Final Report

for the

Florence Creek Prospecting Project

NTS 115H10 & 15
Whitehorse Mining Division
Yukon Territory, Canada
61º55'N Lat., 136º32'W Long.

Funded Under Grant YMEP-15-076

Yukon Mineral Exploration Program
(Focused Regional Module)

March 21, 2016

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On behalf of

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2.0 SUMMARY

The Florence Creek target area is centred approximately 20 km southwest of Carmacks, Yukon and is thought to be prospective for porphyry Cu-Au-Mo, epithermal Au-Ag, and/or ultramafic associated Pt-Pd mineralization in Triassic-Jurassic intrusive rocks of the Stikine Terrane. Nearby examples of these deposits include the Tahte Cu-Au-Mo porphyry prospect 24 km west, the Carmacks Copper Cu-Au alkaline porphyry deposit 40 km north, the past-producing Mount Nansen epithermal Au-Ag mine 35 km NW, and the Kirkland creek epithermal Au-Ag prospect 20 km SW. There is also potential for Late Cretaceous porphyry or epithermal mineralization similar to Casino, Sonora Gulch, Revenue, Klaza and Hopper.

Au-Pt placer deposits are present in Florence Creek; however, their source has never been explained. In addition, several strong Au in stream silt anomalies are present in other nearby drainages in this area. Despite the relatively good location and access, and the economic attractiveness of these commodities and deposit types, exploration in this region has been historically hampered by lack of outcrop, deep weathering, thick gravels, subdued terrain, windblown glacial silt (loess), volcanic ash, and permafrost.

There are few known prospects and only a handful of quartz claims in the target area. Previous work has included small prospecting programs, placer testing and limited drilling at the Tahte prospect. Good government airborne magnetic coverage is present, and several strong magnetic anomalies and lineaments are worthy of follow-up.

The purpose of the project was to complete detailed prospecting and soil sampling in the Florence Creek area to identify the source of these placers and Au in silt anomalies.

A total of 12 man-days of prospecting and sampling was completed by a three-person crew during the period August 21 to 24, 2015. Access to the field area was primarily by helicopter, ATV and truck, leading to the collection 166 soil/humus/silt samples and 5 rock samples. Rock types encountered were just barren, fresh granodiorite to monzonite.

Despite the presence of placer workings in the area and anomalous gold in government silt samples (1985 Survey), no significant mineralization, veining, or alteration were identified by the field work, and therefore, the work was curtailed early. Prospecting was also hampered by the presence of extensive glacial till cover.

Analytical results were disappointing with maximum values in soil, silt or humus of 58 and 32 ppb Au, 9.7 ppm Mo, 116 and 102 ppm Cu, and 74 ppm Pb. These were all single site anomalies with little correlation between anomalous elements. The highest values for rock samples are only 5 ppb Au and 121.55 ppm Cu. The mid-2015 release of government re-analysis of Regional Geochemical Survey silt samples suggests that the original (1985) silt anomalies may be false, and is of great concern. The source of the Florence placer was not explained, and no further work is recommended in this area.

3.0 PROJECT LOCATION AND LAND STATUS

The Florence Creek target area is centred 20 km southwest of the village of Carmacks in the Whitehorse Mining Division (Figures 1-5). It is located on NTS map sheets 115I01, 115I02, and 115H15 and 115H16. The target area is centred at approximately 61º55'N Lat., 136º32'W Long. Elevations range from approximately 900 to 1300 m and tree line is at approximately 1350 m.

In terms of infrastructure, the project area lies 5 to 30 km west of the Klondike Highway (#2) and the Yukon electrical grid. The Mt Nansen mine road crosses the northern part of the target area, and a rough ATV trail accesses the Florence Creek placer workings to the south. Overall, the proximity to all-weather roads and the Yukon grid makes the Florence area an attractive site for possible future mine development.

Claim Status, Ownership and Land Use

Only a handful of claims are present in the area. Several large blocks controlled by the Yukon Exploration Syndicate have now lapsed. The Suzi 1-91 quartz claims to the west are owned 100% by the applicant, Cathro Resources Corp. The applicant holds varying interests in several other mineral properties in Yukon including the Oro, Elko, and Nash blocks in Mayo Mining Division.

The Florence area lies within the shared traditional territories of the Little Salmon Carmacks and Champagne and Aishihik First Nations. Several small "Category B" First Nations surveyed settlement areas are present, however, the proposed work program will avoid those.

No existing or proposed parks are present in the area of interest, however the entirety of the target area is within the Nisling River Wildlife Reserve, a designation that does not restrict mineral exploration or mining.

4.0 ACCESS

The northern and central parts of the project area (Figures 2-5) are accessible by the Mt. Nansen mine road and a rough ATV trail to the Florence placer workings respectively. In addition, the area can be reached by helicopter from Carmacks (10-40 km) or Whitehorse (140 km). Trans North Helicopters operates a permanent base at Carmacks. A Trans North Bell 206B was used for this prospecting program. In addition, roads and trails were investigated in the northeast portion of the area.

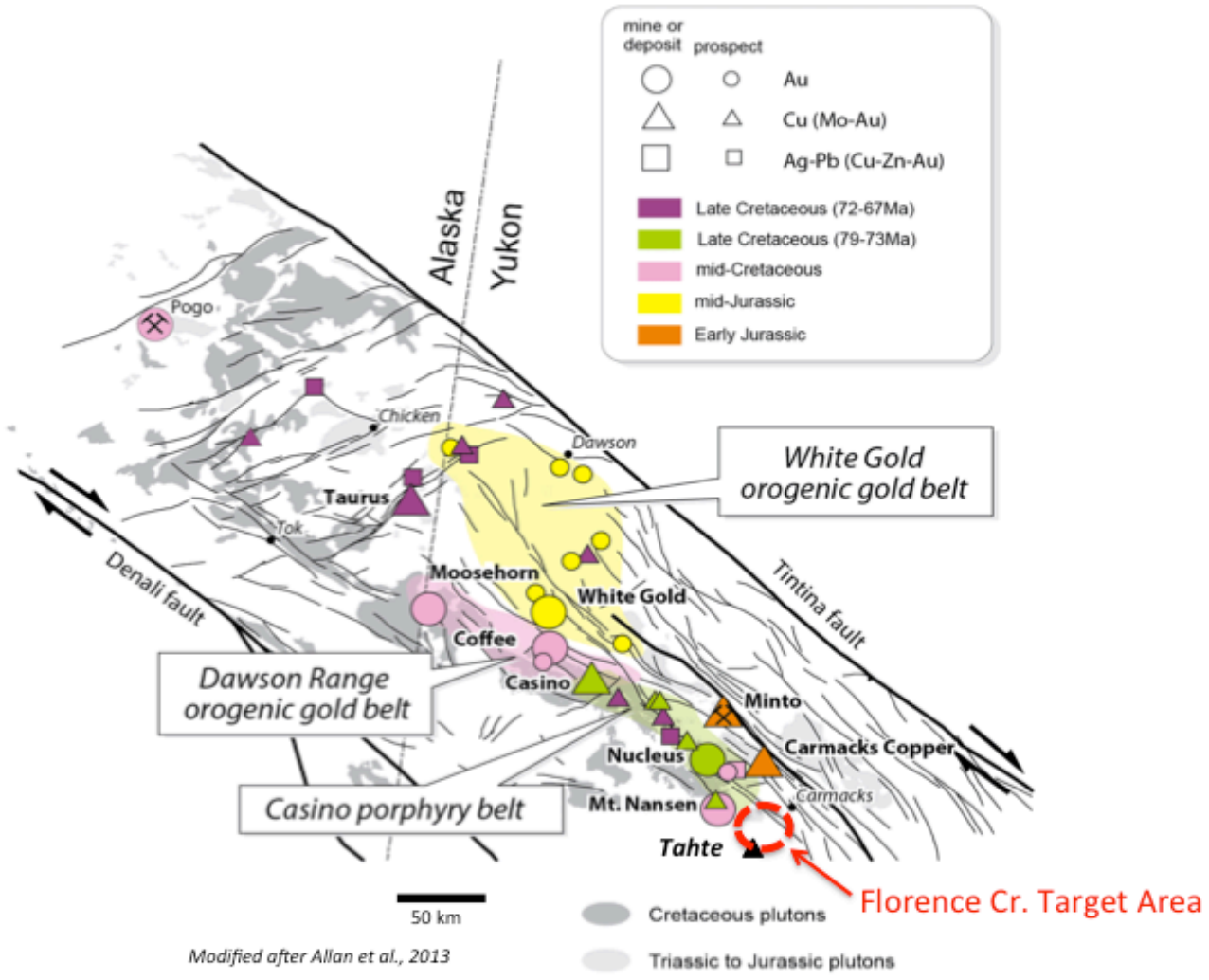

Figure 1. Location map of the Florence target area in relation to key metallogenic belts in SW Yukon (from MDRU)

Florence Cr Target Area and Land Status

(March 30 2015)

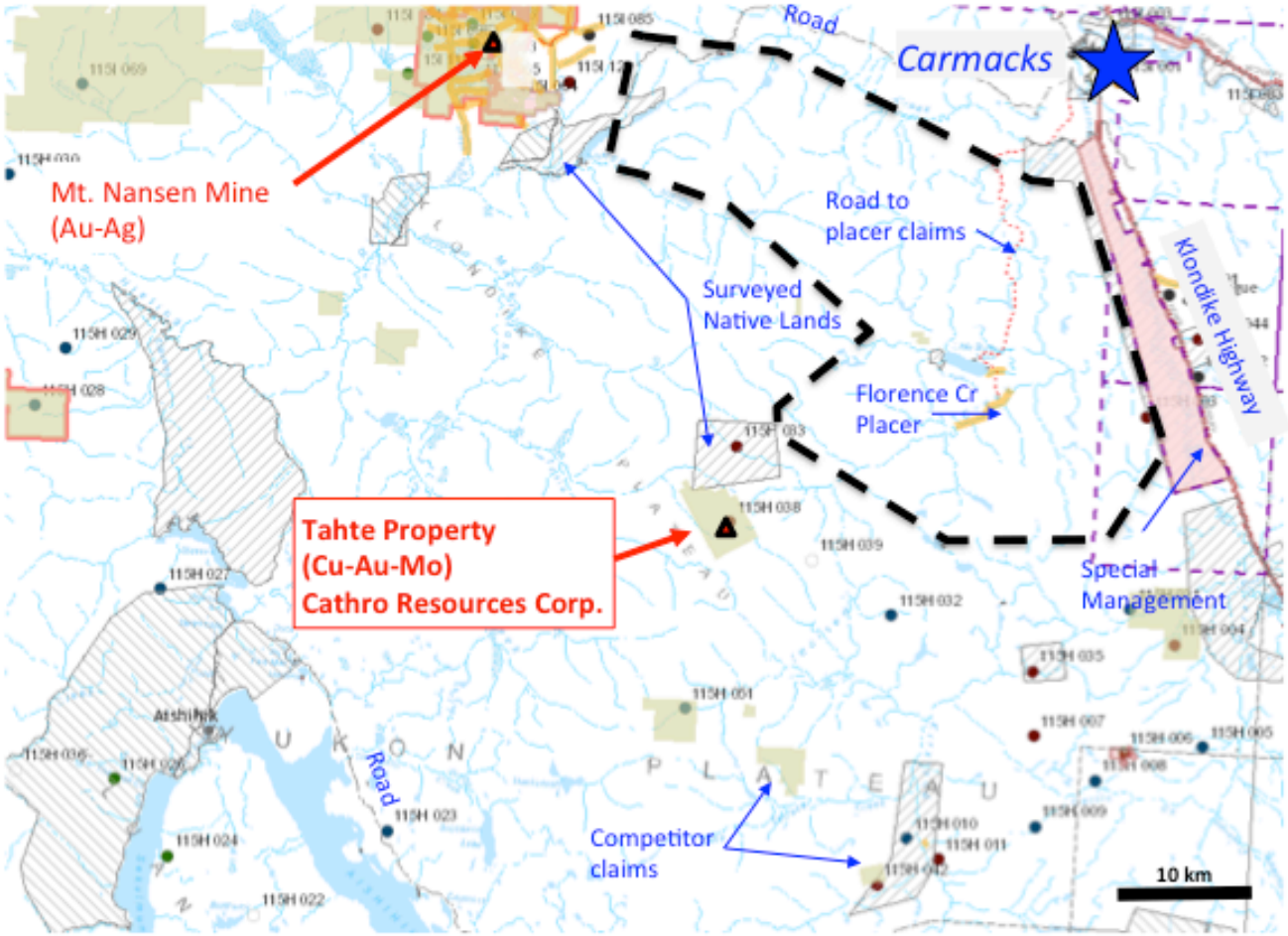

Figure 2. Map showing the Florence target area in relation to claims, roads, land status, MINFILE occurrences and towns.

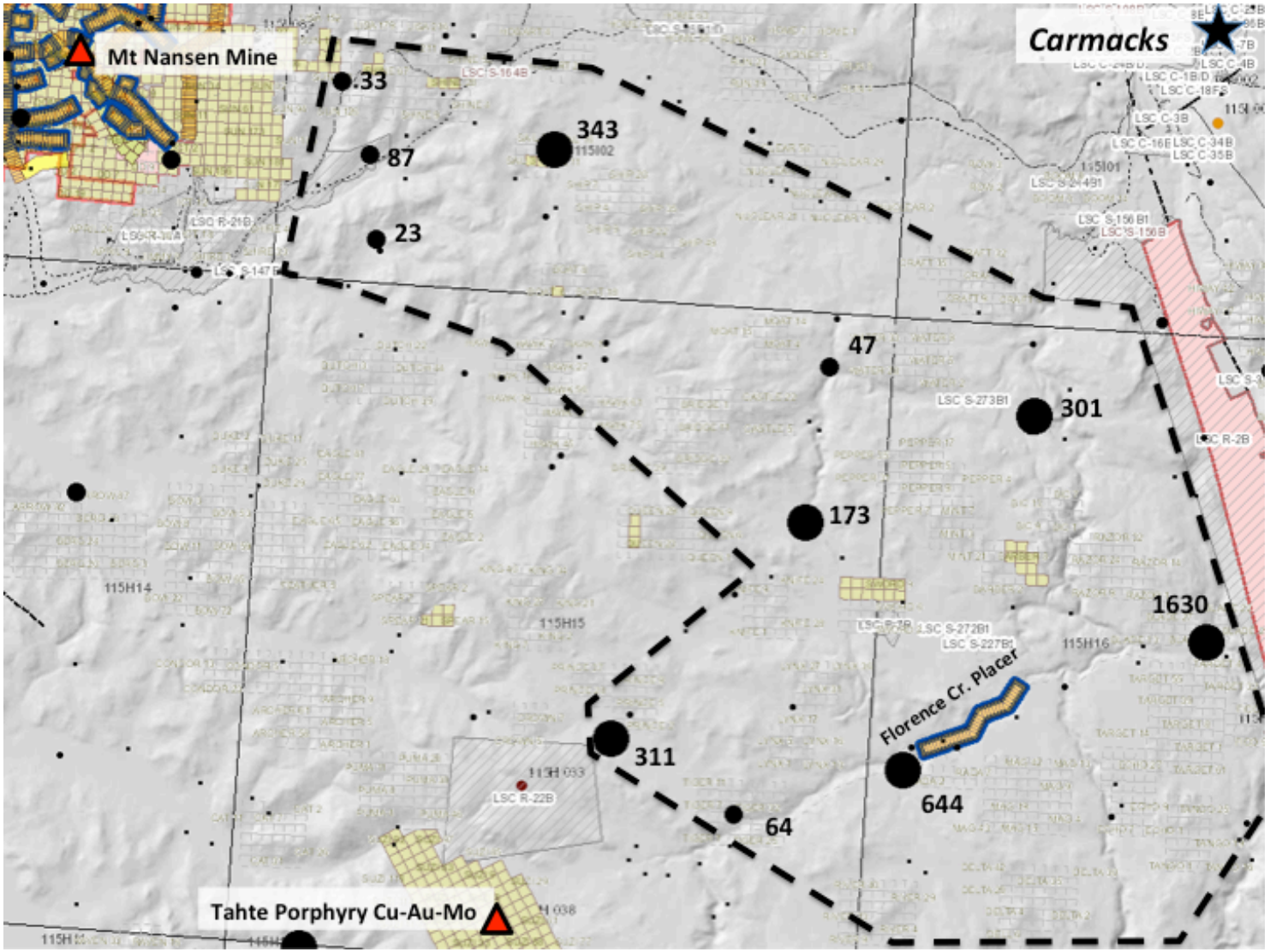

Figure 3. Topography, Au in RGS silts and claims of Florence target area.

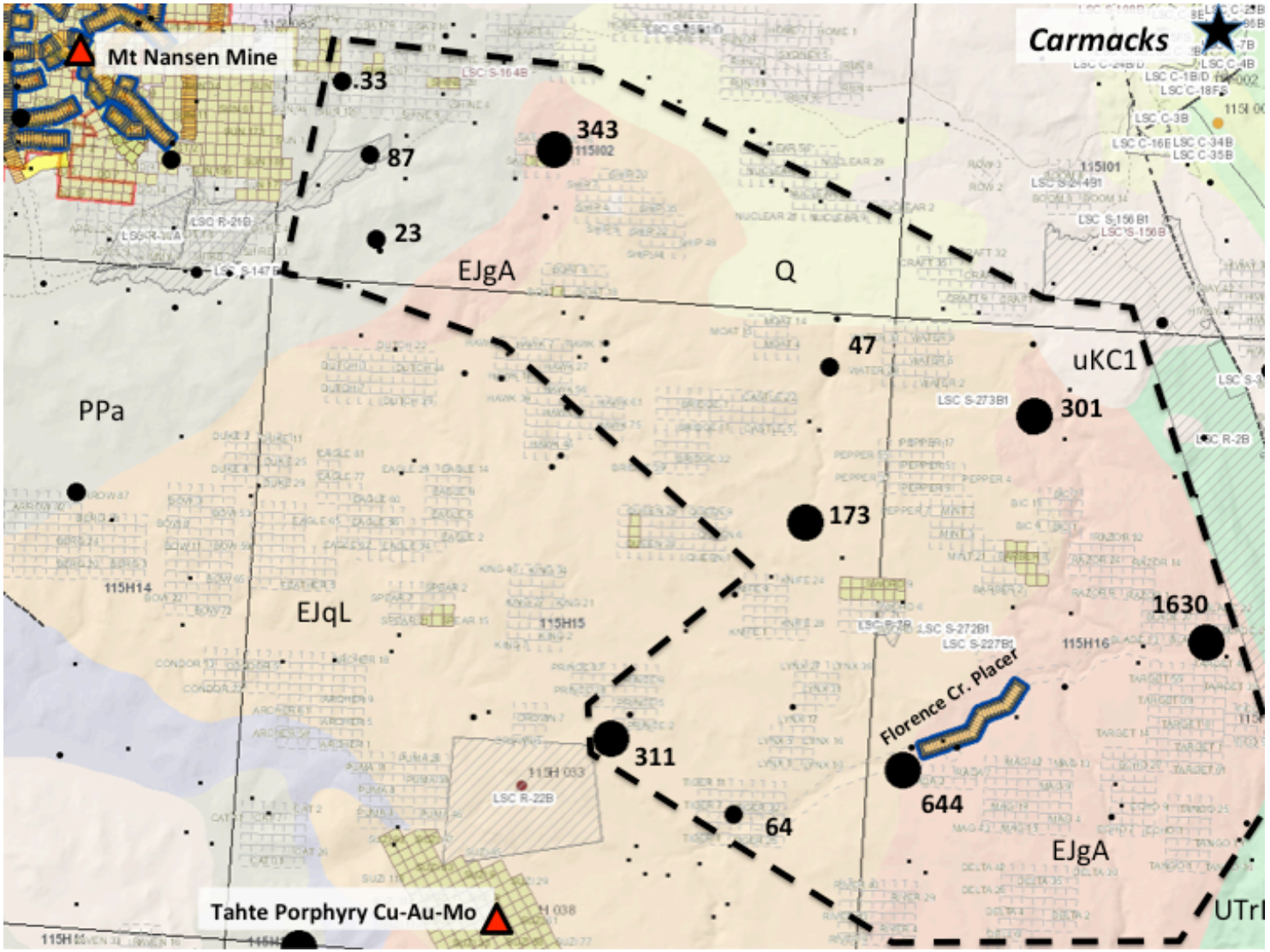

Figure 4. Regional geology of the Florence Creek target area. See text for descriptions of geological units.

