.05	5	<.5	<1
0.2	0.2	0.6	18	0.08	0.034	14	20	0.71	40	0.018	<1	1.53	0.003	0.03	0.5	0.02	0.9	<.1	<.05	5	<.5	<1
0.5	0.2	0.7	21	0.15	0.056	14	19	0.68	78	0.039	1	1.67	0.006	0.05	0.3	0.02	1.5	0.1	<.05	6	<.5	<1
0.3	0.3	0.6	17	0.07	0.032	13	20	0.72	30	0.019	1	1.73	0.004	0.03	0.2	0.03	1	<.1	<.05	6	<.5	<1
0.4	0.2	0.6	20	0.18	0.042	11	13	0.38	28	0.061	1	2.06	0.008	0.03	0.2	0.05	1.5	0.1	<.05	7	0.9	<1
0.5	0.5	0.6	9	0.22	0.072	14	18	0.61	15	0.009	<1	1.55	0.003	0.02	0.2	0.04	1.6	<.1	<.05	3	1	<1
0.1	0.3	0.6	13	0.06	0.045	16	18	0.61	18	0.027	<1	1.52	0.003	0.04	0.1	0.03	1.3	0.1	<.05	4	0.7	<1
0.2	0.3	0.5	14	0.07	0.05	18	22	0.63	20	0.018	1	1.83	0.003	0.03	0.2	0.04	1.3	0.1	<.05	5	0.6	<1
0.5	0.3	0.5	22	0.03	0.04	17	23	0.41	23	0.038	1	1.81	0.006	0.02	0.1	0.05	1.3	0.1	<.05	10	0.9	<1
0.1	0.4	0.6	26	0.01	0.047	21	34	0.78	23	0.014	<1	2.43	0.004	0.02	0.2	0.04	1.8	0.1	<.05	6	0.5	<1
0.1	0.2	0.5	21	0.01	0.064	18	33	0.77	20	0.014	<1	2.47	0.004	0.02	0.2	0.05	1.9	<.1	<.05	6	0.5	<1
0.1	0.3	0.3	27	0.02	0.061	11	15	0.3	37	0.068	1	3.35	0.011	0.02	0.2	0.09	3	0.1	<.05	9	1.1	<1
0.1	0.4	0.5	22	0.02	0.054	20	32	0.64	27	0.015	1	2.3	0.005	0.03	0.2	0.08	2.1	0.1	<.05	8	0.9	<1
0.1	0.5	0.5	22	0.01	0.047	15	32	0.82	37	0.014	<1	2.93	0.004	0.02	0.3	0.07	2.1	0.1	<.05	8	0.8	<1
0.2	0.4	0.6	23	0.01	0.071	17	30	0.67	19	0.017	4	2.22	0.004	0.02	0.2	0.07	1.6	0.1	<.05	8	0.6	<1
0.2	0.4	0.5	21	0.02	0.032	19	24	0.68	23	0.024	1	1.59	0.005	0.03	0.2	0.04	1.4	0.1	<.05	8	0.5	<1
0.2	0.3	0.5	15	0.02	0.022	16	16	0.41	32	0.048	1	1.73	0.01	0.03	0.1	0.04	1.2	0.1	0.06	9	0.5	<1
0.5	0.7	0.4	16	0.02	0.039	7	6	0.05	22	0.057	1	0.78	0.012	0.03	0.1	0.05	0.5	<.1	<.05	9	0.6	<1
0.1	0.5	0.4	23	0.01	0.043	10	22	0.34	22	0.046	1	2.18	0.007	0.02	0.2	0.06	1.7	0.1	<.05	9	0.7	<1
0.3	0.5	0.4	16	0.02	0.034	5	5	0.04	26	0.06	1	0.53	0.012	0.02	<.1	0.05	0.4	<.1	<.05	8	<.5	<1
0.3	0.6	0.4	29	0.02	0.044	10	18	0.23	24	0.063	1	3.01	0.01	0.02	0.2	0.11	1.9	0.1	<.05	11	0.8	<1
0.1	0.5	0.6	25	0.15	0.075	19	27	0.74	24	0.019	1	1.95	0.005	0.03	0.3	0.05	1.5	<.1	<.05	9	0.8	<1
0.7	0.4	0.5	19	0.27	0.114	25	23	0.56	60	0.034	2	2.35	0.012	0.05	0.1	0.1	1.5	0.1	0.09	7	1.3	<1
0.1	0.2	0.4	22	0.03	0.022	15	25	0.53	47	0.032	<1	1.94	0.007	0.02	0.3	0.05	1.4	0.1	<.05	9	0.5	<1
0.3	0.4	0.4	24	0.06	0.03	18	15	0.32	51	0.051	1	1.1	0.008	0.02	0.2	0.07	0.9	0.1	0.06	10	<.5	<1
0.3	0.4	0.5	19	0.05	0.053	17	29	0.73	52	0.027	1	1.95	0.006	0.03	0.3	0.07	1.4	0.1	<.05	7	0.6	<1
0.2	0.5	0.5	19	0.08	0.022	15	7	0.11	22	0.05	2	0.5	0.011	0.03	0.1	0.06	0.5	0.1	<.05	9	<.5	<1
0.7	0.4	0.5	20	0.22	0.1	26	17	0.37	39	0.047	2	2.43	0.013	0.05	0.1	0.12	1.5	0.1	0.11	9	1.6	<1
0.5	0.4	0.4	16	0.02	0.027	14	12	0.3	34	0.037	1	1.34	0.008	0.02	0.1	0.06	0.9	<.1	<.05	9	0.6	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.3	0.3	0.5	11	0.04	0.031	17	13	0.3	36	0.026	1	1.09	0.009	0.03	0.1	0.05	0.6	0.1	<.05	6	<.5	<1
0.2	0.4	0.5	19	0.02	0.042	19	27	0.61	29	0.018	1	1.4	0.005	0.02	0.2	0.06	1	<.1	<.05	7	<.5	<1
0.4	0.5	0.5	20	0.21	0.088	31	24	0.49	52	0.025	2	2.22	0.012	0.04	0.2	0.1	1.3	0.1	0.09	7	0.8	<1
0.4	0.9	0.5	16	0.03	0.022	9	8	0.12	38	0.076	1	0.74	0.014	0.02	0.1	0.05	0.6	0.1	<.05	9	0.5	<1
0.5	0.3	0.5	24	0.21	0.057	19	25	0.57	42	0.038	1	2.09	0.007	0.03	0.2	0.06	1.8	0.1	<.05	10	0.8	<1
0.4	0.2	0.3	14	0.13	0.034	13	16	0.42	35	0.033	<1	1.53	0.01	0.03	0.1	0.07	0.9	0.1	<.05	8	0.5	<1
0.3	0.2	0.3	17	0.03	0.035	19	12	0.22	28	0.018	1	1.46	0.005	0.03	0.1	0.07	1	0.1	<.05	7	0.8	<1
0.2	0.4	0.2	6	0.01	0.008	8	3	0.02	11	0.02	1	0.24	0.003	0.02	0.1	0.01	0.4	0.1	<.05	2	<.5	<1
<.1	0.2	0.1	3	<.01	0.003	11	2	0.01	6	0.016	<1	0.12	0.002	0.01	<.1	<.01	0.2	<.1	<.05	1	<.5	<1
0.6	0.4	0.1	4	0.01	0.014	4	2	0.01	16	0.01	<1	0.08	0.001	0.01	0.1	0.01	0.2	<.1	<.05	1	<.5	<1
0.2	0.7	0.3	3	0.01	0.024	6	3	0.04	11	0.006	1	0.17	0.001	0.02	0.1	0.01	0.2	<.1	<.05	1	0.5	<1
0.3	0.2	<.1	4	0.01	0.009	4	1	0.01	6	0.006	1	0.05	0.001	0.01	0.1	0.01	0.1	<.1	<.05	1	<.5	<1
0.2	0.7	0.7	9	0.01	0.015	4	3	0.01	10	0.024	1	0.22	0.002	0.01	0.5	0.02	0.2	<.1	<.05	3	<.5	<1
0.1	0.4	0.2	10	<.01	0.012	4	2	0.02	11	0.019	<1	0.36	0.002	0.01	0.3	0.02	0.3	<.1	<.05	3	<.5	<1
0.2	0.5	0.3	8	0.02	0.014	10	3	0.03	38	0.015	1	0.38	0.005	0.02	<.1	0.02	0.4	0.1	<.05	4	<.5	<1
0.4	1.8	0.5	32	0.03	0.034	6	7	0.1	44	0.088	2	1.14	0.008	0.04	0.4	0.09	1.1	0.2	<.05	8	0.7	<1
0.4	1.4	0.4	12	0.03	0.024	5	3	0.02	18	0.035	2	0.21	0.007	0.03	<.1	0.05	0.5	0.1	<.05	3	<.5	<1
0.3	1.2	0.4	33	0.02	0.051	6	9	0.14	31	0.097	1	2.06	0.009	0.04	0.3	0.09	1.9	0.1	<.05	9	0.8	<1
0.1	0.1	0.1	2	<.01	0.005	4	<1	<.01	5	0.002	1	0.06	0.001	0.01	<.1	0.01	0.1	<.1	<.05	<1	<.5	<1
0.1	0.5	0.1	12	0.01	0.017	4	3	0.05	19	0.039	1	1.36	0.004	0.01	0.2	0.04	1.4	<.1	<.05	3	<.5	<1
0.3	0.9	0.3	24	0.04	0.038	4	6	0.08	67	0.082	1	2.34	0.007	0.04	0.2	0.06	1.6	0.1	<.05	8	<.5	<1
0.1	0.4	0.3	24	0.03	0.115	5	10	0.21	28	0.081	<1	3.23	0.009	0.02	0.2	0.08	2.1	0.1	<.05	9	0.7	<1
0.4	0.8	0.2	26	0.02	0.066	3	10	0.07	18	0.09	<1	4.31	0.009	0.02	0.2	0.15	1.5	<.1	0.08	10	0.6	<1
0.2	0.2	0.3	26	0.01	0.03	5	5	0.05	16	0.101	1	2.25	0.012	0.02	0.1	0.08	1.4	0.1	<.05	11	0.5	<1
0.1	0.2	0.2	26	0.01	0.022	10	10	0.36	20	0.021	1	1.49	0.003	0.02	0.1	0.04	1	0.1	0.11	6	<.5	<1
0.1	0.3	0.4	11	0.01	0.013	8	4	0.08	20	0.087	<1	0.49	0.012	0.02	0.1	0.02	0.4	0.1	<.05	6	<.5	<1
0.2	0.3	0.3	9	0.02	0.023	10	5	0.13	30	0.037	<1	0.66	0.009	0.02	0.1	0.05	0.4	0.1	<.05	6	<.5	<1
<.1	0.2	0.3	17	0.01	0.02	8	6	0.07	11	0.037	<1	0.62	0.005	0.02	0.1	0.03	0.5	0.1	<.05	5	<.5	<1
<.1	0.4	0.3	25	0.01	0.042	10	12	0.25	17	0.034	1	1.32	0.003	0.03	0.2	0.03	1.1	0.1	<.05	6	<.5	<1
0.1	0.4	0.4	24	0.01	0.028	7	10	0.18	20	0.043	<1	1.53	0.007	0.02	0.2	0.04	1.2	0.1	<.05	7	<.5	<1
0.1	0.4	0.3	24	0.02	0.043	7	15	0.19	23	0.041	<1	1.85	0.005	0.02	0.2	0.07	1.4	0.1	<.05	6	<.5	<1
<.1	0.5	0.3	18	0.01	0.022	12	14	0.34	10	0.011	<1	0.91	0.002	0.02	0.1	0.02	0.7	0.1	<.05	5	<.5	<1
0.1	0.4	0.3	23	0.01	0.028	12	15	0.31	12	0.017	<1	1.32	0.003	0.02	0.1	0.03	1	<.1	<.05	6	<.5	<1
0.1	0.3	0.3	14	0.01	0.026	11	15	0.47	12	0.007	<1	1.13	0.002	0.02	0.1	0.02	0.9	<.1	<.05	4	<.5	<1
<.1	0.2	0.2	11	<.01	0.011	11	6	0.28	16	0.011	<1	0.61	0.002	0.02	0.1	0.01	0.5	0.1	<.05	3	<.5	<1
0.6	0.4	0.3	12	0.04	0.067	14	9	0.21	75	0.016	1	1.5	0.005	0.03	0.1	0.05	0.8	0.1	0.06	4	0.6	<1
0.2	0.6	0.5	31	0.01	0.032	11	35	0.64	13	0.017	<1	1.84	0.003	0.01	0.2	0.06	1.3	<.1	<.05	8	<.5	<1
0.1	0.6	0.4	16	0.02	0.044	10	14	0.24	13	0.009	1	0.9	0.003	0.02	0.1	0.09	0.7	0.1	0.06	6	<.5	<1
0.1	0.8	0.7	13	0.07	0.097	26	33	0.83	9	0.005	1	2.84	0.002	0.02	0.1	0.1	2.4	<.1	0.06	4	1.1	<1
0.9	1.3	0.8	23	0.03	0.059	14	30	0.64	16	0.02	1	1.66	0.005	0.02	0.2	0.07	1.1	<.1	0.08	8	0.8	<1
0.3	0.9	0.6	30	0.02	0.048	13	27	0.46	14	0.027	1	1.35	0.006	0.02	0.2	0.08	1	<.1	<.05	9	0.6	<1
0.2	0.6	0.7	44	0.01	0.099	13	29	0.52	19	0.034	<1	1.4	0.005	0.02	0.2	0.07	1.1	<.1	<.05	9	0.5	<1
0.3	0.5	0.5	22	0.03	0.076	13	27	0.65	29	0.02	1	2.15	0.006	0.02	0.2	0.08	1.4	0.1	<.05	7	0.5	<1
0.1	0.3	0.2	5	0.01	0.012	14	3	0.04	12	0.019	<1	0.31	0.012	0.02	<.1	0.01	0.2	0.1	<.05	5	<.5	<1
0.1	0.3	0.5	27	0.01	0.079	9	15	0.16	26	0.065	1	1.54	0.012	0.01	0.1	0.05	1.2	0.1	<.05	9	<.5	<1
0.1	0.6	0.5	40	0.01	0.045	12	23	0.54	17	0.042	1	1.31	0.004	0.02	0.2	0.02	1.2	<.1	<.05	11	<.5	<1
0.2	0.8	0.4	18	0.02	0.034	14	17	0.44	18	0.018	1	1.19	0.006	0.02	0.2	0.03	0.9	0.1	<.05	7	<.5	<1
0.1	0.4	0.4	23	0.01	0.055	18	28	0.67	26	0.023	<1	2.39	0.005	0.03	0.2	0.07	1.8	0.1	<.05	7	<.5	<1
0.1	0.5	0.3	26	0.03	0.057	16	28	0.62	42	0.026	1	2.32	0.007	0.03	0.2	0.07	1.7	0.1	<.05	8	<.5	<1
0.2	0.6	0.4	24	0.03	0.068	10	27	0.58	34	0.033	1	2.6	0.006	0.03	0.2	0.06	1.7	0.1	<.05	8	<.5	<1
<.1	0.3	0.4	24	0.01	0.04	19	22	0.54	30	0.027	<1	1.67	0.005	0.03	0.2	0.02	1.2	0.1	<.05	8	<.5	<1
0.1	0.4	0.4	22	0.03	0.067	12	21	0.51	58	0.047	1	2.59	0.006	0.04	0.2	0.05	2	0.1	<.05	7	<.5	<1
0.3	0.6	0.4	28	0.07	0.135	5	10	0.13	90	0.142	1	2.97	0.014	0.03	0.3	0.08	1.4	0.1	<.05	12	<.5	<1
0.4	0.3	0.4	25	0.1	0.081	8	20	0.39	77	0.074	1	2.8	0.009	0.03	0.2	0.1	1.5	<.1	<.05	11	<.5	<1
0.6	0.5	0.4	12	0.17	0.054	15	14	0.44	54	0.018	1	1.37	0.008	0.04	0.1	0.05	0.6	0.1	<.05	6	<.5	<1
0.6	0.9	0.5	16	0.05	0.056	13	14	0.34	78	0.027	1	1.35	0.007	0.03	0.1	0.11	0.8	0.1	<.05	7	0.7	<1
0.7	0.2	0.3	7	0.29	0.136	19	12	0.36	98	0.007	2	1.74	0.008	0.03	0.1	0.1	0.3	0.1	0.07	4	1.4	<1
0.6	0.4	0.3	11	0.1	0.072	12	12	0.29	127	0.006	1	1.04	0.008	0.03	0.1	0.12	0.2	0.1	<.05	5	0.7	<1
0.5	0.5	0.3	16	0.05	0.098	10	19	0.4	57	0.031	1	1.8	0.007	0.02	0.2	0.1	1.1	0.1	<.05	7	0.5	<1
0.1	0.4	0.4	15	0.01	0.041	16	28	0.82	26	0.008	<1	1.84	0.003	0.01	0.1	0.04	1.4	<.1	<.05	6	<.5	<1
0.3	0.7	0.2	16	0.03	0.126	4	20	0.29	37	0.068	1	4.34	0.009	0.02	0.2	0.15	2.5	<.1	<.05	7	0.7	<1
0.1	0.3	0.4	19	0.02	0.05	17	23	0.6	36	0.012	1	1.72	0.005	0.03	0.1	0.03	1.4	0.1	<.05	7	<.5	<1
0.2	0.2	0.4	23	0.03	0.059	14	26	0.55	58	0.027	1	2.71	0.006	0.04	0.1	0.06	1.9	0.1	<.05	9	<.5	<1
0.2	0.6	0.3	14	0.02	0.037	14	13	0.39	43	0.019	1	1.62	0.005	0.05	0.1	0.04	1.2	0.1	<.05	5	<.5	<1
0.2	0.5	0.3	14	0.02	0.024	10	13	0.42	65	0.04	1	1.58	0.004	0.11	0.1	0.03	1.2	0.2	<.05	4	<.5	<1
0.1	0.3	0.2	18	0.03	0.024	7	13	0.41	60	0.028	1	1.89	0.004	0.09	0.1	0.03	1.2	0.1	<.05	5	<.5	<1
0.2	0.6	0.2	18	0.02	0.054	7	13	0.34	43	0.043	1	2.38	0.005	0.06	0.2	0.05	1.3	0.1	<.05	6	<.5	<1
0.1	0.3	0.3	14	0.02	0.039	9	11	0.36	37	0.043	1	1.76	0.005	0.07	0.1	0.03	1.3	0.1	<.05	5	<.5	<1
0.1	0.6	0.3	18	0.01	0.027	10	13	0.28	33	0.031	1	1.57	0.004	0.06	0.1	0.04	1	0.1	<.05	5	<.5	<1
0.1	0.4	0.3	21	0.01	0.021	10	9	0.15	27	0.036	1	1.16	0.004	0.05	0.1	0.03	0.8	0.1	<.05	6	0.5	<1
0.1	1.1	0.3	12	0.01	0.027	16	11	0.29	28	0.014	<1	1.15	0.002	0.05	0.2	0.03	1.4	0.1	<.05	4	<.5	<1
0.1	0.9	0.3	11	0.03	0.035	15	10	0.32	43	0.018	<1	1.33	0.004	0.05	0.2	0.04	1.2	0.1	<.05	3	<.5	<1
0.1	0.5	0.2	12	0.02	0.019	13	10	0.24	39	0.017	<1	1.07	0.003	0.08	0.1	0.02	1.1	0.1	<.05	4	<.5	<1
0.1	0.7	0.3	16	0.02	0.024	10	8	0.12	51	0.012	<1	1.16	0.004	0.05	0.2	0.03	1.1	0.1	<.05	5	<.5	<1
0.1	1.1	0.3	19	0.03	0.039	7	12	0.11	39	0.041	1	2.97	0.007	0.04	0.2	0.09	1.7	0.1	<.05	6	<.5	<1

Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
0.1	1.1	0.3	21	0.01	0.036	10	13	0.18	34	0.03	1	2.39	0.006	0.04	0.2	0.07	1.7	0.1	<.05	7	0.5	<1
0.1	0.5	0.3	18	0.02	0.026	13	12	0.24	47	0.021	1	1.63	0.005	0.05	0.2	0.05	1.5	0.1	<.05	5	<.5	<1
0.1	0.9	0.3	23	0.02	0.018	12	11	0.18	38	0.027	1	1.47	0.005	0.05	0.3	0.03	1.2	0.1	<.05	6	<.5	<1
0.1	0.5	0.3	21	0.02	0.03	11	10	0.15	65	0.02	<1	1.35	0.005	0.05	0.2	0.03	1.1	0.1	<.05	6	<.5	<1
0.1	0.9	0.3	22	0.02	0.031	12	16	0.33	36	0.028	1	1.84	0.005	0.04	0.2	0.05	1.5	0.1	<.05	6	<.5	<1
0.1	0.5	0.3	10	0.01	0.032	17	16	0.46	28	0.009	<1	1.49	0.004	0.04	0.1	0.03	1.4	0.1	<.05	4	<.5	<1
0.1	0.4	0.3	12	0.01	0.034	19	16	0.51	35	0.012	1	1.99	0.004	0.03	0.1	0.04	1.7	0.1	<.05	4	<.5	<1
0.2	0.6	0.5	18	0.02	0.05	19	21	0.41	23	0.016	<1	1.5	0.005	0.03	0.2	0.06	1.2	0.1	<.05	6	<.5	<1
0.2	1.7	0.5	25	0.02	0.074	15	23	0.41	23	0.035	1	2.04	0.006	0.03	0.3	0.09	1.7	0.1	<.05	9	<.5	<1
0.2	0.7	0.5	45	0.02	0.058	12	23	0.31	28	0.081	1	2.13	0.009	0.03	0.2	0.06	1.7	0.1	<.05	14	0.5	<1
0.3	1	0.4	25	0.02	0.078	25	34	0.89	29	0.019	1	2.84	0.006	0.03	0.3	0.07	2.2	0.1	<.05	8	0.6	<1
0.2	0.8	0.4	26	0.01	0.051	15	28	0.62	28	0.038	1	2.9	0.005	0.02	0.2	0.07	1.8	0.1	<.05	9	<.5	<1
0.1	0.5	0.3	23	0.02	0.096	4	12	0.15	20	0.092	1	3.28	0.012	0.02	0.2	0.08	1.6	<.1	<.05	10	<.5	<1
0.8	1.3	0.5	24	0.01	0.089	16	23	0.47	13	0.026	1	1.58	0.004	0.02	0.3	0.07	1.2	0.1	<.05	7	0.5	<1
1	2	1.4	19	0.09	0.099	29	31	0.86	35	0.019	<1	2.09	0.005	0.02	0.1	0.09	1.4	<.1	<.05	7	<.5	<1
0.3	1	0.6	18	0.09	0.051	16	27	0.66	29	0.016	1	1.63	0.008	0.03	0.1	0.04	1.1	<.1	<.05	6	<.5	<1
0.4	0.8	0.6	21	0.07	0.026	15	21	0.43	24	0.032	1	1.8	0.009	0.03	0.2	0.05	1.4	0.1	<.05	7	0.6	<1
0.5	1.1	0.6	24	0.15	0.05	19	20	0.46	47	0.036	1	1.43	0.007	0.04	0.3	0.06	1.2	0.1	<.05	8	<.5	<1
0.3	0.8	0.5	24	0.03	0.043	14	19	0.32	32	0.05	1	1.64	0.009	0.03	0.4	0.05	1.3	0.1	<.05	8	0.5	<1
0.2	0.7	0.6	25	0.03	0.029	17	20	0.47	31	0.032	1	1.49	0.006	0.03	0.3	0.05	1.2	0.1	<.05	8	<.5	<1
0.5	0.3	0.8	18	0.27	0.041	19	13	0.42	69	0.028	1	1.9	0.011	0.03	0.2	0.07	1.5	0.1	<.05	6	1.2	<1
0.3	0.3	0.4	17	0.06	0.014	16	8	0.31	57	0.014	1	0.76	0.003	0.03	0.4	0.01	0.9	0.1	<.05	4	<.5	<1
0.2	0.8	0.4	24	0.02	0.019	17	7	0.3	34	0.018	1	0.74	0.004	0.03	0.2	0.02	1	0.1	<.05	5	<.5	<1
0.5	1	0.4	23	0.02	0.018	9	7	0.05	37	0.03	1	0.7	0.009	0.03	0.2	0.04	0.9	0.1	<.05	5	<.5	<1
0.3	0.3	0.2	16	0.02	0.009	10	4	0.02	30	0.027	1	0.3	0.007	0.02	0.2	0.01	0.6	0.1	<.05	4	<.5	<1
0.1	0.3	0.4	20	0.01	0.015	12	7	0.19	30	0.05	1	0.64	0.01	0.04	0.5	0.02	0.8	0.1	<.05	6	<.5	<1
0.1	0.6	0.7	30	0.01	0.029	14	11	0.18	24	0.049	1	0.8	0.004	0.03	1.2	0.04	0.9	0.1	<.05	7	<.5	<1
0.5	0.6	0.5	34	0.03	0.038	11	8	0.1	54	0.064	1	1.09	0.008	0.03	0.4	0.08	0.9	0.1	<.05	10	<.5	<1
0.1	0.3	0.3	26	0.02	0.026	12	8	0.08	37	0.043	1	0.93	0.007	0.02	0.4	0.06	0.9	0.1	<.05	7	<.5	<1
1.3	0.8	0.5	30	0.07	0.061	9	12	0.16	74	0.086	2	2.14	0.009	0.03	0.6	0.16	1.4	0.1	0.07	12	0.5	<1
0.2	0.4	0.7	14	0.07	0.04	15	10	0.46	30	0.023	1	0.82	0.003	0.04	2.1	0.01	1.3	0.1	<.05	2	<.5	<1
0.1	0.4	0.3	13	0.01	0.026	18	19	0.48	20	0.005	<1	1.11	0.003	0.02	0.1	0.05	0.8	0.1	<.05	5	<.5	<1
0.2	0.4	0.5	17	0.01	0.101	11	30	0.6	30	0.011	<1	2.18	0.004	0.02	0.1	0.08	1.3	<.1	<.05	6	<.5	<1
0.2	0.4	0.4	16	0.02	0.083	15	14	0.42	41	0.012	<1	1.64	0.005	0.06	0.1	0.05	1.3	0.1	<.05	5	<.5	<1
0.2	0.7	0.5	21	0.02	0.119	8	15	0.21	65	0.034	1	3.03	0.009	0.04	0.2	0.13	1.6	0.1	<.05	7	<.5	<1
0.3	0.4	0.6	26	0.02	0.104	7	12	0.12	60	0.052	<1	3.06	0.014	0.04	0.2	0.11	1.7	0.1	<.05	10	<.5	<1
0.2	0.4	0.4	33	0.03	0.073	4	8	0.07	33	0.103	1	2.24	0.015	0.03	0.1	0.06	1.5	0.1	<.05	11	<.5	<1
0.4	0.5	0.5	27	0.02	0.053	9	12	0.15	58	0.061	1	1.8	0.009	0.04	0.2	0.06	1.2	0.1	<.05	10	<.5	<1
0.2	0.3	0.3	17	0.01	0.051	10	8	0.23	37	0.01	1	1	0.005	0.04	0.1	0.03	0.8	0.1	<.05	6	<.5	<1
0.3	0.5	0.5	22	0.05	0.174	6	13	0.25	87	0.042	1	2.4	0.011	0.05	0.2	0.12	1.6	0.1	<.05	7	<.5	<1
0.2	0.3	0.5	14	0.02	0.064	13	9	0.26	49	0.015	1	1.73	0.006	0.05	0.2	0.06	1.4	0.1	<.05	5	<.5	<1
0.2	0.1	0.3	15	0.03	0.134	10	11	0.34	98	0.039	1	2.66	0.012	0.05	0.2	0.04	1.9	0.1	<.05	7	<.5	<1
0.2	0.2	0.6	18	0.04	0.272	8	11	0.3	89	0.064	1	2.88	0.013	0.06	0.2	0.04	1.6	0.1	<.05	7	<.5	<1
0.2	0.2	0.3	19	0.03	0.095	14	12	0.37	79	0.035	<1	1.4	0.006	0.09	0.2	0.02	1.3	0.1	<.05	7	<.5	<1
0.2	0.5	0.4	26	0.05	0.348	5	12	0.22	79	0.075	1	3.14	0.011	0.06	0.3	0.06	1.5	0.1	<.05	8	<.5	<1
0.2	0.3	0.3	14	0.06	0.098	13	5	0.12	66	0.022	<1	0.82	0.007	0.07	0.1	0.03	0.8	0.1	<.05	5	<.5	<1
0.2	0.4	0.3	25	0.03	0.11	5	10	0.17	81	0.071	<1	2.96	0.011	0.04	0.3	0.09	1.6	0.1	<.05	8	<.5	<1
0.1	0.2	0.4	19	0.02	0.052	12	11	0.39	48	0.024	1	1.35	0.005	0.07	0.3	0.02	1	0.1	<.05	6	<.5	<1
0.5	0.3	0.4	16	0.04	0.199	7	8	0.17	76	0.034	<1	1.03	0.01	0.07	0.1	0.03	0.9	0.1	0.06	6	<.5	<1
0.1	0.2	0.5	22	0.01	0.046	12	14	0.41	42	0.029	<1	1.21	0.005	0.06	0.2	0.02	1.2	0.1	<.05	7	<.5	<1
0.2	0.2	0.3	16	0.03	0.045	14	16	0.41	68	0.023	<1	1.89	0.007	0.06	0.2	0.03	1.8	0.1	<.05	5	<.5	<1
0.2	0.4	0.5	26	0.08	0.092	9	15	0.27	138	0.042	<1	1.98	0.011	0.08	0.3	0.03	1.5	0.1	<.05	8	<.5	<1
0.5	0.6	0.7	23	0.06	0.097	8	12	0.31	130	0.055	1	2.63	0.011	0.07	0.4	0.05	1.8	0.1	<.05	7	<.5	<1
0.2	0.5	0.7	27	0.03	0.112	9	16	0.31	93	0.025	<1	2.09	0.007	0.06	0.5	0.03	1.4	0.1	<.05	7	<.5	<1
0.2	0.3	0.8	22	0.03	0.127	14	16	0.54	85	0.017	1	1.66	0.005	0.05	0.6	0.02	1	0.1	<.05	6	<.5	<1
0.3	0.3	0.9	19	0.05	0.264	12	14	0.36	116	0.022	1	1.99	0.006	0.06	0.7	0.03	1.3	0.1	<.05	6	<.5	<1
0.7	0.3	1.2	19	0.09	0.062	11	10	0.21	157	0.032	1	0.96	0.007	0.07	0.3	0.02	1	0.1	<.05	5	<.5	<1
1.7	0.3	5.7	19	0.2	0.124	8	11	0.34	217	0.076	1	1.78	0.018	0.12	0.3	0.04	1.3	0.2	<.05	6	<.5	<1
0.3	0.3	1.2	21	0.09	0.167	10	14	0.39	147	0.077	1	2.53	0.013	0.1	0.7	0.04	1.6	0.1	0.06	8	<.5	<1
0.5	0.3	0.4	22	0.12	0.252	6	7	0.13	151	0.142	2	3.53	0.025	0.06	0.2	0.05	1.9	0.2	<.05	8	<.5	<1
0.2	0.3	0.4	12	0.07	0.032	11	11	0.45	137	0.092	2	1.43	0.007	0.2	0.5	0.02	1	0.2	<.05	5	<.5	<1
0.4	0.3	0.6	16	0.12	0.056	10	11	0.37	162	0.083	1	1.96	0.011	0.14	0.8	0.03	1.3	0.1	<.05	6	<.5	<1
0.5	0.2	0.7	15	0.17	0.104	10	13	0.49	176	0.085	1	1.62	0.011	0.21	0.6	0.02	1.3	0.2	<.05	6	<.5	<1
1.9	0.2	0.9	15	0.1	0.281	9	11	0.24	222	0.08	2	1.91	0.015	0.1	1.2	0.03	1.4	0.2	<.05	7	<.5	<1
0.3	0.1	1.9	15	0.1	0.1	14	18	0.55	133	0.052	1	1.88	0.008	0.14	2.2	0.02	1.5	0.2	<.05	5	<.5	<1
0.3	0.1	2.3	14	0.09	0.067	14	15	0.49	165	0.055	1	1.59	0.008	0.19	1.1	0.02	1.3	0.2	<.05	5	<.5	<1
0.4	0.2	0.6	16	0.16	0.177	8	10	0.22	216	0.093	1	2.19	0.022	0.09	0.7	0.04	1.7	0.2	<.05	7	<.5	<1
0.2	0.3	0.7	17	0.08	0.13	9	13	0.34	173	0.084	1	2	0.012	0.09	0.8	0.03	1.2	0.1	<.05	7	<.5	<1
0.2	0.1	0.7	13	0.06	0.042	11	16	0.44	113	0.041	1	1.4	0.007	0.09	0.5	0.02	1.2	0.1	<.05	5	<.5	<1
0.2	0.1	0.8	12	0.12	0.058	13	12	0.36	160	0.042	1	1.23	0.006	0.1	0.6	0.02	1.2	0.1	<.05	4	<.5	<1