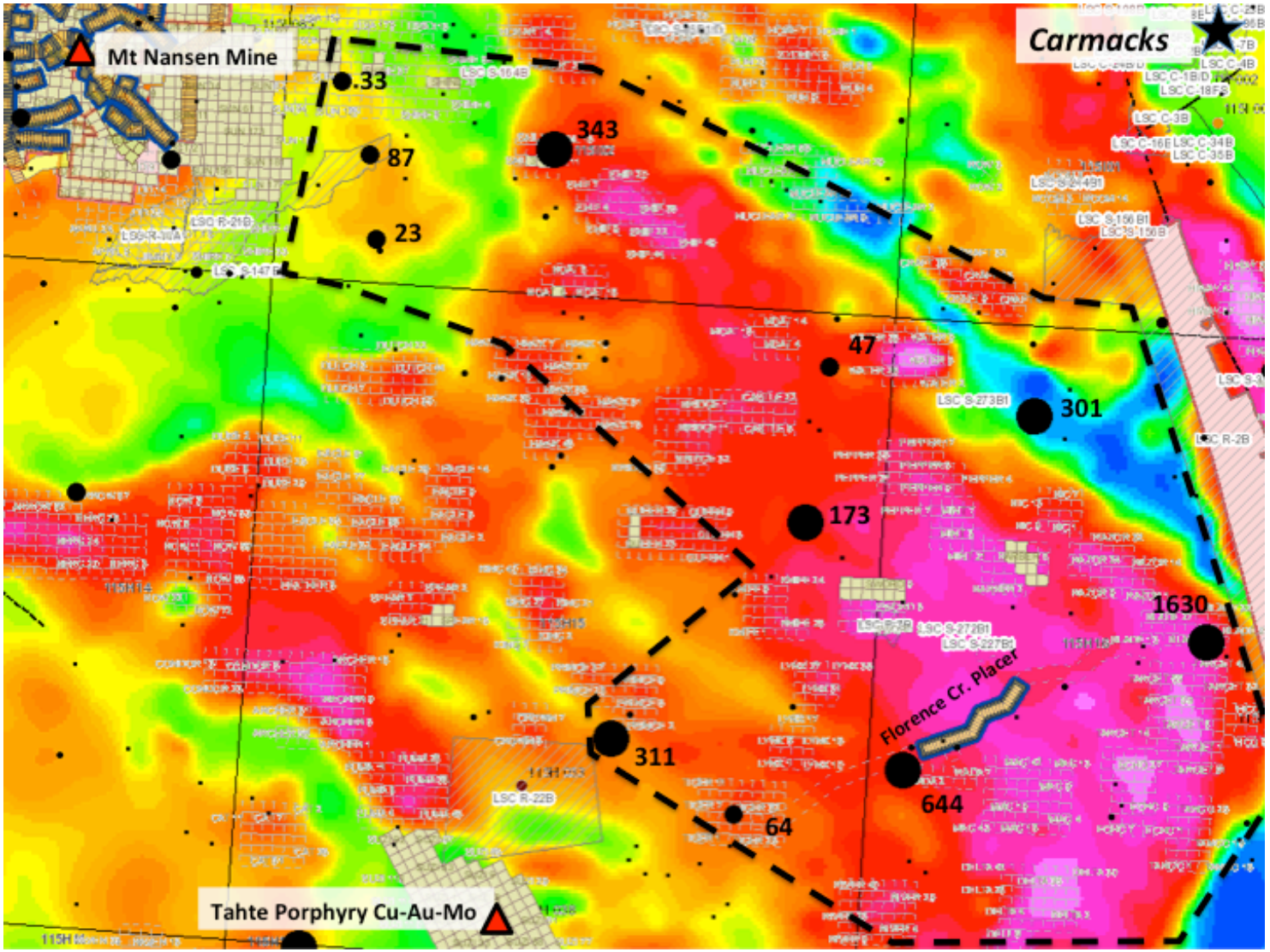

Figure 5. Magnetic total field map of Florence target area.

5.0 TARGET AND RATIONALE

The target in the Florence Creek area is porphyry Cu-Au-Mo, epithermal Au-Ag, and/or ultramafic associated Pt-Pd mineralization in Triassic-Jurassic intrusive rocks of the Stikine Terrane. Nearby examples of these deposits include the Tahte Cu-Au-Mo porphyry prospect 24 km west, the Carmacks Copper Cu-Au alkaline porphyry deposit 40 km north, the past-producing Mount Nansen epithermal Au-Ag mine 35 km NW, and the Kirkland creek epithermal Au-Ag prospect 20 km SW. There is also potential for Late Cretaceous porphyry or epithermal mineralization similar to Casino, Sonora Gulch, Revenue, Klaza and Hopper.

These are economically attractive commodities and deposit types in an area of Yukon that is relatively well serviced by infrastructure, and close to ports in Skagway and Haines, Alaska.

Au-Pt placer deposits are present in Florence Creek; however, their source has never been explained (Figures 2-5). In addition, several very strong Au in stream sediment anomalies are present in other nearby drainages in this area (Figures 2-5). Exploration in this region has been historically hampered by lack of outcrop, deep weathering, thick gravels, subdued terrain, windblown glacial silt (loess), volcanic ash, and permafrost.

Regional Geology

The Aishihik sheet was mapped at a 250,000 scale by the GSC in the period 1970-73 (Tempelman-Kluit, GSC Map 17-1973). More detailed government mapping has not been completed since.

The target area is mainly underlain by volcanic and intrusive rocks of the Stikine Terrane (Figure 4). To the east, the Upper Triassic Whitehorse Trough consists of sedimentary and volcanic rocks laid down in a basinal environment. Intrusive rocks mainly fall into the Aishihik Suite (EJgA, foliated granodiorite, diorite and potassium feldspar granite; interpreted to be unit Trgdm of Tempelman-Kluit) and the Long Lake Suite (EJgL; felsic granite and mesocratic hornblende syenite; interpreted to be unit Trqm of Tempelman-Kluit). Near Mt. Nansen in the NW part of the target area, unit PPa, part of the Yukon Tanana Terrane, comprises ambibolite gness and schist.

Further to the north (Figure 1), the Aishihik Suite is host to important alkalic porphyry copper-gold deposits including Williams Creek and Minto. Northwest of Carmacks, the Long Lake Suite and younger Cretaceous intrusions are associated with important precious-metal enriched porphyry and epithermal vein-style deposits such as Nucleus, Revenue, Laforma and Mt. Nansen. Near Whitehorse, skarn deposits of the Whitehorse copper belt were mined historically.

Regional Surficial Geology

The Florence target area falls within the Kluane Plateau, which was primarily glaciated by ice originating from the Coast and St. Elias Mountains. The area falls primarily within

the McConnell glacial limit (22 Ka) although the progressively older Read (200 Ka) and pre-Read (3 Ma) glaciation limit are present to the west (YGS MapMaker Online). Landforms consist of moraine ridges, drumlinoid features, ice contact deposits and meltwater channels. Outcrop is rare and moraine and colluvium deposits are present over much of the area. Glaciofluvial deposits are present primarily in the valleys. Some of the larger modern drainages appear to follow meltwater channels. Ice direction is primarily to the north and northwest.

YGS surficial geologist Jeff Bond (personal communication) has also confirmed that in addition to deep weathering, soils in the area contain loess (windblown glacial silt) and volcanic ash layers, which can subdue the soil geochemical response. Permafrost can be present particularly on north-facing slopes. Deeper soil sampling is recommended.

Overall the terrain is subdued, rolling hills (Photo 1) with locally incised valleys with 30 to 50 m high banks of gravel and glacial till (Photo 2, and 3).

Photo 1. Caribou on gentle uplands near Florence Creek.

Photo 2. Looking NE into the incised valley of Florence Creek. Note lack of outcrop.

Photo 3. Looking west up Florence Creek, near the upper end of placer claims. Note the creek is incised about 30 to 50 m down from the surrounding plateau. Banks of gravel / till.

Regional Geochemistry

According to the original government RGS results for this mapsheet (1985 survey), the area southwest of Carmacks contains numerous high Au values in stream sediments. Six sites within the target area fall within the 99th percentile for Au in Yukon (1630, 644, 343, 311, 301, 173 ppb, Figures 2-5). Copper and other base metal values in RGS silts are relatively subdued, however this could be related to deep weathering and oxidation. No analyses are available for Pt and Pd.

ICP-MS reanalysis of the 1985 pulps was released by the Yukon Geological Survey (YGS Open File 2015-13), just prior to the commencement of this project. Results for Au were significantly lower than those originally reported. In fact, the highest value on the 115H map sheet is only 44.9 ppb Au, compared with 173 to 1630 ppb reported in 1985.

Regional Mineral Deposits

The Florence project area lies in the southern portion of the Carmacks (Dawson Range) porphyry and epithermal belt, a particularly well-mineralized part of the Stikine Terrane (Figure 1). This belt has a wide variety of styles and ages of mineralization including high-grade epithermal Au-Ag and polymetallic veins of mid-Cretaceous age (e.g. Mt Nansen), skarns, bulk-tonnage epithermal Au-Ag of Late Cretaceous age (e.g. Mt. Freegold), Late Cretaceous calc-alkaline porphyry Cu-Mo-Au-Ag (e.g. Casino), and Early Jurassic alkaline porphyry Cu-Au (e.g. Minto, Carmacks Copper).

The Early Jurassic Minto alkalic Cu-Au-Ag porphyry deposit has been in production since October 2007. It is relatively high-grade and is hosted in a foliated granodiorite unit (part of the Early Jurassic Aishihik Suite). As of October 25, 2012, measured and indicated resources were 53.391 million tonnes grading 1.12% Cu, 0.41 g/t Au, and 3.9 g/t Ag, and inferred resources were 16.211 million tonnes grading 0.92% Cu, 0.34 g/t Au, and 3.2 g/t Ag. The mill processed 1.34 million tonnes of ore in 2012 (Capstone Mining Corp. website, February 2013).

The Williams Creek (Carmacks Copper) deposit is located 50 km southeast of the Minto deposit, and about 40 km north of the Florence target area. Williams Creek is also hosted by an Aishihik Suite, foliated, Early Jurassic granodiorite, and is reported to have measured and indicated resources totaling 11.98 million tonnes grading 1.07% total Cu, 0.456 g/t Au and 4.578 g/t Ag (Copper North Mining Corp. website, February 2013). The deposit is oxidized and according to an updated 2012 feasibility study, could be developed as an open-pit, heap-leach, solvent extraction - electrowinning copper-oxide operation.

The largest known porphyry deposit in Yukon is the Casino Cu-Au-Ag-Mo deposit (Figure 1). Casino consists of a well-developed supergene oxide cap underlain by a supergene sulphide zone and a hypogene zone. It is hosted by the Late Cretaceous Patton porphyry, which intrudes the mid-Cretaceous Casino Plutonic Suite. The combined supergene and hypogene zones contain a measured and indicated resource totaling 1.057 billion tonnes grading 0.20% Cu, 0.23 g/t Au, 0.022% MoS_2 and 1.71 g/t

Ag at a 0.25% Cu equivalent cutoff grade. An inferred resource totals 1.696 billion tonnes grading 0.15% Cu, 0.16 g/t Au, 0.019% MoS_2, and 1.37 g/t Ag at a 0.25% Cu equivalent cutoff grade. A heap leach oxide gold resource has also been outlined. A positive feasibility study was completed in early 2013, based on a 120,000 tonne-per-day open-pit/milling operation, and a 25,000 tonne-per-day gold heap-leach (Western Copper and Gold Corp. website, February 2013).

Recent drilling by Rockhaven Resources Ltd. at the Klaza Au-Ag-Cu-Pb-Zn deposit, located approximately 13 km NW of the Florence target, has outlined a significant resource of moderate grade Au-Ag-Cu-Pb-Zn mineralization. The veins are thought to be part of the Carbonate Base Metal Epithermal class of deposit, and are spatially related to the Mt Nansen porphyry centre. A 43-101 resource of 3.83 million tonnes grading 7.92 g/t Au equivalent (containing 975,102 oz Au equivalent) has been reported (Rockhaven website).

The adjacent Mt. Nansen camp contains numerous epithermal veins and porphyry Cu-Mo-Au prospects. Some 124,000 tonnes of Au-Ag ore wwas mined from the Brown-McDade veins in 1996-97. A resource of approximately 600,000 tonnes of 6.1 g/t Au and 55 g/t Ag was reported by Hart and Langdon (1997). Veins are reported to be present along a 3 km NW trend.

The Florence Creek placer contains gold and platinum nuggets. Gabbro boulders are rumored to be present in the creek gravels. Studies by Ballantyne and Harris of the GSC (1991) described tabular, flattened or discoid isoferroplatinum (Pt_3Fe) nuggets which contain inclusions of bornite-digenite, (Pt,Pd)S (braggite), native osmium, and silicates. A copper sulphide bedrock source was speculated, however, to this date no definitive bedrock source has been identified. Photo 1 shows the terrain near the upper end of the current placer claims.

Previous Work

Very little previous work has been recorded in the target area. Several Cu, Mo and Au porphyry prospects (e.g. Tahte) to the west were explored by limited soils, geophysics and drilling. A quartz-molybdenite zone named Ribbon was discovered in 2010 (Cathro, 2012).

The Nippon Cu porphyry prospect (115H 003) is located in the extreme SE corner of the target area. A high Cu response in soils is reported to be associated with a linear, 150 gamma magnetic feature.

Several previous Yukon Exploration Incentive Program projects attempted to locate the source of the Florence placer (Berdahl, 2002; Morgan and Matkovich, 2000; and Power, 2009). These were very short prospecting projects that generally focused on the south side of Florence Creek. Very few rock or soil samples were taken.

Recent geologically constrained magnetic and gravity inversion modeling by Mira Geosciences and the Yukon Geological Survey (Mira Geosciences 2014; Mitchinson et

al., 2014) has identified several trends of shallow magnetic bodies that appear to be associated with known mineralization including the Hopper, Sato, Canopus, Mt Nansen and Tahte occurrences. Some of these structural / magnetic features appear to trend SE into the Florence Creek target area (Figure 6).

In addition, the Yukon Geological Survey has begun studying the intrusive rocks, structure, deposits and age dates in this area to better understand the mineral potential (Israel et al., 2015).

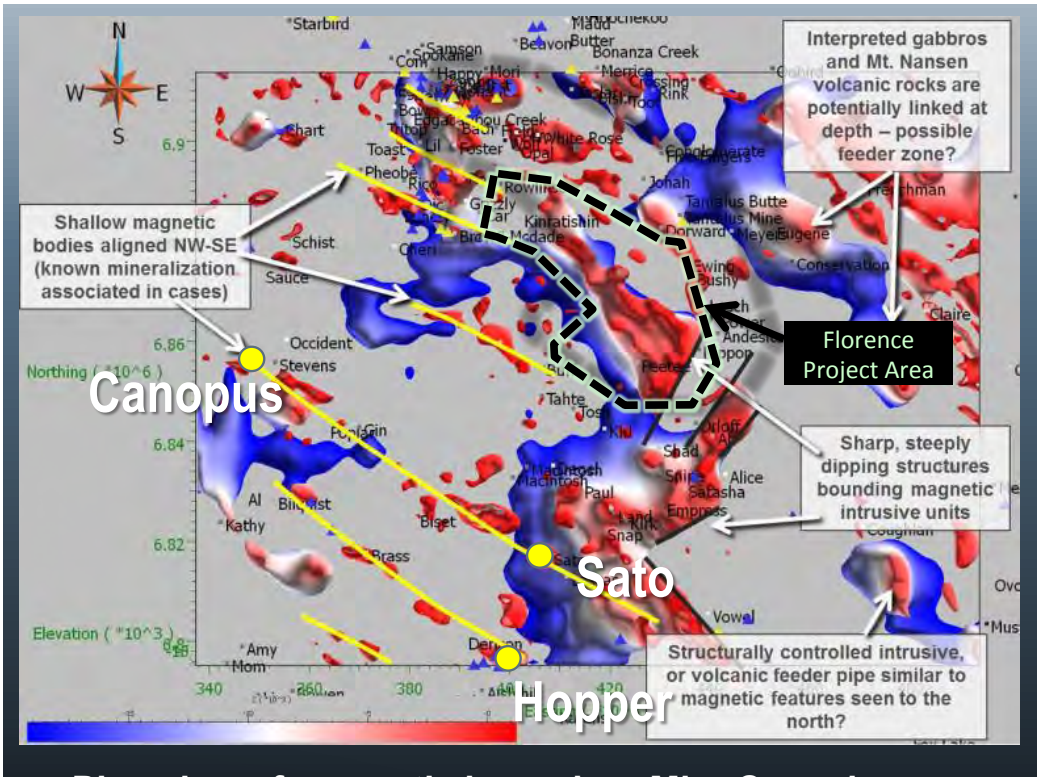

Figure 6. Plan view of magnetic inversions (from Israel et al., 2015 and Mitchinson et al., 2014) showing approximate location of Florence Creek project area. Deep magnetic bodies are shaded blue and shallow magnetic bodies are red. Yellow lines are aligned shallow magnetic bodies that are associated with known mineralization.

6.0 2015 PROSPECTING PROGRAM

As described above, the Florence target area is thought to have excellent potential to host epithermal Au-Ag, porphyry Cu-Mo-Au or ultramafic-related Pt-Pd mineralization.

A total of 12 man-days was spent prospecting and collecting soil, rock, stream sediment and humus samples. During flights to and from the area, a keen eye was kept for colour anomalies, alteration, trenches/pits or other signs of mineralization, however nothing of significance was noted. At the beginning of the program, road and trail access using the existing placer trail was evaluated on the ground and from the air. This trail was deemed to be adequate for ATV access into the heart of the area, should results warrant more extensive sampling.

The work was completed by geologists Mike Cathro, MSc, PGeo and Adam Travis, BSc, along with highly experienced prospector Don Coolidge. Together, the partners have over 90 years of geological, mineral exploration and prospecting experience.

The terrain is very subdued and little outcrop was encountered (Photos 1, 2, and 3). Any outcrops that were located were generally fresh felsic intrusive rock (granodiorite to quartz monzonite) with no alteration or veining, or only rare felsite dikes.

Given the lack of outcrop, wide-spaced conventional B-horizon soil (119 samples, 20 to 30 cm depth) primarily on ridges or in gullies where there might be some outcrop. In some instances humus (A-horizon; 42 samples, 10 to 25 cm depth) was collected if there was no B-horizon, or at the same location as a B-horizon soil. Research indicates that A-horizon soils may be a preferable media to sample in areas of thick cover and better concentrated by the humus layer. Five stream sediment samples were collected from streams draining prospective areas. Whenever possible, altered or potentially mineralized rock samples were collected, however, only five such samples were deemed worth sampling and these were of float.

Sample descriptions, geological observations and other field data were collected in field notebooks and GPS units and transferred to excel tables on a laptop computer at night. A few photos were taken of terrain and unusual rock types.

All samples were delivered to the Preparation Facility of Bureau Veritas (BV) Laboratories Canada in Whitehorse. Rocks were crushed and a 250 g split was pulverized to -200 mesh (method PRP70-250). Stream sediment, soil and humus samples were dried and sieved to -80 mesh (method SS80). Sample pulps were shipped to the BV analytical facility in Vancouver, BC for analysis. All samples were subjected to a 30 g fire assay for Au with an ICP-ES finish (method FA330-Au) and a 15 g multi-element ultratrace ICP-MS package including Pt and Pd (method AQ251_Ext).

7.0 RESULTS

Sample descriptions and results for stream sediment, soil, humus and rock samples are tabulated in Appendix 1. Figure 7 is a Sample location map. Figure 8 shows Au values in all sample types. Figure 9 shows Cu values in all sample types. Analytical Certificates are included in Appendix 2.

Unfortunately, analytical results were very disappointing with maximum values in soil, silt or humus of only 58 and 32 ppb Au, 9.7 ppm Mo, 116 and 102 ppm Cu, and 74 ppm Pb. These were all single site anomalies with little correlation between anomalous elements. The highest values for rock samples are only 5 ppb Au and 121.55 ppm Cu.

The source of placer Au-Pt in Florence Creek was not explained, and no further work is recommended in this area.

8.0 CONCLUSIONS AND RECOMMENDATIONS

A total of 12 man-days of prospecting (5 rock samples), and silt/soil/humus sampling (166 samples) was completed in the search for the source of gold and platinum placers in Florence Creek. Analytical results were disappointing. The mid-2015 release of government re-analysis of Regional Geochemical Survey silt samples suggests that the original anomalies may be false, and is of great concern. The source of the Florence placer was not explained, and no further work is recommended in this area.

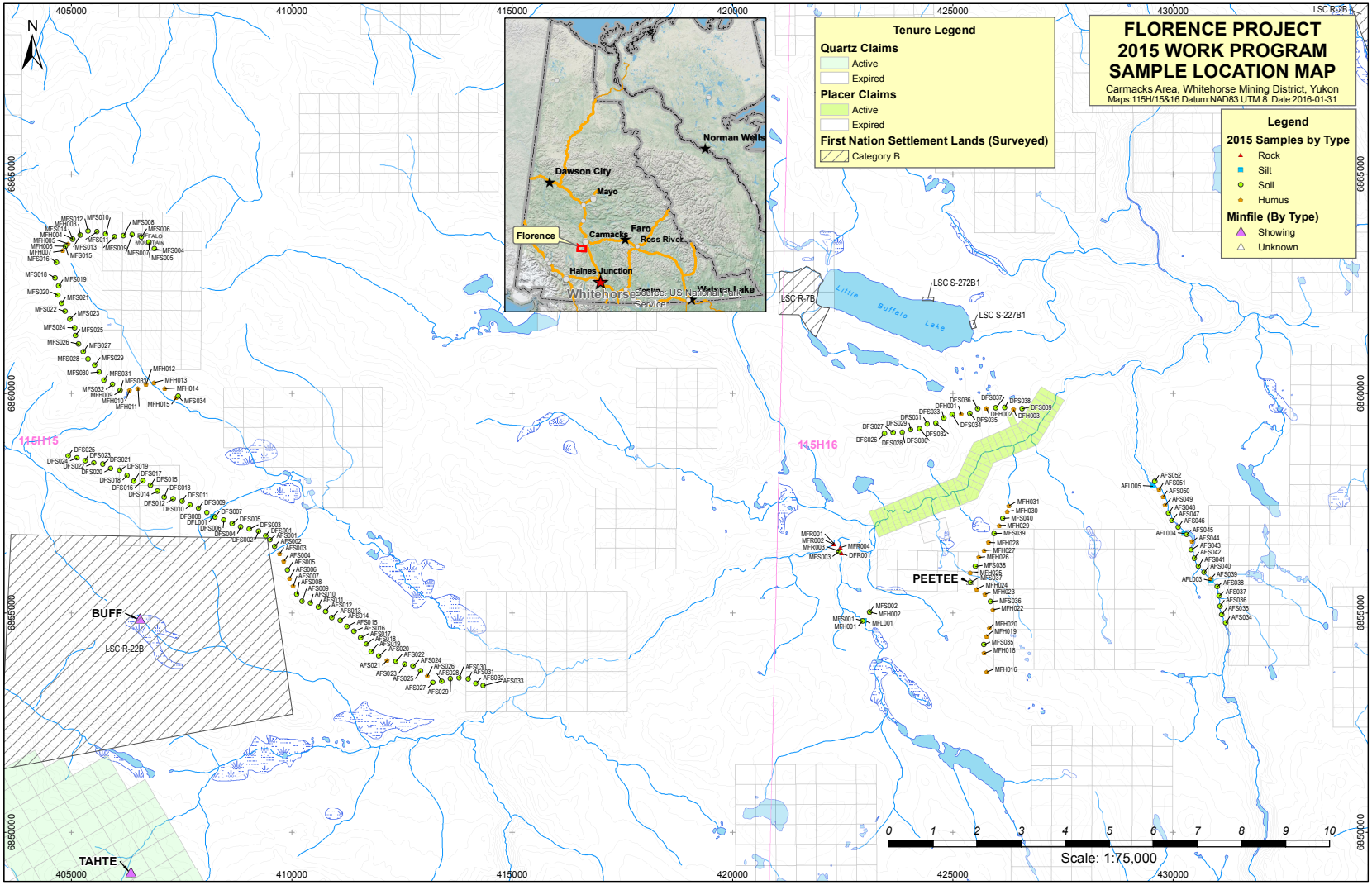

Figure 7. Sample location map.

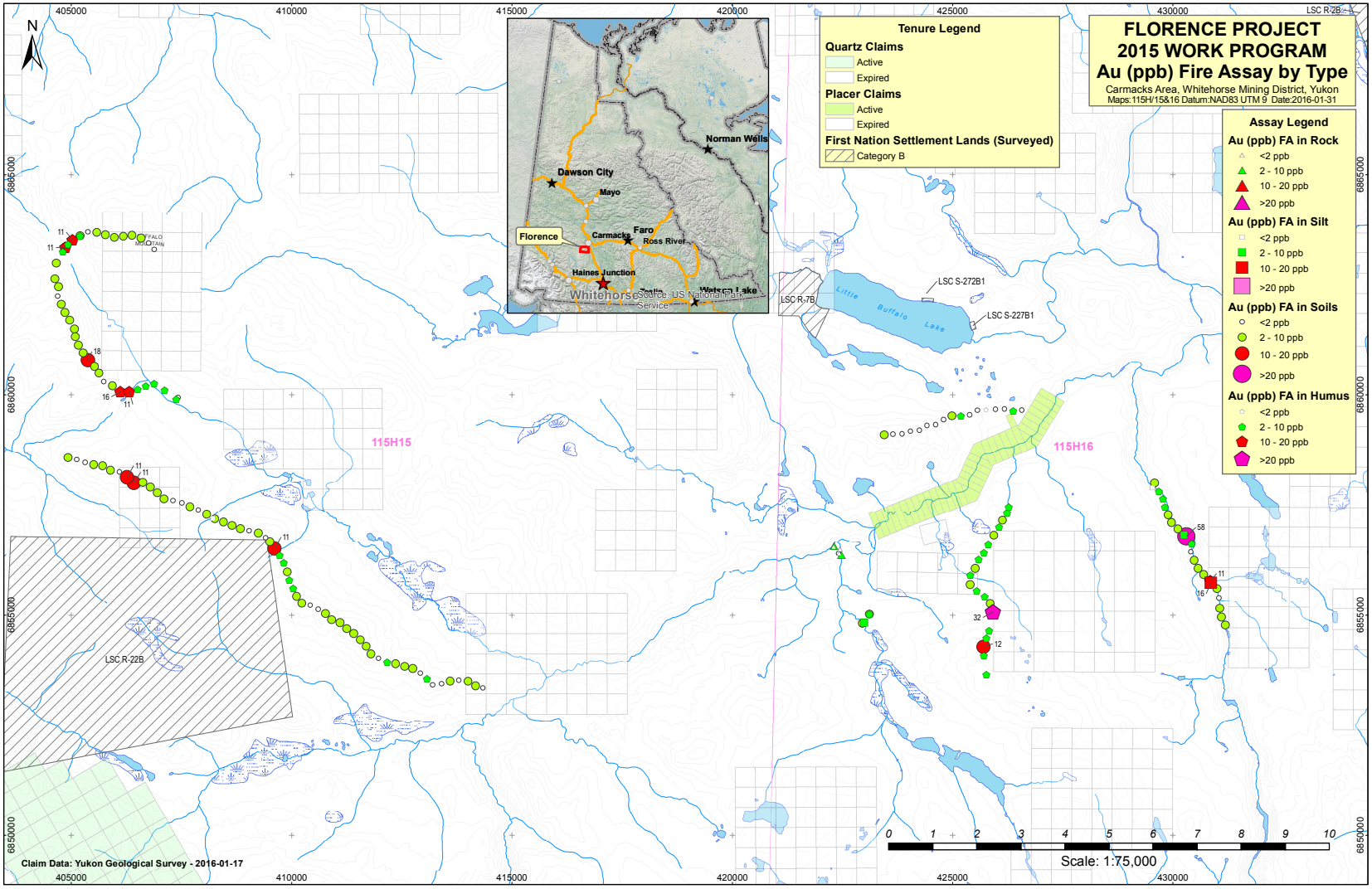

Figure 8. Gold values in stream sediment, soil, humus and rock.

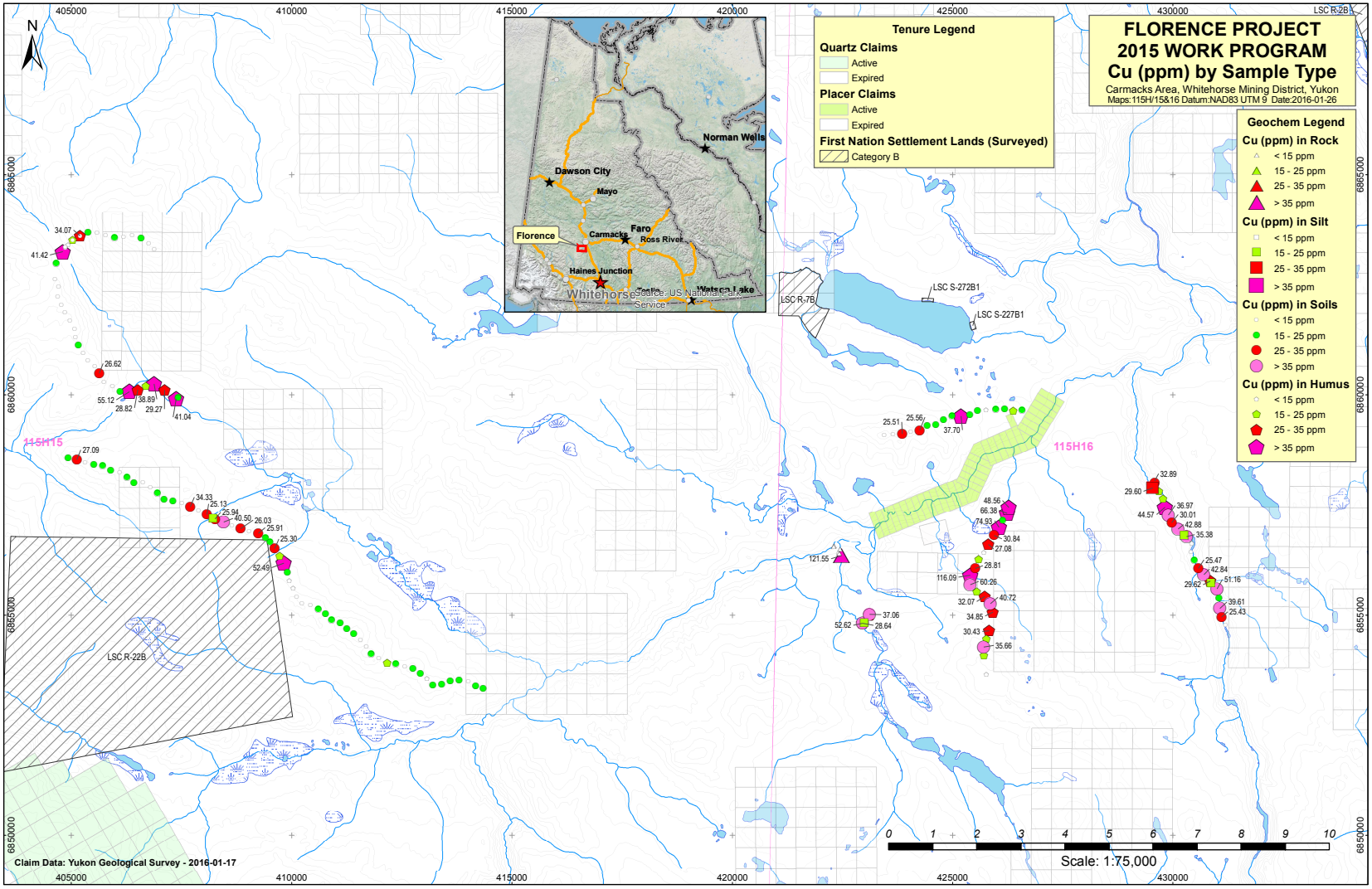

Figure 9. Copper values in stream sediment, soil, humus and rock.

8.0 QUALIFICATIONS

I, Michael S. Cathro, of 2560 Telford Place, Kamloops, BC, hereby certify that:

- I have been a registered professional geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) since 1992 (Reg.# 19093).

- I am a graduate of Queens University, Kingston, Ontario with a B.Sc (Honours) in Geological Sciences (1984), and a graduate of the Colorado School of Mines, Golden, Colorado with a M.Sc. in Geology (1992). My Master's thesis topic was the Geology and Mineral Deposits of the Ketza River District, Yukon Territory.

- I am presently employed as a consulting geologist, President of Cathro Resources Corp., Kamloops, BC, and Vice-President of Operations for Skeena Resources Limited. In addition, I serve as a Director of Happy Creek Minerals Ltd. and Chairman of Geoscience BC.

- I have been working as a professional geologist in mineral exploration, exploration management, geological research, and administration of mine and exploration permitting and compliance on a semi-continuous basis since 1984. In addition, during the summers between 1980 and 1983, I worked as a field assistant on metals exploration projects in Yukon and northern British Columbia.

- My career has given me experience in precious and base metal, industrial minerals, uranium, coal, tantalum-niobium, and rare earth element exploration primarily in British Columbia, Yukon, Western USA, Australia and the southwest Pacific.

- I have published numerous research papers and made presentations on the geology of porphyry copper-gold-molybdenum, epithermal gold, and intrusion related gold deposits, and exploration topics, primarily in British Columbia.

Michael S. Cathro, M.Sc., P.Geo.
March 21, 2016

9.0 REFERENCES

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Appendix A

Descriptions and Analytical Results for Stream Sediment, Rock, Humus and Soil Samples

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Comments
AFL003	Silt	24-Aug-15	430863	6855729	8	869	A Travis	15 cm deep x 2 m wide tributary creek from north side between soils 38 & 39
AFL004	Silt	24-Aug-15	430249	6856809	8	859	A Travis	5 cm x 0.5 m steep small tributary creek flowing in from south side between soils 45&46
AFL005	Silt	24-Aug-15	429541	6857887	8	810	A Travis	5 cm x 1 m seep and small tributary creek on the south side between soils 51&52
DFL001	Silt	23-Aug-15	408218	6857204	8	1176	D.Coolidge	Fine grained material. From W/SW 240 degrees.
MFL001	Silt	22-Aug-15	422991	6854826	8	1059	M. Cathro	silt

	Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
	Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB
	MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
Sample	Certificate	Au-FA_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppb	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	U_ppm	Au_ppb
AFL003	WHI15000167	16	0.47	19.93	4.51	53.8	25	16.7	9.1	1168	2.18	5.2	0.5	5.5
AFL004	WHI15000167	5	0.23	21.44	4.64	28.1	19	11.3	7.1	329	2.00	3.5	0.3	2.7
AFL005	WHI15000167	2	0.32	29.60	3.18	41.0	41	13.4	7.5	540	1.74	5.0	0.6	2.5
DFL001	WHI15000167	2	0.18	17.06	3.96	29.2	41	5.7	3.6	311	0.99	2.6	0.5	2.7
MFL001	WHI15000167	9	0.80	22.90	4.43	107.3	37	16.0	11.2	2007	2.84	8.4	0.7	4.4

	AQ251 Th PPM 0.1	AQ251 Sr PPM 0.5	AQ251 Cd PPM 0.01	AQ251 Sb PPM 0.02	AQ251 Bi PPM 0.02	AQ251 V PPM 2	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La PPM 0.5	AQ251 Cr PPM 0.5	AQ251 Mg % 0.01	AQ251 Ba PPM 0.5	AQ251 Ti % 0.001	AQ251 B PPM 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01
Sample	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**	**Al_pct**	**Na_pct**	**K_pct**
AFL003	1.1	55.6	0.05	0.20	0.03	61	0.91	0.094	7.1	25.9	0.53	94.7	0.077	2	0.92	0.017	0.06
AFL004	1.5	44.0	0.04	0.14	0.02	62	0.88	0.097	8.6	18.3	0.49	42.4	0.083	2	0.80	0.013	0.06
AFL005	1.5	44.0	0.06	0.14	0.04	46	0.75	0.075	10.0	18.5	0.50	88.5	0.070	1	0.97	0.022	0.09
DFL001	0.8	27.8	0.09	0.14	0.05	29	0.37	0.077	8.6	9.6	0.19	83.8	0.054	<1	0.62	0.015	0.03
MFL001	0.7	54.5	0.27	0.22	0.05	61	0.92	0.083	8.2	19.1	0.44	151.3	0.054	4	0.96	0.020	0.06

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05
Sample	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**
AFL003	<0.1	3.5	0.05	0.04	20	<0.1	0.03	3.4	0.67	0.1	0.04	0.45	8.1	2.2	<0.05
AFL004	<0.1	3.0	0.04	<0.02	9	0.1	0.03	2.7	0.36	<0.1	0.04	0.40	4.8	2.9	<0.05
AFL005	<0.1	3.9	0.08	0.03	34	0.1	<0.02	3.3	0.73	<0.1	0.06	0.49	11.3	0.5	<0.05
DFL001	<0.1	2.1	0.04	0.04	36	0.1	<0.02	2.1	0.40	<0.1	<0.02	0.38	2.8	1.6	<0.05
MFL001	0.2	3.2	0.07	0.09	56	0.4	0.03	3.1	0.61	<0.1	<0.02	0.40	7.2	2.6	<0.05