Sn	Zr
<1	20.8
<1	0.6
<1	3.1
<1	1.1
<1	23.7
<1	12.7
1.0	53.4
<1	6.1
<1	16.9
<1	4.3
<1	14.4
<1	0.6
<1	12.3
1.0	8.5
<1	0.7
1.0	15.2
1.0	16.9
1.0	14.8
1.0	2.1
<1	0.3
1.0	11.3
1.0	11.1
1.0	4.7
1.0	7.0
<1	5.0
1.0	10.8
1.0	0.5
<1	3.7
1.0	4.1
1.0	5.2
<1	3.2
<1	1.5
<1	1.1
1.0	13.7
1.0	2.4
1.0	12.3
1.0	6.7
<1	2.4
<1	1.9
<1	1.2
<1	4.1
<1	0.4
1.0	9.6
1.0	5.4
1.0	3.1
<1	2.1

<1	0.9
<1	0.2
<1	0.3
<1	9.4
<1	5.8
<1	3.4
<1	10.1
<1	4.3
<1	2.8
<1	1.5
<1	1.5
<1	4.0
<1	0.6
<1	1.0
<1	1.6
<1	1.0
<1	1.9
<1	1.5
<1	0.3
<1	0.8
<1	1.4
<1	0.6
<1	2.8
<1	4.7
<1	0.7
<1	2.1

1.0	14.8
1.0	2.8
1.0	24.7
1.0	25.4
1.0	3.5
1.0	13.1
1.0	5.8
1.0	3.9
1.0	3.6
<1	1.0

Sn	Zr
1.0	14.9
1.0	4.6
1.0	18.6
<1	2.3
<1	1.6
<1	3.1
<1	13.7
<1	0.4
<1	0.4
<1	1.8
<1	1.3
<1	9.0
<1	0.6
<1	3.8
<1	3.5
<1	4.4
<1	6.4
<1	1.7
<1	9.1
<1	6.3
<1	8.0
<1	6.0
<1	1.1
<1	2.5
<1	1.1
<1	3.7
<1	12.1
<1	8.5
<1	6.1
<1	0.5
1.0	13.7
1.0	11.1
1.0	2.6
1.0	3.9
1.0	1.3
1.0	6.9
1.0	24.2
<1	1.0
1.0	7.3
1.0	2.6
1.0	2.5
1.0	7.1
<1	1.2
1.0	6.0
<1	5.1
<1	1.6
1.0	7.3
1.0	3.3
<1	1.1
<1	7.3
1.0	2.9
<1	1.7
<1	4.4
<1	1.0
<1	0.1
<1	0.9
1.0	8.5
1.0	22.2
<1	0.2
1.0	2.0
<1	5.0
<1	0.7
<1	1.4
1.0	7.5
1.0	5.6
1.0	1.9
1.0	2.0
<1	7.1
<1	0.5
<1	0.3
<1	0.4
<1	1.4
<1	0.6
<1	0.5
<1	1.6
1.0	7.1
1.0	18.9
<1	3.5
<1	9.4
<1	4.7
<1	3.3
1.0	6.4
1.0	6.8

Sn	Zr								
1.0	6.8								
1.0	3.3								
<1	0.4								
1.0	3.1								
1.0	5.1								
<1	3.2								
<1	16.7								
<1	1.3								
1.0	18.3								
<1	5.2								
1.0	41.4								
1.0	13.2								
1.0	18.3								
1.0	40.3								
1.0	8.3								
<1	3.1								
<1	7.9								
1.0	23.4								
1.0	20.7								
1.0	8.0								
<1	0.6								
1.0	0.7								
<1	0.5								
2.0	21.5	77.0	13.0	96.7	0.8	4.1	2	89	0.4
2.2	19.7	64.3	18.8	111.7	0.9	3.5	3	93	0.3
2.0	18.9	58.2	6.9	107.8	0.8	3.9	3	82	0.4
2.0	22.2	48.8	8.6	108.6	0.9	4.9	3	90	0.4
2.0	39.4	60.1	9.7	108.6	1.5	4.4	3	89	0.4
1.8	24.2	57.7	10.1	95.1	0.9	2.6	3	123	0.2
2.1	25.8	51.9	10.7	101	1.0	5.3	2	95	0.4
1.9	32.0	48.5	9.0	100.8	1.1	5.9	3	93	0.4
2.5	24.7	44.1	12.4	129.2	0.9	7.7	2	93	0.6
1.6	17.9	44.1	10.7	79.2	0.7	4.5	2	103	0.4
2.1	26.7	57.0	9.6	115.5	0.9	6.3	3	91	0.4
2.5	28.6	48.4	10.7	120.5	1.0	6.7	2	103	0.5
2.3	29.6	55.2	9.3	114.8	1.1	5.8	2	84	0.4
1.8	18.2	39.0	8.6	91.7	0.7	5.4	2	89	0.4
1.6	23.1	53.3	8.3	95	0.9	3.2	2	94	0.2
1.2	30.7	38.8	10.6	63	0.7	3.5	2	120	0.3
1.8	34.0	56.5	13.2	102.8	1.3	4.3	2	108	0.3
2.3	25.6	62.8	18.1	101.8	1.2	6.8	2	113	0.5
1.9	15.3	41.4	9.0	97.9	0.5	5.6	2	83	0.4
1.9	13.4	41.8	7.8	94.9	0.5	5.0	2	76	0.4
2.3	16.3	44.8	12.0	109.6	0.6	6.2	2	81	0.4
1.8	19.5	52.5	11.7	105	0.7	3.9	2	113	0.3
1.6	14.1	39.9	12.5	87.7	0.6	6.6	3	98	0.5
9.7	12.6	69.1	19.9	327.7	0.5	10.9	5	89	0.6
1.4	8.9	23.6	7.1	84.6	0.3	5.5	2	70	0.4
1.6	8.2	28.5	7.1	98	0.3	4.8	2	64	0.3
1.3	5.9	22.6	8.5	130.9	0.2	4.7	1	60	0.3
2.3	7.7	41.7	9.9	113.6	0.3	6.4	2	77	0.5
2.1	7.1	34.8	10.2	105.1	0.3	5.6	1	70	0.5
1.8	16.1	50.4	10.6	93.9	0.6	5.4	2	76	0.4
1.8	8.6	23.7	9.3	88.8	0.4	5.1	2	64	0.4
1.6	14.7	48.3	10.7	80.8	0.6	7.5	2	104	0.5
1.6	16.5	39.7	10.7	83.1	0.6	4.8	2	103	0.4
2.0	11.1	46.2	17.0	87.3	0.4	16.4	3	100	1.4
2.1	15.0	37.0	11.3	103.3	0.6	7.5	2	89	0.6
2.0	15.5	35.1	15.3	100.3	0.5	9.5	2	90	0.7
2.8	17.0	65.4	25.8	148.3	0.7	9.6	4	106	0.7
1.8	10.5	30.8	10.9	103	0.4	8.0	2	67	0.6
1.8	13.0	56.7	20.1	106.3	0.5	13.8	4	91	1.1
1.6	16.5	45.3	9.2	72.1	0.7	5.3	2	83	0.4
2.1	10.8	38.6	16.6	104	0.4	9.4	2	100	0.7
2.0	111.1	50.4	13.0	64.90	3.7	6.0	2	76	0.5
1.9	83.2	53.5	10.2	78.00	2.9	4.6	2	91	0.4
2.0	103.1	50.7	14.1	74.80	3.5	5.8	2	78	0.5
1.8	31.1	59.8	16.8	104.20	1.2	2.9	2	110	0.2
1.5	22.5	55.1	5.7	82.30	0.9	3.3	2	132	0.3
1.7	32.5	64.7	5.9	90.20	1.3	3.7	2	112	0.4
1.6	29.8	56.1	6.7	87.50	1.2	3.5	2	149	0.3
1.8	92.6	58.9	14.4	75.30	3.1	5.6	2	99	0.5
1.4	25.1	55.9	5.9	82.40	1.0	2.9	2	137	0.3
1.9	29.6	60.3	6.0	100.20	1.1	4.9	2	127	0.4
1.6	32.9	52.7	8.3	84.50	1.3	3.8	2	130	0.3
2.0	36.7	83.6	11.1	107.60	1.5	4.8	3	104	0.4
1.6	24.1	56.2	7.4	84.60	1.0	3.4	2	161	0.4
1.8	40.4	50.2	7.5	93.70	1.6	5.4	2	141	0.5
1.6	47.6	55.9	7.8	81.80	1.8	3.9	2	112	0.4
2.3	25.3	97.3	4.0	116.40	1.1	4.7	3	82	0.3
1.7	33.6	62.7	10.6	87.20	1.3	3.2	2	107	0.2
1.9	33.9	59.8	11.0	93.30	1.3	3.7	2	154	0.3
2.1	80.9	47.9	11.2	69.60	2.9	6.9	1	78	0.6
1.6	26.0	53.4	7.4	80.00	1.0	3.2	2	118	0.3

Sn	Zr								
1.5	27.5	56.2	6.9	89.70	1.1	3.4	2	129	0.3
1.6	27.8	62.8	7.0	90.90	1.1	3.7	2	138	0.3
1.9	39.9	64.8	9.7	97.20	1.6	4.6	2	138	0.4
1.8	38.7	62.8	6.9	94.70	1.5	4.2	2	107	0.3
1.8	41.7	58.9	7.7	90.40	1.7	3.6	2	127	0.3
1.9	36.3	62.2	7.0	92.50	1.3	4.0	2	94	0.3
1.5	28.6	59.1	8.9	86.80	1.1	2.9	2	131	0.3
1.6	68.8	55.2	18.0	73.30	2.5	5.8	2	88	0.5
1.6	52.3	41.0	8.6	73.90	2.0	5.4	2	93	0.5
2.0	17.1	60.1	9.3	143.90	0.7	5.6	2	144	0.4
2.1	24.4	59.9	7.4	139.80	1.0	6.1	2	120	0.4
2.4	52.0	40.8	7.6	125.90	1.8	9.7	2	103	0.8
1.0	54.4	26.9	13.2	41.80	2.0	11.9	1	125	0.9
2.2	53.0	47.0	8.0	104.10	2.0	7.4	2	100	0.6
1.9	21.8	52.1	6.7	112.60	0.8	6.1	3	121	0.4
2.1	12.8	40.3	6.3	175.50	0.4	6.3	3	150	0.4
2.2	14.9	47.6	4.7	161.00	0.5	10.5	3	93	0.7
1.7	14.7	52.1	8.2	102.50	0.6	5.7	2	123	0.5
2.0	20.8	63.4	6.6	127.40	0.7	5.9	2	104	0.4
1.5	24.0	52.7	12.3	89.40	0.9	6.4	3	133	0.5
2.1	66.4	39.5	16.8	119.10	2.5	8.2	3	141	0.6
1.8	22.6	60.5	6.6	127.60	0.9	6.8	3	123	0.5
1.6	18.3	50.0	22.7	103.30	0.6	6.6	2	128	0.5
1.3	12.5	40.4	8.4	92.70	0.5	5.0	2	131	0.4
1.6	25.1	48.8	7.5	96.60	1.0	5.9	2	128	0.5
2.1	16.4	61.5	7.6	130.30	0.6	5.9	3	122	0.4
1.8	33.7	44.5	6.8	108.90	1.3	7.1	3	99	0.5
1.7	90.0	43.8	11.2	82.50	2.9	8.4	2	97	0.7
1.3	37.8	29.7	25.6	86.00	1.4	4.7	2	156	0.3
3.0	50.4	34.6	6.2	157.90	1.9	11.9	3	68	0.7
2.1	97.2	33.4	12.5	94.90	3.4	8.4	2	57	0.6
2.2	139.3	30.9	14.5	64.30	4.7	7.5	2	41	0.6
1.8	102.6	30.2	13.0	54.00	3.5	7.4	1	92	0.6
2.2	53.8	27.3	7.4	84.90	1.9	8.7	2	87	0.7
2.1	101.3	32.1	10.8	72.60	3.6	8.5	1	78	0.8
1.7	42.6	35.1	6.3	104.10	1.7	7.6	1	92	0.6
1.5	42.5	40.7	7.6	92.10	1.7	8.1	1	106	0.7
0.8	17.1	20.5	7.1	51.80	0.7	5.2	1	119	0.5
1.6	119.1	30.8	16.5	59.60	4.4	6.5	2	60	0.6
1.1	20.0	24.0	8.0	59.90	0.9	4.9	1	118	0.5
1.8	39.8	39.2	6.3	110.40	1.6	7.5	2	96	0.7
1.7	23.3	58.9	7.5	113.10	0.9	4.4	2	112	0.4
2.5	98.6	47.4	11.8	91.80	3.5	9.4	1	77	0.8
1.4	30.0	52.6	7.4	92.40	1.2	4.1	2	105	0.3
2.0	49.5	67.8	8.4	108.10	1.9	7.0	2	98	0.6
1.9	100.8	31.9	9.5	68.70	3.6	7.5	1	72	0.6
1.9	83.3	65.6	9.2	96.10	3.2	5.4	2	93	0.4
1.3	15.8	32.3	7.6	88.00	0.7	4.6	2	114	0.4
1.8	204.0	36.6	17.1	45.10	6.8	6.3	2	59	0.5
1.6	30.7	88.9	6.4	98.90	1.2	5.3	1	118	0.5
1.7	38.3	57.1	6.5	100.50	1.7	4.6	1	111	0.4
1.6	30.3	76.7	6.2	102.70	1.2	3.0	2	125	0.3
1.8	36.5	82.2	5.4	116.00	1.4	2.8	3	100	0.2
2.2	36.7	103.7	6.5	108.90	1.6	2.9	3	95	0.2
1.9	50.9	66.6	6.8	100.10	2.0	3.0	2	135	0.2
2.1	41.7	68.8	5.9	104.30	1.7	3.7	2	125	0.3
1.4	23.3	56.5	8.7	81.50	0.9	4.4	2	117	0.4
1.5	27.6	72.6	6.8	92.90	1.0	3.8	2	113	0.3
1.4	25.0	61.4	6.7	87.20	0.9	2.7	2	164	0.2
1.2	24.4	56.1	6.2	78.00	1.1	2.3	2	144	0.2
1.5	23.8	64.4	5.9	83.90	0.9	1.8	2	156	0.1
1.8	32.2	74.2	6.8	96.20	1.4	3.0	2	146	0.2
1.5	37.4	63.2	6.6	76.00	1.6	2.6	2	166	0.2
2.2	40.5	101.5	3.5	89.20	1.6	2.2	3	54	0.2
1.5	22.6	67.7	5.6	87.60	0.9	5.0	1	132	0.4
1.6	26.6	65.7	6.9	90.40	1.0	4.7	2	187	0.4
1.9	28.9	86.8	4.9	104.60	1.2	4.0	2	136	0.3
2.5	38.6	82.5	4.8	100.30	1.4	5.6	2	81	0.4
2.3	43.7	76.3	6.5	98.30	1.6	5.6	2	100	0.4
1.9	26.9	64.9	5.7	82.70	1.0	4.4	1	138	0.3
1.7	27.0	62.9	5.7	77.10	1.0	4.4	2	155	0.4
2.3	162.7	57.4	13.4	57.30	5.4	7.0	2	58	0.6
2.8	32.3	110.7	2.6	103.90	1.2	5.5	3	46	0.4
2.9	33.1	113.7	2.4	103.90	1.3	6.3	4	38	0.4
2.3	29.1	76.9	4.8	97.50	1.1	5.3	3	131	0.4
2.0	26.0	79.2	4.3	85.00	1.0	4.7	2	112	0.3
2.0	33.8	63.3	5.7	88.80	1.3	5.8	2	139	0.4
2.2	34.1	89.5	4.9	99.30	1.4	6.0	2	128	0.4
2.2	34.3	98.7	4.8	103.10	1.3	5.8	2	119	0.4
1.9	26.0	71.5	6.0	87.10	1.0	5.4	2	114	0.4
2.1	23.3	66.2	6.3	110.10	0.9	4.2	3	111	0.3
1.9	24.5	65.1	5.9	95.60	0.9	3.2	2	110	0.2
1.7	25.0	57.5	5.2	87.00	0.9	2.8	2	124	0.2
2.1	34.1	67.3	5.4	106.60	1.2	3.8	2	97	0.3
2.5	41.8	74.2	4.8	123.00	1.6	1.8	3	88	0.2
1.7	23.9	58.5	5.4	85.10	0.9	5.4	2	149	0.5

Sn	Zr								
2.4	33.6	98.9	5.1	108.90	1.4	8.1	3	110	0.6
2.0	44.1	72.6	6.6	88.90	1.6	6.0	2	109	0.5
1.8	24.6	63.3	5.4	76.90	1.0	6.6	2	133	0.6
1.8	23.9	64.1	5.5	90.60	1.0	4.4	2	112	0.4
1.6	23.3	60.7	5.2	85.00	0.9	4.7	2	125	0.4
2.0	27.3	76.9	5.9	107.50	1.0	5.0	2	107	0.4
2.5	52.3	68.3	6.1	103.70	1.9	5.8	3	88	0.4
2.1	49.5	63.3	6.1	88.80	1.9	5.9	2	97	0.5
1.8	34.9	58.7	6.5	77.80	1.4	5.8	2	134	0.6
1.2	18.5	43.2	5.2	57.70	0.7	3.3	1	145	0.3
2.2	123.3	97.4	21.1	77.80	4.1	6.5	2	110	0.5
1.6	39.3	68.1	7.2	84.10	1.6	3.4	2	136	0.3
1.7	44.6	89.2	4.4	80.70	1.7	2.0	2	55	0.2
1.7	41.8	96.3	4.6	89.20	1.7	2.5	2	93	0.2
1.9	38.8	95.6	5.9	99.00	1.6	1.5	2	108	0.1
2.0	48.0	95.4	8.3	101.20	2.0	2.4	2	109	0.2
1.9	39.5	87.1	6.4	97.30	1.7	2.0	3	103	0.2
2.2	41.4	94.3	5.3	111.80	1.8	2.5	2	81	0.2
2.3	43.7	112.4	5.2	104.90	1.9	1.7	3	70	0.2
2.2	35.2	84.0	5.9	94.90	1.5	2.4	3	91	0.2
2.0	38.8	107.8	7.0	94.80	1.6	2.7	2	96	0.2
1.6	33.9	73.2	5.9	85.40	1.4	2.1	2	117	0.2
1.8	36.6	78.5	6.5	89.20	1.6	2.2	2	137	0.2
1.9	35.2	82.6	5.6	93.90	1.5	1.7	2	103	0.2
1.7	35.4	78.7	6.3	88.60	1.6	1.9	2	128	0.2
1.9	58.2	53.5	6.6	79.60	2.4	5.4	2	80	0.5
1.5	35.9	67.3	6.2	81.20	1.6	3.2	2	122	0.3
1.8	39.7	73.1	7.3	83.70	1.7	3.7	2	131	0.3
1.9	36.1	86.6	5.5	88.60	1.6	1.7	2	97	0.2
1.9	44.2	69.2	6.0	84.00	1.8	3.9	2	98	0.3
2.2	43.6	80.6	6.4	105.60	1.7	4.2	2	95	0.4
1.9	35.7	80.1	4.6	95.70	1.6	2.0	3	90	0.2
2.2	37.4	89.0	6.5	111.80	1.4	1.8	3	85	0.1
1.8	33.9	79.9	6.8	101.40	1.5	1.9	2	103	0.1
2.2	36.6	68.1	5.4	100.90	1.3	3.8	2	113	0.3
1.9	229.2	33.1	17.0	33.90	7.5	7.3	2	40	0.6
2.5	102.9	46.9	7.5	62.60	3.6	8.0	1	58	0.8
2.0	40.4	90.1	5.7	104.30	1.7	1.2	3	102	0.1
1.7	42.0	70.1	7.0	90.90	1.7	2.5	2	126	0.2
1.9	53.4	73.2	6.8	97.40	2.2	2.9	3	105	0.3
1.6	40.3	76.8	6.6	85.70	1.5	1.7	2	117	0.2
2.1	67.9	65.4	8.3	86.40	2.5	6.4	1	92	0.5
1.8	39.5	71.2	7.2	95.50	1.5	2.6	3	140	0.2
1.9	33.8	73.0	6.3	97.00	1.3	2.1	3	113	0.2
1.7	34.0	87.1	5.1	97.40	1.5	1.2	3	102	0.1
1.9	72.1	72.3	7.3	86.10	2.8	3.8	2	87	0.3
2.0	116.8	56.7	10.7	63.50	4.2	7.0	2	72	0.6
1.8	33.6	77.4	4.6	95.40	1.4	1.9	2	93	0.2
1.6	43.9	68.4	5.4	84.50	1.7	3.0	2	98	0.3
1.9	208.0	28.8	14.2	34.90	6.9	6.4	2	39	0.7
2.0	83.8	56.1	7.9	77.80	3.1	5.8	2	74	0.5
1.8	161.6	35.4	10.4	41.60	5.2	7.1	1	38	0.6
1.6	204.9	26.7	12.0	27.90	6.6	6.0	1	32	0.6
1.6	36.4	67.2	5.1	89.80	1.4	1.9	2	111	0.2
1.7	61.7	56.0	6.4	75.20	2.3	4.5	1	98	0.4
1.8	39.2	69.7	5.0	91.20	1.5	2.5	2	104	0.2
1.9	37.9	92.0	6.1	109.70	1.4	2.7	3	80	0.2
2.0	60.9	53.1	6.8	81.40	2.2	5.8	2	72	0.5
1.8	42.5	53.8	6.1	83.20	1.7	3.8	2	109	0.4
1.5	29.8	61.4	6.3	81.30	1.2	2.6	2	119	0.2
1.9	41.6	76.4	6.0	96.80	1.6	2.9	2	92	0.2
1.6	32.7	66.9	7.3	91.60	1.2	1.9	2	135	0.2
1.9	54.2	56.8	7.0	77.60	2.0	4.2	2	97	0.4
2.3	63.0	67.4	8.6	88.30	2.7	3.9	2	87	0.4
2.0	33.1	66.4	6.4	88.50	1.4	3.6	2	102	0.3
1.6	27.7	49.3	6.7	70.40	1.1	4.4	2	126	0.3
2.2	43.3	76.3	6.3	102.40	1.6	4.6	2	91	0.4
2.0	34.8	69.2	6.5	94.60	1.5	3.6	2	102	0.4
2.2	37.7	61.5	5.7	96.40	1.6	4.2	2	84	0.4
2.1	86.7	64.5	9.2	87.10	3.2	5.8	2	86	0.5
2.6	104.2	40.4	10.7	68.70	3.9	8.8	2	72	0.8
1.9	231.5	30.4	13.7	35.00	7.3	6.8	1	40	0.6
2.2	96.5	45.0	9.9	79.60	3.7	6.1	2	79	0.6
1.8	10.3	30.4	7.6	101.1	0.4	6.8	1	78	0.6
2.3	97.4	42.0	10.4	75.60	3.6	7.0	1	71	0.6
1.6	14.2	45.8	8.7	94.2	0.5	6.5	2	89	0.6
1.8	15.6	45.6	6.9	114.4	0.6	5.6	2	97	0.5
1.8	22.4	62.4	6.0	138.2	0.9	3.7	2	100	0.3
1.9	19.3	67.9	6.8	119.1	0.8	3.7	2	90	0.4
1.9	25.6	76.9	8.4	130.4	1.0	4.5	2	101	0.3
1.9	26.2	65.4	11.5	158.7	1.0	6.7	2	100	0.6
1.9	26.8	71.5	12.0	125.1	1.0	3.5	2	100	0.3
1.9	21.9	79.7	6.6	135.5	0.8	4.8	2	85	0.4
1.8	31.5	66.3	11.9	115.8	1.2	4.4	3	125	0.4
1.8	20.6	69.1	8.5	109.5	0.8	4.5	2	115	0.3
1.9	20.3	73.8	7.7	123.9	0.7	4.3	2	104	0.4

	Sn	Zr								
	1.8	20.3	65.1	6.7	110.4	0.7	4.5	2	91	0.3
	1.8	21.4	72.7	6.1	123.3	0.8	4.9	2	86	0.4
	1.9	20.5	66.9	8.0	102.9	0.7	5.7	2	87	0.4
	1.9	24.1	71.8	7.9	111	0.8	6.1	2	97	0.5
	1.9	28.3	90.5	11.6	102.4	1.0	6.6	2	104	0.6
	2.0	26.5	90.0	10.2	112	0.9	7.7	3	98	0.6
	2.0	18.9	33.4	9.3	106.1	0.8	17.7	1	87	1.4
	1.8	22.9	77.7	10.2	108.9	0.9	8.7	2	108	0.7
	1.8	28.4	62.0	8.0	101.9	1.1	9.6	2	93	0.8
	1.8	16.2	61.3	9.5	98.1	0.6	5.5	2	102	0.5
	2.0	32.8	58.7	9.3	96.1	1.3	10.5	2	91	0.9
	2.1	24.1	101.5	8.1	111.9	1.0	6.2	2	94	0.5
	1.8	19.4	77.1	8.5	112.1	0.9	4.4	2	101	0.4
	2.0	20.2	65.8	5.8	112.2	0.8	3.7	3	98	0.3
	1.9	50.4	60.1	9.7	92	1.7	6.3	2	89	0.5
	2.0	26.3	66.1	20.3	108.3	1.0	5.4	3	111	0.4
	1.7	20.3	59.0	16.6	103	0.7	4.6	2	102	0.4
	1.9	15.0	48.5	8.8	92.9	0.6	8.2	2	93	0.6
	2.0	84.2	61.9	10.6	84.6	3.1	6.6	2	75	0.5
	2.0	67.7	74.9	9.0	85.4	2.4	7.7	2	91	0.5
	4.8	23.4	53.0	21.5	232.6	1.3	35.6	4	115	2.6
	2.5	15.4	46.8	12.2	115.5	0.7	15.4	3	87	1.1
	2.0	24.9	44.4	9.4	106.4	1.0	9.6	2	89	0.7
	1.7	23.2	59.6	9.5	79.4	0.9	6.6	3	89	0.6
	2.5	40.3	45.8	14.2	99.8	1.7	16.0	3	93	1.3
	1.8	10.4	27.0	13.7	89.4	0.5	15.8	2	88	1.2
	2.1	20.6	54.1	10.6	106.8	0.9	11.2	2	87	0.8
	1.8	31.8	36.8	11.7	94.6	1.2	11.1	2	96	0.9
	2.5	27.6	78.4	10.5	139.8	1.0	11.3	4	102	0.8
	1.5	15.2	41.2	13.6	94.5	0.6	6.3	2	120	0.5
	2.2	42.6	107.3	19.8	101.1	1.6	8.6	5	86	0.6
	2.1	56.2	42.8	14.5	91	2.2	13.3	3	104	1.1
	2.1	19.4	57.5	9.0	117.4	0.7	6.1	3	113	0.5
	6.7	16.8	40.2	7.4	196.8	1.0	15.0	5	80	0.8
	2.7	49.9	56.8	11.8	153.6	2.0	8.4	3	78	0.6
	2.4	104.0	53.1	17.1	116.4	4.2	7.5	2	89	0.6
	2.5	88.1	61.4	12.1	131.4	3.4	7.6	3	64	0.5
	3.0	57.7	54.6	10.2	169.6	2.4	8.6	3	76	0.6
	2.5	23.5	52.2	12.1	156.5	0.9	7.0	2	92	0.5
	2.5	49.3	56.0	13.7	141.3	1.9	6.8	3	86	0.5
	3.3	45.1	58.1	11.4	167.6	2.0	10.1	3	77	0.7
	5.6	17.8	61.0	16.5	202	1.0	18.5	6	127	1.1
	3.6	52.4	53.8	17.3	131	2.3	12.0	4	98	0.8
	2.9	34.0	44.7	16.8	140.6	1.6	13.0	3	99	0.9
	2.7	125.4	52.0	25.6	113.8	5.1	9.3	5	79	0.7
	2.7	161.9	49.8	24.7	59.8	6.8	8.4	5	70	0.6
	3.3	107.7	58.2	27.1	124.4	4.5	12.2	5	86	0.7
	3.0	30.7	50.0	15.4	151.6	1.4	9.1	4	88	0.6
	2.9	38.1	49.4	31.7	128.1	1.7	9.6	3	95	0.6
	2.0	24.5	55.3	13.3	104.2	1.1	7.9	3	98	0.6
	1.9	66.0	49.3	17.6	92.2	2.6	8.7	3	94	0.6
	2.2	11.4	41.2	17.8	108	0.6	10.5	3	95	0.8
	2.0	19.1	52.0	13.3	101.2	0.8	6.7	3	95	0.4
	1.9	21.1	56.9	8.9	111.1	0.9	5.3	3	100	0.4
	1.8	18.3	41.6	12.1	90.9	0.9	5.3	2	99	0.4
	1.9	19.3	45.2	12.8	89.4	0.9	7.7	2	98	0.5
	2.0	20.1	50.9	12.1	99.5	0.9	5.9	3	95	0.5
	1.9	17.5	36.8	12.6	93.3	0.9	5.9	2	114	0.5
	1.8	18.4	33.3	10.6	83.8	0.8	6.2	2	126	0.5
	2.0	23.3	43.1	12.0	100.7	1.0	7.3	3	106	0.6
	1.8	20.7	38.3	11.1	95	0.8	5.5	2	108	0.4
	1.9	12.9	30.0	14.2	84.2	0.6	11.2	2	98	0.8
	1.9	16.5	29.5	12.2	81.4	0.7	10.5	2	110	0.8
	1.8	15.0	29.3	14.5	79.2	0.7	10.4	2	99	1.1
	1.2	11.7	15.9	12.6	48	0.5	10.5	2	88	1.2
	1.6	19.5	33.5	13.5	70.6	0.9	8.7	2	84	0.8
	2.4	19.6	63.4	23.4	122.9	0.8	5.0	3	72	0.4
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Sn	Zr
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Sn	Zr
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1	1
1	2.2
1	1.2
<1	0.9
1	0.5
1	1.8
1	1.6

Sn	Zr
1	0.2
1	0.1
1	0.4
1	1.5
1	1.5
1	1
1	0.7
<1	0.1
<1	0.2
<1	<.1
<1	<.1
<1	<.1
<1	0.3
<1	1.1
<1	0.1
1	5.1
1	0.2
1	19.8
<1	<.1
<1	16.6
<1	15.9
<1	18.8
<1	42.8
<1	19.3
<1	1.9
1	1.4
<1	0.3
<1	3.1
<1	5.1
<1	5.9
<1	10.8
<1	0.9
<1	1.8
<1	0.7
<1	0.2
<1	0.3
<1	1.6
<1	0.1
<1	6.2
<1	0.3
<1	0.7
<1	1.3
<1	0.9
<1	0.1
<1	3.8
<1	1.3
<1	0.3
<1	4.8
<1	1.2
<1	5.9
<1	2
<1	7
1	17.4
<1	5.3
1	0.2
1	0.6
<1	0.3
<1	0.1
<1	3.1
<1	1.4
1	37.5
<1	2.4
1	9.6
1	5.4
<1	5
<1	5.4
1	10.1
<1	9.3
1	3.3
1	3
<1	1.9
<1	3.1
<1	1.2
1	3.5
1	24.6

Sn	Zr
1	14.5
1	7.9
1	4
1	1.6
1	5.6
<1	3.3
<1	4.7
1	2.5
1	6.3
1	10.3
<1	4.6
1	8.9
1	34.4
<1	1.2
<1	0.9
<1	0.2
1	2.1
1	0.5
1	3.5
1	0.6
<1	0.7
<1	0.1
<1	0.1
1	0.2
1	0.1
1	0.4
1	1.1
1	4.7
1	1.5
1	5.6
<1	1
<1	0.7
<1	2.1
<1	3.8
1	16.7
1	10.2
1	27
1	5.4
1	0.5
1	9
<1	6.1
1	17
1	17
1	1.6
1	17.6
1	1.4
1	18.9
1	1.9
1	1.1
1	0.2
<1	6.8
1	3.7
1	16.2
1	6.7
1	1.3
1	3.2
1	0.4
1	4.1
1	10.2
1	24
1	1.6
1	8
1	2.7
1	5.2
<1	4.7
<1	1.7
1	9.1
1	8.3
<1	0.9
<1	1.6

APPENDIX C

CHIP SAMPLING

SAMPLE DESCRIPTIONS / RESULTS

McFarlane July 29th/07
Chip sampling on North side of McFarlane Creek

Area has 3 obvious veins varying between 30 and 15cm wide. Fe-stained and altered host rocks.
Chip sampling intervals to be 1m spacing over 34 metre section
Labelling from MF-C-001 to MF-C-034
Samples are chipped off and bagged with tags hammered into the rock at sample location
Area is weakly to well-foliated locally with massive intrusive bodies
Salt and pepper colour, medium-grained, hypidiomorphic textured intrusive
Cross-cut by up to 30cm wide massive quartz + musc + pyrite + Mo veins
Fe-stained throughout, deep red brown staining at vein site (Mo + pyrite)
Mo associated with areas of pervasive muscovite alteration, disseminated in soft and crystal form
Intrusive has been recrystallized near contact to vein
Contacts are gradational to sharp and well-defined; definable due to muscovite and pyrite alteration at the contacts

Appears to be foliation at 020/37 through the quartz veins and intrusive (lineation of minerals; biotite)

Generally, quartz veins are sheared BUT vein with Mo does not show fabric orientation (not as sharply) - post-dates other veins?

Chip Sampling

Sample 1 - 516830 5494861 - granodiorite to diorite, salt and pepper colour with limonite around irregular shapes. Hypidiomorphic, fine- to med-grained. No apparent mineralization

Sample 2 - Appears to have salt and pepper colour, very sugary, crystalline texture, very deep red to brown Fe-staining throughout over metre-long section, appears to be some general structure
- possible hydrothermal alteration

Sample 3 - As previous Sample

Sample 4 - 4 cm wide musc (massive, pervasive)
- vein at 092 / 60
- sugary crystalline rock texture with Fe-staining from light brown to deep brown-red. Possibly garnets present, muscovite also.