	AQ251 Zr PPM 0.1	AQ251 Y PPM 0.01	AQ251 Ce PPM 0.1	AQ251 In PPM 0.02	AQ251 Re PPB 1	AQ251 Be PPM 0.1	AQ251 Li PPM 0.1	AQ251 Pd PPB 10	AQ251 Pt PPB 2
Sample	**Zr_ppm**	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
AFL003	1.4	4.17	14.2	0.02	<1	0.1	4.7	<10	<2
AFL004	2.2	4.23	16.4	<0.02	<1	0.1	3.4	<10	2
AFL005	1.9	5.47	18.5	<0.02	2	0.2	5.2	<10	<2
DFL001	0.7	5.67	17.6	<0.02	<1	0.2	3.3	<10	<2
MFL001	0.8	5.68	15.6	<0.02	<1	0.2	5.0	<10	<2

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler
DFR001	Rock	22-Aug-15	422479	6856354	8	962	D. Coolidge
MFR001	Rock	22-Aug-15	422310	6856570	8	939	M. Cathro
MFR002	Rock	22-Aug-15	422300	6856562	8	939	M. Cathro
MFR003	Rock	22-Aug-15	422426	6856407	8	964	M. Cathro
MFR004	Rock	22-Aug-15	422449	6856491	8	953	M. Cathro

			Method	FA330	AQ251
			Analyte	Au	Mo
			Unit	PPB	PPM
			MDL	2	0.01
Sample	**Comments**	**Certificate**	**Wgt_Kg**	**Au-FA_ppb**	**Mo_ppm**
DFR001	Float, dark, fine grained with white feldspar. Weakly foliated with planer face. 0.5% Py.	WHI15000168	1.31	3	0.54
MFR001	Float on gravel bar; orange weathering brecciated granite; sub-angular	WHI15000168	1.20	5	0.84
MFR002	Float on gravel bar; quartz or siliceous fine-grained dyke rock; sub-rounded; fine grained	WHI15000168	0.87	<2	0.20
MFR003	Float boulder 40 x 40 cm; orange weathering siliceous breccia with trace py	WHI15000168	0.95	<2	0.14
MFR004	Float boulder 20 cm; bull quartz with trace FeOx	WHI15000168	0.96	<2	0.19

	AQ251 Cu PPM 0.01	AQ251 Pb PPM 0.01	AQ251 Zn PPM 0.1	AQ251 Ag PPB 2	AQ251 Ni PPM 0.1	AQ251 Co PPM 0.1	AQ251 Mn PPM 1	AQ251 Fe % 0.01	AQ251 As PPM 0.1	AQ251 U PPM 0.1	AQ251 Au PPB 0.2	AQ251 Th PPM 0.1	AQ251 Sr PPM 0.5	AQ251 Cd PPM 0.01
Sample	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**
DFR001	121.55	2.49	55.2	119	2.8	16.5	759	3.29	0.5	0.1	1.2	0.3	55.3	0.08
MFR001	9.81	16.98	91.6	127	2.0	4.3	861	1.81	2.2	0.5	3.1	4.9	61.4	0.81
MFR002	1.53	6.31	15.5	83	0.8	0.7	360	0.58	2.2	1.5	0.7	3.5	20.7	0.04
MFR003	1.25	4.85	32.2	33	0.9	1.7	590	0.98	1.0	0.3	<0.2	2.7	43.9	0.69
MFR004	6.19	1.66	3.8	32	0.9	0.6	83	0.49	0.8	<0.1	1.0	0.1	9.5	<0.01

	AQ251 Sb PPM 0.02	AQ251 Bi PPM 0.02	AQ251 V PPM 2	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La PPM 0.5	AQ251 Cr PPM 0.5	AQ251 Mg % 0.01	AQ251 Ba PPM 0.5	AQ251 Ti % 0.001	AQ251 B PPM 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W PPM 0.1
Sample	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**
DFR001	0.06	0.14	118	1.60	0.185	2.6	1.8	0.82	100.2	0.150	<1	1.42	0.171	0.45	0.1
MFR001	0.13	0.20	33	1.78	0.047	19.2	3.2	0.51	141.1	0.020	1	0.45	0.036	0.17	<0.1
MFR002	0.12	0.11	3	0.85	0.005	10.4	1.2	0.09	44.6	0.001	<1	0.18	0.051	0.11	<0.1
MFR003	0.05	0.06	7	2.02	0.002	11.2	1.5	0.59	35.9	0.004	<1	0.17	0.055	0.11	<0.1
MFR004	0.04	0.06	11	0.14	0.058	4.9	2.3	<0.01	7.6	0.003	<1	0.04	0.003	<0.01	0.1

	AQ251 Sc PPM 0.1	AQ251 Tl PPM 0.02	AQ251 S % 0.02	AQ251 Hg PPB 5	AQ251 Se PPM 0.1	AQ251 Te PPM 0.02	AQ251 Ga PPM 0.1	AQ251 Cs PPM 0.02	AQ251 Ge PPM 0.1	AQ251 Hf PPM 0.02	AQ251 Nb PPM 0.02	AQ251 Rb PPM 0.1	AQ251 Sn PPM 0.1	AQ251 Ta PPM 0.05
Sample	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**
DFR001	4.6	0.04	0.07	10	<0.1	0.05	5.2	0.36	0.1	0.08	<0.02	11.1	0.7	<0.05
MFR001	4.1	0.07	0.04	29	<0.1	0.02	2.1	1.90	<0.1	0.06	0.06	11.3	2.7	<0.05
MFR002	0.7	0.03	<0.02	15	<0.1	<0.02	0.6	0.14	<0.1	0.50	0.14	5.3	0.8	<0.05
MFR003	1.3	0.03	<0.02	7	<0.1	<0.02	0.9	0.19	<0.1	0.11	0.16	5.1	0.8	<0.05
MFR004	0.3	<0.02	<0.02	<5	<0.1	0.02	0.3	<0.02	<0.1	<0.02	0.06	0.3	0.7	<0.05

	AQ251 Zr PPM 0.1	AQ251 Y PPM 0.01	AQ251 Ce PPM 0.1	AQ251 In PPM 0.02	AQ251 Re PPB 1	AQ251 Be PPM 0.1	AQ251 Li PPM 0.1	AQ251 Pd PPB 10	AQ251 Pt PPB 2
Sample	**Zr_ppm**	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
DFR001	1.6	6.99	5.7	<0.02	<1	0.1	5.9	<10	<2
MFR001	2.0	12.62	38.3	0.03	<1	0.4	3.3	<10	<2
MFR002	10.1	6.93	21.2	<0.02	<1	0.1	0.3	<10	<2
MFR003	3.8	4.87	22.0	<0.02	<1	0.1	0.5	<10	<2
MFR004	0.5	1.40	10.0	<0.02	<1	<0.1	0.1	<10	<2

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Colour
AFS003	Humus	23-Aug-15	409726	6856352	8	1229	A Travis	black
AFS004	Humus	23-Aug-15	409826	6856180	8	1246	A Travis	black
AFS006	Humus	23-Aug-15	409949	6855787	8	1283	A Travis	black-grey
AFS007	Humus	23-Aug-15	410033	6855606	8	1280	A Travis	black-grey
AFS021	Humus	23-Aug-15	412169	6853927	8	1216	A Travis	black
AFS026	Humus	23-Aug-15	413074	6853550	8	1210	A Travis	black
AFS039	Humus	24-Aug-15	430845	6855770	8	853	A Travis	black
AFS044	Humus	24-Aug-15	430428	6856623	8	836	A Travis	grey-black
AFS049	Humus	24-Aug-15	429822	6857449	8	803	A Travis	black
AFS050	Humus	24-Aug-15	429775	6857644	8	809	A Travis	black
AFS051	Humus	24-Aug-15	429677	6857807	8	837	A Travis	black
DFH001	Humus	24-Aug-15	425192	6859517	8	1019	D.Coolidge	Black
DFH002	Humus	24-Aug-15	425765	6859668	8	989	D.Coolidge	Black
DFH003	Humus	24-Aug-15	426375	6859636	8	950	D.Coolidge	Black
MFH001	Humus	22-Aug-15	422956	6854816	8	1068	M. Cathro	d brown
MFH002	Humus	22-Aug-15	423115	6855018	8	1066	M. Cathro	d brown
MFH003	Humus	23-Aug-15	405198	6863606	8	1398	M. Cathro	d brown
MFH004	Humus	23-Aug-15	405028	6863511	8	1355	M. Cathro	d brown
MFH005	Humus	23-Aug-15	404928	6863415	8	1327	M. Cathro	d brown
MFH006	Humus	23-Aug-15	404865	6863357	8	1319	M. Cathro	brown
MFH007	Humus	23-Aug-15	404804	6863252	8	1312	M. Cathro	brown
MFH009	Humus	23-Aug-15	406112	6860075	8	1198	M. Cathro	brown
MFH010	Humus	23-Aug-15	406321	6860069	8	1186	M. Cathro	brown
MFH011	Humus	23-Aug-15	406510	6860117	8	1183	M. Cathro	brown
MFH012	Humus	23-Aug-15	406693	6860207	8	1179	M. Cathro	brown
MFH013	Humus	23-Aug-15	406878	6860251	8	1175	M. Cathro	black
MFH014	Humus	23-Aug-15	407120	6860109	8		M. Cathro	brown
MFH015	Humus	23-Aug-15	407379	6859907	8	1170	M. Cathro	brown
MFH016	Humus	24-Aug-15	425767	6853655	8	1266	M. Cathro	brown
MFH018	Humus	24-Aug-15	425709	6854075	8	1209	M. Cathro	black
MFH019	Humus	24-Aug-15	425769	6854469	8	1189	M. Cathro	black
MFH020	Humus	24-Aug-15	425834	6854643	8	1162	M. Cathro	black
MFH022	Humus	24-Aug-15	425914	6855067	8	1114	M. Cathro	black
MFH023	Humus	24-Aug-15	425729	6855424	8	1096	M. Cathro	black
MFH024	Humus	24-Aug-15	425548	6855543	8	1089	M. Cathro	black
MFH025	Humus	24-Aug-15	425400	6855907	8	1067	M. Cathro	black
MFH026	Humus	24-Aug-15	425592	6856263	8	1064	M. Cathro	black
MFH027	Humus	24-Aug-15	425712	6856418	8	1054	M. Cathro	black
MFH028	Humus	24-Aug-15	425815	6856604	8	1042	M. Cathro	black
MFH029	Humus	24-Aug-15	426051	6856994	8	1028	M. Cathro	black
MFH030	Humus	24-Aug-15	426238	6857311	8	1018	M. Cathro	black
MFH031	Humus	24-Aug-15	426275	6857445	8	1011	M. Cathro	black

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	Comments	Certificate	Au-FA_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppb	Ni_ppm
AFS003		WHI15000167	4	0.26	22.16	2.92	16.8	147	5.8
AFS004		WHI15000167	9	0.82	52.49	6.75	85.5	212	19.1
AFS006		WHI15000167	3	0.22	11.53	1.48	12.9	317	3.7
AFS007		WHI15000167	4	0.26	12.87	1.62	11.3	228	3.9
AFS021		WHI15000167	7	0.27	15.24	2.49	9.9	121	2.9
AFS026		WHI15000167	6	0.82	11.86	8.30	69.3	31	15.4
AFS039		WHI15000167	11	0.33	29.62	2.00	12.3	64	8.2
AFS044		WHI15000167	8	0.25	11.39	1.23	140.6	177	3.5
AFS049		WHI15000167	5	0.57	44.57	4.04	47.6	74	19.8
AFS050		WHI15000167	3	1.18	21.94	3.40	28.5	63	5.7
AFS051		WHI15000167	3	0.39	19.41	2.23	41.6	67	4.9
DFH001	Humus overlying frozen loess in swamp.	WHI15000169	10	9.70	37.70	3.00	15.5	69	9.5
DFH002	Organics material.	WHI15000169	2	0.25	7.18	0.80	11.2	20	2.1
DFH003	Moss and organics in a Spruce bog.	WHI15000169	3	0.52	17.20	2.74	31.4	108	5.5
MFH001	mossy, flat	WHI15000169	2	0.27	28.64	2.07	16.1	140	5.0
MFH002	mossy, flat	WHI15000169	5	0.32	29.46	1.76	15.8	137	6.5
MFH003	mossy, flat	WHI15000169	6	0.75	34.07	8.34	30.0	241	13.3
MFH004	mossy, flat	WHI15000169	11	0.77	18.67	20.58	59.8	301	13.2
MFH005	mossy, flat	WHI15000169	3	0.56	14.58	4.10	20.7	183	6.3
MFH006	mossy, flat	WHI15000169	11	0.66	13.26	6.22	22.5	214	4.9
MFH007	mossy, flat, saddle	WHI15000169	9	3.48	41.42	5.21	18.5	253	11.2
MFH009	mossy, above loess	WHI15000169	16	0.46	14.68	3.25	56.0	79	7.2
MFH010	mossy, nearly peat; in swamp	WHI15000169	11	0.77	55.12	2.47	5.9	58	5.9
MFH011	mossy, nearly peat; in swamp	WHI15000169	5	7.19	28.82	2.52	37.5	150	6.5
MFH012	mossy, nearly peat; in swamp	WHI15000169	8	0.90	23.78	1.95	31.3	162	8.6
MFH013	mossy, nearly peat; in swamp	WHI15000169	6	1.46	38.89	2.05	14.8	169	14.2
MFH014	mossy, nearly peat; in swamp	WHI15000169	5	1.21	29.27	1.60	30.5	75	13.2
MFH015	mossy, nearly peat; in swamp	WHI15000169	10	1.21	41.04	3.23	76.3	195	14.4
MFH016	mossy; edge of morraine?	WHI15000169	9	0.34	7.83	1.34	13.0	283	5.1
MFH018		WHI15000169	4	0.14	15.73	0.98	16.2	36	3.3
MFH019		WHI15000169	9	0.40	15.81	3.03	9.7	223	3.0
MFH020		WHI15000169	6	0.43	30.43	3.40	29.9	92	12.1
MFH022		WHI15000169	32	0.62	34.85	1.10	30.8	137	7.6
MFH023	flatish, wet	WHI15000169	5	0.81	32.07	1.79	23.6	103	6.1
MFH024	flatish, wet	WHI15000169	4	0.30	23.76	1.80	34.2	101	5.8
MFH025	flatish, wet	WHI15000169	4	3.60	116.09	1.62	437.0	182	34.6
MFH026	flatish, wet	WHI15000169	10	0.57	17.09	4.13	17.1	225	5.1
MFH027	flatish, wet	WHI15000169	9	0.55	10.75	1.12	11.0	33	4.7
MFH028	flatish, wet	WHI15000169	4	1.17	27.08	1.34	40.4	49	8.6
MFH029	flatish, wet	WHI15000169	7	0.83	74.93	1.79	20.3	92	6.8
MFH030	flatish, wet	WHI15000169	5	4.17	66.38	0.40	138.9	67	41.7
MFH031	flatish, wet	WHI15000169	5	2.48	48.56	2.89	70.6	34	12.4

	AQ251 Co PPM 0.1	AQ251 Mn PPM 1	AQ251 Fe % 0.01	AQ251 As PPM 0.1	AQ251 U PPM 0.1	AQ251 Au PPB 0.2	AQ251 Th PPM 0.1	AQ251 Sr PPM 0.5	AQ251 Cd PPM 0.01	AQ251 Sb PPM 0.02	AQ251 Bi PPM 0.02	AQ251 V PPM 2	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La PPM 0.5	AQ251 Cr PPM 0.5	AQ251 Mg % 0.01
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**
AFS003	2.6	136	1.15	1.4	0.8	0.9	0.3	41.9	0.03	0.16	0.05	25	0.47	0.073	10.5	8.2	0.13
AFS004	6.7	554	3.04	5.0	1.7	2.1	2.3	67.0	0.14	0.36	0.19	61	0.62	0.134	37.6	32.7	0.54
AFS006	1.8	63	0.76	0.7	0.3	1.1	0.2	14.0	0.02	0.06	0.03	20	0.10	0.023	4.2	5.8	0.08
AFS007	2.1	103	0.87	1.3	0.3	<0.2	0.3	15.3	<0.01	0.10	0.05	21	0.15	0.053	3.9	8.3	0.13
AFS021	2.3	24	0.48	0.3	0.4	0.3	<0.1	24.2	0.08	0.06	0.04	9	0.12	0.040	4.4	4.5	0.06
AFS026	8.0	309	2.87	6.1	0.4	0.3	2.3	22.8	0.03	0.41	0.15	71	0.23	0.022	8.6	28.8	0.59
AFS039	2.2	147	0.51	0.5	0.4	3.8	0.2	97.8	0.18	0.12	0.03	12	2.29	0.062	6.3	6.3	0.37
AFS044	2.0	741	0.43	<0.1	0.1	0.8	<0.1	239.2	0.19	0.04	0.03	11	3.01	0.234	2.4	4.3	0.26
AFS049	8.8	1511	2.25	8.7	0.7	2.2	1.9	69.7	0.06	0.24	0.08	54	1.24	0.055	12.1	23.8	0.63
AFS050	4.4	382	1.00	1.7	0.6	1.0	0.5	48.7	0.16	0.12	0.08	24	0.80	0.055	15.0	7.6	0.27
AFS051	4.6	383	1.10	1.6	0.7	0.9	0.8	43.8	0.10	0.11	0.05	24	0.60	0.053	16.3	7.8	0.32
DFH001	3.8	9474	0.60	1.9	0.3	1.2	0.1	118.4	0.32	0.16	0.03	17	2.91	0.105	2.2	5.9	0.17
DFH002	1.3	129	0.30	0.4	<0.1	<0.2	<0.1	57.2	0.19	0.06	<0.02	8	1.12	0.030	0.9	3.0	0.12
DFH003	6.3	1206	0.57	0.4	0.1	0.5	<0.1	46.9	0.66	0.09	0.04	15	0.78	0.053	2.7	5.9	0.17
MFH001	2.6	57	0.70	0.9	0.4	0.6	<0.1	28.1	0.12	0.11	0.03	17	0.28	0.050	4.6	5.6	0.08
MFH002	2.0	35	0.61	0.5	0.3	2.4	<0.1	40.6	0.61	0.12	0.03	16	0.52	0.042	3.3	5.1	0.10
MFH003	6.1	432	0.97	1.6	3.3	2.6	<0.1	66.3	1.85	0.23	0.08	17	0.33	0.114	41.6	10.6	0.14
MFH004	13.7	688	2.02	5.9	1.8	5.7	0.6	89.3	1.60	0.50	0.12	40	0.42	0.130	39.3	20.0	0.34
MFH005	3.1	213	0.92	1.6	1.1	2.7	<0.1	44.5	0.29	0.12	0.06	20	0.24	0.088	17.2	10.7	0.13
MFH006	4.2	241	1.24	1.6	1.2	3.9	<0.1	61.1	1.00	0.13	0.03	32	0.28	0.102	24.9	7.0	0.09
MFH007	14.6	1265	8.11	7.3	1.3	2.3	<0.1	74.6	0.35	0.27	0.07	83	0.36	0.160	34.2	11.3	0.07
MFH009	6.6	2146	0.29	0.7	0.3	0.5	<0.1	115.8	1.03	0.11	<0.02	5	0.97	0.141	34.7	3.6	0.10
MFH010	1.9	34	1.83	4.0	2.6	1.1	<0.1	42.4	0.15	0.18	0.07	46	0.29	0.133	21.9	8.9	0.06
MFH011	14.6	1640	11.65	10.7	0.8	2.2	<0.1	54.8	0.18	0.31	0.12	320	0.37	0.155	9.8	8.3	0.05
MFH012	6.0	529	2.24	2.1	1.9	3.7	<0.1	130.4	0.32	0.15	<0.02	13	1.06	0.202	14.1	7.1	0.09
MFH013	16.4	3021	3.58	9.3	4.5	3.9	0.5	264.7	0.78	0.45	0.03	22	2.26	0.156	19.2	13.5	0.19
MFH014	38.6	3808	6.33	10.9	1.8	3.3	0.2	317.1	0.38	0.27	<0.02	25	2.73	0.155	7.2	6.0	0.17
MFH015	29.9	3418	6.20	18.5	1.9	4.8	0.7	265.8	0.96	0.35	0.03	46	2.28	0.122	22.6	13.5	0.31
MFH016	3.1	336	0.41	0.7	<0.1	1.4	<0.1	64.7	0.57	0.04	<0.02	11	0.73	0.082	1.5	4.4	0.19
MFH018	2.4	237	0.41	0.8	0.2	1.5	0.1	91.8	0.19	0.11	<0.02	11	1.71	0.074	2.1	4.6	0.18
MFH019	1.3	34	0.47	0.2	0.3	2.4	<0.1	21.5	0.18	0.04	<0.02	7	0.17	0.062	3.6	5.1	0.04
MFH020	7.4	374	1.46	3.6	0.5	2.2	0.6	48.3	0.10	0.18	0.04	37	0.61	0.083	6.9	20.5	0.38
MFH022	2.5	234	0.41	1.2	0.2	31.5	<0.1	136.1	0.44	0.37	<0.02	6	2.23	0.117	2.6	4.3	0.18
MFH023	5.9	1058	0.56	0.9	0.2	1.8	<0.1	86.9	0.38	0.33	<0.02	14	1.28	0.113	3.4	5.2	0.12
MFH024	2.6	231	0.54	1.3	0.2	1.9	<0.1	85.6	0.44	0.24	<0.02	11	1.35	0.071	3.2	5.7	0.14
MFH025	55.5	>10000	3.06	6.0	0.8	1.4	<0.1	121.1	1.79	0.37	0.05	36	1.93	0.194	5.4	10.3	0.17
MFH026	2.0	46	0.58	1.0	0.2	4.5	<0.1	30.5	0.30	0.09	<0.02	10	0.28	0.090	4.4	7.8	0.07
MFH027	2.8	115	0.39	1.4	0.1	4.5	0.2	46.9	0.28	0.19	<0.02	10	1.32	0.067	1.8	6.5	0.17
MFH028	12.9	3270	1.26	2.2	0.4	1.6	<0.1	77.1	0.42	0.14	0.03	15	1.62	0.122	3.2	6.4	0.21
MFH029	2.4	403	0.39	0.7	0.4	2.4	0.1	119.8	0.21	0.36	<0.02	9	2.35	0.078	4.4	4.4	0.16
MFH030	82.4	>10000	1.57	3.3	0.2	2.0	0.3	146.2	1.64	0.32	<0.02	10	2.45	0.156	9.9	6.7	0.20
MFH031	12.4	4494	1.30	2.5	0.2	0.4	<0.1	113.6	0.42	0.19	0.03	29	1.91	0.135	3.5	7.7	0.11