Sample 5 - crossing perpendicular to a vein of quartz + muscovite + Mo. Mo is disseminated, blue colour and associated with muscovitic alteration. Quartz massive and coarse-grained (milky - drusy white).
- Orientation of vein - 064/80 (this is sub-parallel to other vein).
- rock type - as above
- pyrite alteration at contact

Sample 6 - Chlorite - green colour with granular texture, muscovite planes clearly visible in sunlight
- Fe-staining (light brown coour) throughout
- cubic pyrite gossan

Sample 7 - sugary white - coloured with medium grained texture.
- Pyrite cubes that have been oxidized
- appears to have a weakly defined foliation

Sample 8 - White-grey with feldspar phenocrysts to 0.5 cm long
- Fe - brown stained, pyrite cubes
- 35 cm from end of sample - quartz vein approx. 25 cm wide
    - massive, coarse-grained, Fe-stained
    - appears to have some structural fabric similar to the rest of the surrounding rock
    - No apparent mineralization (just pyrite)

Sample 9 - Dusty looking, salt and pepper colour (more salt).
- Approx. 5% biotite, quartz and feldspar present, Fe-staining
- appears to have “sheen” on face

Sample 10 - green chlorite, FE alteration minerals appears to be some very weakly defined fabric
- at outcrop scale is massive looking
- Feldspars + muscovite + quartz $\ll$ biotite
- appears banded, not much colour differenatiation but upon closer inspection appears that quartz and feldspar are separated

Sample 11 - Fine-grained, hypidiomorphic, salt and pepper coloured rock.
- does appear massive at outcrop with hand sample showing **no** indication of structure / mineral alignment
- light brown weathering surface
- No mineralization apparent in hand sample

Sample 12 - as described above

No descriptions for Samples 13 to 34.

APPENDIX D

BEN DERBY ADIT

SAMPLE DESCRIPTIONS

Location/Identification

MINFILE Number: 082FNE125
Name(s): **BEN DERBY**
UNF

Status: Showing
Regions: British Columbia
BCGS Map: 082F067
NTS Map: 082F10W
Latitude: 49 36 00 N
Longitude: 116 46 10 W
Elevation: 1600 metres
Location Accuracy: Within 500M

Mining Division: Nelson
Electoral District: Nelson-Creston
Forest District: Kootenay Lake Forest District

UTM Zone: 11 (NAD 83)
Northing: 5494184
Easting: 516660

Mineral Occurrence

Commodities: Molybdenum

Minerals
Significant: Molybdenite
Associated: Quartz

Deposit
Character: Disseminated, Vein
Classification: Porphyry, Hydrothermal
Type: L05: Porphyry Mo (Low F- type)

Host Rock

Dominant Host Rock: Plutonic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Proterozoic	Horsethief Creek	Undefined Formation	------
Upper Proterozoic	Windermere	Undefined Formation	------
Cretaceous	------	------	Unnamed/Unknown Informal

Isotopic Age	Dating Method	Material Dated
------	------	------
------	------	------
------	------	------

Lithology: Granite, Argillite, Quartzite

Geological Setting

Tectonic Belt: Omineca
Physiographic Area: Purcell Mountains
Terrane: Ancestral North America

Inventory

No inventory data

Capsule Geology

The Ben Derby showing occurs where Cretaceous granitic intrusions come into contact wth argillites and quartzite of the Upper Proterozoic Horsethief Creek Group (Windermere Supergroup). Disseminated molybdenite was noted in the granite near the contact zone. Earlier exploration consisted of driving two adits on steeply dipping 1.2-metre-thick white quartz veins mineralized with molybdenite.

Bibliography

EMPR AR 1918-159, 1966-217, 1967-248
EMPR ASS RPT 1176, 7933
EMPR EXPL 1979-68

Date Coded:	1985/07/24	**Coded By:**	BCGS	**Field Check:**	N
Date Revised:	1999/12/02	**Revised By:**	GJP	**Field Check:**	N

McFarlane Ben Derby Adit

On July 30, 2007 three members of the Jasper mining field crew entered an addit named the BEN DERBY ADIT located at the following co ordinates: 516235-5494465. Five samples were taken at varying intervals; where mineralization was visible. Samples were chipped mainly off the roof of an apparent quartz vein which hadn't been completely removed. The adit ran approximately 50 m deep with an average width of 1.5m and a height of approximately 2m.

Entrance

10 Paces: Sample #: **HCMF 07 ADIT 5**

The sample taken was from remaining quartz and mineralization left behind from the coring of the Ben Derby Adit. Predominantly bull quartz with moly stringers approximately 0.5-1cm thick.

15 Paces: Sample #: **HCMF 07 ADIT 4**

The sample taken was from remaining quartz and mineralization left behind from the coring of the Ben Derby Adit. Predominantly bull quartz with moly stringers approximately .5-1cm thick.

22 Paces: Sample #: **HCMF 07 ADIT 3**

The sample taken was from a site where there was visible alteration in the host rock.

10 Paces: Sample #: **HCMF 07 ADIT 2**

Sample taken because of the limit of dry ground to stand on.

6 Paces: Sample # **HCMF 07 ADIT 1**

The sample taken was from the terminal end of the adit. The host rock was slightly altered. Quartz and mineralization was less evident to the basic eye observation.

APPENDIX E

CORE DESCRIPTIONS / RESULTS

JASPER MINING CORPORATION

DRILL LOG: DIAMOND DRILL CORE

HOLE NO.	MC - 07 - 01

CLAIM BLOCK CODE:			
NTS:	082F/10E	**TRIM Map:**	082F057
CLAIM NAME:	MCFARLANE NORTH (tenure #51		
LOCATION - GRID NAME:			
EASTING:	516235 E	**NORTHING:**	5494768 N
SECTION:		**ELEV:**	830m
AZIM:	055°	**LENGTH:**	77.11m
DIP:	-45°	**CASING LEFT?:**	No
CORE SIZE:		**BTW**	
CORE STORAGE:		Cranbrook	

SURVEY

DEPTH	AZIM	DIP
No surveys taken		

DRILLING CO:	F.B. Drilling
STARTED:	02-May-07
COMPLETED:	02-May-07
PURPOSE:	To test geophysical targets
CORE RECOVERY:	>97%
LOGGED BY:	Doug Cruji
DATE LOGGED:	
ASSAYED BY:	Acme Analytical
LAB REPORT NOS.:	

Drill Hole MC - 07 - 01

From	To	Core Angle		Description	Sample	From	To	Gold	Silver	Lead	Zinc	Mo	Copper
m	m	m	Deg		Number	m	m	ppb	gms/T	ppm	ppm	ppm	ppm
0.00	**2.50**			**Overburden** **(0-?? Casing)**									
2.50	**77.11**			**Granite** Patchy salmon and light grey to white. Massive medium grained feldspar-quartz-dark green to black ferromagnesium (hornblende). Common tight hairline fracturing (joints) throughout at irregular orientations. The fractures are generally <1mm commonly bleached and locally white to pale green clay filled. Minor spotty and fracture controlled white mica (muscovite). Trace dark green chloritic stringers. Unmineralized. **40.1-41.0** - Stockwork pale green (chloritic) fracturing No preferred orientation ± 1mm and commonly slickensided. The stringers compose <5% of the interval ~**45.0-46.6** ~ 1.0 m of lost core ~**45.0-46.6** - Fault Broken rubbly with only ~0.6m of core recovered consisting of granite (ada) locally sandy / desilicified and dark green (~20cm recovered) chloritic clay gouge spotted with minor calcite. Upper contact at 40 degrees to the core axis. **64.9** - 2-3mm anastomising dark green chloritic stringer at ~15 degrees to the core axis. **65.25-65.5** - Broken rubbly desilicified granite.									
77.11				**End of Hole**									
				Photos									
				Samples **MC-07-01-01** Fault, broken rubbly with only ~0.6m of core recovered consisting of granite (as described above) locally sandy / desilicified and dark green chloritic clay gouge spotted with minor calcite.	01	45.00	46.60						

BOXES			
1	2.50	10.7	
2	10.70	17.6	
3	17.60	24.8	
4	24.80	31.95	
5	31.95	38.5	
6	38.50	46.35	(~0.8m lost
7	46.35	53.2	(~0.2m lost
8	53.20	60.15	
9	60.15	67.1	
10	67.10	74.06	
11	74.06	77.11 eoh	

JASPER MINING CORPORATION

HOLE NO.	MC - 07 - 02

DRILL LOG: DIAMOND DRILL CORE

CLAIM BLOCK CODE:			
NTS:	082F/10E	**TRIM Map:**	082F057
CLAIM NAME:	MCFARLANE NORTH (tenure #5		
LOCATION - GRID NAME:			
EASTING:	516235 E	**NORTHING:**	5494768 N
SECTION:		**ELEV:**	830m
AZIM:	252°	**LENGTH:**	370.94
DIP:	-45°	**CASING LEFT?:**	No
CORE SIZE:		**BTW**	
CORE STORAGE:		Cranbrook	

SURVEY

DEPTH	AZIM	DIP
20.42 m	251.97	-45.80º
78.33m	249.43	-45.14°
136.25	252.47	-45.23°
194.16	255.5	-45.04°
252.07	256.85	-45.68°
309.98	257.5	-46.69°
367.89	265.13	-45.68°

DRILLING CO:	F.B. Drilling
STARTED:	02-May-07
COMPLETED:	07-May-07
PURPOSE:	To test geophysical targets
CORE RECOVERY:	>97%
LOGGED BY:	Doug Cruji
DATE LOGGED:	
ASSAYED BY:	Acme Analytical
LAB REPORT NOS.:	

Drill Hole MC - 07 - 02

From	To	Core Angle		Description	Sample	From	To	Gold	Silver	Lead	Zinc	Mo	Copper
m	m	m	Deg		Number	m	m	ppb	gms/T	ppm	ppm	ppm	ppm
0.00	6.10			**Overburden** **(0-??? Casing)**									
6.10	370.94			**Granite** Patchy salmon and light grey to white.									
				Massive medium grained feldspar-quartz-dark green to black ferromagnesium (variably altered / chloritized hornblende). Common tight hairline fractures / joints at irregular orientations. The fractures are generally <1mm, locally wider and white clay infilled. Fracture controlled and spotty white mica (sericite) locally forming 'veins' or alteration haloes to fractures. Relatively minor fracture-filling chloritization. Non magnetic. Trace disseminated and fracture-filling pyrite.									
				6.1-~58.2 - Patchy and fracture-filling white mica, rusty limonitic and fracture filling clay (subparallel to the core axis).	01	43.00	44.00						
					02	68.00	69.50						
				Alteration	23	111.25	112.77						
				~**59.8-60.5 -** Altered. Green-grey weakly chloritized/carbonatized interval. Cloudy appearance - grain boundaries obscurred by the overprinting alteration. Patchy carbonatization (HCl reactive). Gradational upper contact, sharp lower contact at 70 degrees to the core axis.	03	126.00	126.49						
				91.2-92.3 - Weak to moderately chloritized interval. Patchy and fracture-filling dark green chloritization and spotty carbonatization (calcite) as described above 59.8-60.5m.	04	138.80	139.00						
				99.85-99.95 - Weakly chloritized patch, as described above. Irregular gradational contacts.	05	147.98	149.05						
				115.0 - 5cm green-grey chloritic band @ ~40 degrees to the core axis.	06	160.50	161.10						
				118.74-118.9 - Irregular grey sericitic patch with 2-3% fine grained spotty green (epidote?) alteration.	07	168.90	169.47						
				120.0 - ~3cm grey sericitic band @ 35 degrees to the core axis.	08	169.47	170.60						
				187.5-187.8 - Sericitic Patch. As described above but with no quartz vein within the interval.	09	170.60	171.76						
				216.2-216.33 - Grey carbonatized (calcite) interval.	10	171.76	172.20						
				222.97-223.08 - Patchy weakly sericitized, chloritized granite	11	172.20	173.13						
				246.2-324.4 - Weakly sericitized. Banded as described above 232.7-236.5m locally composing 5-10% of the interval. Rarely medium grained euhedral pyrite occurs along a fracture or veinlet at the core to the sericitic band(s). Most commonly oriented at 25-30°TCA.	12	173.13	174.65						
				343.7-348.8 - Sericitic haloes to fracturing as described above 246.2-324.4m.	13	174.65	176.17						
					14	176.17	177.70						
				Veins	15	177.70	179.22						
				43.0-44.0 - Quartz Veined, pyritic. ~40-50% white quartz veining mineralized with coarse grained pyrite and fiine grained grey mineral (Mo?). Broken rubbly throughout.	16	185.00	186.00						
				65.14 - Appproximately 1.5cm bull white quartz vein at 30 degrees to the core axis. Unmineralized.	17	246.00	246.50						
				68.8-69.3 - Approximately 3cm coarse grained pink feldspar-muscovite-quartz (pegmatitic) veinlet mineralized with coarse grained clotty and fracture-filling pyrite (1-2%). Veinlet subparallel to the core axis, ~5 degrees.	18	261.21	262.74						
				86.3 - 2cm white quartz vein at 40 degrees to the core axis. Mineralized with 1% medium grained subhedral pyrite. Patchy ~1cm sericitized vein margins.	19	282.10	283.60						
				89.2 - Approximately 3 cm of white quartz vein rubble as described above at 86.3m.	20	305.10	306.60						
				99.55 Approximately 2 cm quartz vein. White unmineralized with ~1cm sericitic margins.	21	344.50	346.10						
				101.4 - ~120.0 - Sericitic Veined Interval. 3-5% grey bleached sericitized 'veining' most commonly at 25-40 degrees to the core axis. Trace fine grained pyrite and very fine grained grey mineral (Mo?).	22	363.90	365.10						
				Veining as described below:									
				101.4 - 5cm veinlet @ 40 degrees to the core axis.									
				101.8 - 2cm veinlet @ 35 degrees to the core axis.									
				102.4 - 1.5cm veinlet @ 30 degrees to the core axis.									
				103.3 - 3cm veinlet @ 30 degrees to the core axis.									
				103.4 - 1cm veinlet @ 35 degrees to the core axis.									
				104.24 - 1cm veinlet @ 30 degrees to the core axis.									
				105.03 - 3cm veinlet @ 25 degrees to the core axis.									
				105.16 - 1cm veinlet @ 30 degrees to the core axis.									
				105.32 - 2.5cm veinlet @ 40 degrees to the core axis.									
				106.9 - 3cm veinlet @ 25 degrees to the core axis.									
				107.7 - 2.5cm veinlet @ 25 degrees to the core axis.									
				111.0 - 1cm veinlet @ 30 degrees to the core axis.									
				111.37 - 2cm veinlet @ 30 degrees to the core axis.									

111.7 - 1cm veinlet @ 40 degrees to the core axis.
111.8 - 1cm veinlet @ 25 degrees to the core axis.
112.1 - 1.5cm veinlet @ 30 degrees to the core axis.
112.4 - 3.5cm veinlet @ 25 degrees to the core axis, with ~5mm white quartz core.
112.9 - 1cm veinlet @ 25 degrees to the core axis.
113.5 - 1cm veinlet @ 25 degrees to the core axis.
114.5-114.63 - 10cm veinlet @ 35 degrees to the core axis.
114.8 - 1cm veinlet @ 30 degrees to the core axis.
114.85 - 1cm veinlet @ 40 degrees to the core axis.
115.14 - 3cm veinlet @ 35 degrees to the core axis.
115.25 - 1.5cm veinlet @ 30 degrees to the core axis.
115.3 - 1.5cm veinlet @ 50 degrees to the core axis.
116.38 - 1cm veinlet @ 25 degrees to the core axis.
116.8-117.0 - Several (4) up to 1cm veinlets at 30-45 degrees to the core axis.
118.17-118.25 - Two 5mm veinlets @ ~40 degrees to the core axis.
120.75 - 3.5cm fine grained quartz veinlet @ 40° degrees to the core axis.
121.24 - 1cm white albite veinlet @ 55° degrees to the core axis.
122.74-122.97 - Approximately 5mm Quartz veinlet at ~10-15° degree s to the core axis.
123.84-123.94 - Approximately 7cm grey sericitic band at ~45° degrees to the core axis (TCA). As above at 120.0m.
126.3 - Approximately 1cm sericitic band / vein as described above at ~20° TCA. Possible trace very fine grained molyb enite.

137.2 - 1.5cm sericitic band / veinlet at 30° TCA.
137.44 - 1.5cm sericitic band / veinlet at 35° TCA.
138.5 - 2cm sericitic band / veinlet at 30 TCA.
138.88-138.98 - Approximately 9cm white quartz-sericite veinlet at 55° TCA. Fine to medium grained. Mineralized with mino r (<1%) blebby pyrite elongate subparallel to the vein margins.
142.15 - Approximately 1.5cm sericitic band / veinlet at 30° T CA.
142.9 - Approximately 2cm sericitic band / veinlet at 25° TCA .
143.95 - Approximately 2.5cm sericitic band / veinlet at 30° T CA.
147.98-149.05 - Chloritic Interval. Pale green tinted. Spotty and fracture-controlled moderate pale green chlorie altered.
155.0-201.0 - Weakly sericitic 'veined' interval. As described above 101.4-120.0m, 1-3% ±1cm veinlets as described above most commonly at 20-30° TCA. Rare medium grained clot ty subhedral pyrite along fracturing/veinlets.
Larger (>1cm) bands/veinlets as below:
155.25 - Approximately 1cm sericite band / veinlet at 30° TCA .
155.45 - Approximately 3cm sericite band / veinlet at 25° TCA .
156.6 - Approximately 1.5cm sericite band / veinlet at 20° TC A.
156.75 - Approximately 2cm sericite band / veinlet at 15° TCA .
157.35 - Approximately 2cm sericite band / veinlet at 25° TCA . ~5mm light grey quartz veinlet at the core.
158.1 - Approximately 1cm sericite band / veinlet at 20° TCA.
158.4 - Approximately 1.5cm sericite band / veinlet at 25° T CA.
159.05 - Approximately 2cm sericite band / veinlet at 25° TCA .
159.3 - Approximately 2cm vuggy sericite band / veinlet at 25° TCA.
160.6 - 2.5cm white quartz vein, with ~5mm medium grained sericitic margins, at 20° TCA. Mineralized with minor v ery fine grained (<1mm) molybdenite within the quartz vein.
163.8 - Approximately 4cm white quartz vein at 45° TCA. Unm ineralized. Weakly sericitic margins (</+1mm).
164.72-164.82 - Approximately 9cm grey sericitic band with two discontinuous 5mm quartz stringers conformable to the margins at ~25 TCA. Minor blebbly pyrite associated with the quartz.
165.28-165.38 - Patchy grey sericitization associated with a 5mm quartz stringer and 1-2mm pyritic fracture-filling, both at ~25° TCA.
166.55-166.6 - Two 1cm quartz veins at 50° TCA. White with purple (flourite?) patches. Sericitic margins. Unmineralized.
169.8-177.76 - Quartz veined Interval. <5% up to 1cm light grey quartz veinlets at variable orientations, most commonly at 35° TCA. Minor coarse grained pyrite locally concentrat ed along the vein margins. Patchy salmon colouration (potassic alteration?) to the granite.
171.76-172.2 - Quartz Vein. White with minor purple (flourite?) or pale green to beige medium grained sericitic fracture-fillings and inclusions. Broken sericitic contacts.
172.36 - 1cm white quartz veinlet at 30 TCA. Mineralized with minor coarse grained subhedral pyrite and trace very fine grained molybdenite along the upper vein margin.
173.8-174.2 - Fine grained pink quartz-feldspar interval. Alteration or inclusion?
174.2-174.3 - Approximately 4cm Quartz Vein. White quartz with light grey sericitic partings and margins. Vein at ~25° TC A.
175.2 - Approximately 3cm sericitic band / vein at 25° TCA.

177.77 - Approximately 1cm sericitic band / vein at 40°TCA.
177.9 - Approximately 1cm sericitic band / vein at 40°TCA.
178.1 - Approximately 2.5cm sericitic band / vein at 30°TCA.
178.77-178.92 - Quartz Vein. White vein at 25°TCA. Sericitic marg ins. Minor medium grained subhedral to euhedral pyrite mineralization adjacent to the contacts.
179.28 - 2cm sericitic band / vein at 45°TCA.
179.35 - 1.5cm sericitic band / vein at 40°TCA.
179.73 - 2cm sericitic band / vein at 35°TCA.
180.45 - 1cm sericitic band / vein at 40°TCA.
180.7 - 3cm sericitic band / vein at 30°TCA.
185.0-185.46 - Sericitized Interval, as described above.
185.1 - Two, 2cm and 0.5cm, quartz veins at 25°TCA. The up per 2cm vein is mineralized with coarse grained (up to 1cm) euhedral pyrite.
Sericitized Interval. Associated with an ~1cm beige sheared calcitic gouge at ~15°TCA.
186.16 - 2cm sericitic band at 35°TCA.
187.2 - Approximately 5mm light grey quartz vein at 45°TC A with ~2cm grey sericitized haloes adjacent to both margins.
194.1 - Approximately 5mm grey quartz veinlet within ~2cm grey sericitized haloe at ~35°TCA. The veinlet is mine ralized with up to 5mm subhedral pyrite.
194.45 - 4cm sericitic band at ~35°TCA.
196.1 - Approximately 3cm sericitic band at ~35°TCA.
200.7 - Approximately 2cm sericitic band at 35°TCA.
200.95 - Approximately 2cm sericitic band at 30°TCA.
~6cm core to the interval appears to possibly be massive strongly chloritized granite.
209.8-209.9 - Approximately 5cm sericitic band at ~30°TCA.
232.7-236.5 - Weakly sericitized bands / haloes to fracturing, as described above, most commonly at 30-40°TCA. Up to 2cm wide bands composing <3% of the interval. Unmineralized.
Quartz veinlets as described below.
262.34 - Trace molybdenite concentrated along a hairline sericitic fracture at ~40°TCA.
283.17 - 3mm grey quartz veinlet at 35°TCA. Mineralized w ith medium grained subhedral pyrite.
Below **324.4**m relatively minor grey sericitic banding / haloes to the variably pyritic fracturing.
345.15 - Approximately 2cm Quartz Vein. Coarse grained quartz (+pink feldspar) vein at 25°TCA. Minor medium grai ned subhedral pyrite and trace very fine grained grey mineral (molybdenite?) occuring along the vein margins.
346.9 - Approximately 3mm quartz veinlet at 20°TCA within an ~10cm grey sericitized interval. Mineralized with minor medium grained euhedral pyrite and very fine grained grey mineral (molybdenite?)

Intrusives
190.45-191.3 and **192.35-192.7** - Mafic dykes? Dark green fine grained strongly carbonatized (calcite) and locally spotted with fine grained black biotite. Conformable contacts, upper dyke at 25°TCA and lower at 30°TCA.
201.5-201.63 - Mafic dyke. Dark green medium grained spotted with lighter green chloritized inclusions(?). Sharp contacts at 55°TCA. Dark green strongly chloritized and carbonatize d (calcite). Gougey appearance adjacent both contacts, upper
219.54-219.59 - Felsite dyke (or inclusion?). Sharp contacts most commonly at ~50°TCA.
219.88-220.14 - Felsite dyke, as described above.
220.56-220.66 - Felsite dyke, as described above.
221.22-221.28 - Felsite dyke, as described above.
222.22-222.25 - Felsite dyke, as described above.
281.85-282.0 - 'Mafic inclusion' (dyke?). Light green. Fine to medium grained foliated at 40°TCA. Chloritized and spo tty carbonatized (calcite).
363.9-365.05 - 'Dioritic' Interval. Grey fine to medium grained massive composed of ~50% variably chloritized green to black ferromagnesium (amphibole) and 50% pink feldspar and grey quartz.

Faults
Approximately **85.2-89.5** Several pale green-grey clay infilled veinlets / stringers at variable oreintations compose 2-3% of the section. Most commonly at 0-35 degrees to the core axis. Unmineralized.
99.5-99.8 - Fault? Broken rubbly friable interval.
107.9 - Fault. White to pale green carbonatized (calcitic) fault gouge with dark green slickensided margins. ~10 degrees to the core axis.
160.9 - Fault. Approximately 1cm pale green-white calcitic clay altered gouge at ~30°TCA.
169.0-169.15 - Fault Gouge. Pale green calcitic gouge. Broken contacts - rubbly core down to ~169.47m.
185.7-185.93 - Shear
208.9-209.09 - Shear

370.94				**End of Hole**									
				Photos none									
				Samples MC-07-02-01 MC-07-02-02 MC-07-02-23 MC-07-02-03 MC-07-02-04 MC-07-02-05 MC-07-02-06 MC-07-02-07 MC-07-02-08 MC-07-02-09 MC-07-02-10 MC-07-02-11 MC-07-02-12 MC-07-02-13 MC-07-02-14 MC-07-02-15 MC-07-02-16 MC-07-02-17 MC-07-02-18 MC-07-02-19 MC-07-02-20 MC-07-02-21 MC-07-02-22									

BOXES		
1	6.10	12.33
2	12.33	18.80
3	18.80	25.20
4	25.20	32.18
5	32.18	39.25
6	39.25	46.79
7	46.79	53.49
8	53.49	60.40
9	60.40	67.00
10	67.00	74.00
11	74.00	80.80
12	80.80	87.83
13	87.83	94.67
14	94.67	101.54
15	101.54	108.30
16	108.30	115.50
17	115.50	122.20
18	122.20	129.30
19	129.30	136.50
20	136.50	143.65
21	143.65	151.00
22	151.00	157.74
23	157.74	164.96
24	164.96	172.16
25	172.16	179.00
26	179.00	186.05

27	186.05	193.10	
28	193.10	200.10	
29	200.10	207.13	
30	207.13	214.10	
31	214.10	221.42	
32	221.42	228.40	
33		228.40	
34			
35	243.00	249.90	
36	249.90	256.90	
37	256.90	264.09	
38	264.09	271.20	
39	271.20	278.20	
40	278.20	285.40	
41	285.40	292.50	
42	292.50	299.53	
43	299.53	306.94	
44	306.94	314.00	
45	314.00	321.18	
46	321.18	328.35	
47	328.35	335.35	
48	335.35	342.48	
49	342.48	349.61	
50	349.61	355.64	
51	355.64	363.85	
52	363.85	370.70	
53	370.70	370.90	EOH

JASPER MINING CORPORATION

HOLE NO.	MC - 07 - 03

DRILL LOG: DIAMOND DRILL CORE

CLAIM BLOCK CODE:			
NTS:	082F/10E	**TRIM Map:**	082F057
CLAIM NAME:	MCFARLANE NORTH (tenure #5		
LOCATION - GRID NAME:			
EASTING:	515818E	**NORTHING:**	5493683N
SECTION:		**ELEV:**	860m
AZIM:	270°	**LENGTH:**	309.97
DIP:	-45°	**CASING LEFT?:**	No
CORE SIZE:		**BTW**	
CORE STORAGE:		Cranbrook	

SURVEY

DEPTH	AZIM	DIP
5.18	270.63	-44.73º
66.14	274.66	-44.60°
127.1	268.84	-43.07°
188.06	267.02	-42.34°
249.02	273.2	-42.73°
309.98	346.97	-42.40°

DRILLING CO:	F.B. Drilling
STARTED:	03-May-07
COMPLETED:	11-May-07
PURPOSE:	To test geophysical targets
CORE RECOVERY:	>97%
LOGGED BY:	Doug Cruji
DATE LOGGED:	
ASSAYED BY:	Acme Analytical
LAB REPORT NOS.:	

Drill Hole MC - 07 - 03

From	To	Core Angle		Description	Sample	From	To	Gold	Silver	Lead	Zinc	Mo	Copper
m	m	m	Deg		Number	m	m	ppb	gms/T	ppm	ppm	ppm	ppm
0.00	**1.22**			**Casing**									
0.00	**1.40**			**Overburden**									
1.40	**101.60**			**Pseudoconglomeratic Chloritic/Biotitic Metasediment**	01	25.80	27.70						
		8.70	45	Banded to spotty green-grey and reddy-brown. ~40% green to green-grey bands and elongate ±1cm spots (pseudo-clasts) of fine grained chloritic metasediment and ~60% reddy-brown fine grained biotitic (biotite + quartz) metasedimentary bands (matrix) giving the unit a psedo-conglomeratic appearance.	02	42.70	42.95						
		15.20	45	**32.9-40.4** - Medium to coarse grained grey acicular crystals compose ~20% and are up to 1.5x0.3cm, as described above, in a fine grained reddy-brown biotitic groundmass / matrix.	03	48.00	50.00						
		18.80	45	**85.8 - ~101.6** - ≤5mm grey 'corroded' subhedral crystals compose ~5% of the section and are more equidimensional than described above.	04	102.40	102.80						
		26.00	32										
		31.70	35	**Alteration**									
		42.60	30	Pervasive strongly chloritized or biotitized. Locally overprinted with medium grained ragged bladey grey crystals (?) at random orientations up to 1.5x0.3cm in size.									
		56.50	40	**1.4-~18.0** - Rusty limonitic fracture surfaces (surficial weathering). Minor fine grained disseminated and fracture-controlled pyrrhotite (rare pyrite). Gradational lower 'contact'.									
		63.30	45										
		67.50	55	**Foliations**									
		75.00	50	Strongly foliated throughout generally at 35-50°TCA.									
		83.50	50	Approximately **25.8-27.7** Several pyrrhotitic bands/partings along foliation at ~30°TCA. Minor amounts overall.									
		89.00	60										
		96.00	55	**Veins**									
		101.00	60	Very minor white quartz veining / lenses. Discontinuous pinch and swell (boudinaged?) at irregular orientations.									
				17.85-17.93 - Approximately 5cm rusty quartz(+sericite) vein cross-cutting foliation at 40°TCA.									
				42.7-42.9 Quartz Vein. White quartz vein semi-confromable with foliation at ~30°TCA. Minor fine grained pyrrhotit e occuring as fracture-fillings and disseminations within chloritic inclusions.									
				48.0-50.0 - Several (~6) very irregular <1cm quartz veinlets compose <1% of the section. Minor blebby pyrrhotite.									
				77.85 - Approximately 2cm fine grained quartz band (vein). White fine grained quartz conformable to foliation at ~60°TCA with minor fine grained light grey sericitic patchs and minor fracture filling pyrrhotite.									
101.60	**114.90**			**Chloritic / Biotitic Metasediment (meta-arkose?)**									
		104.00	70	Banded fine grained green-grey (patchy) and red-brown. Compositionally similar to above with interbanded fine grained less									
		111.00	55	disrupted green-grey chloritic and reddy-brown biotitic metasediments. Moderately foliated at 55-70°TCA. Locally spotted									
		114.80	60	with poorly defined, medium grained, subhedral, light grey crystals in fine grained biotitic groundmass / matrix. Rarely ≤5mm pebbles / granules are visible. Trace fine grained disseminated or fracture-filling pyrrhotite.									
				Veins									
			50-65	**102.4-102.5** - Quartz Vein. White quartz interbanded with ~40% metasediment at ~50-65°TCA. Mineralized with ~1% medium grained, blebby and fracture-filling pyrrhotite.									
			15	**111.4-111.65** Quartz Vein. Approximately 5cm white quartz vein at ~15°TCA. Minor fracture-filling pyrrhotite.									
114.90	**131.30**			**Pebbley Conglomerate**									
		118.10	50	Reddy-brown to grey. Generally ≤5mm white subrounded quartz pebbles in finer grained biotitic matrix. Interbanded / bedded with fine grained reddy-brown to green-grey meta-sediments ('arkosic') as described above.									
		123.50	55	**120.16-120.46** - Cobble? - Massive medium grained dioritic in appearance.									
		129.00	60										
				Foliations									
			50-60	Moderate to strongly foliated at 50-60 °TCA. Trace pyrrhotite as described above. Minor ≤5mm white unmineralized quartz veinlets subparallel foliation.									