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	PPM	%	PPM	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM
	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Sample	**Ba_ppm**	**Ti_pct**	**B_ppm**	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**
AFS003	145.7	0.028	<1	0.66	0.029	0.03	<0.1	1.9	0.04	0.07	63	0.3	0.03	2.0	0.33	<0.1	0.02
AFS004	349.6	0.044	2	2.60	0.017	0.15	<0.1	7.6	0.15	0.09	80	0.4	0.03	8.4	2.73	<0.1	0.05
AFS006	60.6	0.029	1	0.46	0.030	0.03	<0.1	1.3	0.03	0.02	48	<0.1	0.03	2.1	0.38	<0.1	<0.02
AFS007	66.7	0.026	1	0.71	0.035	0.04	<0.1	1.7	0.05	0.02	63	0.2	0.03	2.3	0.36	<0.1	<0.02
AFS021	60.8	0.013	1	0.36	0.027	0.04	<0.1	0.4	0.04	0.05	54	<0.1	0.04	1.1	0.24	<0.1	<0.02
AFS026	199.2	0.112	2	2.24	0.011	0.10	0.1	3.9	0.13	<0.02	15	0.2	0.08	7.2	1.30	<0.1	0.03
AFS039	115.7	0.015	8	0.34	0.028	0.05	<0.1	0.9	0.03	0.12	69	<0.1	<0.02	1.0	0.27	<0.1	0.03
AFS044	584.6	0.016	23	0.25	0.025	0.31	<0.1	0.7	0.03	0.14	120	0.2	<0.02	1.0	0.27	<0.1	<0.02
AFS049	146.2	0.070	4	1.09	0.016	0.11	<0.1	5.3	0.09	0.06	54	<0.1	<0.02	3.9	0.84	<0.1	0.04
AFS050	149.0	0.035	3	0.74	0.041	0.08	<0.1	1.8	0.06	0.05	41	<0.1	0.02	2.6	0.53	<0.1	<0.02
AFS051	119.4	0.038	3	0.79	0.033	0.10	0.1	2.6	0.09	0.04	77	0.2	<0.02	2.9	0.93	<0.1	<0.02
DFH001	417.7	0.015	7	0.39	0.019	0.02	<0.1	1.5	0.07	0.23	77	1.0	0.06	1.6	0.18	<0.1	<0.02
DFH002	36.2	0.021	2	0.18	0.030	0.02	<0.1	0.7	<0.02	0.06	42	0.1	<0.02	0.8	0.15	<0.1	0.02
DFH003	73.6	0.012	2	0.43	0.033	0.04	<0.1	0.5	0.03	0.05	39	<0.1	<0.02	1.7	0.30	<0.1	<0.02
MFH001	79.2	0.007	2	0.34	0.025	0.03	<0.1	0.4	0.03	0.04	69	0.1	<0.02	1.5	0.34	<0.1	<0.02
MFH002	58.1	0.015	2	0.32	0.024	0.03	<0.1	0.6	0.02	0.06	53	0.1	<0.02	1.3	0.24	<0.1	<0.02
MFH003	232.3	0.013	4	0.94	0.018	0.05	<0.1	0.7	0.08	0.11	152	0.3	<0.02	2.2	0.52	<0.1	<0.02
MFH004	276.1	0.061	6	1.54	0.013	0.14	0.1	3.2	0.19	0.11	139	0.2	0.05	4.8	1.77	<0.1	<0.02
MFH005	140.5	0.025	3	0.75	0.029	0.04	<0.1	0.8	0.06	0.07	61	<0.1	0.02	2.3	0.54	<0.1	<0.02
MFH006	202.5	0.027	5	0.58	0.016	0.05	<0.1	1.2	0.07	0.12	93	0.2	<0.02	2.1	0.38	<0.1	<0.02
MFH007	292.5	0.013	7	0.86	0.007	0.03	0.1	1.5	0.07	0.18	139	0.5	<0.02	2.4	0.27	<0.1	<0.02
MFH009	276.2	0.010	6	0.33	0.009	0.05	<0.1	1.1	0.06	0.16	215	0.1	<0.02	0.7	0.25	<0.1	<0.02
MFH010	132.0	0.025	3	0.77	0.013	0.02	<0.1	1.3	0.14	0.17	106	0.3	<0.02	1.7	0.18	<0.1	<0.02
MFH011	168.4	0.017	6	0.58	0.007	0.01	0.2	0.6	0.07	0.18	93	0.4	0.05	4.5	0.18	0.2	<0.02
MFH012	307.3	0.009	8	0.56	0.008	0.02	<0.1	0.9	0.14	0.25	155	0.5	<0.02	0.7	0.20	<0.1	<0.02
MFH013	320.0	0.016	13	0.64	0.018	0.02	<0.1	1.9	0.11	0.23	108	1.1	0.04	1.7	0.40	<0.1	0.03
MFH014	428.2	0.006	13	0.22	0.012	0.02	<0.1	1.3	0.10	0.25	106	0.5	<0.02	0.7	0.12	0.1	0.02
MFH015	445.1	0.026	8	0.78	0.019	0.07	<0.1	2.5	0.16	0.16	159	0.7	0.03	2.2	0.53	<0.1	<0.02
MFH016	86.9	0.020	5	0.22	0.019	0.06	<0.1	0.6	0.03	0.10	151	0.3	<0.02	1.2	0.54	<0.1	<0.02
MFH018	85.7	0.024	5	0.29	0.042	0.02	<0.1	0.7	0.03	0.09	41	0.4	<0.02	1.1	0.20	<0.1	0.04
MFH019	74.3	0.007	3	0.25	0.023	0.04	<0.1	0.4	0.02	0.04	77	<0.1	<0.02	0.9	0.23	<0.1	<0.02
MFH020	121.4	0.064	4	1.03	0.023	0.05	<0.1	2.9	0.07	0.04	72	0.2	<0.02	3.4	1.02	<0.1	<0.02
MFH022	169.2	0.012	7	0.47	0.015	0.03	<0.1	0.7	0.04	0.22	108	0.4	<0.02	0.9	0.22	<0.1	0.04
MFH023	161.6	0.021	10	0.42	0.027	0.03	<0.1	0.7	0.06	0.15	88	0.4	<0.02	1.1	0.18	<0.1	<0.02
MFH024	132.2	0.025	5	0.43	0.027	0.04	<0.1	0.8	0.03	0.11	64	0.2	<0.02	1.2	0.28	<0.1	0.02
MFH025	1317.6	0.015	7	1.21	0.016	0.02	<0.1	0.9	0.27	0.24	83	0.9	0.05	3.0	0.19	0.1	0.03
MFH026	93.0	0.009	3	0.44	0.016	0.05	<0.1	0.4	0.02	0.07	100	0.2	<0.02	1.3	0.30	<0.1	<0.02
MFH027	22.8	0.017	5	0.25	0.013	0.05	<0.1	1.2	0.02	0.13	115	0.2	<0.02	1.0	0.27	<0.1	0.03
MFH028	186.0	0.016	5	0.54	0.034	0.02	<0.1	0.5	0.06	0.16	55	0.4	0.03	1.6	0.19	<0.1	<0.02
MFH029	118.9	0.013	10	0.37	0.013	0.02	<0.1	1.1	0.08	0.24	112	0.5	<0.02	0.7	0.10	<0.1	0.04
MFH030	517.8	0.005	11	0.55	0.008	0.03	<0.1	1.9	0.15	0.19	157	0.7	0.04	2.1	0.14	<0.1	0.04
MFH031	318.1	0.020	7	0.62	0.024	0.02	<0.1	0.9	0.09	0.23	74	0.6	0.04	2.3	0.23	<0.1	<0.02

	AQ251 Nb PPM 0.02	AQ251 Rb PPM 0.1	AQ251 Sn PPM 0.1	AQ251 Ta PPM 0.05	AQ251 Zr PPM 0.1	AQ251 Y PPM 0.01	AQ251 Ce PPM 0.1	AQ251 In PPM 0.02	AQ251 Re PPB 1	AQ251 Be PPM 0.1	AQ251 Li PPM 0.1	AQ251 Pd PPB 10	AQ251 Pt PPB 2
Sample	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
AFS003	0.38	2.5	0.7	<0.05	1.1	7.82	20.4	<0.02	<1	0.1	1.9	<10	<2
AFS004	0.98	23.8	2.1	<0.05	1.9	23.29	57.3	0.04	<1	0.7	13.2	<10	<2
AFS006	0.18	3.8	0.5	<0.05	0.3	2.84	7.8	<0.02	<1	0.2	1.4	<10	<2
AFS007	0.21	2.6	0.3	<0.05	0.4	1.78	7.9	<0.02	<1	0.2	2.4	<10	<2
AFS021	0.19	2.8	0.6	<0.05	0.3	2.09	8.1	<0.02	<1	0.1	0.6	<10	<2
AFS026	0.87	17.8	1.6	<0.05	1.8	3.08	18.2	0.03	<1	0.2	19.3	<10	<2
AFS039	0.22	3.9	0.4	<0.05	1.5	4.23	6.4	<0.02	<1	0.1	1.5	<10	<2
AFS044	0.21	8.3	0.3	<0.05	0.3	1.02	4.2	<0.02	<1	0.1	1.8	<10	<2
AFS049	0.72	12.6	0.6	<0.05	1.9	8.77	18.8	<0.02	<1	0.5	6.1	<10	<2
AFS050	0.48	7.3	0.8	<0.05	0.5	3.89	20.9	<0.02	<1	0.2	4.7	<10	<2
AFS051	0.39	13.8	0.5	<0.05	0.6	5.04	29.4	<0.02	<1	0.3	4.8	<10	<2
DFH001	0.20	1.6	1.2	<0.05	1.5	1.24	5.5	<0.02	<1	<0.1	0.9	<10	3
DFH002	0.19	1.2	0.1	<0.05	0.9	0.49	1.9	<0.02	2	0.1	0.5	<10	<2
DFH003	0.20	4.4	0.6	<0.05	0.1	1.11	7.0	<0.02	<1	0.1	1.0	<10	<2
MFH001	0.10	3.3	0.4	<0.05	<0.1	2.42	8.7	<0.02	2	0.1	0.6	<10	<2
MFH002	0.19	2.4	0.4	<0.05	0.2	2.15	6.6	<0.02	<1	0.2	0.5	<10	2
MFH003	0.43	7.2	1.0	<0.05	0.3	25.14	70.5	<0.02	<1	1.1	2.7	<10	<2
MFH004	0.95	17.0	1.1	<0.05	1.0	21.25	67.1	<0.02	<1	0.5	9.8	<10	<2
MFH005	0.21	5.9	1.0	<0.05	0.3	11.42	33.7	<0.02	<1	0.6	3.4	<10	<2
MFH006	0.24	4.0	1.6	<0.05	0.4	17.60	47.9	<0.02	<1	0.2	1.2	<10	<2
MFH007	0.27	2.1	2.2	<0.05	0.2	23.64	69.7	<0.02	<1	0.5	0.9	<10	<2
MFH009	0.09	3.2	0.2	<0.05	0.4	27.21	51.9	<0.02	<1	0.2	0.5	<10	<2
MFH010	0.38	1.5	0.8	<0.05	0.6	24.01	32.7	<0.02	<1	0.2	0.8	<10	<2
MFH011	0.34	1.4	0.2	<0.05	0.2	10.94	19.8	<0.02	2	<0.1	0.5	<10	<2
MFH012	0.22	1.8	0.7	<0.05	0.2	16.89	23.1	<0.02	<1	0.3	0.7	<10	<2
MFH013	0.34	2.4	0.3	<0.05	1.8	18.81	19.8	<0.02	2	0.3	3.9	<10	<2
MFH014	0.16	0.8	0.8	<0.05	0.9	9.85	9.2	<0.02	<1	0.2	0.9	<10	<2
MFH015	0.39	6.8	0.9	<0.05	0.8	15.50	29.6	<0.02	1	0.4	6.1	<10	<2
MFH016	0.20	3.2	0.1	<0.05	0.5	0.87	2.6	<0.02	<1	<0.1	0.6	<10	<2
MFH018	0.29	1.9	0.1	<0.05	1.6	1.14	4.5	<0.02	<1	<0.1	0.6	<10	<2
MFH019	0.07	2.0	0.9	<0.05	<0.1	1.59	6.4	<0.02	<1	<0.1	0.3	<10	<2
MFH020	0.51	8.6	0.6	<0.05	0.6	3.99	14.2	<0.02	<1	0.2	5.1	<10	<2
MFH022	0.22	2.0	0.3	<0.05	1.9	2.03	5.0	<0.02	<1	<0.1	0.5	<10	<2
MFH023	0.21	1.9	0.4	<0.05	0.6	2.55	6.7	<0.02	1	0.2	0.6	<10	<2
MFH024	0.33	3.3	0.4	<0.05	0.7	2.14	6.3	<0.02	<1	0.2	0.6	<10	<2
MFH025	0.28	1.4	0.3	<0.05	1.1	4.49	12.4	<0.02	1	0.2	1.8	<10	2
MFH026	0.08	2.1	1.2	<0.05	<0.1	1.99	9.3	<0.02	<1	0.2	0.7	<10	<2
MFH027	0.21	1.8	0.2	<0.05	1.3	1.25	3.6	<0.02	<1	<0.1	0.8	<10	<2
MFH028	0.30	1.2	0.2	<0.05	0.6	1.94	7.5	<0.02	<1	0.1	1.4	<10	<2
MFH029	0.20	1.0	0.9	<0.05	2.3	4.01	4.7	<0.02	4	<0.1	0.2	<10	<2
MFH030	0.11	1.4	<0.1	<0.05	2.2	10.59	21.0	<0.02	2	0.3	0.5	<10	<2
MFH031	0.31	1.4	0.7	<0.05	0.7	2.20	8.6	<0.02	1	0.2	0.7	<10	<2

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Depth cm	Colour	Horizon
AFS001	Soil	23-Aug-15	409504	6856661	8	1270	A Travis	5	brown	b/c
AFS002	Soil	23-Aug-15	409615	6856506.5	8	1250	A Travis	5	brown	b/c
AFS005	Soil	23-Aug-15	409905	6855979	8	1267	A Travis	15	red brown	b/c
AFS008	Soil	23-Aug-15	410114	6855421	8	1290	A Travis	35	orange	b/c
AFS009	Soil	23-Aug-15	410234	6855264	8	1301	A Travis	20	orange brown	b/c
AFS010	Soil	23-Aug-15	410426	6855218	8	1291	A Travis	30	orange brown	b/c
AFS011	Soil	23-Aug-15	410606	6855132	8	1294	A Travis	10	light brown	b/c
AFS012	Soil	23-Aug-15	410770	6855033	8	1280	A Travis	10	red brown	b/c
AFS013	Soil	23-Aug-15	410910	6854891	8	1273	A Travis	10	red brown	b/c
AFS014	Soil	23-Aug-15	411102	6854828	8	1293	A Travis	10	light brown	b/c
AFS015	Soil	23-Aug-15	411252	6854689	8	1302	A Travis	10	red brown	b/c
AFS016	Soil	23-Aug-15	411412	6854578	8	1318	A Travis	10	light brown	b/c
AFS017	Soil	23-Aug-15	411560	6854432	8	1312	A Travis	10	red brown	b/c
AFS018	Soil	23-Aug-15	411698	6854288	8	1276	A Travis	10	red brown	b/c
AFS019	Soil	23-Aug-15	411805	6854118	8	1287	A Travis	10	red brown	b/c
AFS020	Soil	23-Aug-15	411977	6854011	8	1265	A Travis	10	light brown	b/c
AFS022	Soil	23-Aug-15	412362	6853891	8	1212	A Travis	10	red brown	b/c
AFS023	Soil	23-Aug-15	412564	6853829	8	1233	A Travis	10	red brown	b/c
AFS024	Soil	23-Aug-15	412753	6853786	8	1252	A Travis	10	red brown	b/c
AFS025	Soil	23-Aug-15	412923	6853678	8	1235	A Travis	10	light brown	b/c
AFS027	Soil	23-Aug-15	413203	6853409	8	1241	A Travis	10	red brown	b/c
AFS028	Soil	23-Aug-15	413405	6853435	8	1220	A Travis	10	red brown	b/c
AFS029	Soil	23-Aug-15	413600	6853498	8	1190	A Travis	15	grey brown	b/c
AFS030	Soil	23-Aug-15	413799	6853518	8	1176	A Travis	10	red brown	b/c
AFS031	Soil	23-Aug-15	414009	6853491	8	1200	A Travis	10	red brown	b/c
AFS032	Soil	23-Aug-15	414181	6853393	8	1195	A Travis	10	red brown	b/c
AFS033	Soil	23-Aug-15	414347	6853340	8	1159	A Travis	10	red brown	b/c
AFS034	Soil	24-Aug-15	431192	6854770	8	867	A Travis	15	brown	b
AFS035	Soil	24-Aug-15	431105	6854954	8	867	A Travis	15	brown	b
AFS036	Soil	24-Aug-15	431064	6855149	8	861	A Travis	15	brown	b
AFS037	Soil	24-Aug-15	431048	6855385	8	864	A Travis	15	brown	b
AFS038	Soil	24-Aug-15	430998	6855594	8	928	A Travis	15	brown	b
AFS040	Soil	24-Aug-15	430704	6855918	8	853	A Travis	20	dark brown	a/b
AFS041	Soil	24-Aug-15	430576	6856061	8	856	A Travis	15	brown	b
AFS042	Soil	24-Aug-15	430487	6856245	8	855	A Travis	20	b	b
AFS043	Soil	24-Aug-15	430412	6856432	8	851	A Travis	20	silt/sand	glacial
AFS045	Soil	24-Aug-15	430308	6856782	8	851	A Travis	20	brown	b
AFS046	Soil	24-Aug-15	430115	6856952	8	835	A Travis	20	brown	b
AFS047	Soil	24-Aug-15	429972	6857099	8	827	A Travis	20	brown	b
AFS048	Soil	24-Aug-15	429898	6857270	8	810	A Travis	20	grey brown	b
AFS052	Soil	24-Aug-15	429582	6857993	8	839	A Travis	20	grey brown	b
DFS001	Soil	23-Aug-15	409411	6856748	8	1277	D. Coolidge	10	or-bn	C