131.30	**152.30**			**Biotitic Metasediment ('arkosic')**	05	133.40	133.80						
		134.00	60	As described above. Generally reddy-brown with green-grey bands and spots (finer grained interbeds). Locally coarser	06	137.30	137.50						
		140.00	60	grained granular appearance. Commonly overprinted with light grey ('ghosts') ≤5mm subhedral-anhedral crystals (?).									
		151.00	60	Moderate to strongly foliated at 40-60°TCA. Minor fine grained pyrrhotite concentrated elongate along foliation.									
					07	142.95	144.48						
				Veins	08	144.48	146.00						
		147.00	40	Minor white quartz veining semi-conformable to foliation.	09	146.00	147.52						
			40	**133.5-133.65** - Several (3) white quartz veinlets up to 2cm compose 30% of the interval. Conformable foliation at 40°T CA.	10	152.50	153.00						
			50-60	**137.35-137.45** - Approximately 10cm white quartz vein somewhat irregular at 50-60°TCA. Minor fracture-filling pyrrhotite .									
			25-50	**143.1-147.0** - Several (9) white quartz veinlets as described above semi-conformable to the foliation at 25-50°TCA.									
			50	**148.8** - Quartz Vein. 5cm vein at ~50°TCA. Light grey spot ted with 1-3% green chloritic inclusions and minor pyrrhotite									
				Faults									
			30	**147.4** - Fault - 3cm dark grey fine grained calcitic fault gouge at 30°TCA.									
152.30	**167.90**			**Pebbly Conglomerate**	11	163.60	163.90						
		154.00	55	As described above 114.9-131.3m.									
		160.00	70										
				Veins									
		166.00	60	**152.63 -** Quartz Vein. 3cm vein conformable foliation at 55-65° TCA.									
			45	**152.88** - Quartz Vein. 3cm vein as described above at 45°TCA.									
			60	**163.7 -** Quartz Vein. 6cm light grey vein pinches and swells subparallel to the foliation at ~60°TCA. Minor fine gr ained blebbly pyrrhotite.									
167.90	**249.80**			**Biotitic Metasediment (Arkosic)**	12	168.50	170.00						
				As described above 1341.3-152.3m. Rarely with spotty grey crystal overgrowth. Minor to locally 1% fine grained pyrrhotite along foliation.	13	173.50	173.80						
				187.0-188.2 - Spotty dark green-black ragged anhedral 'porphyroblasts' (chloritized biotitic?) compose ~30% of the interval.	14	177.00	178.00						
					15	199.00	200.60						
				Veins	16	200.60	202.00						
				168.5-169.97 - Bleached, sericitized and quartz veined interval. pale green grey banded with light grey to white quartz (clasts?)	17	202.00	203.50						
			70	**173.6-173.69** - 7cm quartz vein. Light grey vein parallel to the foliation, upper contact at 70 and lower at 50°TCA. 1-2% coarse grained pyrrhotite and trace very fine grained grey mineral (Mo?).	18	203.50	205.00						
			45	**177.2-177.33** - 10cm quartz vein as described above at 45°TCA. Mine ralized with 1-3% fracture controlled pyrrhotite.	19	205.00	206.50						
			45-50	**177.6-177.8 -** 18cm quartz vein. as described above at 45-50°TCA and minor fine grained fracture controlled pyrrhotite.	20	206.50	208.00						
			60	**184.26 -** ≤1cm quartz vein subparallel to the foliation at 60°TC A.									
			70	**185.5 -** ≤1cm quartz vein subparallel to the foliation at 70°TC A.	21	208.00	209.50						
				196.0-211.8 - Weakly quartz veined interval	22	209.50	211.00						
			55	**196.04-196.14** - Quartz Vein. Approximately 6cm vein at 55°TCA wit h ~25% sedimentary partings. Minor fracture-filling pyrrhotite.	23	211.00	212.00						
			40	**199.14** - Quartz Vein. 2cm vein at 40°TCA. Minor fine gra ined disseminated pyrrhotite.	24	218.80	219.10						
			50	**199.37** - 2cm quartz vein at 50°TCA.	25	228.00	229.50						
			45	**200.4-200.53** - 9cm quartz vein as described above at 45°TCA. Minor fracture-filling pyrrhotite and chlorite.	26	229.50	231.00						
			55	**202.7** - 2cm quartz vein at 55°TCA.	27	232.30	232.70						
			50-60	**202.95-203.3** - Several (4) up to 3.5cm quartz veins at 50-60°TCA. Minor fracture-filling pyrrhotite.									
			50	**204.5 -** 1.5cm quartz vein at 50°TCA.									
			40	**205.68** - 2cm quartz vein at 40°TCA.									
			50	**205.8** - 2cm quartz vein at 50°TCA.									
			45	**205.95** - 1cm quartz vein at 45°TCA.									
			50	**206.87** - 2cm quartz vein at 50°TCA.									
			55	**206.93** - 1cm quartz vein at 55°TCA.									
			50-60	**207.66 -** 2cm quartz vein at 50-60°TCA.									
			50-70	**207.95-209.16** - Approximately 40% quartz veining up to 15cm at 50-70°TCA.									

			40	**212.3-212.36** - quartz vein banded with ~50% metasediment at 40°TCA.										
			40	**212.57** - 1cm quartz vein at 40°TCA.										
			40	**211.8** - Approximately 3cm quartz vein at 40°TCA.										
			0-25	**227.6-230.8** - Several (~10) white quartz veins (up to 2cm) parallel to the foliation at 0-25°TCA. Mineralized with 1-3% pyrrhotite along foliation within the host rock.										
			25	**232.56** - 3cm white quartz vein at 25°TCA. Mineralized with ~1% fine grained fracture-filling pyrrhotite.										
		242.00	45	**243.88** - 1cm white quartz vein occurs conformable with the foliation at 60°TCA. Unmineralized										
				247.15-252.63 - Several quartz veins (10) up to 5cm compose 2-3% of the interval and are generally conformable with the foliation at 45-60°TCA.										
				Faults										
			60	**192.1-192.14 -** Fault Gouge. 3cm beige to light grey calcitic gouge at 60°TCA (cross-cuts foliation).										
			80-90	**218.87-218.97** - Fault Gouge. Grey fine grained calcitic clay altered gouge with some white calcite 'lenses'. The fault appears to cross-cut foliation at 80-90°TCA. Very soft - mush.										
				219-234.8 - Foliation appears to have been rotated by the fault. The foliation is contorted, commonly subparallel to the core axis (0°TCA) down to 234.8m.										
				245.4 - Sheared? - Strongly foliated, calcitic, at ~50°TCA.										
			65	**246.83** - Sheared? Strongly foliated, calcitic, as described above, at 65°TCA.										
249.80	**261.80**			**Calcitic Wacke**										
			55-70	Light grey carbonatized (calcite) coarser grained gritty wacke with relatively minor fine grained wispy black (argillaceous) bands. 'Bedding' is at 55-70°TCA locally x-bedded. G radational contacts. Generally less strongly pyrrhotite mineralized than above with ≤1% concentrated within the finer grained intervals.										
		257.80	60											
				250.65 - Fault Gouge. Dark grey rubbly calcitic fault gouge within fine grained interval. Oriented ~conformable with the foliation at 60°TCA.										
261.80	**282.93**			**Biotitic Metasediment**	28	262.20	262.60							
		264.40	70	Dark reddy brown fine grained strongly foliated, as described above, at 40-70°TCA. Strongly magnetic, mine ralized with 3-	29	262.60	264.60							
		271.90	71	5% fine graind disseminated and fracture-filling pyrrhotite concentrated along the foliation.										
					30	264.60	265.10							
				Veins	31	267.90	268.20							
		278.60	55	**262.3-262.45** - Quartz Vein. 15cm light grey-white quartz vein at 45-60°TCA. Trace blebby pyrite.	32	268.20	269.80							
			60	**264.7-264.95** - Quartz Vein. Approximately 20cm quartz vein as described above at ~60°TCA. Coarse clotty pyrrhotite is concentrated along the vein margins.	33	269.80	271.50							
			65-80	**265.35** Quartz Vein. 2-3cm anastomozing vein, as described above, subparallel to the foliation at 65-80°TCA. Mine ralized with 1-2% fracture-controlled pyrrhotite.										
			15	**271.5** - 2cm calcite vein at ~15°TCA. Unmineralized.										
				Alteration										
				267.15-271.5 - Bleached Zone. Pale green-grey with red-brown patches or bands. Mineralized with 2-3% fine grained pyrrhotite as described above. Margins of the interval are approximately marked by a quartz vein (from 268.15-271.5m) and a 2cm calcitic band at 271.5m.										
				Approximately **275.3-282.9** - Reddy brown, strongly biotitic with 2-3% patchy green-grey bleaching and ~1% up to 2cm white quartz veins conformable with the foliation. Minor pyrrhotite as described above.										
282.90	**309.97**			**Chloritic Meta sediment**	34	294.73	296.27							
				Green. Fine grained with common light green and white bleached spots, bands and fracture-fillings. Locally calcitic at varable orientations. Weak variably foliated at 20-70°TCA (folded?).	35	296.27	297.78							
				Veins										
				Minor bull white unmineralized quartz veins as described below. Unmineralized.										
			60	**284.85** - 2.5cm white unmineralized quartz vein at 60°TCA.										
				289.05 - 3-6cm white quartz vein (wedge). Minor fracture controlled pyrrhotite.										
			35-70	**295.06-295.6** - Approximately 10cm quartz vein with discordant contacts, upper contact at 70 and lower at 35°TCA. Minor fracture-filling black (pyrite?) mineral.										
			60	**296.2** - 5cm white unmineralized quartz vein at 60°TCA.										
			40	**296.4 -** 6cm white unmineralized quartz vein at 40°TCA.										
			40-50	**297.4-297.68** - Quartz Vein. Interbanded ~50 : 50 quartz vein (as described above) and fine grained chloritic host rock at ~45-60°TCA. Unmineralized.										

				302.05-302.25 - Irregular bull white quartz vein with light grey calcitic fracture-fillings. Unmineralized.									
309.97				**End of Hole**									
				Photos none									

BOXES

1	1.40	8.24	
2	8.24	15.52	
3	15.52	22.25	
4	22.25	29.33	
5	29.33	36.40	
6	36.40	43.25	
7	43.25	50.16	
8	50.16	57.20	
9	57.20	64.06	
10	64.06	71.10	
11	71.10	78.23	
12	78.23	85.34	
13	85.34	92.40	
14	92.40	99.15	
15	99.15	106.00	
16	106.00	112.90	
17	112.90	120.00	
18	120.00	126.94	
19	126.94	134.00	
20	134.00	141.00	
21	141.00	147.90	
22	147.90	154.70	
23	154.70	161.96	
24	161.96	169.25	
25	169.25	176.15	
26	176.15	183.10	
27	183.10	190.23	
28	190.23	196.87	
29	196.87	203.90	
30	203.90	210.90	
31	210.90	217.83	
32	217.83	224.65	
33	224.65	231.70	
34	231.70	238.66	
35	238.66	245.60	
36	245.60	252.67	
37	252.67	259.74	
38	259.74	267.00	
39	267.00	274.00	
40	274.00	281.17	
41	281.17	288.16	
42	288.16	295.25	
43	295.25	302.20	
44	302.20	309.10	
45	309.10	309.97	EOH

JASPER MINING CORPORATION

DRILL LOG: DIAMOND DRILL CORE

HOLE NO.	MC - 07 - 04

CLAIM BLOCK CODE:			
NTS:	082F/10E	**TRIM Map:**	082F057
CLAIM NAME:	MCFARLANE SOUTH(tenure #51		
LOCATION - GRID NAME:			
EASTING:	516437 E	**NORTHING:**	5492510 N
SECTION:		**ELEV:**	1020m
AZIM:	135?°	**LENGTH:**	233.78
DIP:	-45°	**CASING LEFT?:**	Yes
CORE SIZE:		**BQ**	
CORE STORAGE:		Cranbrook	

SURVEY

DEPTH	AZIM	DIP
No tests, water problems		

DRILLING CO:	F.B. Drilling
STARTED:	11-May-07
COMPLETED:	15-May-07
PURPOSE:	To test geophysical targets
CORE RECOVERY:	~85%
LOGGED BY:	Doug Cruji
DATE LOGGED:	
ASSAYED BY:	Acme Analytical
LAB REPORT NOS.:	

Drill Hole MC - 07 - 04

From	To	Core Angle		Description	Sample	From	To	Gold	Silver	Lead	Zinc	Mo	Copper
m	m	m	Deg		Number	m	m	ppb	gms/T	ppm	ppm	ppm	ppm
0.00	**9.14**			**Casing**									
0.00	**22.60**			**Overburden** 11.5-22.6 Boulders, sand and gravel									
22.60	**22.85**			**Meta arkose** Green-grey. Fine grained massive. Rusty clay infilled fracturing (surficial weathering). Indistinct contact with conglomerate below at ~10-15°TCA.									
22.85	**32.66**			**Pebbly Conglomerate** Grey to pale green-grey. Clast supported. Pebbles up to 1cm in size composed of light grey quartz with pale green weakly chloritic(sericitic?) matrix. Massive to weakly foliated at 50°TCA. Trace fine grained fract ure-controlled pyrite. Sharp lower contact at 20°TCA (truncates underlyin g 'bedding') Patchy and fracture-controlled rusty brown limonitization throughout, especially strong from 22.85-28.2m. **Veins** 70-80 **29.7** - 3cm Quartz Vein(s) - Bifurcating therefore irregular orientation (at 70°& 80°TCA). Unmineralized .	01	29.50	30.00						
32.66	**55.93**			**Metasediment (argillite/wacke)** 0-20 Grey. Fine grained strongly foliated at 0-20° TCA, schistose commonly folded / crenulated. 34.20 40 Common minor discontiuous black pyrrhotitic lenses/bands cross-cutting foliation (axial planar?). 54.20 40 **42.0-47.6** - Approximately 5% irregular contorted light grey to white up to 5cm quartz veins and lenses. Unmineralized. **Faults** 37.30 0 33.6 - Approximately 3cm chloritic mush / gouge at ~50°TCA. **45.3-45.5** - Fault Gouge. Grey clay altered weakly calcitic gouge (mush). No orientation is possible. **55.75-55.86** - Fault Gouge. As described above but non-calcitic.									
55.93	**63.80**			**Metasediment (arkose)** Light green-grey. Coarser grained than above, locally granular sandstone appearance. Indistinct grains of up to 5mm light grey quartz fining down section. 20-25 Very weakly bedded / foliated at ~20-25°TCA. **Veins** **55.93-56.1** - Bull white Quartz Vein. Unmineralized. Broken contacts. **57.2-57.4** - Quartz Vein. Broken rubbly white quartz as above from 55.93-56.1m. **63.35-63.8 -** Quartz Vein. Broken rubbly white quartz (60%) as above and host rock.	02	55.93	57.40						
63.80	**110.10**			**Metasediment (argillite/wacke)**	03	63.30	63.90						
		72.00	0	As described above 32.66-55.93m but somewhat darker grey to green more chloritic.	04	74.60	75.80						
		81.00	25	Very strongly foliated / schistose. Contorted highly variable foliation with crenulation cleavage locally well developed most commonly at ~50-60°TCA.									
		94.00	0	Broken rubbly, friable commonly with poor core recovery . Core recovery from 74 to 110.1m 65%.									
		103.00	50	Locally gouge is visible. Likely was much more common but not recovered. Minor bull white unmineralized quartz veins, generally broken rubbly as described below. **82.0-84.4 -** Very strongly sheared to gougey only ~25% core recovery. **Veins** **74.7-75.76** - Quartz Vein. White quartz with 3-5% fracture controlled chlorite + pyrrhotite + pyrite. Broken core and therefore no orientations possible. **80.45-87.5** - Quartz Veined (~38% core recovery). Approximately 20% of the recovered core is composed of quartz vein as described above 74.7-75.76m. Broken rubbly poor core recovery, friable and locally gougey.									

110.10	**115.60**			**Conglomerate** Pale green-grey spotted with light grey to white up to 1cm quartz pebbles. Clast supported in a fine grained light green-grey chloritic matrix. Bedding/foliation at 60-70 ° TCA. Minor wispy partings or bands of fine grained pyrite. ~65% core recovery. ~10% quartz veining (of the recovered core), as described above, white broken rubbly with fracture-filling pyrite (±po). Broken contacts.	05 06 07	110.10 112.32 114.61	112.32 114.61 115.60						
115.60	**189.30**			**Metasediment (argillite/wacke)**	08	146.20	146.91						
		117.00	0	As described above 63.8-110.1m. Green-grey fine grained strongly foliated, crenulated, at highly variable oreintations.	09	168.20	171.20						
		120.00	0	Broken rubbly core as described above, poor core recovery ~69%.									
		138.00	60	**120.6** - 3cm clay gouge. Upper contact at ~70 and lower contact ~0°TCA.	10	186.30	188.20						
		144.00	55	127.41-130.0 Arkose	11	188.20	189.60						
		157.00	10	Somewhat coarser grained sandy to granular section.									
		162.40	0	130.454-130.6 Clay Gouge									
		181.00	40	As described above grey mush.									
		185.00	50	169.83-170.3 Fault Gouge - Sheared heavily fractured, brecciated and clay altered - gouge. Upper contact at 40°TCA and lower contact at 10-15°TCA. Very soft, mushy, friable.									
			10-40	**Veins**									
				130.6-130.75 - Quartz Vein. Broken rubbly quartz as described above.									
			45	**146.4-146.82** - Approximately 50% Quartz Veining (+ calcite). As described above, irregular at ~45°TCA. Minor to 1% pyritic fracture-fillings.									
			50	**168.28-168.4** - Approximately 10cm Quartz Vein. As described above at ~50°TCA. Trace fine grained blebby pyrrhotite.									
			40	**169.3-169.46** - Approximately 11 cm Quartz Vein. Broken irregular contacts. As described above at ~40°TCA.									
			40	**169.66-169.83** - Approximately 12cm Quartz Vein. As described above at ~40°TCA.									
189.30	**189.60**			**Carbonaceous (graphitic) Metasediment - Sheared Zone** Dark grey to locally black variably carbonaceous, locally graphitic, fine grained strongly foliated metasediment as described above. Foliation most commonly at 55°TCA , locally contorted/disrupted and/or friable gougey (sheared). Common irregular thready white calcitic stringers. Mineralized throughout with 3-5% fine grained blebby anhedral pyrrhotite (± pyrite) throughout.									
189.60	**233.78**			**Micaceous Metasediment/schist (arkosic)**									
		191.00	25	Pale green-grey fine grained sericitic spotted with 5-10% medium grained (1-3mm) dark brown subhedral biotite.									
		202.00	30	Finely laminated (light and dark grey) throughout at 0-40°TCA.									
		208.00	40	Non magnetic and unmineralized.									
		217.00	45										
		222.00	25										
		228.00	35										
		233.00	35										
233.78				**End of Hole**									
				Photos none									

BOXES			
1	11.50	23.52	
2	23.52	31.66	
3	31.66	39.05	
4	39.05	47.55	
5	47.55	54.50	
6	54.50	61.40	
7	61.40	68.00	
8	68.00	75.50	
9	75.50	92.10	
10	92.10	101.20	
11	102.10	110.20	
12	110.20	119.50	
13	119.50	129.30	
14	129.30	140.10	
15	140.10	149.96	
16	149.96	159.30	
17	159.30	166.45	
18	166.45	176.00	
19	176.00	183.00	
20	183.00	190.40	
21	190.40	197.60	
22	197.60	204.70	
23	204.70	211.20	
24	211.20	218.15	
25	218.15	225.20	
26	225.20	232.30	
27	232.30	233.78	EOH

JASPER MINING CORPORATION

DRILL LOG: DIAMOND DRILL CORE

HOLE NO.	MC - 07 - 05

CLAIM BLOCK CODE:			
NTS:	082F/10E	**TRIM Map:**	082F057
CLAIM NAME:		BEN DERBY (tenure #513175)	
LOCATION - GRID NAME:			
EASTING:	516903 E	**NORTHING:**	5494792 N
SECTION:		**ELEV:**	1080m
AZIM:	066°	**LENGTH:**	217.63m
DIP:	-45°	**CASING LEFT?:**	No
CORE SIZE:		**BQ**	
CORE STORAGE:		Cranbrook	

SURVEY

DEPTH	AZIM	DIP
34.75	66.16	46.93
80.47	64.06	47.77
126.19	69.18	46.97
171.91	64.64	45.98
217.63	75.00	45.69

DRILLING CO:	F.B. Drilling
STARTED:	16-May-07
COMPLETED:	19-May-07
PURPOSE:	To follow-up
MC-07-06 results	
CORE RECOVERY:	>97%
LOGGED BY:	Doug Cruji
DATE LOGGED:	
ASSAYED BY:	Acme Analytical
LAB REPORT NOS.:	

Drill Hole MC - 07 - 05

From	To	Core Angle		Description	Sample	From	To	Gold	Silver	Lead	Zinc	Mo	Copper
m	m	m	Deg		Number	m	m	ppb	gms/T	ppm	ppm	ppm	ppm
0.00	**3.66**			**Casing**									
0.00	**3.40**			**Overburden**									
3.40	**78.33**			**Chloritic Metasediments (calc-silicate?)**	01	3.40	4.27						
				Green-grey, consisting of green chloritized ±1cm patches and ±1mm spots surrounded by creamy white to light grey variably sericitized (muscovite?) 'matrix' / groundmass.	02	11.90	13.40						
				Moderate to strongly variably foliated most commonly at 0-20°TCA.	03	18.70	19.10						
				Spotty and patchy green chloritization (+ calc-silicate?) throughout. The fine grained spotty 'chloritization' appears to be a separate (later?) phase composing 5-10% of the section.	04	26.20	27.70						
				Patchy silvery sericitization (muscovite?).	05	58.30	58.60						
				Locally clay altered/delithified zones as described below.	06	76.66	78.33						
				Locally pyritic quartz veins or patches as described below.	07	80.40	81.40						
					08	83.52	85.25						
				Alteration	09	85.25	85.55						
				3.4-27.4 - Patchy and fracture controlled limonitization.	10	85.55	87.00						
		15.50	0	**12.73** - approximately 2.5cm bleached rusty clay altered band, similar to above at 4.05-4.1m but without the quartz fragments.	11	92.75	94.25						
					12	94.25	94.65						
				Faults/Fractures	13	94.65	95.65						
				13.65-13.8 - Fault? - Light grey delithified/clay altered ('crush'?) zone. Broken rubbly therefore no orientation is possible.	14	103.78	105.46						
		25.75	45	**24.7-24.8 -** Fault? - As above 13.65-13.8m. ~2-3cm fault gouge, composed of up to 5mm dark green chloritic fragments within light grey clay altered matrix. Subparallel foliation at ~20°TCA.	15	134.00	135.50						
				26.07 - Approximately 3cm light grey delithified clay altered interval with broken contacts.	16	135.50	136.10						
				26.35 Approximately 7cm light grey delithified clay altered interval with broken contacts.	17	136.10	137.62						
		43.30	20	**44.6-46.7** - Broken rubbly and schistose interval. Strongly foliated subparallel to the core axis (TCA)	18	151.50	152.20						
		76.60	30	Broken rubbly with ~76% core recovery. Broken contacts.	19	156.50	157.30						
				~30% quartz veining within the recovered core. Minor fine to medium grained euhedral (cubic) pyrite	20	161.40	161.60						
					21	167.50	167.90						
				Veins	22	171.30	172.80						
				3.53-3.66 - Quartz Vein - ~10cm rusty white quartz. Broken contacts.	23	172.80	173.10						
		4.30	15	**4.05-4.1** - Fault? + quartz vein - Up to 2cm rusty fractured quartz and 5mm chloritic fragments in clay altered matrix. Broken lower contact, upper contact at ~30°TCA. U nmineralized.	24	173.10	174.60						
		7.60	0	**7.26** - 3.5cm white quartz vein at 65°TCA. And patchy a nd fracture-filling rusty limonite. Mineralized with 1-3% medium grained blebby pyrite.	25	181.30	181.70						
				10.4-13.65 - 5-8% patchy white quartz veins/lenses mineralized with minor fine to medium grained blebby pyrite.	26	181.70	182.80						
		22.30	20	**18.8-19.0** - Quartz Vein. Light grey to white quartz with rusty fracture-fillings throughout at ~20°TCA. Mine ralized with up	27	182.80	184.20						
		22.90	40	to 5% coarse grained clotty euhedral pyrite (vuggy).									
				26.4-27.2 - Quartz Vein - As described above, white quartz with patchy and fracture-filling rusty limonite. Minor fracture controlled chlorite. Minor disseminated pyrite. Broken contacts, lower at ~40°TCA.	28	184.20	184.90						
		30.40	20	**27.4** - Approximately 3cm Quartz Vein	29	184.90	186.00						
		34.00	20	Broken irregular vein / lens as described above.	30	186.00	187.50						
		38.00	0	Minor fine to medium grained pyrite.	31	187.50	189.00						
		54.50	10	**58.35-58.5** - Quartz Vein	32	189.00	190.50						
		59.30	15	~12cm white quartz vein mineralized with minor fine grained pyrite concentrated along vein margins.	33	190.50	192.00						
		59.90	0	Discordant contacts, upper at 30°TCA and low er at 50°TCA.	34	192.00	193.50						
		74.00	10	**77.5-78.33** - Quartz Veined Interval	35	193.50	195.00						
					36	195.00	196.50						
78.33	**108.80**			**Conglomerate**	37	196.50	198.00						
				Dark grey with light grey to white pebbles. Gritty sandstone to pebbly conglomerate, with subangular to subrounded pebbles up to 1cm in size. Massive unfoliated. Fractured, commonly broken rubbly. Unmineralized	38	198.00	199.50						
					39	199.50	200.50						

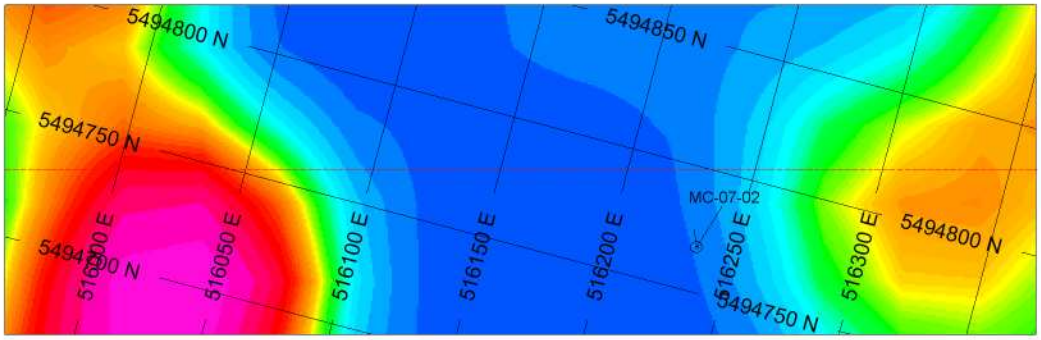
				Veins
			20	**79.05** - Approximately 1.5cm Quartz Vein - Light grey, vague margins, at ~20°TCA. Unmineralized.
			45-50	**80.9** - Approximately 3cm Quartz Vein - White quartz vein at ~45-50°TCA. ~10% chloritic inclusions. ~1% medium grained subhedral pyrite within chloritic inclusions and along fracturing. 1-2% fine to medium grained pyrite within the host rock adjacent to the quartz vein.
				85.4-85.47 - Approximately 5cm Quartz Vein + molybdenite - White quartz vein at ~50°TCA. Mineralized with 1-2% medium to coarse grained subhedral to euhedral pyrite concentrated along vein margin. Minor very fine grained patches and fracture-filling molybdenite within the vein.
			10	**94.25-94.6** - Quartz Vein - Approximately 2cm white quartz vein at ~10°TCA as described above. Mineralized with ±1% clotty subhedral - euhedral pyrite.
				Faults
			45-50	**91.45-95.6** - Fault Zone - Bleached (sericitized?) / Fractured (sheared) Interval. Patchy and fracture-controlled 'waxy' yellow bleached (± sericitized). Fractured to locally insitu - brecciated delithified sandy, sheared at 45-50°TCA.
				103.1-105.46 - Fault Zone - Bleached (clay altered) fractured to brecciated (sheared), at ~0°TCA. As described above 91.45-95.6m but light grey to white bleached and clay altered, heavily fractured / delithified.
				103.78-105.46 - Brecciated, with up to 2.5cm fragments in a sandy matrix. ~83% core recovery.
108.80	**159.20**			**Chloritic Metasediments (calc-silicate?)**
				As described above 3.4-78.33m
				Faults
			0-20	**108.8-145.7** - Sheared Interval - Patchy bleached, delithified, clay altered fault gouge intervals at low core angles - 0-20° TCA. Friable, fractured locally with poor core recovery. No well defined consistent foliation.
				114.76-116.74 - Fault Gouge - Poor core recovery - ~56%.
			40	**143.4-144.15** - Sheared Interval - Bleached pale green sandy and clay altered gougey interval as described above 103.1-105.46m. Strongly foliated at ~40°TCA.
				Dykes / Lithologic changes
				124.8-126.15 - Altered felsic dyke? (sandstone appearance) - White massive medium grained quartz grains with minor white to light grey muscovite. Broken blocky core.
			40	**147.0** - 4.5cm white felsic dyke as described above and below at 40°TCA. Mineralized with 1-2% blebby and fracture-filling pyrite.
			40-45	**151.57-152.12** - Felsite Dyke - Light grey to white fine grained massive. Conformable contacts at 40-45 °TCA. Minor fine grained disseminated molybdenite.
			55-60	**156.54-157.3** - Felsite Dyke - As described above, margins at 55-60°TCA. Minor disseminated, fine grained blebby pyrite. No Mo observed.
				112.0-112.4 - Conglomerate - As described above. Contacts at 25-30°TCA.
				Veins
			60	**135.56-136.0** - Quartz Vein - Approximately 60% quartz banded with chlorite/biotite. Irregular orientation at ~60° TCA. Mineralized with coarse grained clotty pyrite concentrated within chloritic / biotitic bands to 30%.
			10	**136.9-137.25 -** Quartz Veined Interval - Pale green-grey fine to medium grained sericitized band / halo with ~25% patchy, discontinuous, light grey quartz, at 10°TCA. Minor disseminated and fracture-filling pyrite.
				147.9 - Approximately 2cm quartz-calcite-pyrite vein at 35°TCA. Coarse grained subhedral pyrite concentrated along vein margins.
				Alteration
			0	108.8-112.0 Biotitic - Spotty dark brown ≤3mm biotite flakes. Strongly foliated at ~0°TCA.
				146.8-159.2 Patchy dark brown biotitie alteration ± light grey bladey (up to 2X0.3cm) grey crystals(porphyroblasts?).
				Thermal alteration halo to intrusive below?
			60-70	157.3-159.2 Biotite Altered - Salt and pepper appearance - grey spotted with 20% fine grained black biotite. Mineralized with minor fine to medium grained pyrite. Strongly foliated (schistose) at 60-70°TCA.
159.20	**217.63**			**Felsic Intrusive - Granite**
				Light grey locally patchy pink. Medium grained massive equigranular quartz-feldspar-10% black biotite. Rare phenocryst observed. Minor fine grained disseminated and fracture-controlled pyrite.
				159.2-159.56 - Contaminated contact - Patchy grey and pale green fined grained contact zone.
				159.35-159.42 - Pyritic Band - Patchy medium grained subhedral pyrite comprises ~30% of the band.