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Depth cm	Colour	Horizon
DFS002	Soil	23-Aug-15	409244	6856860.3	8	1259	D. Coolidge	5	bn-or	C
DFS003	Soil	23-Aug-15	409033	6856910.9	8	1220	D. Coolidge	30	wh-gy	A
DFS004	Soil	23-Aug-15	408840	6856960.9	8	1217	D. Coolidge	35	wh-gy	A
DFS005	Soil	23-Aug-15	408650	6857031.8	8	1205	D. Coolidge	35	gy-wh	A
DFS006	Soil	23-Aug-15	408456	6857110.2	8	1194	D. Coolidge	30	dk bn	B
DFS007	Soil	23-Aug-15	408264	6857181.9	8	1177	D. Coolidge	35	dk bn	B
DFS008	Soil	23-Aug-15	408074	6857283.3	8	1188	D. Coolidge	40	or-bn	B/C
DFS009	Soil	23-Aug-15	407884	6857378.6	8	1209	D. Coolidge	30	or-bn	C
DFS010	Soil	23-Aug-15	407699	6857458.1	8	1225	D. Coolidge	40	or -bn	C
DFS011	Soil	23-Aug-15	407510	6857544.1	8	1259	D. Coolidge	35	lt gy	loess
DFS012	Soil	23-Aug-15	407309	6857598.2	8	1286	D. Coolidge	30	lt-or-bn	C
DFS013	Soil	23-Aug-15	407108	6857631.1	8	1317	D. Coolidge	20	or-bn	C
DFS014	Soil	23-Aug-15	406956	6857770.9	8	1314	D. Coolidge	10	bn	C
DFS015	Soil	23-Aug-15	406797	6857907	8	1330	D. Coolidge	15	or-bn	C
DFS016	Soil	23-Aug-15	406622	6858009.6	8	1314	D. Coolidge	15	or-bn	C
DFS017	Soil	23-Aug-15	406420	6858000.1	8	1303	D. Coolidge	10	bn	C
DFS018	Soil	23-Aug-15	406268	6858130	8	1285	D. Coolidge	20	bn	B
DFS019	Soil	23-Aug-15	406098	6858249.9	8	1261	D. Coolidge	25	or-bn-yl	B/C
DFS020	Soil	23-Aug-15	405892	6858288.6	8	1266	D. Coolidge	10	bn-or	B
DFS021	Soil	23-Aug-15	405713	6858390.1	8	1273	D. Coolidge	25	bn	B
DFS022	Soil	23-Aug-15	405514	6858417.4	8	1254	D. Coolidge	20	bn	B/C
DFS023	Soil	23-Aug-15	405314	6858467.9	8	1230	D. Coolidge	15	rd-bn	B/C
DFS024	Soil	23-Aug-15	405125	6858531.4	8	1249	D. Coolidge	10	bn	C
DFS025	Soil	23-Aug-15	404928	6858575.4	8	1247	D. Coolidge	15	lt bn	C
DFS026	Soil	24-Aug-15	423448	6859089.1	8	1215	D. Coolidge	10	lt bn	C
DFS027	Soil	24-Aug-15	423649	6859105.1	8	1191	D. Coolidge	15	or-bn	B/C
DFS028	Soil	24-Aug-15	423856	6859115.6	8	1194	D. Coolidge	10	lt bn	B/C
DFS029	Soil	24-Aug-15	424048	6859169.2	8	1178	D. Coolidge	8	or-bn	C
DFS030	Soil	24-Aug-15	424248	6859197.6	8	1162	D. Coolidge	25	bn	B
DFS031	Soil	24-Aug-15	424420	6859301.1	8	1129	D. Coolidge	35	bn-or	B
DFS032	Soil	24-Aug-15	424622	6859325.1	8	1115	D. Coolidge	35	or-bn	C
DFS033	Soil	24-Aug-15	424799	6859438.4	8	1094	D. Coolidge	35	lt bn	B
DFS034	Soil	24-Aug-15	424990	6859517	8	1053	D. Coolidge	40	bn-or	B
DFS035	Soil	24-Aug-15	425387	6859545.9	8	1008	D. Coolidge	30	bn	B
DFS036	Soil	24-Aug-15	425567	6859645.1	8	999	D. Coolidge	35	bn	B
DFS037	Soil	24-Aug-15	425975	6859669.7	8	985	D. Coolidge	30	or-bn	B
DFS038	Soil	24-Aug-15	426180	6859678.4	8	974	D. Coolidge	10	rd -bn	C
DFS039	Soil	24-Aug-15	426576	6859649.8	8	927	D. Coolidge	35	lt bn	C
MFS001	Soil	22-Aug-15	422955	6854815	8	1068	M. Cathro	20	br	c
MFS002	Soil	22-Aug-15	423115	6855018	8	1066	M. Cathro	20	br	c
MFS003	Soil	22-Aug-15	422416	6856395	8	972	M. Cathro	20	br	c
MFS004	Soil	23-Aug-15	406886	6863295	8	1709	M. Cathro	20	or-br	
MFS005	Soil	23-Aug-15	406754	6863446	8	1681	M. Cathro	20	br	c

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Depth cm	Colour	Horizon
MFS006	Soil	23-Aug-15	406583	6863560	8	1678	M. Cathro	20	br	c
MFS007	Soil	23-Aug-15	406379	6863619	8	1671	M. Cathro	20	br	c
MFS008	Soil	23-Aug-15	406182	6863598	8	1638	M. Cathro	20	br	c
MFS009	Soil	23-Aug-15	405983	6863573	8	1588	M. Cathro	20	br	c
MFS010	Soil	23-Aug-15	405778	6863633	8	1547	M. Cathro	20	br	c
MFS011	Soil	23-Aug-15	405581	6863683	8	1505	M. Cathro	20	br	c
MFS012	Soil	23-Aug-15	405380	6863695	8	1446	M. Cathro	20	br	c
MFS013	Soil	23-Aug-15	405199	6863607	8	1400	M. Cathro	30	br	b/loess
MFS014	Soil	23-Aug-15	405028	6863511	8	1354	M. Cathro	30	br	b/loess
MFS015	Soil	23-Aug-15	404865	6863357	8	1319	M. Cathro	20	or-br	c
MFS016	Soil	23-Aug-15	404661	6862989	8	1330	M. Cathro	20	or-br	c
MFS018	Soil	23-Aug-15	404626	6862632	8	1364	M. Cathro	20	or-br	c
MFS019	Soil	23-Aug-15	404713	6862452	8	1376	M. Cathro	20	or-br	c
MFS020	Soil	23-Aug-15	404692	6862239	8	1392	M. Cathro	20	or-br	c
MFS021	Soil	23-Aug-15	404772	6862051	8	1396	M. Cathro	20	or-br	c
MFS022	Soil	23-Aug-15	404859	6861866	8	1402	M. Cathro	20	or-br	c
MFS023	Soil	23-Aug-15	404967	6861693	8	1398	M. Cathro	20	or-br	c
MFS024	Soil	23-Aug-15	405071	6861494	8	1386	M. Cathro	20	or-br	c
MFS025	Soil	23-Aug-15	405095	6861317	8	1366	M. Cathro	20	or-br	c
MFS026	Soil	23-Aug-15	405163	6861126	8	1353	M. Cathro	20	or-br	c
MFS027	Soil	23-Aug-15	405271	6860950	8	1327	M. Cathro	20	or-br	c
MFS028	Soil	23-Aug-15	405381	6860781	8	1321	M. Cathro	20	or-br	c
MFS029	Soil	23-Aug-15	405531	6860645	8	1335	M. Cathro	20	or-br	b
MFS030	Soil	23-Aug-15	405632	6860491	8	1314	M. Cathro	20	or-br	b
MFS031	Soil	23-Aug-15	405742	6860298	8	1277	M. Cathro	35	or-br	b
MFS032	Soil	23-Aug-15	405935	6860208	8	1230	M. Cathro	35	or-br	b
MFS033	Soil	23-Aug-15	406111	6860075	8	1198	M. Cathro	35	m br	b
MFS034	Soil	23-Aug-15	407420	6859939	8	1187	M. Cathro	20	or-br	b
MFS035	Soil	24-Aug-15	425703	6854274	8	1201	M. Cathro	30	or-br	b
MFS036	Soil	24-Aug-15	425855	6855256	8	1105	M. Cathro	30	or-br	b-c
MFS037	Soil	24-Aug-15	425398	6855689	8	1081	M. Cathro	30	or-br	b-c
MFS038	Soil	24-Aug-15	425516	6856061	8	1068	M. Cathro	30	or-br	b-c
MFS039	Soil	24-Aug-15	425942	6856809	8	1034	M. Cathro	30	or-br	b-c
MFS040	Soil	24-Aug-15	426137	6857150	8	1037	M. Cathro	30	or-br	b-c

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	**Comments**	**Certificate**	**Au-FA_ppb**	**Mo_ppm**	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**
AFS001	weathered intrusive outcrop	WHI15000167	4	0.76	15.23	10.64	69.4	27	15.3
AFS002	base of weathered intrusive outcrop, inserted this soil halfway between 1 & 2	WHI15000167	11	1.13	25.30	4.23	19.9	320	8.0
AFS005	weathered intrusive bedrock	WHI15000167	7	0.98	20.60	10.49	64.6	31	17.1
AFS008	weathered intrusive bedrock	WHI15000167	5	0.71	12.66	6.77	58.3	37	12.0
AFS009	weathered intrusive bedrock	WHI15000167	3	0.85	9.75	7.36	42.9	22	8.6
AFS010	weathered intrusive bedrock	WHI15000167	<2	0.86	11.79	7.50	40.5	63	9.4
AFS011	weathered intrusive bedrock, along ridge	WHI15000167	<2	1.07	20.52	9.79	50.2	91	14.4
AFS012	weathered intrusive bedrock, along ridge	WHI15000167	6	0.84	19.99	8.85	69.5	162	16.6
AFS013	weathered intrusive bedrock, along ridge	WHI15000167	5	0.78	19.54	9.79	53.5	42	17.8
AFS014	weathered intrusive bedrock, along ridge	WHI15000167	4	0.92	21.82	9.94	64.4	106	21.5
AFS015	weathered intrusive bedrock, along ridge	WHI15000167	5	0.60	24.23	11.88	107.7	25	21.7
AFS016	weathered intrusive bedrock, along ridge	WHI15000167	9	0.95	17.49	10.86	67.5	40	19.6
AFS017	weathered intrusive bedrock, along ridge	WHI15000167	5	0.79	13.99	7.79	73.7	37	14.5
AFS018	weathered intrusive bedrock, along ridge	WHI15000167	5	1.01	10.15	10.78	53.9	45	10.6
AFS019	weathered intrusive bedrock, along ridge	WHI15000167	6	0.85	17.25	11.01	59.0	48	13.0
AFS020	weathered intrusive bedrock, along ridge	WHI15000167	2	0.64	14.56	8.77	65.1	18	18.5
AFS022	weathered intrusive bedrock, along ridge	WHI15000167	4	1.06	16.61	9.92	71.8	52	15.1
AFS023	weathered intrusive bedrock, along ridge	WHI15000167	5	0.95	13.98	9.53	72.8	33	13.6
AFS024	weathered intrusive bedrock, along ridge	WHI15000167	4	1.05	18.40	11.65	97.1	67	13.0
AFS025	weathered intrusive bedrock, along ridge	WHI15000167	<2	1.05	17.46	10.65	92.0	47	11.1
AFS027	weathered intrusive bedrock, along ridge	WHI15000167	<2	0.20	20.61	4.01	22.3	301	6.5
AFS028	weathered intrusive bedrock, along ridge	WHI15000167	2	0.81	15.57	8.95	74.4	39	15.5
AFS029		WHI15000167	5	0.68	18.49	11.11	73.1	40	18.6
AFS030	weathered intrusive bedrock, along ridge	WHI15000167	<2	0.72	18.63	9.14	51.1	39	11.0
AFS031	weathered intrusive bedrock, along ridge	WHI15000167	3	0.71	13.14	8.58	49.6	30	13.3
AFS032	weathered intrusive bedrock, along ridge	WHI15000167	5	0.63	16.16	9.09	92.5	36	7.2
AFS033	weathered intrusive bedrock, along ridge	WHI15000167	<2	1.00	20.25	12.70	61.0	53	16.5
AFS034	along north side of creek valley	WHI15000167	5	0.87	12.48	7.98	74.2	78	9.7
AFS035	along north side of creek valley	WHI15000167	6	0.33	25.43	3.44	57.5	33	14.2
AFS036	along north side of creek valley	WHI15000167	4	0.32	39.61	4.16	31.8	30	17.3
AFS037	along north side of creek valley	WHI15000167	2	0.24	23.99	2.42	20.8	140	7.7
AFS038	along north side of creek valley	WHI15000167	5	0.39	51.16	10.21	59.3	72	25.3
AFS040	along north side of creek valley	WHI15000167	3	0.39	42.84	4.47	37.8	45	21.6
AFS041	rocky	WHI15000167	4	0.80	25.47	7.25	37.6	81	13.1
AFS042	along north side of creek valley	WHI15000167	3	0.51	19.13	5.43	32.1	21	8.8
AFS043	small hill or mound in middle of valley which probably deposited by glacier or glaciofluvial action	WHI15000167	<2	0.04	7.49	0.20	7.5	17	1.1
AFS045	south side of valley	WHI15000167	58	0.38	35.38	42.79	49.7	177	5.2
AFS046	south side of valley	WHI15000167	5	0.44	42.88	5.48	47.5	53	19.8
AFS047	south side of valley	WHI15000167	4	0.56	30.01	5.11	38.2	42	14.5
AFS048	south side of valley	WHI15000167	4	0.97	36.97	12.81	42.9	75	22.0
AFS052	north side of valley	WHI15000167	3	0.70	32.89	5.88	43.6	40	18.5
DFS001	Granitoid outcrop	WHI15000167	2	1.06	20.18	11.21	65.8	50	23.1

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	**Comments**	**Certificate**	**Au-FA_ppb**	**Mo_ppm**	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**
DFS002	Grity; sandy "C"	WHI15000167	4	0.93	25.91	25.91	67.1	65	24.4
DFS003	Grity; sandy "C"	WHI15000167	2	0.17	13.59	1.49	11.3	35	3.0
DFS004	Grit ; fine grained loess	WHI15000167	4	0.29	26.03	4.21	27.2	114	7.4
DFS005	loess; boggy; poor sample	WHI15000167	6	0.33	11.19	1.44	12.9	243	3.3
DFS006	grit with water; boggy.	WHI15000167	4	0.69	40.50	7.19	48.6	126	13.6
DFS007	well develped soil in a recessive NE trending gulch.	WHI15000167	4	0.79	25.94	7.25	51.9	113	14.8
DFS008	buck brush and moss	WHI15000167	3	0.53	25.13	6.83	43.8	52	12.5
DFS009	Till? Loess and granitiod sand.	WHI15000167	<2	0.44	11.92	5.56	31.0	33	7.2
DFS010	buck brush and spruce	WHI15000167	3	1.07	34.33	13.05	55.1	114	15.0
DFS011	fine grained-poor sample.	WHI15000167	<2	0.09	4.39	0.98	9.6	33	1.8
DFS012	granitoid; grit and sand.	WHI15000167	2	0.77	18.15	8.65	57.6	37	12.4
DFS013	granitoid parent; top of ridge.	WHI15000167	4	0.91	16.32	11.62	81.1	77	21.1
DFS014	granitoid parent; top of ridge.	WHI15000167	4	0.93	22.19	13.33	70.2	53	29.5
DFS015	granitoid parent; top of ridge.	WHI15000167	4	0.87	14.50	10.04	71.6	22	15.5
DFS016	well develped soil; granitiod parent.	WHI15000167	3	0.44	11.97	9.80	90.8	48	19.2
DFS017	granitoid, sand , grit and pebbles.	WHI15000167	11	0.89	19.17	9.12	65.0	107	24.6
DFS018	fine grained soil; buck brush.	WHI15000167	11	1.00	16.78	7.46	57.8	169	11.7
DFS019	Granitoid parent; buck brush.	WHI15000167	2	0.94	12.26	8.79	70.7	32	15.1
DFS020	Granitiod grit on ridge. Good soil.	WHI15000167	3	0.73	23.61	10.96	67.7	32	29.4
DFS021	Buck brush and moss.	WHI15000167	3	0.89	16.73	8.16	63.8	78	19.0
DFS022	Grity sand and pebles. Recessive saddle.	WHI15000167	3	0.69	15.58	7.34	48.3	97	16.4
DFS023	Grity sand and pebles.	WHI15000167	<2	0.45	8.43	6.20	87.6	29	11.3
DFS024	Granitiod grit; outcrop present.	WHI15000167	<2	0.78	27.09	9.38	118.5	237	17.9
DFS025	granualr with granitoid boulders.	WHI15000167	8	0.85	22.43	9.91	61.9	221	25.0
DFS026	Granitoid outcrop on ridge.	WHI15000167	3	0.28	13.28	6.42	58.5	24	14.3
DFS027	South side of knoll.	WHI15000167	<2	0.40	14.33	4.07	35.4	15	13.4
DFS028	Granitoid on knoll.	WHI15000167	2	0.63	25.51	6.49	43.9	35	15.1
DFS029	loess; over "C" horizon.	WHI15000167	<2	0.36	12.87	3.75	26.4	27	7.6
DFS030	under a layer of loess	WHI15000167	<2	0.88	25.56	6.73	77.2	97	15.5
DFS031	Grity sand with granitoid cobbles.	WHI15000167	<2	0.61	19.67	6.58	31.8	39	14.8
DFS032	Grity; below layer of ash.	WHI15000167	2	0.40	19.62	4.02	27.6	32	12.6
DFS033	fine grained grit.	WHI15000167	<2	0.44	15.28	4.65	25.7	55	10.0
DFS034	Spruce and spagnum moss on an east facing slope.	WHI15000167	3	0.62	23.96	6.03	38.6	42	14.8
DFS035	Well developed in a flat spruce bog.	WHI15000167	2	0.57	21.53	8.15	30.5	25	17.3
DFS036	grity with granitoid pebbles.	WHI15000167	<2	0.84	24.43	7.99	72.8	101	16.0
DFS037	gritty/ sandy.	WHI15000167	<2	0.47	17.14	5.49	27.8	74	10.2
DFS038	grity/sand.	WHI15000167	<2	0.41	21.93	4.88	29.2	61	10.7
DFS039	Taken just east of cat road.	WHI15000167	<2	0.55	16.91	8.21	37.2	80	16.3
MFS001	Silt-sand; QM fresh	WHI15000167	4	0.49	52.62	3.89	36.6	22	23.9
MFS002	Silt-sand; QM fresh	WHI15000167	4	0.63	37.06	6.16	42.2	9	23.4
MFS003	Silt-sand; QM fresh	WHI15000167	2	0.54	12.15	4.75	35.0	22	8.3
MFS004	soil / till going up right bank; sandy outwash; or-grey granitic soil; mixed bldrs	WHI15000167	2	0.32	9.83	73.97	117.5	20	13.7
MFS005	Silt-sand; QM fresh	WHI15000167	<2	0.41	9.84	8.91	76.6	27	13.4