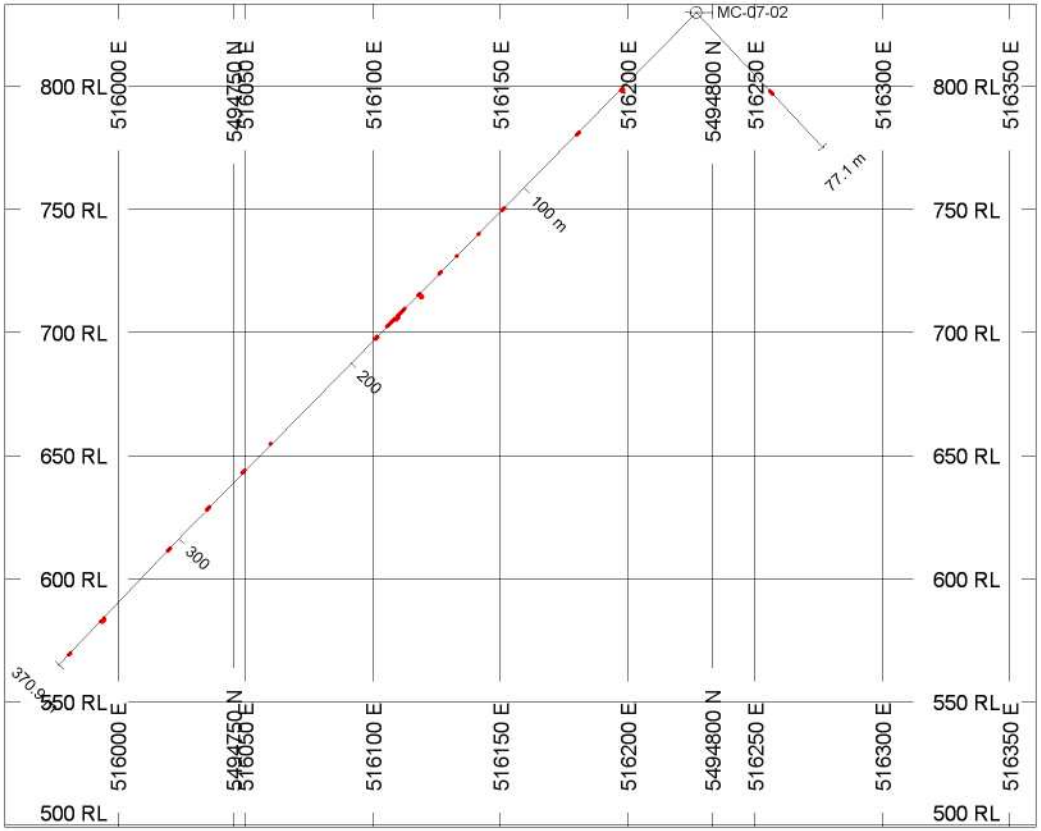
40	200.50	201.50
41	201.50	202.50
42	202.50	203.50
43	203.50	204.50
44	204.50	205.60
45	205.60	207.10
46	207.10	208.80
47	208.80	210.30
48	210.30	211.80
49	211.80	213.30
50	213.30	214.80
51	214.80	216.30
52	216.30	217.63

Veins

			30	**161.5** - 4cm Quartz Vein - White vein mineralized with ~10% medium to coarse grained, subhedral pyrite along bands paralleling the vein margins at 30°TCA.										
			15	**167.5-167.8** - ≤ 1cm Quartz-calcite-pyrite-molybdenite Vein - Heavily fractured, friable veinlet at 15°TCA.										
			20	**172.9** - 2cm Quartz-molybdenite-pyrite Veinlet - At 20° TCA. Grey quartz mineralized with 1-3% grey molybdenite concentrated along the margins and as mm bands parallel to the margins.										
			40-50	**173.7-216.63** - Potassic(?) Veined (dykes?) and grey sericitic veined (banded) - Fine grained salmon pink dykes or veinlets comprise ~5% of the section. Up to 15cm in size but generally ≤3cm and most commonly at 40-50°TCA. Mineralized with minor medium to coarse grained subhedral pyrite and rarely with molydbenite.										
			20	Grey serictic / pyritic bands at ~20°TCA compris e 1-2% of the interval and locally form margins to quartz veinlets.										
			20-30	**181.6** - 3cm Quartz veinlet - Grey veinlet at 20-30°TCA. Mineralized with minor fine grained disseminated molybdenite. ~3cm grey sericitic margins as described above grey bands.										
			30-35	**184.3-184.6** - Quartz Vein - Light grey to white mineralized with 1-3% coarse grained clotty pyrite and minor fracture-controlled molybdenite. Vein at ~30-35°TCA.										
			30	**185.2-185.9 -** Quartz Vein - White vein at ~30°TCA as described a bove with minor medium grained pyrite and trace very fine grained molybdenite. ~10cm upper and 15cm lower grey sericitized margins, as described above.										
			35	**187.7** - 1mm speck of molybdenite was observed adjacent to a ≤1mm pyritic fracture at 35°TCA.										
			20	**201.6-203.45** - Quartz-molybdenite-Pyrite-Sericite Vein - White quartz vein subparallel to the core axis at 0-20°T CA. Coarse grained sericitic inclusions and margins associated with coarse grained molybdenite and pyrite. Overall ~2-3% to locally 5% total visible sulphides (~50 : 50, mo : py).										
			20	**204.0-205.57 -** Quartz-molybdenite-Pyrite-Sericite Vein - As described above 201.6-203.45m - same vein?										
			20	**207.15-208.7** - Quartz-molybdenite-Pyrite-Sericite Vein - As described above 201.6-203.45m and 204.0-205.57m - same vein?										
			55	**213.75** - 3cm pink 'potassic' altered band / veinlet with a 2-3mm grey siliceous fracture / veinlet at the core, mineralized with fine grained molybdenite and minor pyrite. As described above 173.7-216.63, at 55°TCA.										
				Faults										
				217.2-217.63 - Fault Gouge - Banded bleached light grey heavily fractured felsic intrusive / light grey clay altered and dark grey pyritic calcitic fault gouge. Strongly foliated at 20-35°TCA.										
				Friable broken rubbly core.										
217.63				**End of Hole**										
				Photos none										

BOXES			
1	3.40	10.05	
2	10.05	17.00	
3	17.00	23.70	
4	23.70	32.16	
5	32.16	38.80	
6	38.80	46.00	
7	46.00	53.30	
8	53.30	60.57	
9	60.57	68.40	
10	68.40	75.62	
11	75.62	83.00	
12	83.00	90.10	
13	90.10	97.60	
14	97.60	105.46	
15	105.46	111.70	
16	111.70	120.45	
17	120.45	128.30	
18	128.30	135.85	
19	135.85	142.85	
20	142.85	150.60	
21	150.60	157.77	
22	157.77	164.76	
23	164.72	171.80	
24	171.80	178.80	
25	178.80	185.85	
26	185.85	193.00	
27	193.00	200.16	
28	200.16	207.15	
29	207.15	214.40	
30	214.40	217.63	EOH





BAR GRAPHS	L/R	COL
Mo (ppm)	R	

SECTION SPECS:

REF. PT. E, N	516158 m	5494780 m
EXTENTS	418.7 m	334.4 m
SECTION TOP, BOT	833.4 m	499 m
TOLERANCE +/-	141 m	

SCALE 1 : 3070

(m)

-40 0 40 80 120

*unknown

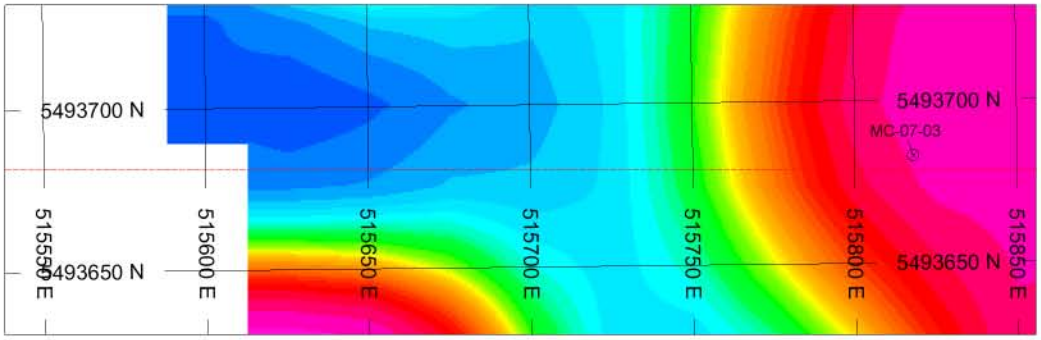
AZIMUTH = 75.1°

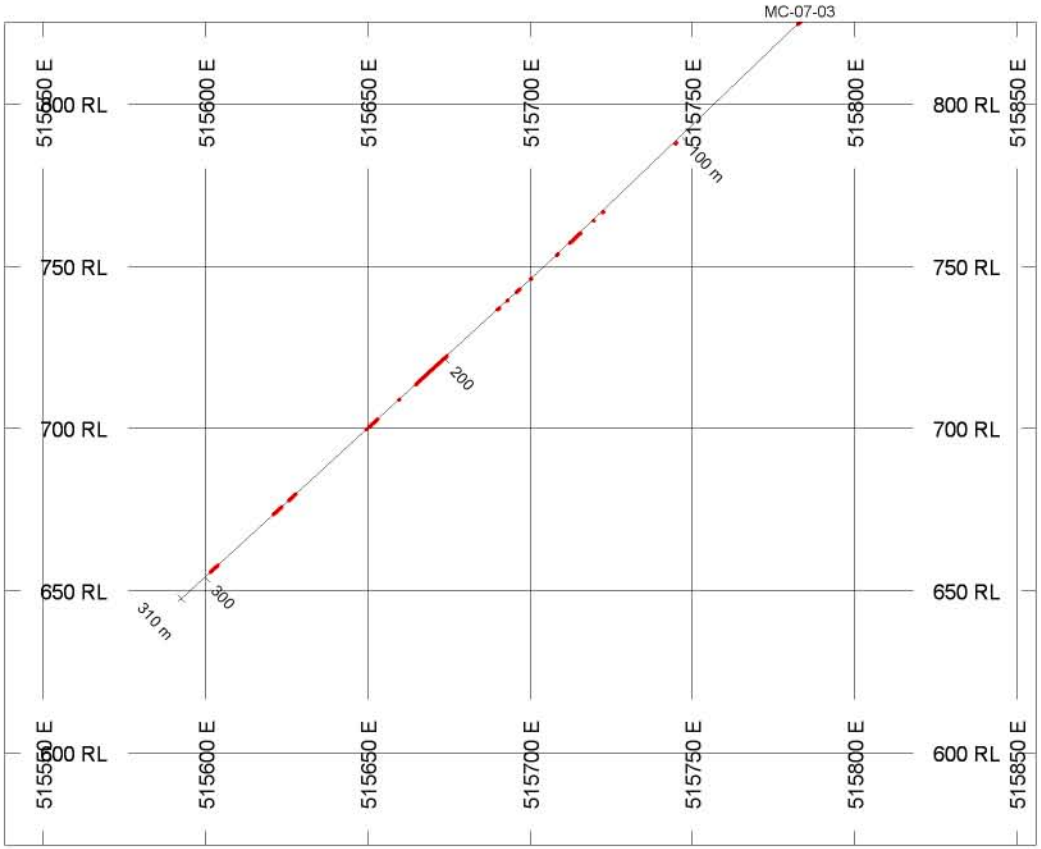
N W E S

JASPER MINING CORPORATION

McFARLANE

MF-07-01 AND 02





BAR GRAPHS	L/R	COL
Mo (ppm)	R	

SECTION SPECS:

REF. PT. E, N	515697 m	5493680 m
EXTENTS	317.8 m	253.8 m
SECTION TOP, BOT	825.4 m	571.6 m
TOLERANCE +/-	51.5 m	

SCALE 1 : 2330

(m)

-20 0 20 40 60 80 100

*unknown

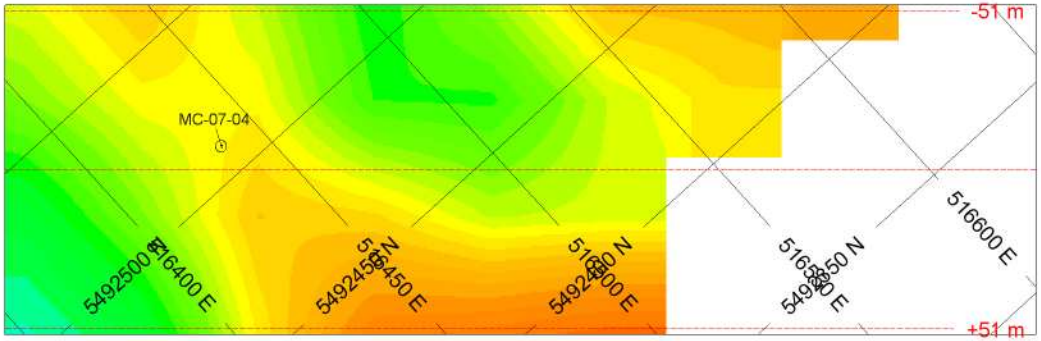
AZIMUTH = 90.7°

N W E S

JASPER MINING CORPORATION

McFARLANE

MF-07-03



BAR GRAPHS	L/R	COL
Mo (ppm)	R	

SECTION SPECS:

REF. PT. E, N	516503 m	5492440 m
EXTENTS	330.1 m	263.6 m
SECTION TOP, BOT	1046 m	782.8 m
TOLERANCE +/-	51 m	

SCALE 1 : 2420

(m)

-20 0 20 40 60 80 100

*unknown

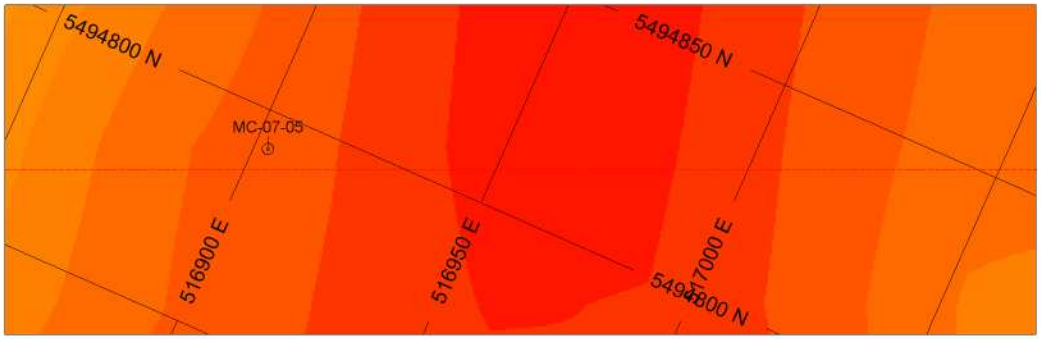
AZIMUTH = 132.2°

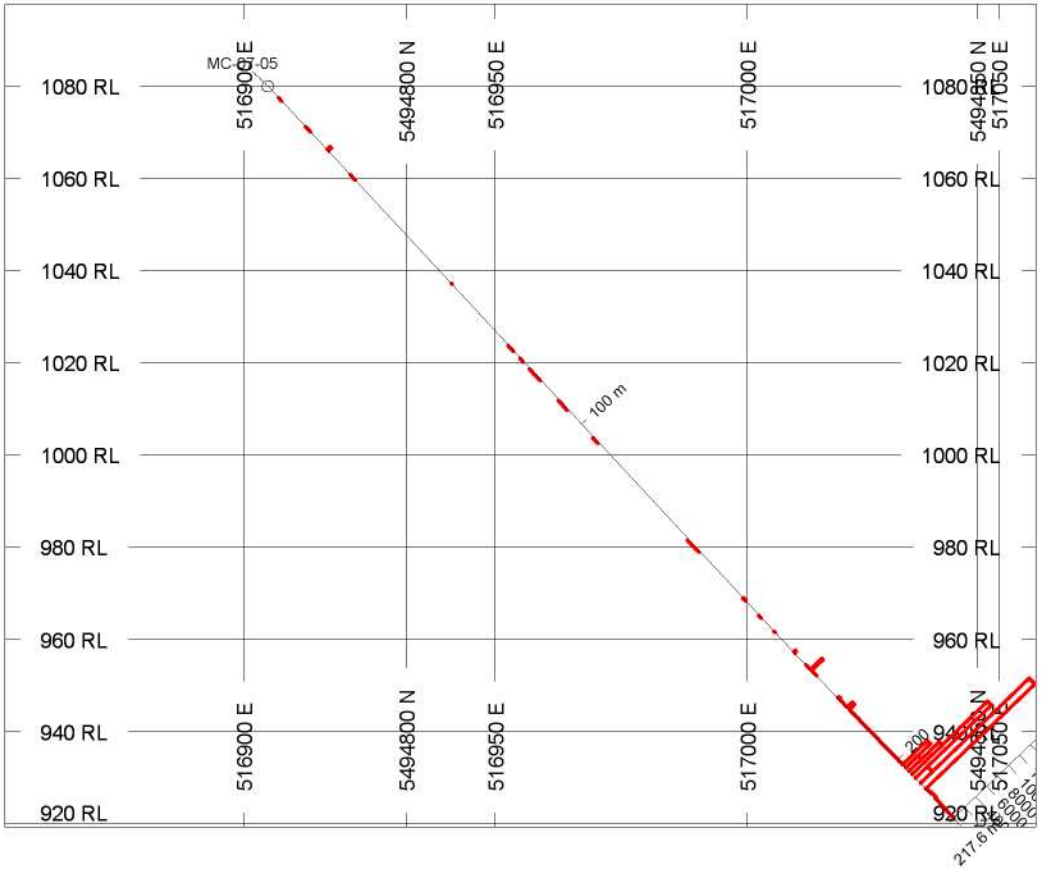
N W E S

JASPER MINING CORPORATION

McFARLANE

MF-07-04





BAR GRAPHS	L/R	COL
Mo (ppm)	R	

SECTION SPECS:

REF. PT. E, N	516955 m	5494810 m
EXTENTS	223.7 m	178.6 m
SECTION TOP, BOT	1098 m	919.2 m
TOLERANCE +/-	51 m	

SCALE 1 : 1640

(m)

-20 0 20 40 60

*unknown

AZIMUTH = 66.2°

N W E S

JASPER MINING CORPORATION

McFARLANE

MF-07-05

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A703408 Received: MAY 31 2007 * 26 samples in this disk file.
Analysis: GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	kg
G-1	0.6	2.4	3	48	<.1	4	4.4	535	1.94	0.8	2.4	1.9	4.2	53	<.1	<.1	<.1	37	0.56	0.072	10	10	0.64	203	0.128	1	1.02	0.068	0.5	0.1	<.01	2	0.4	<.05	5	<.5	<1	<1	1.4	-
MC-07-02-01	241.1	8.7	16.5	30	0.3	0.5	1.1	113	1.71	<.5	9.4	3.4	5.9	16	<.1	<.1	2.9	4	0.53	0.027	16	4	0.08	18	0.011	1	0.47	0.032	0.19	0.5	<.01	0.5	0.1	1.54	3	<.5	<1	<1	2.7	1.1
MC-07-02-02	1.6	9.2	5.8	43	<.1	1	1.8	171	0.98	<.5	7.1	0.8	7.5	62	0.1	<.1	0.1	8	0.62	0.036	26	6	0.15	81	0.045	1	0.5	0.042	0.28	0.3	<.01	0.7	0.1	0.35	3	<.5	<1	1	0.6	3.2
MC-07-02-03	2.4	2.2	6.7	53	<.1	0.8	1.9	201	1.29	0.5	6.3	1.1	9.5	107	<.1	<.1	<.1	14	1.09	0.064	42	4	0.35	78	0.102	<1	0.89	0.044	0.23	0.2	<.01	0.8	0.1	<.05	5	<.5	<1	1	1	0.9
MC-07-02-04	2.6	8.3	7.4	41	<.1	0.6	1.9	177	0.94	<.5	6.5	1.1	6.4	68	<.1	<.1	0.1	8	0.5	0.038	23	6	0.2	88	0.064	1	0.61	0.049	0.3	0.2	<.01	0.6	0.2	0.17	3	<.5	<1	1	1.6	0.5
MC-07-02-05	6.6	2.4	9.7	58	<.1	0.3	1.8	209	1.05	<.5	4.8	1.2	9.5	242	<.1	<.1	0.1	11	1.14	0.067	39	4	0.22	42	0.107	1	1.05	0.029	0.26	0.6	<.01	1.1	0.1	0.16	6	<.5	<1	1	1.1	2.1
MC-07-02-06	553.2	15.9	9.6	31	<.1	<.1	1.3	202	0.75	<.5	6.7	0.8	10.6	56	0.3	<.1	0.3	7	1.64	0.065	57	6	0.09	91	0.008	2	0.8	0.025	0.34	0.3	<.01	0.6	0.2	0.28	5	<.5	<1	1	0.7	1.2
MC-07-02-07	2.1	51.5	9.8	32	0.3	<.1	1.2	294	0.69	0.6	6.6	0.5	10.7	91	0.5	<.1	3.4	3	2.35	0.065	60	3	0.09	70	0.005	1	0.64	0.017	0.31	0.5	<.01	0.5	0.1	0.28	3	<.5	<1	<1	0.9	1
MC-07-02-08	7.5	23.9	5.7	37	<.1	0.3	1.7	218	1.01	0.5	6.5	1.1	10.3	73	0.2	<.1	2.5	8	1.38	0.063	51	6	0.14	198	0.014	3	0.77	0.03	0.29	0.4	<.01	0.8	0.1	0.24	4	<.5	<1	1	0.6	2.3
MC-07-02-09	7.1	8	3.3	26	<.1	0.2	1.1	127	0.76	<.5	9.5	<.5	10.3	32	0.1	<.1	0.3	3	0.99	0.039	33	6	0.07	126	0.005	1	0.54	0.032	0.24	2.2	<.01	0.6	0.1	0.21	3	<.5	<1	<1	3.6	2.5
MC-07-02-10	13.3	2.1	0.8	2	<.1	0.7	0.4	45	0.55	0.5	0.2	0.8	0.3	9	<.1	<.1	0.3	<1	0.45	0.001	1	12	0.01	21	0.002	2	0.16	0.011	0.09	0.4	<.01	0.1	<.1	0.26	1	<.5	<1	<1	0.7	1.1
MC-07-02-11	23.6	48	141	50	0.5	0.4	1.7	215	1.23	<.5	6.9	0.6	10.3	76	0.1	<.1	200	9	1.28	0.059	48	4	0.22	133	0.042	2	0.93	0.029	0.31	0.4	<.01	0.8	0.1	0.27	5	<.5	1	1	0.7	2
MC-07-02-12	278.7	7.3	4.2	48	<.1	0.8	1.5	168	0.82	0.5	11	0.8	9.9	50	0.2	<.1	0.6	9	0.73	0.044	31	6	0.16	69	0.039	2	0.61	0.034	0.33	0.3	<.01	0.7	0.2	0.18	4	<.5	<1	1	2	2.2
MC-07-02-13	1.1	3.4	3.8	58	<.1	0.6	2	230	1.38	<.5	5.4	1	9.1	82	<.1	<.1	0.8	18	0.65	0.063	38	5	0.35	186	0.097	1	0.87	0.064	0.47	0.2	<.01	1.1	0.3	0.06	5	<.5	<1	1	0.7	2.9
MC-07-02-14	2.3	9.5	5.3	59	<.1	0.6	2.1	238	1.43	<.5	4.4	1	9	102	<.1	<.1	0.1	19	0.76	0.063	37	7	0.37	145	0.11	1	0.91	0.061	0.36	0.3	<.01	1	0.2	<.05	6	<.5	<1	1	0.7	3.1
MC-07-02-15	4.8	2.9	4.4	50	<.1	0.7	1.8	182	1.14	<.5	5.8	<.5	8.2	90	<.1	<.1	0.1	16	0.65	0.062	34	8	0.29	150	0.099	1	0.74	0.051	0.41	1.4	<.01	0.8	0.3	0.09	4	<.5	<1	1	0.7	3.4
MC-07-02-16	139.1	4	4.6	35	<.1	<.1	1.8	341	1.08	<.5	7.1	1.4	10.4	157	<.1	<.1	0.5	11	1.77	0.082	49	4	0.18	107	0.044	2	0.76	0.029	0.38	9.9	<.01	0.7	0.2	0.6	5	<.5	<1	1	0.8	1.6
MC-07-02-17	0.3	1.8	5.4	61	<.1	0.6	1.8	233	1.3	<.5	3	0.8	7.9	92	<.1	<.1	8	17	0.77	0.062	35	5	0.36	130	0.101	1	0.85	0.052	0.35	0.2	<.01	1	0.2	0.07	5	<.5	<1	1	0.7	1.7
MC-07-02-18	3	1.6	5	84	<.1	0.5	2.1	316	1.61	<.5	1.2	1.1	9.2	136	<.1	<.1	0.1	22	0.98	0.089	43	6	0.48	112	0.126	2	1.11	0.052	0.31	0.4	<.01	1.4	0.2	<.05	6	<.5	<1	1	0.8	2.9
MC-07-02-19	1.1	4.3	7.2	54	<.1	0.6	1.6	202	1.01	<.5	5.1	0.7	8.6	112	<.1	<.1	0.9	14	0.89	0.061	40	7	0.27	93	0.083	1	0.77	0.045	0.31	1.6	<.01	0.9	0.2	0.15	4	<.5	<1	1	0.8	3.4
MC-07-02-20	0.8	1.2	4.3	67	<.1	0.9	1.8	221	1.29	<.5	1.7	1	8.6	98	<.1	<.1	2.5	19	0.5	0.067	34	6	0.37	185	0.109	<1	0.9	0.079	0.52	0.5	<.01	1.1	0.4	<.05	5	<.5	<1	1	0.7	3.1
MC-07-02-21	196	4.4	5.7	51	<.1	0.3	1.3	219	1.05	<.5	1.3	1.3	5.7	75	0.1	<.1	1.9	11	0.91	0.066	31	6	0.19	62	0.057	2	0.7	0.044	0.3	0.3	<.01	0.9	0.2	0.32	4	<.5	<1	1	0.5	3.6
MC-07-02-22	1.3	4	5.8	182	<.1	1.4	5.3	535	3.56	<.5	7.7	1.8	11.8	62	<.1	<.1	0.2	43	1.36	0.264	56	7	0.9	444	0.08	1	1.6	0.038	0.27	0.1	<.01	2.8	0.1	<.05	13	<.5	<1	1	1.2	2.5
RE MC-07-02-22	1.2	4	5.8	180	<.1	1.3	5.1	542	3.55	<.5	7.6	0.8	11.3	59	<.1	<.1	0.2	44	1.37	0.273	54	7	0.89	439	0.08	1	1.54	0.037	0.27	0.2	<.01	2.6	0.1	<.05	12	<.5	<1	1	0.9	-
RE MC-07-02-2	1.6	4.2	5.6	178	<.1	1	4.9	541	3.57	<.5	11.3	0.8	11.1	58	<.1	<.1	0.1	43	1.36	0.28	52	5	0.91	437	0.082	<1	1.59	0.031	0.25	0.2	<.01	2.6	0.1	<.05	12	0.9	<1	1	1.1	-
MC-07-02-23	1.3	2	6.6	55	<.1	0.4	2	225	1.31	<.5	6.3	<.5	8.7	110	<.1	<.1	2.1	16	0.87	0.068	37	7	0.34	87	0.089	1	0.82	0.048	0.28	0.3	<.01	0.9	0.1	0.12	5	<.5	<1	1	0.8	2.8
STANDARD DS	21	111.1	76.2	417	0.9	58.6	9.9	632	2.46	47.3	5.3	71.1	5.1	75	6	6.2	4.7	88	1.02	0.077	18	231	1.07	373	0.131	38	1.06	0.103	0.43	4.1	0.21	2.7	4.3	0.22	5	4.2	2	4	5.7	-

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A703409 Received: MAY 31 2007 * 14 samples in this disk file.
Analysis: GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	kg
G-1	0.2	2.3	2.7	48	<.1	3.4	4.2	578	2.01	0.7	2.2	1.4	4	54	<.1	<.1	0.1	37	0.53	0.075	9	8	0.59	214	0.139	1	0.95	0.068	0.51	0.1	<.01	2.1	0.4	<.05	5	<.5	<1	<1	1.2	-
MC-07-04-01	0.7	9.9	8.9	27	<.1	14.8	5.8	644	1.61	2.9	0.9	26.2	7.8	14	<.1	<.1	0.1	5	0.79	0.017	18	17	0.38	41	0.002	1	0.59	0.028	0.1	0.1	<.01	1	<.1	<.05	2	<.5	<1	<1	0.3	0.67
MC-07-04-02	0.1	10.4	3.8	24	<.1	17.3	7.3	642	1.82	3.9	0.5	1.9	5.5	17	0.1	<.1	0.1	5	1.1	0.004	10	19	0.6	15	0.001	<1	0.54	0.014	0.07	<.1	<.01	1.1	<.1	0.08	2	<.5	<1	<1	0.3	0.61
MC-07-04-03	1.1	42.3	11.2	69	<.1	47	18.2	914	3.71	1.2	1.6	2.3	8.6	43	0.1	<.1	0.4	13	2.05	0.029	14	36	1.2	41	0.002	1	1.68	0.018	0.14	0.2	<.01	2.6	<.1	0.28	5	<.5	<1	<1	0.6	0.65
RE MC-07-04-03	0.9	42.4	11.2	66	<.1	46.2	17.5	912	3.73	0.5	1.5	3.9	8.2	43	0.1	<.1	0.3	13	2.05	0.028	14	36	1.2	39	0.001	1	1.7	0.019	0.14	0.2	<.01	2.5	<.1	0.27	5	<.5	<1	<1	0.7	-
RRE MC-07-04-03	0.2	42.9	12.2	76	<.1	45.8	16.8	936	3.75	0.9	1.5	1.1	8.2	43	0.1	0.1	0.4	13	2.14	0.029	13	31	1.22	40	0.001	1	1.64	0.016	0.12	0.2	<.01	2.2	<.1	0.3	5	<.5	<1	<1	0.4	-
MC-07-04-04	1.2	116.5	3.9	15	<.1	24.4	13.8	1725	3.45	1	0.7	2.4	2.2	40	<.1	0.1	2.1	3	1.54	0.01	4	14	1.01	14	0.001	2	0.53	0.013	0.07	0.2	<.01	2	<.1	1.57	2	<.5	<1	<1	0.6	0.9
MC-07-04-05	0.2	13.6	14.3	32	<.1	20.4	8.3	555	2.15	6.6	1	1.1	7.2	21	0.1	<.1	0.2	7	1.08	0.033	12	17	0.69	21	0.001	<1	0.77	0.021	0.09	0.1	<.01	1.6	<.1	0.13	2	<.5	<1	<1	0.4	2.41
MC-07-04-06	0.9	20.9	8.8	34	<.1	14.7	6.8	716	2.35	1.4	1.9	0.6	7.1	21	<.1	<.1	0.3	7	1.05	0.038	10	20	0.69	15	0.001	<1	0.88	0.02	0.08	0.1	<.01	1.6	<.1	0.26	3	<.5	<1	<1	0.5	1.96
MC-07-04-07	0.3	16.1	5.5	27	<.1	16.1	6.9	484	2	4.5	1	1.4	7.2	16	<.1	<.1	0.2	6	0.7	0.033	12	16	0.57	19	0.001	1	0.77	0.021	0.1	0.1	<.01	1.4	<.1	0.22	2	<.5	<1	<1	0.3	1.49
MC-07-04-08	1.5	32.8	8.7	76	<.1	47	18.1	1384	4.8	8.8	2.3	<.5	10.6	62	0.1	0.1	0.3	14	1.74	0.055	12	31	1.61	25	0.002	2	2.26	0.031	0.14	0.2	<.01	3.5	0.1	0.89	6	<.5	<1	<1	0.6	1.26
MC-07-04-09	0.9	44.1	6	60	<.1	38.6	14.8	1218	3.45	2.4	1.8	1.8	9.6	69	0.1	<.1	0.6	13	1.96	0.044	29	34	1.17	17	0.002	<1	1.87	0.023	0.11	0.1	<.01	2.2	<.1	0.14	5	<.5	<1	<1	0.5	3.18
MC-07-04-10	2	48.5	11.3	55	<.1	52.5	19.3	266	3.77	1.3	2.1	<.5	9.5	57	<.1	<.1	0.7	14	1.34	0.028	21	31	1.41	28	0.001	1	1.77	0.031	0.16	0.1	<.01	1.7	0.1	1.58	5	1	<1	<1	0.2	2.22
MC-07-04-11	1.6	46	9.1	65	<.1	56.2	18.1	314	3.98	3.4	2.2	1	10.9	56	0.1	0.1	0.5	14	1.15	0.026	26	32	1.44	25	0.001	1	1.83	0.022	0.17	0.1	<.01	1.7	0.1	1.46	5	0.7	<1	<1	0.2	2.23
STANDARD DS7	20.5	107.6	72.7	405	0.9	58.3	9.7	631	2.41	47.6	5.1	73	4.8	77	6.2	5.9	4.6	86	0.95	0.081	15	212	1.06	373	0.129	42	0.98	0.09	0.43	4	0.2	2.6	4.3	0.21	5	4	1	5	5.7	-