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	**Comments**	**Certificate**	**Au-FA_ppb**	**Mo_ppm**	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**
MFS006	Silt-sand; QM fresh	WHI15000167	5	1.79	23.42	11.04	67.2	263	18.8
MFS007	Silt-sand; QM fresh	WHI15000167	4	0.65	10.07	10.38	61.5	53	13.1
MFS008	Silt-sand; QM fresh	WHI15000167	3	0.95	13.12	16.36	62.0	49	15.3
MFS009	Silt-sand; QM fresh	WHI15000167	4	0.82	15.14	12.48	64.5	53	16.9
MFS010	Silt-sand; QM fresh	WHI15000167	4	0.48	10.67	13.75	65.8	94	13.6
MFS011	Silt-sand; QM fresh	WHI15000167	6	0.67	14.07	10.94	54.5	38	15.9
MFS012	silt-sand; 20% loess	WHI15000167	2	0.39	15.95	9.03	50.4	49	9.9
MFS013	silt-sand; 50% loess	WHI15000167	9	0.43	9.46	4.57	32.2	103	7.5
MFS014	Gravel-silt-sand; 50% loess	WHI15000167	9	0.29	11.68	7.40	45.1	21	12.8
MFS015	Gravel-sand-silt	WHI15000167	4	0.41	6.80	19.20	41.1	17	6.9
MFS016	Gravel-sand-silt	WHI15000167	5	0.82	15.25	12.97	53.6	20	18.9
MFS018	Gravel-sand-silt	WHI15000167	4	0.45	12.00	8.56	54.8	24	12.7
MFS019	Gravel-sand-silt	WHI15000167	3	0.56	14.38	27.49	55.0	16	13.3
MFS020	Gravel-sand-silt	WHI15000167	2	0.40	8.12	11.61	74.5	38	9.5
MFS021	Gravel-sand-silt	WHI15000167	7	0.77	12.27	13.99	44.6	33	9.0
MFS022	Gravel-sand-silt	WHI15000167	4	0.54	10.73	9.48	75.6	22	13.7
MFS023	Gravel-sand-silt	WHI15000167	3	0.58	13.37	8.23	59.7	28	13.5
MFS024	Gravel-sand-silt	WHI15000167	3	0.85	13.27	11.19	65.1	186	18.5
MFS025	Gravel-sand-silt	WHI15000167	3	0.80	11.32	6.99	62.4	53	10.4
MFS026	Gravel-sand-silt	WHI15000167	4	0.89	23.13	9.26	59.6	104	19.0
MFS027	Gravel-sand-silt	WHI15000167	4	0.68	12.60	8.23	56.1	63	15.4
MFS028	Gravel-sand-silt	WHI15000167	18	0.92	12.70	29.62	77.8	80	15.2
MFS029		WHI15000167	4	1.39	12.16	11.37	56.9	132	13.3
MFS030		WHI15000167	3	0.93	26.62	10.51	82.1	174	24.2
MFS031	clay-silt	WHI15000167	2	0.66	12.37	7.74	56.6	91	15.6
MFS032	clay-silt	WHI15000167	4	1.08	12.90	10.66	38.2	60	7.6
MFS033	clay-silt	WHI15000167	<2	0.56	16.01	6.53	39.5	79	8.2
MFS034	clay-silt	WHI15000167	<2	0.71	23.56	10.07	74.6	41	20.3
MFS035	sand-pebbles	WHI15000167	12	0.58	35.66	4.73	50.6	45	19.5
MFS036	clay-silt-sand-gravel	WHI15000167	9	0.61	40.72	4.40	43.5	24	17.3
MFS037	clay-silt-sand-gravel	WHI15000167	3	0.50	60.26	3.76	28.5	47	18.5
MFS038	clay-silt-sand-gravel	WHI15000167	3	0.81	28.81	7.41	38.1	53	16.6
MFS039	clay-silt-sand-gravel	WHI15000167	3	0.69	30.84	4.84	35.5	18	14.7
MFS040	clay-silt-sand-gravel	WHI15000167	4	0.70	24.78	7.96	36.8	27	20.0

	AQ251 Co PPM	AQ251 Mn PPM	AQ251 Fe %	AQ251 As PPM	AQ251 U PPM	AQ251 Au PPB	AQ251 Th PPM	AQ251 Sr PPM	AQ251 Cd PPM	AQ251 Sb PPM	AQ251 Bi PPM	AQ251 V PPM	AQ251 Ca %	AQ251 P %	AQ251 La PPM	AQ251 Cr PPM	AQ251 Mg %	AQ251 Ba PPM	AQ251 Ti %	AQ251 B PPM
	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**
AFS001	8.3	402	3.20	7.7	0.4	2.2	2.4	72.5	0.14	0.32	0.14	70	0.25	0.054	8.5	25.1	0.57	269.7	0.094	2
AFS002	11.3	1182	3.22	3.2	1.8	4.0	0.8	51.6	0.07	0.27	0.10	48	0.45	0.086	37.7	12.9	0.14	235.4	0.029	3
AFS005	8.1	441	2.72	7.2	0.4	13.2	1.4	21.2	0.14	0.29	0.17	70	0.22	0.041	7.9	25.6	0.48	111.9	0.085	2
AFS008	9.6	545	2.89	6.3	0.4	<0.2	2.1	25.0	0.09	0.24	0.19	75	0.26	0.074	9.6	21.8	0.58	126.1	0.123	2
AFS009	6.1	451	2.45	4.8	0.3	0.3	1.3	18.5	0.16	0.25	0.16	71	0.17	0.042	6.5	19.3	0.40	84.0	0.104	<1
AFS010	6.7	385	2.48	6.5	0.3	<0.2	1.4	15.0	0.12	0.25	0.16	70	0.15	0.043	7.2	19.5	0.37	94.1	0.104	2
AFS011	6.9	292	3.14	8.1	0.5	<0.2	2.2	18.0	0.07	0.40	0.22	83	0.17	0.026	9.1	32.5	0.52	118.2	0.130	2
AFS012	7.5	375	2.84	6.1	0.4	1.2	1.8	22.5	0.15	0.36	0.21	67	0.20	0.030	7.6	25.3	0.53	125.1	0.103	2
AFS013	8.7	466	3.44	8.7	0.4	0.4	2.0	17.6	0.18	0.36	0.24	77	0.16	0.035	6.3	27.1	0.49	127.4	0.105	2
AFS014	10.2	309	3.48	9.8	0.6	0.9	3.2	24.6	0.10	0.37	0.20	86	0.23	0.032	9.5	41.3	0.67	157.8	0.134	3
AFS015	13.0	599	3.90	11.0	0.8	<0.2	4.6	26.5	0.15	0.32	0.19	81	0.22	0.044	11.5	36.1	0.93	194.5	0.123	2
AFS016	8.6	417	3.24	8.4	0.5	0.8	2.9	26.4	0.09	0.40	0.20	76	0.24	0.045	8.7	33.2	0.62	149.6	0.112	2
AFS017	7.3	421	2.96	5.6	0.4	1.5	1.0	28.9	0.07	0.42	0.18	73	0.22	0.063	7.2	25.6	0.53	143.2	0.108	2
AFS018	6.0	499	2.48	4.6	0.5	1.9	2.0	19.0	0.05	0.19	0.21	59	0.20	0.059	9.7	21.0	0.46	108.5	0.099	2
AFS019	6.0	287	2.38	4.7	0.4	0.6	1.7	19.6	0.05	0.40	0.14	60	0.16	0.023	8.4	23.3	0.42	98.6	0.084	2
AFS020	8.8	335	2.99	7.4	0.5	<0.2	2.8	24.7	0.03	0.31	0.16	69	0.21	0.022	9.5	31.2	0.63	143.9	0.107	1
AFS022	7.1	248	3.41	7.4	0.4	3.3	2.2	21.2	0.10	0.45	0.19	85	0.19	0.027	8.5	30.6	0.46	159.8	0.122	1
AFS023	7.1	373	2.99	7.0	0.4	<0.2	2.0	32.7	0.14	0.45	0.17	70	0.27	0.033	7.6	24.8	0.48	153.5	0.094	2
AFS024	6.5	448	3.02	5.9	0.4	<0.2	1.7	24.9	0.11	0.45	0.29	72	0.21	0.048	8.1	23.8	0.46	134.5	0.094	1
AFS025	6.0	423	2.86	5.3	0.3	1.8	1.6	23.1	0.13	0.37	0.27	69	0.20	0.044	7.7	22.1	0.44	126.4	0.089	1
AFS027	2.8	96	0.79	0.7	0.6	0.6	<0.1	26.9	0.26	0.07	0.06	20	0.18	0.047	9.9	6.6	0.09	161.5	0.017	3
AFS028	8.4	484	2.98	6.8	0.5	<0.2	2.4	28.1	0.03	0.44	0.17	77	0.28	0.029	8.8	33.2	0.60	283.7	0.115	2
AFS029	8.5	311	3.15	8.8	0.5	0.2	3.2	27.9	0.01	0.36	0.17	77	0.24	0.024	8.8	36.0	0.62	163.9	0.102	2
AFS030	7.2	630	2.31	5.5	0.5	4.9	1.4	25.8	0.10	0.31	0.17	55	0.20	0.047	6.8	20.1	0.39	176.8	0.061	1
AFS031	6.8	394	2.44	4.1	0.3	<0.2	1.5	29.1	0.04	0.24	0.12	65	0.22	0.029	5.2	20.4	0.38	147.8	0.078	1
AFS032	5.3	508	3.16	7.9	0.6	3.7	1.3	16.3	0.07	0.23	0.14	41	0.11	0.040	3.1	11.7	0.27	133.8	0.028	<1
AFS033	7.5	312	3.08	8.5	0.4	6.8	1.9	32.1	0.07	0.38	0.15	75	0.24	0.027	7.1	28.2	0.53	154.2	0.075	2
AFS034	8.2	587	2.41	3.6	0.3	<0.2	1.4	20.2	0.17	0.33	0.16	61	0.17	0.039	6.5	19.8	0.35	130.5	0.071	<1
AFS035	9.5	564	2.37	7.2	0.4	3.7	1.9	47.3	0.07	0.22	0.03	60	0.84	0.051	8.7	21.4	0.75	107.2	0.102	3
AFS036	10.6	355	2.05	7.7	0.4	2.3	1.3	29.8	0.13	0.26	0.06	56	0.46	0.051	7.6	28.8	0.54	62.5	0.068	2
AFS037	5.3	500	1.16	2.0	0.2	<0.2	0.3	24.5	0.29	0.11	0.06	33	0.20	0.024	4.3	10.6	0.21	152.3	0.048	2
AFS038	12.7	652	3.11	11.3	0.6	2.7	2.7	59.5	0.10	0.39	0.06	76	1.16	0.111	17.0	35.7	0.90	93.6	0.080	3
AFS040	9.9	431	2.27	9.6	0.4	0.3	1.5	51.9	0.07	0.34	0.06	66	1.03	0.082	9.5	32.3	0.65	100.7	0.078	3
AFS041	7.4	241	2.28	5.7	0.5	1.5	1.9	31.1	0.04	0.33	0.12	59	0.35	0.021	6.5	22.0	0.48	90.7	0.068	<1
AFS042	6.6	276	1.70	3.7	0.5	0.3	1.5	28.5	0.08	0.22	0.06	42	0.37	0.041	11.2	14.8	0.35	85.6	0.060	1
AFS043	1.6	54	0.35	<0.1	<0.1	<0.2	<0.1	12.2	<0.01	<0.02	<0.02	10	0.15	0.050	2.4	1.5	0.10	47.8	0.028	<1
AFS045	6.5	652	2.09	2.5	0.7	50.7	2.1	75.4	0.08	0.10	0.12	43	0.68	0.096	23.6	8.5	0.55	151.2	0.048	1
AFS046	11.9	514	2.58	6.8	0.6	2.3	2.2	54.4	0.06	0.28	0.06	75	0.89	0.090	10.5	33.3	0.71	100.2	0.098	3
AFS047	7.7	288	1.84	5.6	0.3	2.0	1.5	37.3	0.06	0.23	0.07	54	0.62	0.060	6.8	24.6	0.49	77.9	0.069	2
AFS048	10.2	554	2.58	8.8	0.5	57.2	2.6	53.1	0.11	0.44	0.07	71	1.16	0.093	11.2	32.1	0.57	96.1	0.075	2
AFS052	9.6	401	2.60	8.3	0.6	1.6	3.4	37.6	0.04	0.32	0.09	66	0.55	0.049	11.7	34.4	0.59	76.4	0.085	2
DFS001	11.8	391	3.38	9.4	0.5	2.6	2.8	19.4	0.12	0.50	0.20	77	0.19	0.035	8.7	35.7	0.56	148.2	0.100	2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B
	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM
	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**
DFS002	13.0	475	3.01	8.6	0.7	1.5	3.9	25.9	0.29	0.36	0.35	69	0.26	0.045	11.6	37.3	0.61	192.5	0.108	2
DFS003	1.2	50	0.57	1.1	0.3	<0.2	0.2	18.4	0.01	0.05	0.04	15	0.16	0.036	7.3	4.3	0.08	63.0	0.025	<1
DFS004	3.3	101	1.34	1.9	0.8	1.4	0.8	23.8	0.01	0.14	0.07	30	0.24	0.065	7.9	16.6	0.21	118.5	0.038	<1
DFS005	4.5	444	0.88	0.4	0.3	<0.2	<0.1	18.1	0.04	0.07	0.03	27	0.16	0.056	3.8	6.5	0.09	58.5	0.031	1
DFS006	6.9	278	2.11	3.9	0.8	1.7	0.9	29.6	0.08	0.18	0.13	41	0.28	0.067	8.6	26.6	0.41	191.4	0.044	2
DFS007	9.9	546	2.06	3.8	0.6	2.6	1.1	38.8	0.26	0.21	0.15	51	0.42	0.080	9.2	25.8	0.47	166.8	0.063	2
DFS008	7.3	275	2.12	6.2	0.6	1.9	2.8	40.3	0.05	0.25	0.11	54	0.43	0.066	14.8	25.3	0.46	149.6	0.090	2
DFS009	3.4	186	1.23	1.9	0.3	<0.2	0.9	22.1	0.06	0.08	0.06	33	0.21	0.035	7.6	13.2	0.26	77.2	0.060	1
DFS010	8.0	524	2.69	5.4	1.2	<0.2	1.9	39.2	0.09	0.29	0.13	64	0.31	0.061	15.9	28.7	0.47	156.8	0.078	1
DFS011	1.5	46	0.55	0.6	0.2	<0.2	0.1	10.8	<0.01	0.03	<0.02	17	0.10	0.030	5.4	3.0	0.09	36.4	0.030	<1
DFS012	7.5	414	2.52	5.0	0.5	1.7	2.5	27.4	0.06	0.26	0.13	56	0.20	0.036	8.4	22.8	0.49	109.1	0.092	<1
DFS013	10.5	431	3.12	8.3	0.6	1.1	3.5	20.2	0.17	0.41	0.15	68	0.17	0.034	10.7	33.4	0.59	114.1	0.088	1
DFS014	13.6	410	3.06	8.7	0.7	4.9	4.2	20.6	0.15	0.41	0.16	69	0.22	0.045	13.4	37.0	0.60	140.2	0.116	1
DFS015	11.1	787	3.52	6.0	0.7	0.6	4.1	34.6	0.05	0.31	0.12	84	0.33	0.116	15.7	28.3	0.70	131.2	0.142	1
DFS016	10.3	700	2.72	4.8	0.8	<0.2	4.0	71.0	0.20	0.18	0.08	51	0.21	0.041	9.8	25.7	0.70	140.6	0.105	1
DFS017	11.9	411	3.01	8.1	0.8	<0.2	4.3	20.4	0.11	0.41	0.14	69	0.22	0.044	13.3	38.3	0.64	139.1	0.130	2
DFS018	10.8	1054	2.50	5.2	0.6	0.4	1.8	26.2	0.08	0.29	0.15	66	0.23	0.044	11.2	25.4	0.47	116.5	0.099	<1
DFS019	7.7	365	3.38	8.1	0.4	<0.2	2.3	21.6	0.08	0.39	0.16	76	0.17	0.046	7.8	27.9	0.48	127.5	0.115	1
DFS020	10.6	324	3.30	9.7	0.6	1.4	3.6	26.1	0.11	0.39	0.19	70	0.20	0.027	10.4	38.3	0.65	152.7	0.111	1
DFS021	8.9	384	3.15	8.0	0.5	1.4	3.0	19.3	0.15	0.30	0.16	66	0.18	0.034	8.9	31.1	0.59	133.2	0.126	<1
DFS022	7.3	276	2.62	6.9	0.4	1.1	2.6	18.3	0.12	0.28	0.14	60	0.17	0.027	8.3	30.6	0.48	118.6	0.111	1
DFS023	7.6	625	3.21	5.8	0.4	1.0	2.0	47.2	0.04	0.12	0.12	66	0.31	0.058	9.8	20.3	0.85	148.4	0.136	<1
DFS024	15.8	635	3.61	5.2	0.6	1.3	4.1	22.9	0.29	0.30	0.17	75	0.26	0.095	13.9	31.4	0.74	159.5	0.150	1
DFS025	11.6	361	3.04	9.0	0.6	1.3	3.5	33.8	0.04	0.35	0.18	63	0.23	0.031	10.2	33.2	0.69	115.1	0.104	<1
DFS026	8.8	485	2.87	4.9	0.5	1.5	1.9	92.5	0.01	0.14	0.05	66	0.47	0.056	8.1	24.2	0.79	81.5	0.109	<1
DFS027	7.1	326	2.31	4.9	0.4	2.0	0.6	52.7	0.02	0.16	0.07	58	0.35	0.055	4.3	20.6	0.50	94.0	0.077	<1
DFS028	7.4	260	2.78	6.0	0.4	1.1	1.6	30.9	0.05	0.28	0.10	73	0.28	0.028	6.5	25.5	0.52	76.5	0.111	<1
DFS029	4.4	138	1.52	2.9	0.2	0.7	0.7	23.2	0.03	0.12	0.06	40	0.18	0.023	3.2	12.7	0.29	56.4	0.065	<1
DFS030	12.3	946	2.43	5.1	0.4	0.4	1.3	29.5	0.11	0.20	0.13	60	0.33	0.065	7.5	27.4	0.46	195.3	0.081	2
DFS031	7.5	244	2.25	6.7	0.3	0.9	1.0	25.7	0.08	0.22	0.07	64	0.32	0.027	4.4	25.8	0.45	91.6	0.079	<1
DFS032	6.3	205	2.04	6.0	0.2	1.1	0.9	29.1	0.04	0.19	0.07	58	0.38	0.036	4.9	22.0	0.44	76.2	0.074	<1
DFS033	5.7	431	1.56	3.3	0.2	1.1	0.8	24.2	0.09	0.14	0.08	44	0.22	0.030	5.6	16.8	0.31	118.8	0.061	<1
DFS034	8.1	405	2.21	5.7	0.5	0.8	1.9	35.8	0.05	0.19	0.11	55	0.42	0.077	7.3	25.7	0.48	168.0	0.069	<1
DFS035	7.4	205	2.34	8.0	0.3	1.5	1.5	34.5	0.03	0.27	0.09	58	0.32	0.016	5.7	28.5	0.45	118.1	0.051	<1
DFS036	11.9	709	2.92	4.7	0.3	1.6	1.7	29.0	0.15	0.27	0.16	75	0.28	0.037	7.2	27.1	0.47	224.2	0.094	<1
DFS037	5.1	122	1.86	3.1	0.2	1.0	0.5	22.4	0.13	0.18	0.06	52	0.18	0.021	3.8	15.2	0.30	81.3	0.076	<1
DFS038	6.3	289	1.79	4.4	0.3	1.0	0.9	21.9	0.03	0.17	0.05	45	0.22	0.035	7.4	17.9	0.35	82.5	0.064	<1
DFS039	8.3	244	2.27	5.0	0.3	3.6	0.7	33.5	0.05	0.23	0.08	56	0.38	0.033	5.6	32.4	0.53	157.2	0.082	<1
MFS001	11.0	426	2.41	9.7	0.4	2.5	1.8	43.4	0.03	0.24	0.09	59	0.66	0.085	7.9	32.3	0.69	96.6	0.084	<1
MFS002	12.0	407	2.69	10.6	0.4	1.2	1.5	37.8	0.06	0.30	0.07	61	0.45	0.028	5.8	31.9	0.74	124.9	0.089	<1
MFS003	5.7	464	2.75	4.4	0.8	0.7	3.8	42.8	0.07	0.20	0.05	69	0.60	0.132	17.0	13.5	0.34	78.9	0.038	<1
MFS004	7.7	936	2.66	5.7	1.8	0.6	9.0	67.0	0.16	0.30	0.10	59	0.44	0.098	36.8	22.1	0.64	132.3	0.063	2
MFS005	9.1	845	2.88	4.3	1.9	1.3	7.7	45.5	0.03	0.19	0.11	60	0.37	0.119	31.6	22.1	0.74	110.1	0.073	1