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A703410 Page 1 Received: MAY 31 2007 * 58 samples in this disk file.
Analysis: GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	kg
G-1	0.2	1.8	5.1	63	<.1	7.9	4.9	555	2.02	<.5	2.4	4.4	4.1	57	<.1	<.1	0.1	39	0.54	0.082	9	12	0.65	229	0.131	1	1	0.071	0.57	0.1	<.01	2.2	0.4	0.06	5	<.5	<1	1	1.3	-
MC-07-05-01	8.1	34.9	8.4	70	<.1	34.2	10.5	368	3.61	0.5	2	1.1	13.6	7	<.1	<.1	1.4	19	0.07	0.057	36	34	1.02	23	0.004	1	1.85	0.013	0.16	0.3	0.01	2.3	0.1	0.07	6	0.8	<1	<1	0.9	1.3
MC-07-05-02	10.2	41.9	1.7	89	<.1	37.3	12.9	592	4.1	0.5	2.7	0.8	17.5	7	0.1	<.1	0.1	24	0.09	0.079	49	34	1.32	23	0.005	1	2.25	0.013	0.15	0.2	<.01	2.7	0.1	0.3	8	0.6	<1	<1	0.4	2.1
MC-07-05-03	594.4	37.7	3.6	53	0.2	32.1	12.2	207	6.49	1.3	2.1	1.9	9.1	4	<.1	<.1	1.2	20	0.03	0.057	18	23	0.71	23	0.011	1	1.27	0.011	0.26	0.5	<.01	1.4	0.2	4.42	6	0.7	<1	1	0.8	1.1
MC-07-05-04	9.5	49.4	2.9	30	<.1	30.9	9	35	0.78	0.7	1.4	0.8	6.1	4	0.5	<.1	0.6	5	0.03	0.02	17	11	0.1	19	0.001	1	0.39	0.008	0.13	0.4	<.01	0.9	0.3	0.33	1	<.5	<1	<1	0.6	1.6
MC-07-05-05	26.4	15.6	7.2	86	<.1	37.8	17	347	3.13	0.5	1.7	1.7	10.3	7	<.1	<.1	0.4	23	0.12	0.047	19	29	0.72	76	0.067	4	1.3	0.018	0.95	1.8	<.01	2.1	1.7	1.22	6	<.5	<1	1	1	0.9
MC-07-05-06	2.1	64.9	11.3	57	<.1	38.1	10.8	704	3.04	0.7	1.6	3.2	9.4	4	<.1	<.1	80.8	15	0.1	0.032	14	23	0.71	34	0.033	2	1.15	0.012	0.33	0.8	<.01	1.4	0.4	0.67	3	<.5	<1	<1	0.5	1.5
MC-07-05-07	2.6	38.4	4.5	93	<.1	31.3	11.5	396	1.92	<.5	1.1	1.7	9.7	10	<.1	<.1	5.8	21	0.26	0.019	13	32	0.59	30	0.064	2	1.02	0.063	0.22	31.1	<.01	1.9	0.3	0.61	3	<.5	<1	1	0.8	1.7
RE MC-07-05-07	2.7	36.8	4.2	96	<.1	30.6	10.9	404	1.98	<.5	1	1	9.1	9	<.1	<.1	5.8	20	0.25	0.019	12	31	0.6	28	0.06	2	1.04	0.058	0.21	30.7	<.01	1.7	0.3	0.62	3	<.5	<1	1	0.9	-
RRE MC-07-05-07	2.2	35.6	3.8	88	<.1	30.9	11	393	1.92	<.5	1	<.5	9.1	9	<.1	<.1	6.7	21	0.25	0.019	13	31	0.59	28	0.06	2	1.02	0.055	0.21	24.2	<.01	1.7	0.3	0.61	3	<.5	<1	1	0.5	-
MC-07-05-08	1.5	23.8	6.8	72	<.1	29.4	10.7	550	2.68	<.5	1.5	1.5	10.7	8	<.1	<.1	1.7	33	0.12	0.026	17	49	0.66	59	0.068	2	1.22	0.055	0.5	0.6	<.01	3	0.7	0.41	5	<.5	<1	1	0.9	1.9
MC-07-05-09	26.2	40.6	10.1	74	0.3	25.9	11.5	774	3.57	0.5	1	<.5	7	4	0.1	<.1	1.8	16	0.09	0.02	13	25	0.36	44	0.047	3	0.7	0.014	0.48	0.8	<.01	1.3	0.7	2.18	3	0.6	<1	<1	0.5	0.7
MC-07-05-10	3.8	22.9	5.5	100	<.1	18.5	6.6	663	2.41	<.5	1.3	<.5	10.1	9	0.2	<.1	1.8	20	0.15	0.017	19	30	0.47	50	0.038	3	0.93	0.03	0.39	0.7	<.01	2.4	0.8	0.37	3	<.5	<1	1	1.1	2.2
MC-07-05-11	19.1	33.3	11.8	58	0.2	16.9	11.5	477	2.68	<.5	10.7	2.7	7.1	29	0.3	<.1	1.3	10	0.83	0.015	9	17	0.54	21	0.013	2	0.38	0.032	0.25	2.1	<.01	1.9	0.3	2.14	2	0.5	<1	<1	0.5	0.6
MC-07-05-12	0.7	16.3	5.2	51	<.1	25.7	9	441	2.2	<.5	1.3	<.5	10.1	15	<.1	<.1	0.1	13	0.29	0.024	19	21	0.49	46	0.033	1	0.73	0.019	0.43	0.3	<.01	1.2	0.5	0.13	2	<.5	<1	<1	0.8	1.9
MC-07-05-13	0.6	28.2	3.4	107	<.1	27.8	10.4	518	2.18	<.5	1.5	1.1	15.8	8	<.1	<.1	2.4	31	0.25	0.023	20	49	0.63	52	0.101	2	1.09	0.046	0.31	0.6	<.01	2.1	0.4	0.42	4	<.5	<1	<1	0.6	3.8
MC-07-05-14	29.2	31.3	3.7	33	<.1	27.8	9.7	308	2.03	<.5	1.7	<.5	8.3	16	<.1	<.1	0.3	10	0.43	0.032	13	13	0.41	41	0.014	2	0.64	0.015	0.41	0.5	<.01	1.1	0.4	0.7	2	<.5	<1	<1	0.7	1.3
MC-07-05-15	1.6	33.4	3.3	97	<.1	79	22.4	846	4.41	<.5	2.5	1.2	14.3	4	<.1	<.1	0.3	24	0.16	0.067	29	41	1.53	38	0.032	1	2.32	0.012	0.3	0.4	<.01	2.2	0.3	0.49	6	<.5	<1	<1	0.2	2.3
MC-07-05-16	29.9	134.6	5.6	190	0.1	59.3	54.1	1090	8.51	<.5	1.5	<.5	7.7	8	0.1	<.1	1	35	0.31	0.101	19	41	1.96	49	0.113	1	2.45	0.023	2.01	5.1	<.01	5.1	2.8	4.72	11	0.7	<1	2	0.7	1.5
MC-07-05-17	13.9	23.5	4.2	91	<.1	56.5	18	670	3.74	<.5	3	0.7	11.2	12	<.1	<.1	0.2	32	0.32	0.058	25	44	1.2	103	0.105	2	1.99	0.026	1.09	1.2	<.01	2.8	1.3	0.48	6	0.5	<1	1	0.9	3.3
MC-07-05-18	167.8	7.5	7.9	34	<.1	17	5.3	205	1.39	<.5	15.6	1.3	9.8	28	<.1	<.1	0.3	13	0.45	0.021	13	17	0.37	59	0.061	2	0.85	0.047	0.61	1	<.01	1.2	0.8	0.24	3	<.5	<1	<1	3.1	1.6
MC-07-05-19	1.3	5.7	18.2	16	0.4	4	1.8	163	0.51	<.5	9.7	<.5	7.6	40	0.1	<.1	1	8	0.57	0.008	6	6	0.09	18	0.014	1	0.29	0.042	0.2	4.9	<.01	0.6	0.1	0.23	2	<.5	<1	<1	3.9	1.8
MC-07-05-20	47.5	4	9.6	18	0.2	1.7	1.2	125	1.26	<.5	5.5	0.9	4.8	35	<.1	<.1	1.9	5	0.63	0.027	12	3	0.09	48	0.016	1	0.32	0.023	0.2	0.2	<.01	0.6	0.1	0.98	2	<.5	<1	<1	1.3	0.6
MC-07-05-21	305.3	13	39.4	17	0.9	1	4.4	182	2.24	0.7	8	4.2	14.3	58	<.1	<.1	15.8	3	1.43	0.042	41	3	0.04	26	0.003	1	0.35	0.013	0.23	0.7	<.01	0.5	0.3	2.36	3	<.5	<1	1	1.2	1.1
MC-07-05-22	8.7	5.3	4.5	27	<.1	0.6	1.4	215	0.94	<.5	11.3	<.5	8.9	61	<.1	<.1	0.1	6	1.18	0.04	31	4	0.11	95	0.005	2	0.39	0.034	0.18	0.9	<.01	0.8	0.1	0.31	3	<.5	<1	<1	1.4	2.7
MC-07-05-23	>2000	13.9	6.9	22	<.1	0.7	1.7	154	0.94	<.5	9.3	<.5	6.6	45	<.1	<.1	0.7	4	0.79	0.029	24	5	0.08	69	0.004	2	0.34	0.028	0.15	0.8	<.01	0.6	0.1	0.65	2	<.5	<1	<1	0.9	0.8
MC-07-05-24	24.7	9.6	7.9	30	<.1	0.5	1.5	145	0.86	<.5	11.7	0.8	7.6	45	<.1	<.1	0.1	7	0.56	0.031	20	4	0.15	57	0.03	2	0.43	0.039	0.17	4.1	<.01	0.8	0.1	0.22	3	<.5	<1	1	2	2.6
MC-07-05-25	204	14.3	6.9	51	<.1	0.8	1.6	221	1	<.5	2.8	<.5	7.8	53	0.1	<.1	0.1	9	0.61	0.052	23	5	0.15	122	0.041	1	0.41	0.026	0.29	0.4	<.01	0.8	0.2	0.55	3	<.5	<1	1	1.1	0.9
MC-07-05-26	31	18.5	9.1	77	<.1	1	2.5	293	1.45	<.5	6.2	<.5	8.2	90	<.1	<.1	0.3	15	0.77	0.064	27	5	0.27	146	0.086	2	0.67	0.056	0.42	0.7	<.01	1.5	0.3	0.63	4	<.5	<1	2	1.6	3.2
MC-07-05-27	21	7.9	6.5	63	<.1	1	2.1	236	1.28	<.5	6.7	0.7	7.6	72	<.1	<.1	0.1	17	0.61	0.058	25	8	0.29	164	0.095	1	0.66	0.046	0.4	0.7	<.01	1.5	0.3	0.24	5	<.5	<1	1	1.3	3.1
MC-07-05-28	974.5	284	17	29	0.5	1	4.3	141	3.07	<.5	3.8	<.5	5.4	51	<.1	<.1	1	4	0.6	0.03	18	5	0.06	28	0.014	3	0.3	0.017	0.19	0.4	<.01	0.4	0.1	3.15	2	<.5	<1	<1	1	1.6
MC-07-05-29	59.5	9.4	15.3	33	0.4	0.8	1.2	174	0.93	<.5	29.3	0.7	6.9	62	0.6	<.1	1	3	0.67	0.028	19	12	0.04	103	0.011	3	0.24	0.015	0.18	0.4	<.01	0.3	0.1	0.76	1	<.5	<1	<1	0.7	2.2
MC-07-05-30	14.3	12.4	7.2	71	<.1	0.6	2.1	269	1.36	<.5	5	0.5	7.9	80	0.1	<.1	0.1	16	0.79	0.064	27	5	0.28	150	0.078	2	0.66	0.046	0.35	0.3	<.01	1.4	0.2	0.37	5	<.5	<1	1	1.4	3.3
MC-07-05-31	7.3	7.1	7.5	64	<.1	1.2	2.1	242	1.42	<.5	3.9	<.5	8.1	68	<.1	<.1	0.1	19	0.58	0.062	25	7	0.32	166	0.099	1	0.73	0.06	0.43	0.3	<.01	1.7	0.3	0.22	6	<.5	<1	2	1.3	3.1
MC-07-05-32	4.7	9.3	7.7	61	<.1	0.7	1.9	246	1.54	<.5	4.4	1	8	68	0.1	<.1	0.1	17	0.76	0.062	26	5	0.28	156	0.079	2	0.68	0.047	0.4	0.4	<.01	1.5	0.2	0.54	5	<.5	<1	1	1.2	3.5
MC-07-05-33	13.1	9.2	6.7	60	<.1	1	1.8	237	1.52	<.5	3.9	0.5	8.1	65	<.1	<.1	0.1	21	0.62	0.059	25	7	0.31	172	0.093	1	0.75	0.055	0.39	0.3	<.01	1.7	0.3	0.34	6	<.5	<1	2	1.3	3.3
MC-07-05-34	3.6	4.5	6.1	60	<.1	1.1	2.1	215	1.51	<.5	4	1.2	7	67	<.1	<.1	<.1	24	0.5	0.066	23	5	0.33	165	0.111	1	0.73	0.055	0.45	0.1	<.01	1.8	0.3	0.22	6	<.5	<1	2	1.5	3.1
MC-07-05-35	11.3	6	6.2	64	<.1	1.6	2	224	1.43	<.5	5.8	<.5	7.5	63	<.1	<.1	0.1	23	0.47	0.065	23	7	0.33	157	0.11	<1	0.74	0.054	0.43	0.3	<.01	1.8	0.3	0.25	5	<.5	<1	2	1.2	3.4
STANDARD DS7	21.3	112.2	73.3	412	0.9	58.5	9.9	641	2.48	51.4	5.4	69	4.9	77	6.7	6.1	4.8	89	1	0.083	14	182	1.09	387	0.125	41	1.04	0.099	0.46	4.3	0.22	2.8	4.4	0.24	5	4.1	1	5	5.7	-
G-1	0.1	1.7	2.8	45	<.1	3.6	4.5	538	1.99	<.5	2.1	1.9	3.9	60	<.1	<.1	0.1	41	0.53	0.084	8	6	0.61	212	0.132	1	1	0.081	0.52	0.1	0.01	2.2	0.4	<.05	5	<.5	<1	1	1.7	-
MC-07-05-36	9.9	9.2	6.5	67	<.1	0.7	1.7	244	1.35	<.5	6.1	0.9	7.8	73	<.1	<.1	0.1	20	0.6	0.063	24	7	0.28	143	0.094	1	0.69	0.057	0.43	0.5	<.01	1.6	0.3	0.41	5	<.5	<1	1	2.2	3.2
MC-07-05-37	10	5.5	6.3	59	<.1	0.8	1.8	233	1.37	<.5	7	1.7	7.9	76	<.1	<.1	0.1	22	0.68	0.065	24	6	0.3	142	0.094	<1	0.67	0.051	0.34	0.5	<.01	1.7	0.2	0.25	5	<.5	<1	2	1.8	3.4
MC-07-05-38	2.5	10	6.5	67	<.1	0.9	1.8	230	1.4	<.5	5.7	1.7	7.2	66	<.1	<.1	0.1	24	0.54	0.071	23	8	0.33	158	0.111	<1	0.74	0.054	0.43	0.2	<.01	1.9	0.3	0.25	6	<.5	<1	2	1.4	3
MC-07-05-39	6.9	10.2	8.6	58	<.1	1.1	2.5	233	1.46	<.5	5.7	<.5	8.3	82	0.1	<.1	1.5	24	0.71	0.076	29	6	0.31	192	0.105	1	0.78	0.064	0.49	0.3	<.01	1.9	0.3	0.3	6	<.5	<1	2	1.7	2.4
RE MC-07-05-39	6.5	10	8	60	<.1	1	2.3	235	1.49	<.5	5.7	0.7	8.2	79	<.1	<.1	1.4	23	0.73	0.073	28	5	0.31	183	0.102	1	0.78	0.062	0.49	0.3	<.01	1.9	0.3	0.29	6	<.5	<1	2	1.7	-
RRE MC-07-05-39	4	9.4	8	58	<.1	1	2.1	234	1.43	<.5	4.7	1.2	7.6	77	0.1	<.1	1.8	22	0.71	0.074	26	5	0.3	182	0.099	<1	0.74	0.056	0.46	0.2	<.01	1.7	0.3	0.27	5	<.5	<1	2	1.4	-
MC-07-05-40	31.7	14.6	7.8	47	<.1	0.5	2.2	284	1.21	<.5	7.4	2.1	8.3	103	0.2	<.1	0.3	13	1.14	0.066	24	6	0.2	169	0.058	3	0.63	0.033	0.39	0.4	<.01	1.3	0.2	0.56	4	<.5	<1	1	2.1	2
MC-07-05-41	>2000	21.3	50.7	32	1	0.9	1.7	131	1.88	<.5	5.1	1.6	3.8	51	<.1	<.1	2.8	4	0.67	0.033	16	6	0.03	38	0.004	1	0.2	0.011	0.14	0.7	<.01	0.3	0.1	2.15	1	<.5	<1	<1	0.5	1.9
MC-07-05-42	>2000	2.4	8.3	70	0.2	0.6	0.3	36	0.33	<.5	0.7	<.5	0.8	11	0.9	<.1	0.5	2	0.14	0.003	4	13	<.01	62	0.001	1	0.06	0.005	0.05	0.3	<.01	0.1	<.1	0.21	<1	<.5	<1	<1	0.7	1.7
MC-07-05-43	>2000	13.8	16.9	26	0.2	0.6	1.3	249	1	<.5	1.7	<.5	4.8	68	<.1	<.1	0.7	4	1.05	0.038	19	6	0.04	91	0.006	2	0.3	0.018	0.19	0.8	<.01	0.4	0.1	0.97	1	<.5	<1	<1	0.9	1.5
MC-07-05-44	>2000	5.5	30	3	0.4	0.3	0.3	69	0.47	<.5	1.4	1.9	1.2	17	<.1	<.1	1.2	3	0.72	0.011	5	10	0.02	37	0.003	<1	0.19	0.007	0.12	1.4	<.01	0.3	0.1	0.85	2	<.5	<1	1	0.9	2.2
MC-07-05-45	>2000	6.8	9.3	59	<.1	0.8	2.1	232	1.42	<.5	5.6	0.7	8.2	72	<.1	<.1	0.3	18	0.73	0.069	27	5	0.26	184	0.078	1	0.63	0.04	0.43	0.4	<.01	1.5	0.3	0.54	5	<.5	<1	1	1.1	3.5
MC-07-05-46	>2000	187.9	113	18	2.1	1.5	33.8	150	10.08	1.1	2.8	5.1	1.8	62	<.1	0.1	7.7	1	0.92	0.008	4	11	0.01	5	0.002	2	0.14	0.007	0.11	2.4	<.01	0.2	0.2	>10	1	1.4	<1	<1	1.1	3.3
MC-07-05-47	103.9	6.7	7.3	55	<.1	0.7	2	245	1.38	<.5	5	<.5	7.5	87	0.1	<.1	0.2	19	0.86	0.064	27	6	0.26	203	0.075	1	0.7	0.041	0.43	0.3	<.01	1.4	0.3	0.37	5	<.5	<1	1	1.1	3.2
MC-07-05-48	229.4	10.9	8.9	60	<.1	0.9	2.2	262	1.52	<.5	5.7	<.5	8.2	77	<.1	<.1	0.3	19	0.8	0.066	29	9	0.29	201	0.081	1	0.76	0.049	0.44	0.4	<.01	1.6	0.3	0.48	6	<.5	<1	2	1.7	2.4
MC-07-05-49	53.1	10.3	11	50	0.1	0.4	2.1	450	1.45	<.5	5.7	<.5	7.8	94	0.2	<.1	2.5	13	1.33	0.064	27	5	0.21	173	0.051	<1	0.58	0.031	0.35	0.5	<.01	1.2	0.2	0.7	4	<.5	<1	1	1.2	2.6
MC-07-05-50	36.5	8.6	6.6	56	<.1	0.6	2.1	228	1.44	<.5	5.7	1.9	7.7	75	<.1	<.1	0.2	20	0.61	0.062	26	8	0.31	175	0.092	<1	0.75	0.055	0.44	0.5	<.01	1.9	0.3	0.23	6	<.5	<1	2	1.4	2.7
MC-07-05-51	12.5	8.4	6.9	59	<.1	0.4	1.8	283	1.4	<.5	4.1	<.5	8.5	89	<.1	<.1	0.1	18	1.12	0.072	31	5	0.28	207	0.062	1	0.71	0.04	0.39	1	<.01	1.7	0.2	0.24	5	<.5	<1	1	1.2	2.5
MC-07-05-52	17.8	5.8	9.5	52	0.1	0.5	2.1	277	1.53	<.5	3.7	<.5	7.5	88	0.1	<.1	0.6	18	1.09	0.059	29	6	0.28	206	0.057	1	0.75	0.034	0.37	0.4	<.01	1.9	0.2	0.33	6	<.5	<1	1	1.3	2.8
STANDARD DS7	20.8	111.6	71.9	407	0.9	56.7	9.6	631	2.42	51	5.1	89.8	4.7	78	6.3	6.2	4.8	87	0.98	0.081	14	207	1.08	385	0.125	40	1.01	0.104	0.44	4.2	0.21	2.8	4.4	0.2	5	4	1	5	5.6	-

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A703410R Received: JUN 21 2007 * 8 samples in this disk file.
Analysis: GROUP 7KP - 0.500 GM SAMPLE BY PHOSPHORIC ACID LEACH, ANALYSIS BY ICP-ES.

ELEMENT	Mo
SAMPLES	%
MC-07-05-23	0.208
MC-07-05-41	0.456
MC-07-05-42	0.226
MC-07-05-43	0.561
MC-07-05-44	1.386
MC-07-05-45	0.222
MC-07-05-46	1.993
STANDARD KP-1	0.215

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A703411 Received: MAY 31 2007 * 3 samples in this disk file.
Analysis: GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
G-1	0.1	2.3	2.5	49	<.1	3.8	4.3	540	1.84	<.5	1.8	2.9	3.6	45	<.1	<.1	<.1	37	0.52	0.083	6	7	0.67	203	0.121	1	0.89	0.037	0.51	<.1	<.01	1.8	0.3	<.05	5	<.5	<1	<1	1.2
MC-07-01-01	10.8	19.4	17.8	74	0.2	49.2	9.8	465	2.19	0.5	8.3	1.9	9.6	200	0.1	<.1	0.4	33	1.68	0.216	37	89	1.34	45	0.18	1	1.27	0.025	0.11	2.1	<.01	1.8	0.1	0.14	9	<.5	<1	1	16.3
STANDARD DS7	20.6	110	71.6	405	0.9	58.7	9.9	631	2.41	49.5	5	79.9	4.5	72	6.3	6.1	4.7	86	0.94	0.078	14	207	1.06	367	0.124	39	0.97	0.081	0.43	4.1	0.2	2.6	4.2	0.19	5	4.6	1	5	5.6

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A703412 Received: MAY 31 2007 * 38 samples in this disk file.
Analysis: GROUP 1DX - 15 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	kg
G-1	0.1	2	2.9	46	<.1	2.7	4.4	531	1.87	<.5	2.3	4.1	4	46	0.1	0.1	0.1	35	0.48	0.076	7	9	0.65	206	0.13	<1	0.93	0.05	0.51	0.1	<.01	1.8	0.4	<.05	5	<.5	<1	<1	1.2	-
MC-07-03-01	0.4	63.9	5.4	77	<.1	72	25.7	646	4.95	<.5	1.2	2.7	6.2	36	<.1	<.1	0.7	52	0.93	0.058	8	67	1.73	139	0.136	1	3.84	0.127	1.22	0.1	<.01	6.6	0.5	1.05	11	<.5	<1	1	0.3	3.8
MC-07-03-02	0.3	27.8	2.1	52	<.1	40.2	12.3	347	3.2	<.5	0.8	1.9	5.1	5	<.1	<.1	0.2	26	0.2	0.032	10	44	1.08	25	0.026	<1	1.69	0.014	0.16	<.1	<.01	2.7	0.1	0.23	5	<.5	<1	<1	0.3	0.5
MC-07-03-03	0.3	70.4	5.4	79	<.1	72	26.3	555	5.3	<.5	1.5	2.8	8	22	<.1	<.1	0.7	46	0.27	0.064	11	59	1.72	67	0.09	<1	3.1	0.039	0.69	0.1	<.01	5.2	0.3	0.61	9	<.5	<1	1	0.1	3.1
MC-07-03-04	2.6	13.2	5.3	64	<.1	39.5	10.8	518	3.1	<.5	1.5	1.7	7.1	16	<.1	<.1	0.3	29	0.54	0.09	17	50	1.11	31	0.034	1	1.92	0.025	0.27	0.1	<.01	3.3	0.1	<.05	6	<.5	<1	<1	0.4	1.1
MC-07-03-05	0.4	47.8	3.5	57	<.1	62.1	20.9	435	4.45	<.5	1.2	7.6	5.8	29	<.1	<.1	1.1	51	0.16	0.049	10	61	1.44	159	0.149	1	2.97	0.057	1.43	<.1	<.01	7.8	0.4	0.27	10	<.5	<1	1	0.3	1
MC-07-03-06	0.3	24.8	2.7	25	<.1	25	7.8	230	1.96	<.5	0.6	1.8	4	12	<.1	<.1	0.1	20	0.22	0.019	8	30	0.65	40	0.046	<1	1.14	0.029	0.33	0.1	<.01	2.4	0.1	0.13	4	<.5	<1	<1	0.7	0.6
MC-07-03-07	0.4	37.5	5	89	<.1	66.2	21.4	425	4.96	<.5	1.5	2.1	9.5	35	<.1	<.1	0.2	55	0.33	0.059	17	83	1.69	211	0.17	2	3.41	0.05	1.4	0.1	<.01	6.8	0.5	0.11	10	<.5	<1	1	0.2	2.8
MC-07-03-08	0.4	43.8	8	96	<.1	69.8	23.4	533	5.18	0.5	1.5	2.7	9.4	44	<.1	<.1	0.4	72	0.39	0.054	14	101	1.77	315	0.22	<1	3.83	0.085	1.75	0.3	<.01	9.4	0.5	0.16	13	<.5	<1	1	0.6	2.4
MC-07-03-09	0.8	50.3	7.3	91	<.1	74.4	24.9	608	5.6	<.5	1.6	1.7	7.6	53	<.1	<.1	0.3	62	0.37	0.056	10	89	1.91	271	0.19	1	3.9	0.075	1.71	0.1	<.01	7.6	0.6	0.4	13	<.5	<1	1	0.3	3.1
MC-07-03-10	0.8	28.5	6.5	38	<.1	32.8	12.1	452	2.67	<.5	1.6	0.9	11.1	21	<.1	<.1	0.3	26	0.89	0.049	15	38	0.81	110	0.061	<1	1.51	0.03	0.6	0.1	<.01	3	0.2	0.22	6	<.5	<1	<1	0.3	1.2
MC-07-03-11	0.6	27.9	3	50	<.1	40	12.7	238	2.9	<.5	1.6	3	8.6	16	<.1	<.1	0.3	24	0.26	0.031	17	35	0.99	104	0.115	1	2.12	1	0.036	1.01	0.1	<.01	2.8	0.4	<.05	5	<.5	<1	1	0.5	1
MC-07-03-12	0.4	19.7	8.9	47	<.1	31.7	11	491	3.01	<.5	2	3.1	13.7	13	<.1	<.1	0.4	30	0.58	0.05	22	42	1	65	0.074	1	1.87	0.024	0.48	0.2	<.01	3.2	0.2	<.05	6	<.5	<1	<1	0.3	2.7
MC-07-03-13	0.6	19.3	4.8	55	<.1	40.4	18.1	397	3.22	<.5	1.2	2.2	6.3	20	<.1	<.1	0.2	31	0.25	0.029	15	42	1.33	133	0.096	<1	2.54	0.048	1.18	0.1	<.01	5	0.4	<.05	8	<.5	<1	1	0.2	0.8
MC-07-03-14	1.1	41.5	3.5	37	<.1	39.5	14.7	232	3.12	<.5	1.6	0.9	7.2	46	<.1	<.1	0.3	23	1.15	0.036	6	34	1.05	36	0.028	1	2.07	0.104	0.34	0.2	<.01	2.8	0.1	1.03	6	<.5	<1	<1	0.4	1.9
MC-07-03-15	0.4	22.5	4.3	65	<.1	31.4	11.9	311	3.77	<.5	0.6	3	4.6	13	<.1	<.1	0.6	33	0.15	0.035	11	42	1.64	105	0.177	<1	2.67	0.047	1.49	0.1	<.01	3.6	0.5	0.29	7	<.5	<1	1	0.4	2.8
MC-07-03-16	0.6	28.7	4.5	65	<.1	35.9	13.3	341	3.54	<.5	0.9	3.3	5.9	12	<.1	<.1	1	29	0.25	0.048	11	39	1.43	100	0.151	1	2.18	0.035	1.21	0.1	<.01	3.2	0.4	0.46	6	0.5	<1	1	0.3	2.1
MC-07-03-17	0.7	40.2	3.5	60	<.1	44.3	15.7	353	3.76	<.5	1.1	2.2	6.1	23	<.1	<.1	0.6	28	0.23	0.043	10	37	1.57	103	0.131	<1	2.42	0.046	1.15	0.1	<.01	3.4	0.4	0.72	7	0.8	<1	1	0.3	2.6
MC-07-03-18	0.5	34.5	4	75	<.1	46	17.8	461	4.4	<.5	1.3	2.2	6.2	30	<.1	<.1	0.4	37	0.36	0.042	9	49	1.8	112	0.153	1	3.08	0.063	1.45	0.1	<.01	4.6	0.4	0.68	9	<.5	<1	1	0.2	2.8
MC-07-03-19	0.4	47.8	6.1	91	<.1	59	19.9	868	4.69	<.5	1.8	4	8.6	46	0.1	<.1	0.5	36	0.58	0.044	7	49	1.95	93	0.121	1	3.29	0.106	1.26	0.1	<.01	4.7	0.4	1.28	9	0.5	<1	1	0.2	3.1
MC-07-03-20	0.4	41.1	5.4	62	<.1	48.1	17.3	715	3.9	<.5	1.7	2	9.2	69	<.1	<.1	0.4	29	1.23	0.052	8	37	1.56	70	0.081	<1	2.9	0.119	0.82	0.2	<.01	3.7	0.3	1.49	8	0.5	<1	<1	0.3	2.8
MC-07-03-21	0.3	44.3	6.7	50	<.1	49.5	17.9	466	3.71	<.5	1.5	2.5	7.8	41	<.1	<.1	0.3	24	0.85	0.035	8	34	1.18	52	0.074	<1	2.07	0.089	0.55	0.1	<.01	3.2	0.2	1.59	6	0.5	<1	<1	0.4	2.4
MC-07-03-22	1.5	37.9	7.3	38	<.1	42.9	15.3	591	3.45	<.5	1.2	1.3	6	143	0.1	<.1	0.4	28	5.42	0.05	7	40	0.91	56	0.091	1	2.55	0.188	0.63	0.2	<.01	3.3	0.2	1.59	7	0.5	<1	1	0.5	3.1
MC-07-03-23	0.6	57.5	5.2	51	<.1	52.2	19.9	695	4.21	<.5	1.8	2.9	8.8	88	<.1	<.1	1.1	26	2.88	0.042	10	34	1.37	69	0.08	1	2.66	0.099	0.74	0.2	<.01	4	0.3	2.04	8	0.9	<1	<1	0.4	2.5
MC-07-03-24	0.4	39.9	6.8	65	<.1	61	23.1	575	4.32	1.9	1.9	1.2	10.7	61	<.1	<.1	0.3	20	1.07	0.031	21	33	1.33	21	0.008	1	1.94	0.021	0.31	0.2	<.01	2.5	0.2	1.71	5	0.5	<1	1	0.2	0.6
MC-07-03-25	0.8	46.6	9.8	70	<.1	65.9	24	561	5.04	<.5	1.6	1.9	7.5	113	0.1	<.1	0.4	34	2.64	0.029	7	53	1.22	40	0.122	1	2.89	0.12	0.34	0.3	<.01	4.4	0.1	2.26	8	1.1	<1	1	0.5	2.9
MC-07-03-26	0.6	46.4	10.8	82	<.1	60.8	22.2	626	4.83	<.5	1.8	1	9.3	123	0.1	<.1	0.5	37	3.93	0.033	8	56	1.33	38	0.151	2	3.04	0.137	0.51	0.3	<.01	4.3	0.2	2.29	10	0.6	<1	1	0.5	2.7
MC-07-03-27	0.6	37.2	5.1	45	<.1	45.4	16.9	303	4.12	0.5	1.1	1	7.1	79	<.1	<.1	0.4	30	1.14	0.027	6	42	1.18	61	0.127	1	2.57	0.106	0.65	0.2	<.01	3.6	0.2	1.83	7	<.5	<1	<1	0.5	1.4
MC-07-03-28	0.9	15.8	6.2	110	<.1	8.4	4.7	169	1.14	<.5	1.1	1	3.8	506	0.6	<.1	0.3	3	23.42	0.045	4	10	1.6	15	0.032	<1	0.78	0.016	0.11	0.8	<.01	1.2	0.1	0.57	2	0.7	<1	<1	0.4	1.9
MC-07-03-29	1.4	37.6	17.3	36	0.1	16.4	8.3	273	2.41	1.1	2.3	2.1	8.1	228	0.1	<.1	1.1	14	12.12	0.037	8	21	0.71	14	0.072	1	1.13	0.012	0.15	0.6	<.01	2.6	<.1	1.4	4	1.1	<1	1	1.4	1.6
MC-07-03-30	3.9	59.6	5.9	36	0.1	36.2	13.5	169	3.41	<.5	1.6	1.8	6.4	55	0.1	<.1	0.6	28	0.96	0.025	4	22	0.84	34	0.06	1	1.73	0.128	0.64	0.1	<.01	2.2	0.2	1.9	5	1.2	<1	<1	0.4	1.3
MC-07-03-31	2.6	70.4	7.5	45	0.1	27.6	13.2	406	2.91	<.5	1.3	1.9	4.7	180	0.1	<.1	0.7	31	4.15	0.05	5	22	1.05	46	0.086	1	2.28	0.118	0.64	0.2	<.01	2.8	0.3	1.34	7	1	<1	<1	0.8	0.9
MC-07-03-32	7.1	70.4	4.1	49	<.1	26.5	14.7	245	2.47	<.5	1.7	2.1	6.9	126	0.1	<.1	0.3	35	3.87	0.054	8	26	0.8	24	0.112	1	2.79	0.228	0.41	0.4	<.01	2.2	0.2	1.08	8	0.9	<1	1	1.4	3.2
MC-07-03-33	3.8	73.2	3	35	<.1	22.8	11.3	310	2.21	<.5	1.3	2.7	6.8	59	<.1	<.1	0.4	30	5.67	0.045	10	24	0.81	9	0.143	1	1.66	0.04	0.08	1	<.01	2.5	<.1	0.96	6	0.6	<1	1	3.8	3.5
MC-07-03-34	1.1	61.6	1.1	30	<.1	21.5	12.8	290	1.98	0.5	0.1	1.7	0.2	20	0.1	0.1	0.3	75	1.51	0.131	1	35	0.62	9	0.168	1	0.95	0.119	0.05	0.4	<.01	6.4	0.1	<.05	3	<.5	<1	<1	1.7	3.3
MC-07-03-35	0.7	78.8	1	20	<.1	30	14.2	166	1.31	<.5	<.1	1.3	0.1	15	<.1	<.1	0.3	41	1.17	0.129	1	21	0.38	3	0.097	<1	0.52	0.05	0.02	0.4	<.01	3.2	<.1	0.12	2	0.9	<1	<1	1.1	3.6
RE MC-07-03-35	0.7	77.6	1	21	<.1	29.5	13.6	162	1.3	<.5	<.1	1.7	0.1	14	<.1	<.1	0.3	41	1.14	0.127	1	21	0.37	3	0.096	<1	0.53	0.047	0.02	0.4	<.01	3.1	<.1	0.11	2	0.5	<1	<1	0.8	-
RRE MC-07-03-35	0.7	74.9	1	19	<.1	28.3	13.3	160	1.28	<.5	<.1	1.7	0.1	14	<.1	<.1	0.3	41	1.1	0.129	1	20	0.37	3	0.093	<1	0.51	0.05	0.02	0.5	<.01	3	<.1	0.14	2	<.5	<1	<1	0.9	-
STANDARD DS7	21.3	111.6	77.2	419	0.9	57	9.9	630	2.49	50.5	5.1	94.8	4.6	76	6.5	6.4	4.9	87	0.99	0.083	14	217	1.08	387	0.123	39	1	0.086	0.44	4.1	0.21	2.6	4.2	0.23	5	3.9	1	6	5.6	-

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A705949 Received: AUG 13 2007 * 36 samples in this disk file.
Analysis: GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr	Sample
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	kg
G-1	0.4	2.7	6.2	39	<.1	3.7	4.1	503	1.69	0.8	2.1	1.8	3.8	54	<.1	<.1	0.1	32	0.48	0.057	7	8	0.52	193	0.108	1	1.06	0.083	0.44	0.1	<.01	2	0.3	<.05	4	<.5	<1	<1	1.1	-
MF-C-001	38.5	33	5	54	<.1	27	6.7	264	2.45	1.2	1.2	0.9	8.5	5	0.1	<.1	0.7	24	0.08	0.018	10	34	0.6	59	0.049	1	1.38	0.033	0.37	1.9	<.01	2.1	0.4	<.05	4	<.5	<1	<1	1.1	0.92
MF-C-002	104.1	28.9	5.6	59	<.1	32.1	8.4	211	3.51	<.5	1.1	1.4	11	3	<.1	<.1	4.2	25	0.03	0.024	11	39	0.7	45	0.05	<1	1.6	0.021	0.26	0.8	<.01	2.3	0.2	<.05	5	<.5	<1	<1	0.4	0.82
MF-C-003	42.5	18	5.1	66	<.1	26.4	7.1	300	2.15	0.5	0.9	<.5	9.3	5	<.1	<.1	0.3	21	0.12	0.016	10	27	0.64	35	0.058	1	1.34	0.019	0.21	0.8	<.01	1.7	0.2	<.05	4	<.5	<1	<1	0.5	0.72
MF-C-004	317.8	34.9	5.2	55	<.1	28.1	7.1	74	3.42	0.5	1	0.5	9.9	3	0.2	<.1	0.6	19	0.04	0.025	12	29	0.48	60	0.076	1	1.2	0.012	0.55	2.7	<.01	1.4	0.6	<.05	3	<.5	<1	<1	0.4	0.82
MF-C-005	1080.4	13.4	2.7	24	0.2	15.3	4.5	83	1.46	<.5	0.5	<.5	5.1	2	0.1	<.1	0.4	11	0.01	0.008	9	22	0.31	39	0.044	1	0.68	0.012	0.39	0.7	<.01	0.8	0.5	0.09	2	<.5	<1	<1	0.4	1
MF-C-006	515	12.1	3.9	34	<.1	15.2	4.1	37	1.74	<.5	0.4	<.5	5.9	3	0.1	<.1	0.9	11	0.01	0.009	11	19	0.31	56	0.049	1	0.73	0.012	0.47	0.9	<.01	0.8	0.6	<.05	2	<.5	<1	<1	0.5	1.28
MF-C-007	70	3.7	2.4	25	<.1	11.6	3.2	22	0.89	<.5	0.4	<.5	6.2	4	<.1	<.1	0.2	6	<.01	0.005	17	14	0.24	57	0.033	1	0.6	0.019	0.4	0.4	<.01	0.8	0.4	<.05	2	<.5	<1	<1	0.5	1.2
MF-C-008	510.4	11.7	5.3	18	<.1	12.6	3.4	79	1.52	<.5	0.4	<.5	6.1	3	0.3	<.1	1.5	8	0.01	0.011	12	19	0.26	45	0.037	<1	0.67	0.022	0.25	3	<.01	1	0.2	<.05	2	<.5	<1	<1	0.4	1.46
MF-C-009	42	5.8	2.5	27	<.1	13	3.9	93	1.15	<.5	0.6	<.5	8.2	3	<.1	<.1	0.2	12	0.03	0.005	12	23	0.32	52	0.049	<1	0.71	0.03	0.35	0.4	<.01	1.3	0.4	<.05	2	<.5	<1	<1	0.5	1.86
MF-C-010	20.8	6.2	3.1	44	<.1	17.9	4.7	176	1.4	<.5	0.6	<.5	6.8	3	<.1	<.1	0.4	14	0.05	0.008	12	24	0.47	58	0.053	<1	0.94	0.025	0.35	0.9	<.01	1.3	0.4	<.05	3	<.5	<1	<1	0.3	1.24
MF-C-011	292.2	7.2	4	54	<.1	28.2	6.9	88	1.92	<.5	1	<.5	11.9	4	<.1	<.1	0.5	22	0.02	0.011	14	32	0.6	76	0.059	1	1.28	0.025	0.52	0.6	<.01	1.7	0.6	<.05	4	<.5	<1	<1	0.3	1.04
MF-C-012	10.2	6.3	3.5	52	<.1	31.2	14.3	145	2.85	<.5	1.7	<.5	22.7	5	0.1	<.1	0.5	35	0.02	0.018	33	51	0.91	37	0.02	1	1.83	0.03	0.15	0.2	<.01	3	0.1	<.05	6	<.5	<1	<1	0.3	0.64
MF-C-013	20	8	4	23	<.1	11.6	3.1	144	1.52	<.5	0.6	<.5	9.7	4	<.1	<.1	0.3	15	0.04	0.013	15	22	0.33	46	0.041	1	0.83	0.026	0.24	1	<.01	1.4	0.2	<.05	3	<.5	<1	<1	0.6	0.82
MF-C-014	9	10.2	4.1	66	<.1	41.9	16.5	199	3.63	<.5	1	<.5	11.9	4	<.1	<.1	0.1	38	0.02	0.015	18	59	1.03	51	0.042	<1	1.93	0.023	0.17	0.9	<.01	2.5	0.1	<.05	6	<.5	<1	<1	0.6	1.4
MF-C-015	55.4	16.8	7.1	74	<.1	41.4	17.8	194	4.45	<.5	0.9	0.5	9	3	<.1	<.1	0.1	37	0.01	0.022	14	54	1.01	37	0.03	<1	1.91	0.025	0.15	1.7	<.01	2.7	0.1	<.05	7	<.5	<1	<1	0.6	1.06
MF-C-016	81.4	11.7	6.3	52	<.1	32.9	12.9	148	3.53	<.5	1	<.5	9.7	4	<.1	<.1	0.1	31	0.08	0.055	22	46	0.87	36	0.027	<1	1.73	0.032	0.12	4.6	<.01	2.6	0.1	<.05	5	<.5	<1	<1	0.4	1.98
MF-C-017	281.3	17	7.5	63	<.1	31.9	10.7	149	4.31	<.5	0.9	<.5	9.3	3	<.1	<.1	0.2	28	0.01	0.026	15	42	0.86	28	0.017	<1	1.68	0.023	0.1	9.2	<.01	2.3	0.1	<.05	5	<.5	<1	<1	1.2	2.94
MF-C-018	117.7	8.8	2.9	67	<.1	45.8	15.1	110	3.19	<.5	1.5	<.5	11	4	<.1	<.1	0.1	26	0.02	0.021	22	45	0.97	66	0.058	1	1.81	0.017	0.49	1.6	<.01	1.9	0.5	<.05	4	<.5	<1	<1	0.2	3.18
MF-C-019	189.8	4.1	3.9	16	<.1	9.6	2.7	22	0.91	<.5	0.5	<.5	5.1	2	<.1	<.1	0.8	9	<.01	0.006	11	17	0.2	43	0.033	1	0.59	0.015	0.35	0.6	<.01	0.7	0.3	<.05	2	<.5	<1	<1	0.4	2.24
MF-C-020	145.1	5.2	3.4	32	<.1	16	4.7	82	1.72	<.5	0.5	<.5	10	3	<.1	<.1	0.2	21	0.03	0.017	16	32	0.43	79	0.069	1	0.91	0.032	0.5	0.7	<.01	1.7	0.5	<.05	3	<.5	<1	<1	0.3	2.04
MF-C-021	20	7.4	3.6	34	<.1	18.4	5.9	190	1.99	<.5	0.8	<.5	9.5	3	<.1	<.1	0.2	31	0.04	0.018	16	41	0.6	90	0.065	<1	1.22	0.036	0.44	0.4	<.01	2.8	0.3	<.05	4	<.5	<1	<1	0.4	2
MF-C-022	37.9	15.4	4.3	35	<.1	15.1	4.2	233	2.15	<.5	0.7	<.5	9.3	3	<.1	<.1	0.6	27	0.04	0.014	13	36	0.53	72	0.055	<1	1.24	0.032	0.32	0.5	<.01	2.6	0.2	<.05	4	<.5	<1	<1	0.3	2.28
MF-C-023	10.1	12.4	3.7	44	<.1	17	4.6	260	1.73	<.5	1	0.6	10.5	5	<.1	<.1	0.4	25	0.08	0.012	15	34	0.52	67	0.08	1	1.12	0.035	0.28	0.4	<.01	1.8	0.2	<.05	3	<.5	<1	<1	0.5	2.3
MF-C-024	8.6	8.4	3.4	28	<.1	13.9	4.1	280	1.6	<.5	0.9	0.8	8.1	3	<.1	<.1	1.6	19	0.09	0.01	10	28	0.47	49	0.075	<1	0.95	0.04	0.19	0.4	<.01	1.3	0.2	<.05	2	<.5	<1	<1	0.5	2.3
MF-C-025	10.8	7.3	4.5	32	<.1	11	3.4	325	1.49	<.5	1	<.5	8.6	6	<.1	<.1	2.6	15	0.15	0.011	8	24	0.44	27	0.086	1	0.86	0.036	0.15	0.6	<.01	1.4	0.2	<.05	2	<.5	<1	1	0.7	1.78
MF-C-026	7.3	8.9	10.8	29	0.1	13.2	3.3	227	1.54	<.5	0.6	<.5	7.1	7	<.1	<.1	2.1	13	0.08	0.009	13	21	0.43	46	0.065	1	0.95	0.027	0.34	0.5	<.01	1.2	0.3	<.05	2	<.5	<1	<1	0.5	2.38
MF-C-027	33	10.9	7.5	41	<.1	13.9	3.9	273	2.21	0.5	0.7	0.8	6.8	6	<.1	<.1	6.4	17	0.06	0.014	13	24	0.56	38	0.055	1	1.12	0.02	0.2	1.1	<.01	1.3	0.2	<.05	3	<.5	<1	<1	0.5	2.64
MF-C-028	130.9	8.4	4.1	30	<.1	12	3.2	198	1.78	<.5	0.6	<.5	8.1	5	<.1	<.1	1.9	17	0.05	0.012	15	25	0.4	40	0.045	1	0.89	0.032	0.22	0.9	<.01	1.5	0.2	<.05	3	<.5	<1	<1	0.4	2.08
MF-C-029	68.5	11.5	6.7	19	0.1	10.7	2.3	75	1.94	<.5	0.5	<.5	12.3	5	<.1	<.1	60.5	10	0.01	0.011	19	16	0.21	45	0.031	1	0.64	0.018	0.21	0.6	<.01	1.1	0.2	<.05	2	<.5	<1	<1	0.3	1.38
MF-C-030	35.9	12.3	8.7	47	<.1	49.3	9.7	206	2.72	3.8	0.8	1.4	9	6	<.1	0.4	1.4	25	0.04	0.025	20	45	0.85	84	0.069	1	1.25	0.038	0.51	0.5	<.01	2.3	0.5	<.05	4	<.5	<1	<1	0.4	1.94
MF-C-031	13.5	11.5	4.6	61	<.1	31.5	10.4	169	3.14	<.5	1.4	<.5	11.5	6	<.1	<.1	0.3	34	0.02	0.023	20	52	0.86	83	0.076	1	1.69	0.026	0.55	0.6	<.01	2.7	0.6	<.05	5	<.5	<1	<1	0.3	2.34
RE MF-C-031	12.8	10.8	4.7	62	<.1	32.2	10	171	3.14	<.5	1.3	<.5	11.8	6	<.1	<.1	0.3	37	0.02	0.024	22	54	0.88	81	0.077	1	1.73	0.027	0.56	0.6	<.01	2.8	0.6	<.05	5	<.5	<1	<1	0.2	-
MF-C-032	29.6	8.8	3.2	39	<.1	21.6	6.7	244	2.4	<.5	0.6	<.5	10.1	5	<.1	<.1	0.5	31	0.07	0.015	14	41	0.65	87	0.079	1	1.3	0.037	0.39	0.4	<.01	2.3	0.3	<.05	4	<.5	<1	<1	0.4	2.04
MF-C-033	25.4	10.9	3.9	41	<.1	22.9	6.3	183	2.33	<.5	1.1	<.5	12.3	4	<.1	<.1	0.1	30	0.09	0.043	20	40	0.57	86	0.057	1	1.21	0.035	0.33	0.6	<.01	2.6	0.2	<.05	4	<.5	<1	<1	0.5	1.2
MF-C-034	7.6	10.3	2.9	53	<.1	25	7.1	148	2.57	<.5	0.6	<.5	6.3	5	<.1	<.1	0.4	25	0.01	0.014	12	35	0.61	72	0.055	1	1.23	0.038	0.46	0.6	<.01	2.1	0.4	<.05	4	<.5	<1	<1	0.3	0.92
STANDARD DS7	21.3	113.5	73.4	401	0.9	62.7	11	662	2.51	48.6	4.7	60.8	4.6	77	6.3	5.9	4.5	86	0.98	0.077	13	237	1.11	387	0.135	37	1.05	0.092	0.45	3.9	0.21	2.8	3.9	0.21	4	3.7	1	5	5.8	-

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A705950 Received: AUG 13 2007 * 8 samples in this disk file.
Analysis: GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Sn	Zr
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
G-1	0.7	3.1	6.1	43	<.1	3.5	4.1	505	1.86	0.6	2.3	<.5	4.5	61	<.1	<.1	0.1	34	0.61	0.073	8	9	0.6	191	0.109	<1	1.04	0.086	0.47	0.2	0.01	2.4	0.3	<.05	5	<.5	<1	<1	1.1
HCMF-07-ADDIT 1	93.7	3.7	3.4	17	<.1	0.7	0.4	298	0.38	<.5	0.7	<.5	1.6	25	<.1	<.1	0.3	2	1.19	0.031	5	5	0.03	15	0.009	<1	0.23	0.008	0.08	1.4	0.09	0.6	0.1	0.09	1	<.5	<1	<1	0.4
HCMF-07-ADDIT 2	393.4	422.2	47.8	43	1.5	2.5	17.1	377	5.69	0.7	3	4.2	4.2	59	0.9	<.1	5.7	2	0.98	0.025	10	5	0.02	17	0.007	1	0.24	0.019	0.15	0.7	0.29	0.6	0.1	5.73	1	0.6	<1	<1	0.4
HCMF-07-ADDIT 3	77.9	231.5	511.6	269	1.5	1.7	33	186	15.68	0.6	1.4	4.9	2.4	7	5.7	0.2	558.4	<1	0.23	0.011	8	3	0.01	9	0.001	<1	0.11	0.003	0.08	0.4	0.19	0.1	<.1	>10	1	1.6	<1	<1	0.4
HCMF-07-ADDIT 4	>2000	277	43.6	37	0.8	2.2	19.4	138	8.03	1.1	6.3	<.5	3.3	9	<.1	<.1	14.5	5	0.09	0.009	7	5	0.03	15	0.006	<1	0.29	0.007	0.14	1.5	0.77	0.6	0.1	8.71	2	0.9	<1	<1	0.2
HCMF-07-ADDIT 5	>2000	63.1	42.1	4	3.3	0.7	5.6	21	8.03	6.1	0.1	9.2	0.1	3	<.1	0.1	10.3	2	<.01	<.001	<1	4	<.01	10	0.001	<1	0.07	0.003	0.06	5	0.99	0.2	0.7	8.15	1	1.8	<1	<1	0.2
KRMF-07-G-001	1186.8	7.9	3.5	36	0.1	28.4	9.5	15	2.65	<.5	1.8	<.5	8.4	4	<.1	0.1	1.1	15	0.01	0.018	9	28	0.39	66	0.057	<1	0.83	0.009	0.65	1.5	<.01	1	0.8	1.43	2	<.5	<1	<1	0.4
STANDARD DS7	20.3	104.9	68.8	402	0.8	54.6	8.8	613	2.33	47.3	4.7	63.1	4.8	73	6.1	5.7	4.6	76	0.95	0.078	13	199	1.01	362	0.112	40	0.99	0.09	0.43	4.1	0.2	2.6	3.8	0.17	4	3.7	1	5	5.7

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 @ CSV TEXT FORMAT
To Jasper Mining Corporation PROJECT McFarlane
Acme file # A705950R Received: SEP 24 2007 * 3 samples in this disk file.
Analysis: GROUP 7KP - 0.500 GM SAMPLE BY PHOSPHORIC ACID LEACH, ANALYSIS BY ICP-ES.

ELEMENT	Mo
SAMPLES	%
HCMF-07-ADDIT 4	0.817
HCMF-07-ADDIT 5	0.82
STANDARD KP-1	0.226

ELEMENT SAMPLES	From (metres)	To (metres)	Width (metres)	From (Feet)	To (Feet)	Width (Feet)	Mo ppm	Mo %	Cu ppm	Cu %	Ag ppm	Ag oz/t
Hole 1												
MC-07-01-01	45.00	46.60	1.60	147.64	152.89	5.25	10.8	0.001	19.4	0.002	0.2	0.006
Hole 2												
MC-07-02-01	43.00	44.00	1.00	141.08	144.36	3.28	241.1	0.024	8.7	0.001	0.3	0.009
MC-07-02-02	68.00	69.50	1.50	223.10	228.02	4.92	1.6	0.000	9.2	0.001	<.1	
MC-07-02-23	111.25	112.77	1.52	364.99	369.98	4.99	1.3	0.000	2	0.000	<.1	
MC-07-02-03	126.00	126.49	0.49	413.39	414.99	1.61	2.4	0.000	2.2	0.000	<.1	
MC-07-02-04	138.80	139.00	0.20	455.38	456.04	0.66	2.6	0.000	8.3	0.001	<.1	
MC-07-02-05	147.98	149.05	1.07	485.50	489.01	3.51	6.6	0.001	2.4	0.000	<.1	
MC-07-02-06	160.50	161.10	0.60	526.57	528.54	1.97	553.2	0.055	15.9	0.002	<.1	
MC-07-02-07	168.90	169.47	0.57	554.13	556.00	1.87	2.1	0.000	51.5	0.005	0.3	0.009
MC-07-02-08	169.47	170.60	1.13	556.00	559.71	3.71	7.5	0.001	23.9	0.002	<.1	
MC-07-02-09	170.60	171.76	1.16	559.71	563.52	3.81	7.1	0.001	8	0.001	<.1	
MC-07-02-10	171.76	172.20	0.44	563.52	564.96	1.44	13.3	0.001	2.1	0.000	<.1	
MC-07-02-11	172.20	173.13	0.93	564.96	568.01	3.05	23.6	0.002	48	0.005	0.5	0.015
MC-07-02-12	173.13	174.65	1.52	568.01	573.00	4.99	278.7	0.028	7.3	0.001	<.1	
MC-07-02-13	174.65	176.17	1.52	573.00	577.99	4.99	1.1	0.000	3.4	0.000	<.1	
MC-07-02-14	176.17	177.70	1.53	577.99	583.01	5.02	2.3	0.000	9.5	0.001	<.1	
MC-07-02-15	177.70	179.22	1.52	583.01	587.99	4.99	4.8	0.000	2.9	0.000	<.1	
MC-07-02-16	185.00	186.00	1.00	606.96	610.24	3.28	139.1	0.014	4	0.000	<.1	
MC-07-02-17	246.00	246.50	0.50	807.09	808.73	1.64	0.3	0.000	1.8	0.000	<.1	
MC-07-02-18	261.21	262.74	1.53	856.99	862.01	5.02	3	0.000	1.6	0.000	<.1	
MC-07-02-19	282.10	283.60	1.50	925.52	930.45	4.92	1.1	0.000	4.3	0.000	<.1	
MC-07-02-20	305.10	306.60	1.50	1000.98	1005.91	4.92	0.8	0.000	1.2	0.000	<.1	
MC-07-02-21	344.50	346.10	1.60	1130.25	1135.50	5.25	196	0.020	4.4	0.000	<.1	
MC-07-02-22	363.90	365.10	1.20	1193.90	1197.83	3.94	1.6	0.000	4.2	0.000	<.1	
Hole 3												
MC-07-03-01	25.80	27.70	1.90	84.65	90.88	6.23	0.4	0.000	63.9	0.006	<.1	
MC-07-03-02	42.70	42.95	0.25	140.09	140.91	0.82	0.3	0.000	27.8	0.003	<.1	
MC-07-03-03	48.00	50.00	2.00	157.48	164.04	6.56	0.3	0.000	70.4	0.007	<.1	
MC-07-03-04	102.40	102.80	0.40	335.96	337.27	1.31	2.6	0.000	13.2	0.001	<.1	

ELEMENT SAMPLES	From (metres)	To (metres)	Width (metres)	From (Feet)	To (Feet)	Width (Feet)	Mo ppm	Mo %	Cu ppm	Cu %	Ag ppm	Ag oz/t
MC-07-03-05	133.40	133.80	0.40	437.66	438.98	1.31	0.4	0.000	47.8	0.005	<.1	
MC-07-03-06	137.30	137.50	0.20	450.46	451.12	0.66	0.3	0.000	24.8	0.002	<.1	
MC-07-03-07	142.95	144.48	1.53	469.00	474.02	5.02	0.4	0.000	37.5	0.004	<.1	
MC-07-03-08	144.48	146.00	1.52	474.02	479.00	4.99	0.4	0.000	43.8	0.004	<.1	
MC-07-03-09	146.00	147.52	1.52	479.00	483.99	4.99	0.8	0.000	50.3	0.005	<.1	
MC-07-03-10	152.50	153.00	0.50	500.33	501.97	1.64	0.8	0.000	28.5	0.003	<.1	
MC-07-03-11	163.60	163.90	0.30	536.75	537.73	0.98	0.6	0.000	27.9	0.003	<.1	
MC-07-03-12	168.50	170.00	1.50	552.82	557.74	4.92	0.4	0.000	19.7	0.002	<.1	
MC-07-03-13	173.50	173.80	0.30	569.23	570.21	0.98	0.6	0.000	19.3	0.002	<.1	
MC-07-03-14	177.00	178.00	1.00	580.71	583.99	3.28	1.1	0.000	41.5	0.004	<.1	
MC-07-03-15	199.00	200.60	1.60	652.89	658.14	5.25	0.4	0.000	22.5	0.002	<.1	
MC-07-03-16	200.60	202.00	1.40	658.14	662.73	4.59	0.6	0.000	28.7	0.003	<.1	
MC-07-03-17	202.00	203.50	1.50	662.73	667.65	4.92	0.7	0.000	40.2	0.004	<.1	
MC-07-03-18	203.50	205.00	1.50	667.65	672.57	4.92	0.5	0.000	34.5	0.003	<.1	
MC-07-03-19	205.00	206.50	1.50	672.57	677.49	4.92	0.4	0.000	47.8	0.005	<.1	
MC-07-03-20	206.50	208.00	1.50	677.49	682.41	4.92	0.4	0.000	41.1	0.004	<.1	
MC-07-03-21	208.00	209.50	1.50	682.41	687.34	4.92	0.3	0.000	44.3	0.004	<.1	
MC-07-03-22	209.50	211.00	1.50	687.34	692.26	4.92	1.5	0.000	37.9	0.004	<.1	
MC-07-03-23	211.00	212.00	1.00	692.26	695.54	3.28	0.6	0.000	57.5	0.006	<.1	
MC-07-03-24	218.80	219.10	0.30	717.85	718.83	0.98	0.4	0.000	39.9	0.004	<.1	
MC-07-03-25	228.00	229.50	1.50	748.03	752.95	4.92	0.8	0.000	46.6	0.005	<.1	
MC-07-03-26	229.50	231.00	1.50	752.95	757.87	4.92	0.6	0.000	46.4	0.005	<.1	
MC-07-03-27	232.30	232.70	0.40	762.14	763.45	1.31	0.6	0.000	37.2	0.004	<.1	
MC-07-03-28	262.20	262.60	0.40	860.24	861.55	1.31	0.9	0.000	15.8	0.002	<.1	
MC-07-03-29	262.60	264.60	2.00	861.55	868.11	6.56	1.4	0.000	37.6	0.004	0.1	0.003
MC-07-03-30	264.60	265.10	0.50	868.11	869.75	1.64	3.9	0.000	59.6	0.006	0.1	0.003
MC-07-03-31	267.90	268.20	0.30	878.94	879.92	0.98	2.6	0.000	70.4	0.007	0.1	0.003
MC-07-03-32	268.20	269.80	1.60	879.92	885.17	5.25	7.1	0.001	70.4	0.007	<.1	
MC-07-03-33	269.80	271.50	1.70	885.17	890.75	5.58	3.8	0.000	73.2	0.007	<.1	
MC-07-03-34	294.73	296.27	1.54	966.96	972.01	5.05	1.1	0.000	61.6	0.006	<.1	
MC-07-03-35	296.27	297.78	1.51	972.01	976.97	4.95	0.7	0.000	78.8	0.008	<.1	

ELEMENT SAMPLES	From (metres)	To (metres)	Width (metres)	From (Feet)	To (Feet)	Width (Feet)	Mo ppm	Mo %	Cu ppm	Cu %	Ag ppm	Ag oz/t
Hole 4												
MC-07-04-01	29.50	30.00	0.50	96.78	98.43	1.64	0.7	0.000	9.9	0.001	<.1	
MC-07-04-02	55.93	57.40	1.47	183.50	188.32	4.82	0.1	0.000	10.4	0.001	<.1	
MC-07-04-03	63.30	63.90	0.60	207.68	209.65	1.97	1.1	0.000	42.9	0.004	<.1	
MC-07-04-04	74.60	75.80	1.20	244.75	248.69	3.94	1.2	0.000	116.5	0.012	<.1	
MC-07-04-05	110.10	112.32	2.22	361.22	368.50	7.28	0.2	0.000	13.6	0.001	<.1	
MC-07-04-06	112.32	114.61	2.29	368.50	376.02	7.51	0.9	0.000	20.9	0.002	<.1	
MC-07-04-07	114.61	115.60	0.99	376.02	379.26	3.25	0.3	0.000	16.1	0.002	<.1	
MC-07-04-08	146.20	146.91	0.71	479.66	481.99	2.33	1.5	0.000	32.8	0.003	<.1	
MC-07-04-09	168.20	171.20	3.00	551.84	561.68	9.84	0.9	0.000	44.1	0.004	<.1	
MC-07-04-10	186.30	188.20	1.90	611.22	617.45	6.23	2	0.000	48.5	0.005	<.1	
MC-07-04-11	188.20	189.60	1.40	617.45	622.05	4.59	1.6	0.000	46	0.005	<.1	
Hole 5												
MC-07-05-01	3.40	4.27	0.87	11.15	14.01	2.85	8.1	0.001	34.9	0.003	<.1	
MC-07-05-02	11.90	13.40	1.50	39.04	43.96	4.92	10.2	0.001	41.9	0.004	<.1	
MC-07-05-03	18.70	19.10	0.40	61.35	62.66	1.31	594.4	0.059	37.7	0.004	0.2	0.006
MC-07-05-04	26.20	27.70	1.50	85.96	90.88	4.92	9.5	0.001	49.4	0.005	<.1	
MC-07-05-05	58.30	58.60	0.30	191.27	192.26	0.98	26.4	0.003	15.6	0.002	<.1	
MC-07-05-06	76.66	78.33	1.67	251.51	256.99	5.48	2.1	0.000	64.9	0.006	<.1	
MC-07-05-07	80.40	81.40	1.00	263.78	267.06	3.28	2.7	0.000	38.4	0.004	<.1	
MC-07-05-08	83.52	85.25	1.73	274.02	279.69	5.68	1.5	0.000	23.8	0.002	<.1	
MC-07-05-09	85.25	85.55	0.30	279.69	280.68	0.98	26.2	0.003	40.6	0.004	0.3	0.009
MC-07-05-10	85.55	87.00	1.45	280.68	285.43	4.76	3.8	0.000	22.9	0.002	<.1	
MC-07-05-11	92.75	94.25	1.50	304.30	309.22	4.92	19.1	0.002	33.3	0.003	0.2	0.006
MC-07-05-12	94.25	94.65	0.40	309.22	310.53	1.31	0.7	0.000	16.3	0.002	<.1	
MC-07-05-13	94.65	95.65	1.00	310.53	313.81	3.28	0.6	0.000	28.2	0.003	<.1	
MC-07-05-14	103.78	105.46	1.68	340.49	346.00	5.51	29.2	0.003	31.3	0.003	<.1	
MC-07-05-15	134.00	135.50	1.50	439.63	444.55	4.92	1.6	0.000	33.4	0.003	<.1	
MC-07-05-16	135.50	136.10	0.60	444.55	446.52	1.97	29.9	0.003	134.6	0.013	0.1	0.003
MC-07-05-17	136.10	137.62	1.52	446.52	451.51	4.99	13.9	0.001	23.5	0.002	<.1	
MC-07-05-18	151.50	152.20	0.70	497.05	499.34	2.30	167.8	0.017	7.5	0.001	<.1	
MC-07-05-19	156.50	157.30	0.80	513.45	516.08	2.62	1.3	0.000	5.7	0.001	0.4	0.012

ELEMENT SAMPLES	From (metres)	To (metres)	Width (metres)	From (Feet)	To (Feet)	Width (Feet)	Mo ppm	Mo %	Cu ppm	Cu %	Ag ppm	Ag oz/t
MC-07-05-20	161.40	161.60	0.20	529.53	530.18	0.66	47.5	0.005	4	0.000	0.2	0.006
MC-07-05-21	167.50	167.90	0.40	549.54	550.85	1.31	305.3	0.031	13	0.001	0.9	0.026
MC-07-05-22	171.30	172.80	1.50	562.01	566.93	4.92	8.7	0.001	5.3	0.001	<.1	
MC-07-05-23	172.80	173.10	0.30	566.93	567.91	0.98	2080	0.208	13.9	0.001	<.1	
MC-07-05-24	173.10	174.60	1.50	567.91	572.83	4.92	24.7	0.002	9.6	0.001	<.1	
MC-07-05-25	181.30	181.70	0.40	594.82	596.13	1.31	204	0.020	14.3	0.001	<.1	
MC-07-05-26	181.70	182.80	1.10	596.13	599.74	3.61	31	0.003	18.5	0.002	<.1	
MC-07-05-27	182.80	184.20	1.40	599.74	604.33	4.59	21	0.002	7.9	0.001	<.1	
MC-07-05-28	184.20	184.90	0.70	604.33	606.63	2.30	974.5	0.097	284	0.028	0.5	0.015
MC-07-05-29	184.90	186.00	1.10	606.63	610.24	3.61	59.5	0.006	9.4	0.001	0.4	0.012
MC-07-05-30	186.00	187.50	1.50	610.24	615.16	4.92	14.3	0.001	12.4	0.001	<.1	
MC-07-05-31	187.50	189.00	1.50	615.16	620.08	4.92	7.3	0.001	7.1	0.001	<.1	
MC-07-05-32	189.00	190.50	1.50	620.08	625.00	4.92	4.7	0.000	9.3	0.001	<.1	
MC-07-05-33	190.50	192.00	1.50	625.00	629.92	4.92	13.1	0.001	9.2	0.001	<.1	
MC-07-05-34	192.00	193.50	1.50	629.92	634.84	4.92	3.6	0.000	4.5	0.000	<.1	
MC-07-05-35	193.50	195.00	1.50	634.84	639.76	4.92	11.3	0.001	6	0.001	<.1	
MC-07-05-36	195.00	196.50	1.50	639.76	644.68	4.92	9.9	0.001	9.2	0.001	<.1	
MC-07-05-37	196.50	198.00	1.50	644.68	649.61	4.92	10	0.001	5.5	0.001	<.1	
MC-07-05-38	198.00	199.50	1.50	649.61	654.53	4.92	2.5	0.000	10	0.001	<.1	
MC-07-05-39	199.50	200.50	1.00	654.53	657.81	3.28	6.9	0.001	10.2	0.001	<.1	
MC-07-05-40	200.50	201.50	1.00	657.81	661.09	3.28	31.7	0.003	14.6	0.001	<.1	
MC-07-05-41	201.50	202.50	1.00	661.09	664.37	3.28	4560	0.456	21.3	0.002	1	0.029
MC-07-05-42	202.50	203.50	1.00	664.37	667.65	3.28	2260	0.226	2.4	0.000	0.2	0.006
MC-07-05-43	203.50	204.50	1.00	667.65	670.93	3.28	5610	0.561	13.8	0.001	0.2	0.006
MC-07-05-44	204.50	205.60	1.10	670.93	674.54	3.61	13860	1.386	5.5	0.001	0.4	0.012
MC-07-05-45	205.60	207.10	1.50	674.54	679.46	4.92	2220	0.222	6.8	0.001	<.1	
MC-07-05-46	207.10	208.80	1.70	679.46	685.04	5.58	19930	1.993	187.9	0.019	2.1	0.061
MC-07-05-47	208.80	210.30	1.50	685.04	689.96	4.92	103.9	0.010	6.7	0.001	<.1	
MC-07-05-48	210.30	211.80	1.50	689.96	694.88	4.92	229.4	0.023	10.9	0.001	<.1	
MC-07-05-49	211.80	213.30	1.50	694.88	699.80	4.92	53.1	0.005	10.3	0.001	0.1	0.003
MC-07-05-50	213.30	214.80	1.50	699.80	704.72	4.92	36.5	0.004	8.6	0.001	<.1	
MC-07-05-51	214.80	216.30	1.50	704.72	709.65	4.92	12.5	0.001	8.4	0.001	<.1	
MC-07-05-52	216.30	217.63	1.33	709.65	714.01	4.36	17.8	0.002	5.8	0.001	0.1	0.003

Interval #9: 41 to 46 **7.30 m** **23.95 feet**

Length-Weighted Average for:

Cu	**0.00511**	**%**	**over**	**7.300**	**Metres**
Mo	**0.88886**	**%**	**over**	**7.300**	**Metres**
Ag	**0.00511**	**oz/t**	**over**	**7.300**	**Metres**

MF07-6-1	13.85	14.15	0.30	45.44	46.42	0.98	11.9	0.001	9	0.001	<0.1	
MF07-06-2	59.25	59.50	0.25	194.39	195.21	0.82	565	0.057	3.5	0.000	<0.1	
MF07-06-3	68.60	68.72	0.12	225.07	225.46	0.39	1292	0.129	9.4	0.001	<0.1	
MF07-6-4	72.43	72.52	0.09	237.63	237.93	0.30	385	0.039	5.6	0.001	<0.1	
MF07-6-5	78.37	78.74	0.37	257.12	258.33	1.21	91.9	0.009	16.5	0.002	0.1	0.003
MF07-6-6	85.05	85.14	0.09	279.04	279.33	0.30	98.5	0.010	12.5	0.001	0.1	0.003
MF07-6-7	89.32	89.58	0.26	293.04	293.90	0.85	367.6	0.037	11.9	0.001	<0.1	
MF07-6-8	90.24	90.61	0.37	296.06	297.28	1.21	4.2	0.000	6.2	0.001	<0.1	

ELEMENT SAMPLES	From (metres)	To (metres)	Width (metres)	From (Feet)	To (Feet)	Width (Feet)	Mo ppm	Mo %	Cu ppm	Cu %	Ag ppm	Ag oz/t
MF07-6-9	90.85	91.04	0.19	298.06	298.69	0.62	83.7	0.008	4.3	0.000	<0.1	
MF07-6-10	91.41	91.65	0.24	299.90	300.69	0.79	10.5	0.001	5.1	0.001	<0.1	
MF07-6-11	92.25	92.37	0.12	302.66	303.05	0.39	56.7	0.006	9.3	0.001	<0.1	
MF07-6-12	102.40	102.92	0.52	335.96	337.66	1.71	0.8	0.000	4.5	0.000	<0.1	
MF07-6-13	108.64	108.82	0.18	356.43	357.02	0.59	50.7	0.005	13.2	0.001	<0.1	
MF07-6-14	109.41	109.58	0.17	358.96	359.51	0.56	54.2	0.005	11.2	0.001	<0.1	
MF07-6-15	111.51	111.62	0.11	365.85	366.21	0.36	59.6	0.006	9.8	0.001	<0.1	
MF07-6-16	116.60	117.03	0.43	382.55	383.96	1.41	57	0.006	6.2	0.001	<0.1	
MF07-6-17	121.07	121.43	0.36	397.21	398.39	1.18	337.2	0.034	8.8	0.001	<0.1	
MF07-6-18	122.10	122.72	0.62	400.59	402.62	2.03	316.9	0.032	9.1	0.001	<0.1	
MF07-6-19	125.80	126.05	0.25	412.73	413.55	0.82	10.9	0.001	5.9	0.001	<0.1	
MF07-6-20	126.75	127.31	0.56	415.85	417.68	1.84	124.1	0.012	8.4	0.001	<0.1	
MF07-6-21	137.16	137.41	0.25	450.00	450.82	0.82	154.1	0.015	5.6	0.001	<0.1	
MF07-6-21B	137.79	138.00	0.21	452.07	452.76	0.69	124.2	0.012	10.7	0.001	<0.1	
MF07-6-22	147.27	148.64	1.37	483.17	487.66	4.49	240.2	0.024	3.4	0.000	<0.1	
MF07-6-23	149.17	149.39	0.22	489.40	490.12	0.72	2.9	0.000	2.2	0.000	<0.1	
MF07-6-24	149.95	150.18	0.23	491.96	492.72	0.75	15.8	0.002	2.8	0.000	<0.1	
MF07-6-25	169.82	170.26	0.44	557.15	558.60	1.44	18.7	0.002	11.6	0.001	<0.1	
MF07-6-26	175.76	175.95	0.19	576.64	577.26	0.62	211.8	0.021	7.1	0.001	<0.1	
MF07-07-1	32.50	33.00	0.50	106.63	108.27	1.64	10.8	0.001	74.5	0.007	<0.1	
MF07-07-2	227.88	228.35	0.47	747.64	749.18	1.54	212.7	0.021	8.4	0.001	<0.1	
MF07-07-3	238.32	238.83	0.51	781.89	783.56	1.67	13.6	0.001	3	0.000	<0.1	
MF07-07-4	254.30	254.44	0.14	834.32	834.78	0.46	30.2	0.003	4.7	0.000	<0.1	
MF07-07-5	260.60	260.81	0.21	854.99	855.68	0.69	4.6	0.000	9.1	0.001	0.2	0.006
MF07-09-01	76.26	76.38	0.12	250.20	250.59	0.39	>2000.0		56.6	0.006	0.3	0.009
MF07-09-02	82.48	82.53	0.05	270.60	270.77	0.16	974.2	0.097	48.8	0.005	0.2	0.006
MF07-09-03	83.70	83.79	0.09	274.61	274.90	0.30	1179	0.118	10.9	0.001	<0.1	
MF07-09-04	108.21	108.49	0.28	355.02	355.94	0.92	8	0.001	185.6	0.019	0.2	0.006
MF07-09-05	110.17	110.48	0.31	361.45	362.47	1.02	961.5	0.096	8.1	0.001	<0.1	
MF07-09-06	110.48	110.54	0.06	362.47	362.66	0.20	>2000.0		6	0.001	0.3	0.009
MF07-09-07	110.54	110.56	0.02	362.66	362.73	0.07	>2000.0		3.4	0.000	<0.1	
MF07-09-08	110.59	110.64	0.05	362.83	362.99	0.16	1597	0.160	4.4	0.000	0.1	0.003
MF07-09-09	112.70	112.79	0.09	369.75	370.05	0.30	61.1	0.006	103.9	0.010	0.3	0.009
MF07-09-10	112.79	113.16	0.37	370.05	371.26	1.21	420.9	0.042	8.6	0.001	<0.1	
MF07-09-11	113.16	113.26	0.10	371.26	371.59	0.33	25.7	0.003	17.5	0.002	<0.1	
MF07-09-12	117.20	117.27	0.07	384.51	384.74	0.23	>2000.0		9.7	0.001	0.1	0.003
MF07-09-13	149.14	149.32	0.18	489.30	489.89	0.59	817.9	0.082	8.8	0.001	0.4	0.012
MF07-09-14	149.32	149.39	0.07	489.89	490.12	0.23	>2000.0		72.4	0.007	3	0.088
MF07-09-15	149.39	149.46	0.07	490.12	490.35	0.23	99.9	0.010	3.1	0.000	<0.1	
MF07-09-16	149.46	149.57	0.11	490.35	490.72	0.36	90.4	0.009	791.5	0.079	0.7	0.020
MF07-09-17	149.57	149.71	0.14	490.72	491.17	0.46	1131	0.113	1866	0.187	1.3	0.038
MF07-09-17A	149.71	151.21	1.50	491.17	496.10	4.92	261.7	0.026	7.2	0.001	<0.1	
MF07-09-18	150.24	150.34	0.10	492.91	493.24	0.33	48.2	0.005	58	0.006	0.8	0.023
MF07-09-19	150.34	150.41	0.07	493.24	493.47	0.23	65.7	0.007	31.5	0.003	0.1	0.003
MF07-09-25	155.86	156.00	0.14	511.35	511.81	0.46	1622	0.162	65.4	0.007	<0.1	
MF07-09-20	172.18	172.24	0.06	564.89	565.09	0.20	485.8	0.049	67.7	0.007	0.2	0.006
MF07-09-21	172.24	172.35	0.11	565.09	565.45	0.36	1085	0.109	5.4	0.001	0.3	0.009
MF07-09-22	172.35	172.42	0.07	565.45	565.68	0.23	772.1	0.077	7.5	0.001	<0.1	
MF07-09-23	172.42	172.48	0.06	565.68	565.88	0.20	>2000.0		16.9	0.002	0.1	0.003
MF07-09-24	173.14	173.30	0.16	568.04	568.57	0.52	284.2	0.028	9.4	0.001	0.1	0.003
MF07-09-26	180.38	180.61	0.23	591.80	592.55	0.75	342.3	0.034	15.8	0.002	0.2	0.006
MF07-09-27	180.72	180.80	0.08	592.91	593.18	0.26	47.8	0.005	2.5	0.000	<0.1	

ELEMENT SAMPLES	From (metres)	To (metres)	Width (metres)	From (Feet)	To (Feet)	Width (Feet)	Mo ppm	Mo %	Cu ppm	Cu %	Ag ppm	Ag oz/t
MF07-09-28	180.80	180.93	0.13	593.18	593.60	0.43	23.7	0.002	3.2	0.000	<0.1	
MF07-09-29	180.93	181.07	0.14	593.60	594.06	0.46	>2000.0		5	0.001	0.3	0.009
MF07-09-30	181.07	181.12	0.05	594.06	594.23	0.16	>2000.0		18.3	0.002	0.3	0.009
MF07-09-31	187.46	187.50	0.04	615.03	615.16	0.13	201	0.020	13.1	0.001	<0.1	
MF07-09-32	187.50	187.53	0.03	615.16	615.26	0.10	533.7	0.053	1.8	0.000	<0.1	
MF07-09-33	187.53	187.56	0.03	615.26	615.35	0.10	427.5	0.043	8	0.001	<0.1	
MF07-09-34	187.85	188.10	0.25	616.31	617.13	0.82	274.4	0.027	6.9	0.001	0.1	0.003
MF07-09-35	191.10	191.18	0.08	626.97	627.23	0.26	106.5	0.011	4	0.000	0.3	0.009
MF07-09-36	191.18	191.27	0.09	627.23	627.53	0.30	32.8	0.003	8.1	0.001	2.2	0.064
MF07-09-37	191.27	191.44	0.17	627.53	628.08	0.56	4.7	0.000	8.8	0.001	0.8	0.023
MF07-09-38	191.44	191.50	0.06	628.08	628.28	0.20	252.4	0.025	6.4	0.001	<0.1	
MF07-09-39	191.50	191.56	0.06	628.28	628.48	0.20	209.4	0.021	11	0.001	0.2	0.006
MF07-09-40	194.86	195.08	0.22	639.30	640.03	0.72	157	0.016	2.9	0.000	0.2	0.006
MF07-09-41	195.08	195.15	0.07	640.03	640.26	0.23	2.5	0.000	2.2	0.000	0.3	0.009
MF07-09-43	207.22	207.37	0.15	679.86	680.35	0.49	940.8	0.094	6	0.001	<0.1	
MF07-09-44	218.11	218.33	0.22	715.58	716.31	0.72	179.9	0.018	11.9	0.001	<0.1	
MF07-09-45	226.17	226.46	0.29	742.03	742.98	0.95	1112	0.111	9.1	0.001	<0.1	
MF07-10-56	22.34	22.46	0.12	73.29	73.69	0.39	1846	0.185	22.2	0.002	<0.1	
MF07-10-46	24.47	24.62	0.15	80.28	80.77	0.49	955.1	0.096	32.9	0.003	<0.1	
MF07-10-47			0.00	0.00	0.00	0.00	1857	0.186	74.2	0.007	0.2	0.006
MF07-10-48	26.97	27.13	0.16	88.48	89.01	0.52	935.6	0.094	8.2	0.001	0.5	0.015
MF07-10-49	27.13	27.56	0.43	89.01	90.42	1.41	224.1	0.022	10	0.001	<0.1	
MF07-10-51	42.33	42.54	0.21	138.88	139.57	0.69	>2000.0		22.2	0.002	<0.1	
MF07-10-52			0.00	0.00	0.00	0.00	978.9	0.098	43.7	0.004	<0.1	
MF07-10-57	51.23	51.34	0.11	168.08	168.44	0.36	813	0.081	64.1	0.006	0.2	0.006
MF07-10-53	54.39	54.53	0.14	178.44	178.90	0.46	924.4	0.092	61.7	0.006	<0.1	
MF07-10-54	58.10	58.19	0.09	190.62	190.91	0.30	1824	0.182	61.7	0.006	0.2	0.006
MF07-10-55	65.87	66.06	0.19	216.11	216.73	0.62	423.2	0.042	8	0.001	<0.1	
MF07-10-58	194.16	196.76	2.60	637.01	645.54	8.53	1017	0.102	37.3	0.004	<0.1	
MF07-10-59	201.91	202.05	0.14	662.43	662.89	0.46	>2000.0		20.1	0.002	<0.1	
MF07-10-60	204.38	204.66	0.28	670.54	671.46	0.92	355.6	0.036	46.3	0.005	5.4	0.158
MF07-10-61	205.86	206.40	0.54	675.39	677.17	1.77	992.6	0.099	9.7	0.001	0.7	0.020
MF07-10-62	215.14	215.57	0.43	705.84	707.25	1.41	480.5	0.048	5	0.001	0.4	0.012
MF07-10-63	215.88	216.06	0.18	708.27	708.86	0.59	>2000.0		76.1	0.008	0.5	0.015
MF07-10-64	217.23	217.52	0.29	712.70	713.65	0.95	347.6	0.035	24.1	0.002	0.2	0.006
MF07-10-65	217.76	217.98	0.22	714.44	715.16	0.72	9.3	0.001	12.4	0.001	0.2	0.006
MF07-10-66	220.96	221.13	0.17	724.93	725.49	0.56	1480	0.148	18.4	0.002	0.2	0.006
MF07-10-67	222.57	222.87	0.30	730.22	731.20	0.98	1038	0.104	11.7	0.001	0.3	0.009
MF07-10-68	222.87	223.12	0.25	731.20	732.02	0.82	387.3	0.039	11.2	0.001	<0.1	
MF07-10-69	225.53	225.75	0.22	739.93	740.65	0.72	1165	0.117	11.5	0.001	10.9	0.318
MF07-10-70	235.46	235.58	0.12	772.51	772.90	0.39	475.8	0.048	37.2	0.004	0.2	0.006

APPENDIX F

FIELD NOTES

McFarlane July 30th/07
Along line MF-D

Station 1: 521180 5491637
Foliation: 182/53 340/73
Fine-grained, grey coloured with slatey cleavage
Sheen appearance at the surface
Makes pinging noise when struck
Outcrop approximately 50m long along road

521236 5491612
As described above
Outcrop: shows apparent bedding – banded light to dark grey colours up to 10 cm wide
Appears deformed

Station 2: 521292 5491572
Outcrop: as described above ~3m long
Foliation: 350/55

Station 3: 521512 491540
Spaced cleavage, fine-grained, grey colour, weathers light grey to brown, well-foliated
At least S_0 and S_1, possibly S_2 present
No good places for a measurement but general strike is ~170 degrees

Station 4: 521568 5491572
Outcrop: <1m wide
Light grey-coloured and well-foliated, sheen on cleavage planes, <0.2 cm Fe stains
Weathers black to Fe-brown

Station 5: 521618 5491590
Outcrop: < 40 cm long x 20 cm wide, ~800cm^2
Showing apparent bedding perpendicular to foliation
Foliation measurement: 170/82
Evidence of shearing (photo) – Fe-stained area ~2cm wide with S-shear fabric – trending ~192^0 (oblique to foliation)
Shear fabric within fine-grained, light grey coloured rock; well-foliated with brown patchy weathering

Station 6: 521715 5491646
Outcrop: weathered brown-purple
Abundant cubic pyrite crystals, spaced cleavage

Station 7: 521735 5491670
Outcrop: fine-grained with crystalline fabric
Foliation: 166/75
Discontinuous Fe bands <0.5cm wide, parallel to foliation fabric

Foliation spaced up to 0.2cm apart

Station 8: 521840 5491756
Outcrop: as described above, light grey coloured, well-foliated texture

Station 9: 521868 5491908
Outcrop: well-folded apparent bedding, oblique to the dominant foliation
Photo shows scale of parasitic folds
Trend and plunge of fold hinge: 34 / 010
Weathers brown to black

Station 10: 521858 5491914
Outcrop:~10 metres from previous station, folded, weathered brown to grey colours
Bluish-grey - black fresh surface, well-foliated

McFarlane July 31st/07

Station 1: 516946 5494706
Outcrop: fine-grained, greenish-grey colour, well-foliated
Quartz veining, appears vuggy to coarse-grained and massive quartz is parallel to the measured foliation
Foliation measurements: 012/42 , 012/50, 022/70

Station 2: 516914 5494952
Outcrop: Fe-stained with float showing vuggy weathered appearance
Light grey colour, well-foliated, quartz-rich layers, tightly spaced foliation <0.2cm wide slightly "bent"

Station 3: 516881 5494911
Chip sample site – outcrop approximately 35 metres long
Foliation 352/55
Biotite-muscovite-plag-quartz ± chlorite schist, finely well-foliated with <<0.2cm spacing
Soft to the touch, sericite from plagioclase

516875 5494907
Contact with quartz monzonite intrusive, medium-grained, salt and pepper coloured, recrystallized in places, becoming dioritic and fine-grained moving east.
Contact sharp along 256/78

516849 5494878
Quartz vein with showing of Mo at ~064/80
Photo (#100 - 0955) - station 4 - facing 158^0
Foliation measurement of 008/55, on slightly foliated qtz + chl + plag schist with up to 2 cm long quartz phenocrysts in plated texture

Station 4: 516834 5494845
Outcrop: Musc-plag-bio-schist
Well-foliated, soft (sericite) and <<0.2cm spacing between foliation / cleavage planes

Station 5: 516834 5494835
Outcrop: Fe-stained and weathered grey-brown colour, well-foliated, schistose texture
- Bio - musc - plag

Station 6: 516748 5494680
Outcrop: Plag-chl-schist, well-foliated

Station 7: 516748 5494632
Massive quartz vein ~1m across outcrop, weathered light brown colour, contacts sharp with schistose textured, green-grey coloured host meta-sediments
- Aligned coarse-grained quartz crystals (appears to be a quartzite)
- Bio, qtz, plag aligned
- appears to have dioritic protolith

Station 8: 516706 5494504
Outcrop: Weathered brown, appears foliated, chl-plag rich schistose

Station 9: 516679 5494378
Outcrop: Musc-plag-chl, well-foliated, weathered to dark brown colour
Fe-oxide <1.0 cm wide within fresh surfaces from pyrite
No place for measurement

Station 10: 516598 5494160
Outcrop: Foliation measurement 180/80
Weathers brown Fe-oxide colour, fresh surface is light grey with plag+chl+musc

Station 11: 516617 5494187
Outcrop: well-foliated Fe-stained and weathered brown surface
Appears slightly folded (photo – station 11), photo facing North (000°), #100-0956
Rock type as described above
Fold axis 15 / 010
Foliation measurement - 190/66
Finely foliated
Measurement of 190/74

Station 12: 516604 5494228
Outcrop: Fe staining/oxidization, folding apparent (as described above)
Foliation measurement - 186/80, 182/85
Musc-plag-chl schistose

Station 13: 516588 5494256
As described above

Station 14: 516583 5494286
Outcrop: Pervasively bleached intrusive, hard, Fe-oxidized
Sharp, defined contact with well-foliated chl+plag+musc schist

Station 15: 516534 5494413
Outcrop ~10m long
Foliation measurements - 190/85 , 196/85
Well-foliated, musc-plag-quartz-chl

Station 16: 516320 5494802
Bleached intrusive with massive quartz vein
Diorite to monzonite composition (same as previous igneous dyke)
Qtz vein in contact with intrusive as float, not in outcrop – may be covered by clearcut
Muscovite alteration in intrusive and quartz vein (sericite alteration dominant)
Sericite (dusty) in igneous body

Granitic float dominant >200m either side of BEN DERBY ADIT

BEN DERBY ADIT: 516235 5494465
Driven into 1.2m wide quartz vein to ~062, turning to ~055 ~25 metres from entrance
Adit ~50 metres into mountain
Massive quartz hosting Mo disseminated to locally massive
Musc alteration pervasive with possible epidote alteration

APPENDIX G

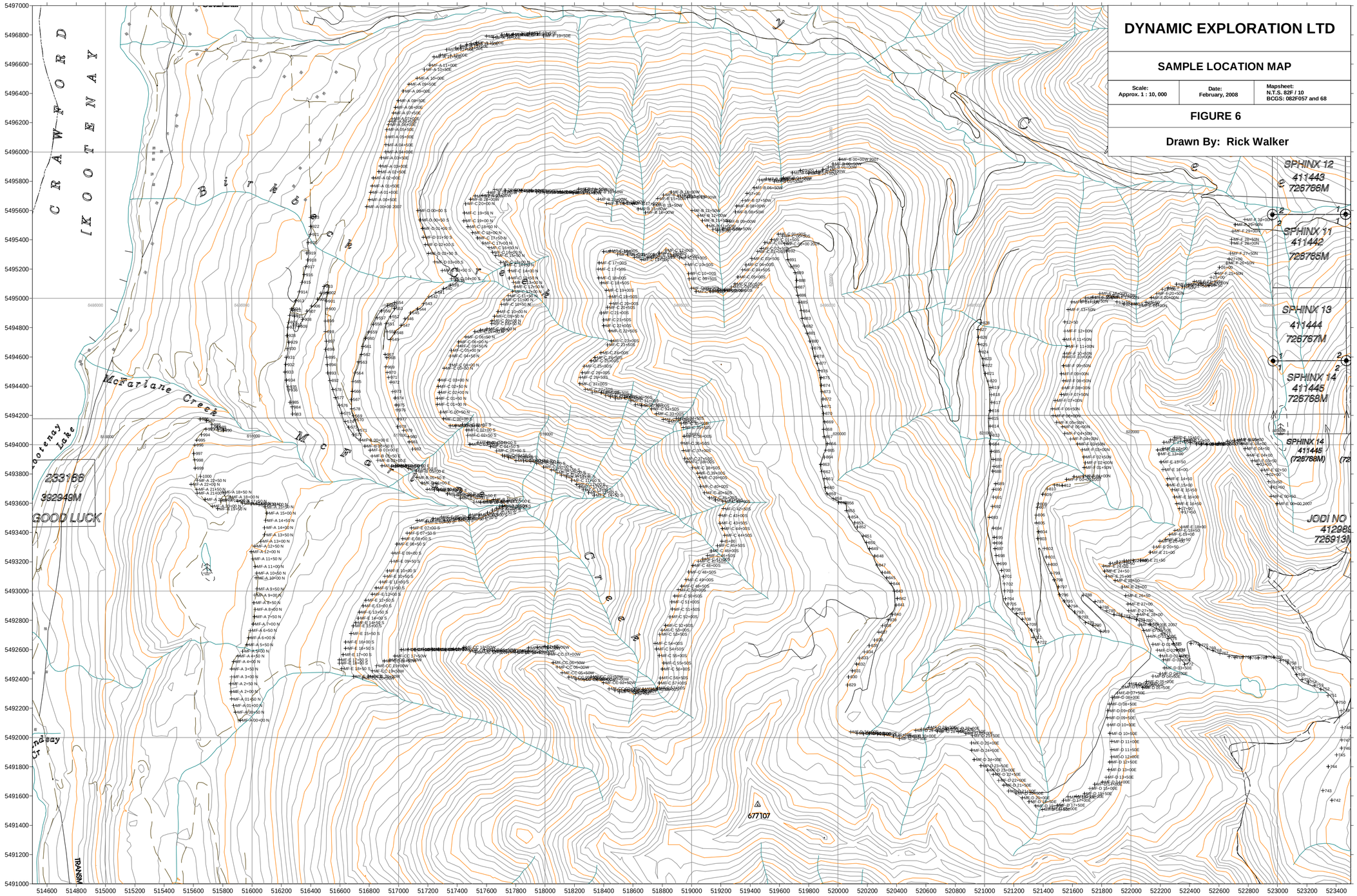
STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

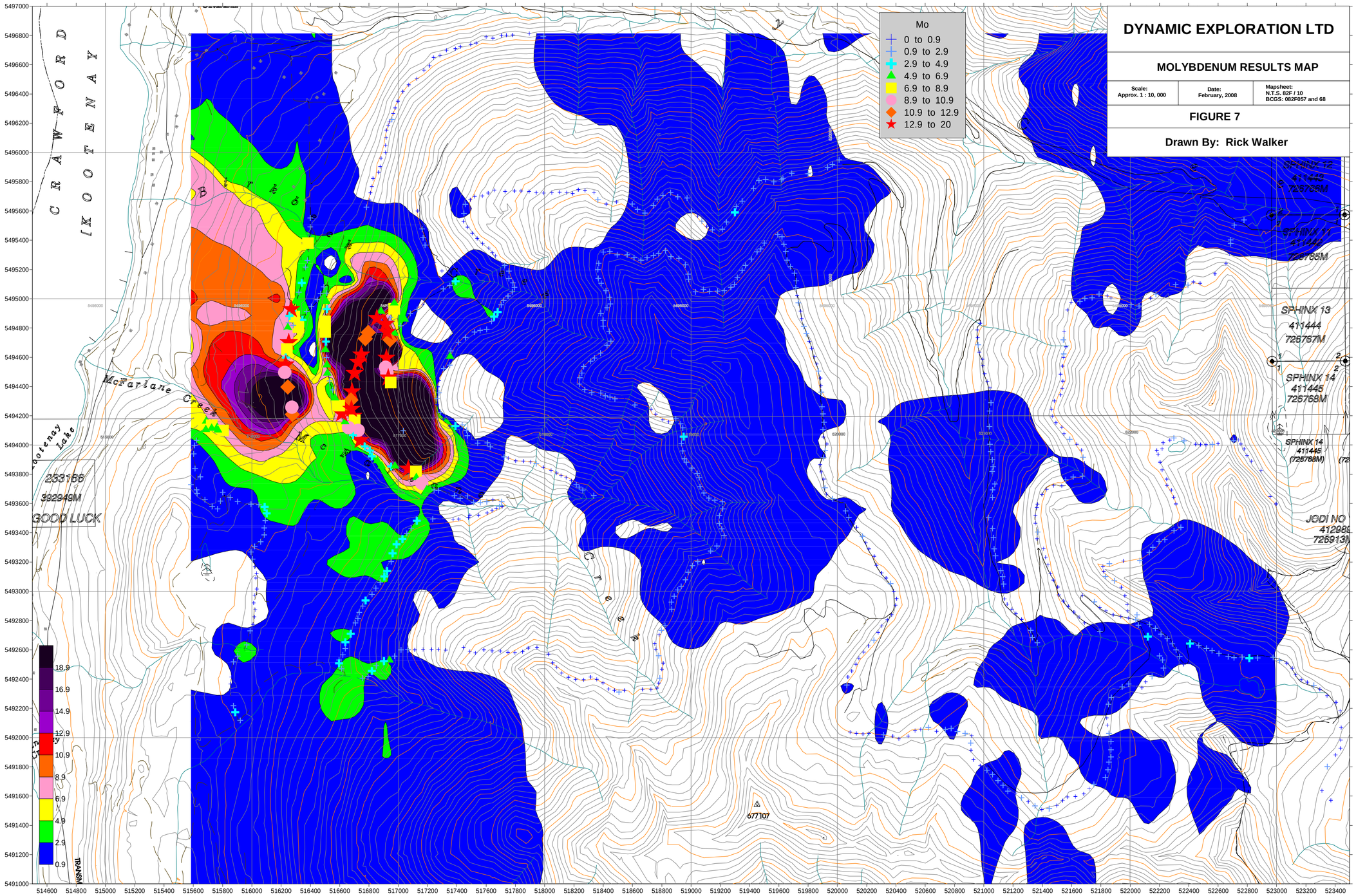
The following expenses were incurred on the MCFARLANE property between April 15 and September 20, 2007.

PERSONNEL		
Geologist - 22 days at $450/day		
Field Manager - 18 days at $350/day		$ 9,900.00
Field Crew - 56 days @ $250 / day		$ 6,300.00
	Sub-Total	$ 14,000.00
		$ 30,200.00
EQUIPMENT RENTAL		
4WD Truck - mileage - 8,523 km @ $0.75 / km		
Accommodation		$ 6,392.25
Mobile radios (Trucks) - 5 days at $20 / day		$ 877.10
Hand-held Radios - 42 man-days at $10 / day		$ 100.00
Digital Camera - 4 days at $20 / day		$ 420.00
Flat Deck - core haul - 11 days at $150 / day		$ 80.00
Quads - 22 man-days at $100 / day		$ 1,650.00
Chain Saw - 6 days at $30 / day		$ 3,300.00
Satellite Phone -		$ 180.00
Storage Trailer (Equipment) - 6 days at $20 / day		$ 115.50
	Sub-Total	$ 120.00
		$ 13,234.85
DIAMOND DRILLING		
1209.43 m at 100 /		
		$ 120,943.00
FIELD SUPPLIES (Flagging, KRAFT bags, etc.)		
74 man-days @ $20 / day		
		$ 1,480.00
DISBURSEMENTS		
Analyses - 435 soil samples at $25 / sample		
- 121 Core Samples at $25 / sample		$ 10,875.00
- 34 Chip Samples at $25 / sample		$ 3,025.00
Fuel		$ 850.00
Field Supplies		$ 1,283.64
Grass Seed		$ 198.63
Groceries		$ 141.78
Office Supplies		$ 347.93
Meals		$ 90.46
Plotting		$ 782.51
Shipping		$ 691.99
	Sub-Total	$ 1,090.09
		$ 19,377.03
REPORT/REPRODUCTION		
R. T. Walker, P.Geo.: 10.0 days report writing / drill logs at $500/day		
7.0 days analysis / drafting at $500 / day		$ 5,000.00
	Sub-Total	$ 3,500.00
		$ 8,500.00
	Total	
		$ 193,734.88

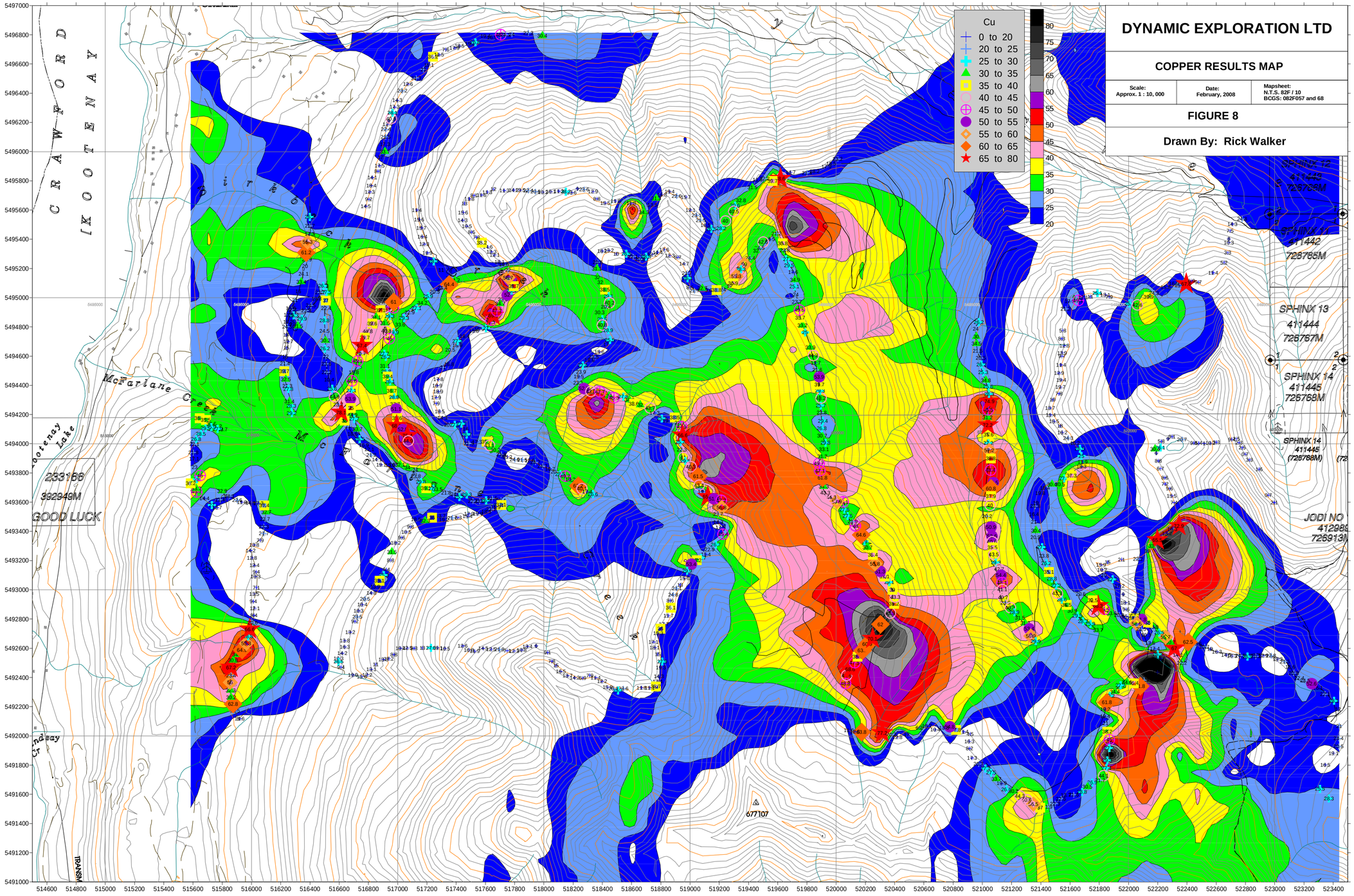
Mc Farlane Property



Mc Farlane Property



Mc Farlane Property



Mc Farlane Property