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B
	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM
	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**
MFS006	8.6	587	3.34	8.6	0.8	1.6	1.6	31.0	0.12	0.62	0.26	74	0.15	0.046	10.1	31.4	0.62	77.9	0.125	1
MFS007	5.6	512	2.25	5.8	0.8	1.6	1.5	37.5	0.08	0.23	0.12	46	0.12	0.025	7.9	21.7	0.45	55.2	0.067	<1
MFS008	6.2	431	2.49	6.8	0.7	0.7	1.0	22.6	0.11	0.38	0.13	57	0.13	0.039	8.8	26.3	0.48	59.7	0.081	2
MFS009	8.5	596	2.57	8.4	1.0	1.7	1.6	39.0	0.16	0.30	0.19	60	0.16	0.046	13.9	27.5	0.48	83.6	0.086	2
MFS010	6.3	500	2.33	6.5	0.8	1.3	2.9	18.7	0.14	0.62	0.13	42	0.13	0.040	17.6	21.8	0.47	67.3	0.070	<1
MFS011	8.0	463	2.36	6.3	0.6	1.7	2.9	49.7	0.04	0.29	0.12	51	0.21	0.040	12.1	24.9	0.48	86.5	0.093	<1
MFS012	6.0	289	2.09	4.0	0.4	0.6	1.9	23.8	0.08	0.17	0.13	58	0.18	0.056	10.4	14.8	0.28	67.5	0.089	1
MFS013	3.8	225	1.42	2.4	0.9	1.2	0.6	24.2	0.08	0.13	0.06	35	0.15	0.047	9.9	13.0	0.25	80.2	0.053	<1
MFS014	5.3	352	1.86	3.9	0.7	6.7	3.5	35.7	0.16	0.24	0.08	43	0.32	0.068	13.8	21.9	0.47	96.8	0.088	<1
MFS015	3.2	258	2.12	7.1	0.5	0.8	2.8	29.5	0.06	0.39	0.08	40	0.21	0.054	9.6	15.4	0.32	76.2	0.062	<1
MFS016	10.5	512	2.77	7.5	0.6	3.6	3.8	19.4	0.14	0.29	0.16	58	0.24	0.070	11.3	32.0	0.54	105.8	0.092	<1
MFS018	7.1	615	2.17	4.3	0.5	4.8	3.7	20.3	0.08	0.19	0.11	43	0.23	0.057	15.9	22.0	0.47	115.5	0.066	<1
MFS019	8.5	500	2.37	5.1	0.5	7.5	2.8	12.7	0.14	0.26	0.19	47	0.15	0.046	9.9	24.1	0.45	62.2	0.060	1
MFS020	10.0	895	2.44	4.9	0.5	2.6	3.9	10.9	0.05	0.19	0.09	41	0.16	0.075	12.8	20.4	0.49	55.1	0.069	1
MFS021	5.1	269	2.23	4.1	0.5	2.4	2.4	17.3	0.09	0.24	0.16	60	0.16	0.033	9.9	22.0	0.38	71.7	0.087	1
MFS022	9.9	760	2.95	4.7	0.7	1.5	5.7	34.7	0.07	0.24	0.15	62	0.30	0.098	18.3	24.1	0.69	117.6	0.103	1
MFS023	7.1	401	2.77	5.8	0.5	2.0	3.8	28.4	0.04	0.21	0.15	58	0.18	0.039	12.3	23.5	0.50	87.7	0.093	<1
MFS024	9.1	464	4.00	8.6	0.6	1.7	3.6	22.3	0.13	0.35	0.16	75	0.22	0.061	11.0	36.7	0.65	90.2	0.134	2
MFS025	6.9	418	2.74	5.3	0.5	3.4	2.4	32.7	0.09	0.20	0.14	65	0.20	0.047	10.0	21.9	0.48	96.0	0.113	1
MFS026	9.4	322	3.18	8.8	0.5	3.0	3.2	18.6	0.13	0.36	0.17	72	0.19	0.038	11.2	36.9	0.51	111.8	0.127	2
MFS027	6.5	353	2.65	6.3	0.6	1.6	3.2	21.0	0.05	0.25	0.15	63	0.21	0.031	11.4	29.3	0.52	100.1	0.106	1
MFS028	9.5	668	2.99	5.5	0.8	17.7	5.2	42.2	0.12	0.20	0.19	65	0.35	0.105	16.6	28.7	0.68	99.0	0.124	2
MFS029	6.7	335	3.22	7.8	0.5	0.4	2.6	17.1	0.18	0.33	0.27	85	0.18	0.045	9.9	31.7	0.48	105.0	0.127	1
MFS030	11.0	445	3.59	10.5	0.6	1.2	3.7	24.6	0.08	0.35	0.19	82	0.21	0.048	12.2	38.0	0.66	179.3	0.142	2
MFS031	6.3	343	2.60	5.8	0.5	<0.2	3.4	20.5	0.02	0.26	0.16	69	0.23	0.040	12.6	31.0	0.52	147.5	0.137	<1
MFS032	4.7	289	2.71	6.2	0.3	1.6	2.2	13.4	0.11	0.34	0.20	78	0.10	0.030	8.1	19.8	0.21	73.9	0.110	<1
MFS033	5.0	599	1.54	2.5	0.5	1.3	1.9	28.4	0.16	0.18	0.18	45	0.25	0.016	11.7	18.5	0.32	113.5	0.105	<1
MFS034	10.0	415	3.45	9.5	0.6	3.3	2.3	28.6	0.10	0.36	0.13	81	0.24	0.068	9.1	31.9	0.63	148.4	0.144	<1
MFS035	10.7	499	2.37	7.3	0.5	8.3	1.3	41.5	0.16	0.24	0.06	59	0.56	0.097	8.6	29.9	0.63	111.6	0.095	2
MFS036	13.1	397	2.56	6.2	0.2	2.2	0.9	46.6	0.08	0.12	0.05	73	0.56	0.041	4.0	23.6	0.90	103.2	0.185	<1
MFS037	10.8	458	2.06	6.1	0.4	2.5	0.9	43.0	0.04	0.11	0.06	55	0.60	0.048	7.1	23.4	0.58	117.1	0.098	<1
MFS038	8.0	266	2.53	7.6	0.4	1.9	1.6	28.8	0.04	0.18	0.13	69	0.38	0.058	8.6	30.1	0.53	150.1	0.098	<1
MFS039	8.5	348	2.45	7.5	0.3	1.9	1.2	29.2	0.09	0.21	0.08	75	0.41	0.047	5.4	24.2	0.49	78.0	0.095	1
MFS040	10.7	337	2.41	7.8	0.3	0.8	1.2	32.8	0.07	0.22	0.07	72	0.43	0.062	4.7	32.6	0.53	84.6	0.085	2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1
Sample	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**
AFS001	2.30	0.010	0.16	0.1	4.3	0.12	0.02	32	0.3	0.06	8.0	1.68	<0.1	0.06	0.87	17.2	2.0	<0.05	2.1
AFS002	1.08	0.027	0.05	<0.1	4.0	0.06	0.10	102	0.3	0.03	3.5	0.47	<0.1	<0.02	0.46	4.9	0.7	<0.05	1.2
AFS005	1.74	0.013	0.11	0.1	3.5	0.10	<0.02	11	0.2	0.07	7.2	1.26	<0.1	0.03	0.85	18.0	3.4	<0.05	1.6
AFS008	1.58	0.018	0.13	0.2	3.5	0.11	<0.02	26	0.1	0.06	7.3	1.10	<0.1	0.04	0.88	16.3	1.6	<0.05	2.3
AFS009	1.34	0.010	0.06	<0.1	2.9	0.11	<0.02	10	0.3	<0.02	7.2	1.07	<0.1	0.03	0.94	13.3	1.5	<0.05	1.2
AFS010	1.19	0.015	0.09	0.1	2.3	0.10	<0.02	27	0.1	0.09	7.5	0.97	<0.1	0.03	1.05	17.1	0.9	<0.05	1.5
AFS011	2.27	0.010	0.08	<0.1	3.9	0.15	<0.02	31	0.1	0.04	9.7	1.61	<0.1	0.07	1.39	22.9	1.3	<0.05	2.8
AFS012	2.10	0.011	0.13	0.1	3.4	0.13	<0.02	13	<0.1	0.09	7.8	1.12	<0.1	0.05	0.78	20.1	1.1	<0.05	1.7
AFS013	2.29	0.011	0.12	0.2	3.9	0.12	<0.02	20	0.5	0.08	8.3	1.48	<0.1	0.05	1.21	20.0	1.6	<0.05	2.4
AFS014	2.84	0.012	0.11	0.1	5.3	0.14	<0.02	21	0.2	0.06	8.9	1.58	<0.1	0.08	1.28	18.0	1.2	<0.05	4.8
AFS015	3.74	0.004	0.29	0.1	9.8	0.28	<0.02	29	0.5	0.15	10.7	2.68	<0.1	0.04	0.90	34.0	2.1	<0.05	3.4
AFS016	2.24	0.011	0.17	<0.1	5.2	0.15	0.02	36	0.4	0.03	8.5	1.45	<0.1	0.03	1.17	32.1	3.3	<0.05	2.2
AFS017	1.77	0.013	0.12	<0.1	4.2	0.14	0.03	23	0.3	<0.02	8.7	1.18	<0.1	0.02	1.30	24.4	1.4	<0.05	1.1
AFS018	1.46	0.014	0.18	0.1	3.3	0.15	<0.02	12	<0.1	0.07	7.7	1.43	<0.1	<0.02	0.98	28.7	4.5	<0.05	1.1
AFS019	1.72	0.011	0.06	<0.1	3.0	0.11	<0.02	19	0.2	<0.02	6.6	1.14	<0.1	0.02	1.04	15.0	2.7	<0.05	1.5
AFS020	2.58	0.009	0.14	0.1	5.3	0.15	<0.02	14	0.3	0.08	7.5	2.09	<0.1	0.04	0.87	23.4	1.5	<0.05	2.5
AFS022	2.17	0.010	0.08	<0.1	3.9	0.14	<0.02	19	0.3	0.06	9.4	1.50	<0.1	0.08	1.30	17.6	1.5	<0.05	3.1
AFS023	2.00	0.009	0.09	<0.1	3.6	0.13	<0.02	23	0.2	0.08	8.4	1.38	<0.1	0.03	0.97	16.4	2.0	<0.05	1.4
AFS024	1.86	0.011	0.07	<0.1	4.0	0.13	<0.02	10	<0.1	0.16	9.5	1.01	<0.1	0.02	0.84	15.9	2.4	<0.05	1.9
AFS025	1.74	0.010	0.06	<0.1	3.7	0.12	<0.02	<5	0.1	0.09	9.4	0.94	<0.1	0.05	0.88	15.1	2.3	<0.05	1.8
AFS027	0.49	0.022	0.03	<0.1	0.6	0.04	0.04	30	0.3	0.05	1.8	0.43	<0.1	<0.02	0.23	5.9	0.8	<0.05	0.1
AFS028	2.18	0.012	0.09	<0.1	4.6	0.14	<0.02	10	0.3	0.06	8.1	1.28	<0.1	0.09	0.85	16.9	1.3	<0.05	2.7
AFS029	2.82	0.009	0.10	<0.1	5.6	0.15	<0.02	34	0.5	0.08	8.5	1.48	<0.1	0.12	0.60	13.5	1.8	<0.05	4.5
AFS030	1.67	0.020	0.07	<0.1	2.8	0.10	<0.02	17	<0.1	<0.02	6.2	0.88	<0.1	0.03	0.55	14.9	2.3	<0.05	1.1
AFS031	1.67	0.015	0.08	0.1	2.8	0.09	<0.02	20	0.2	0.06	5.8	0.88	<0.1	0.03	0.76	12.7	2.4	<0.05	1.6
AFS032	1.96	0.010	0.06	<0.1	3.0	0.09	<0.02	7	0.1	0.09	6.8	1.02	<0.1	<0.02	0.75	11.8	2.8	<0.05	0.5
AFS033	2.52	0.010	0.09	<0.1	4.8	0.14	<0.02	37	0.3	<0.02	7.9	1.16	<0.1	0.03	0.88	13.5	3.0	<0.05	1.4
AFS034	1.51	0.012	0.05	<0.1	2.9	0.11	<0.02	11	<0.1	0.06	6.2	0.80	0.1	0.03	0.66	10.5	1.4	<0.05	1.1
AFS035	1.20	0.022	0.25	<0.1	5.4	0.12	0.03	20	0.1	0.08	4.4	1.56	<0.1	0.07	0.62	19.9	0.6	<0.05	2.1
AFS036	1.14	0.018	0.08	<0.1	4.6	0.05	<0.02	20	<0.1	0.03	3.6	0.74	0.1	<0.02	0.36	7.8	0.6	<0.05	1.5
AFS037	0.66	0.022	0.06	<0.1	1.8	0.04	<0.02	29	<0.1	<0.02	2.5	0.56	<0.1	<0.02	0.37	6.7	0.3	<0.05	0.6
AFS038	1.53	0.015	0.16	<0.1	7.6	0.08	<0.02	60	<0.1	0.03	5.5	0.88	<0.1	0.07	0.49	10.3	3.7	<0.05	2.6
AFS040	1.08	0.017	0.11	0.1	5.4	0.06	<0.02	51	<0.1	<0.02	3.6	0.88	<0.1	0.05	0.51	8.4	0.6	<0.05	2.3
AFS041	1.29	0.013	0.11	0.1	3.8	0.07	<0.02	42	<0.1	<0.02	4.4	1.31	<0.1	0.03	0.64	15.9	1.6	<0.05	1.7
AFS042	1.02	0.029	0.08	<0.1	3.4	0.06	<0.02	15	<0.1	0.03	3.7	0.76	<0.1	0.03	0.58	8.7	1.4	<0.05	1.0
AFS043	0.14	0.047	0.06	<0.1	0.4	<0.02	<0.02	9	<0.1	<0.02	0.8	0.04	<0.1	<0.02	0.10	1.9	<0.1	<0.05	0.2
AFS045	1.33	0.026	0.15	0.1	3.5	0.08	0.03	60	<0.1	0.15	5.3	0.42	<0.1	<0.02	0.48	13.5	1.4	<0.05	0.4
AFS046	1.37	0.013	0.10	<0.1	6.0	0.10	<0.02	56	<0.1	0.03	4.2	1.08	0.1	0.07	0.67	11.3	1.0	<0.05	3.4
AFS047	0.94	0.021	0.09	0.1	3.7	0.07	<0.02	20	<0.1	<0.02	3.2	0.72	<0.1	0.05	0.49	7.9	1.3	<0.05	1.8
AFS048	0.97	0.018	0.11	0.1	5.2	0.09	<0.02	47	<0.1	0.02	3.6	1.09	<0.1	0.08	0.32	8.1	5.2	<0.05	3.5
AFS052	1.33	0.022	0.29	0.1	6.7	0.11	<0.02	32	<0.1	0.04	4.3	0.90	0.1	0.06	0.61	18.3	0.8	<0.05	3.0
DFS001	2.86	0.003	0.13	0.1	4.5	0.12	<0.02	46	0.2	0.03	8.3	1.51	<0.1	0.04	1.39	14.6	1.4	<0.05	2.2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1
Sample	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**
DFS002	2.54	0.007	0.14	0.2	5.2	0.13	<0.02	29	<0.1	0.03	6.3	1.43	<0.1	0.06	0.95	16.8	2.3	<0.05	3.0
DFS003	0.43	0.043	0.04	<0.1	0.9	<0.02	<0.02	21	<0.1	<0.02	1.6	0.22	<0.1	<0.02	0.25	3.3	0.3	<0.05	0.3
DFS004	1.32	0.028	0.06	<0.1	3.6	0.07	0.03	55	<0.1	<0.02	3.9	0.84	<0.1	<0.02	0.42	5.6	1.0	<0.05	0.6
DFS005	0.30	0.032	0.02	<0.1	1.1	0.02	0.04	31	<0.1	0.07	1.8	0.23	<0.1	<0.02	0.14	1.8	0.6	<0.05	0.3
DFS006	2.23	0.023	0.10	<0.1	4.8	0.13	0.04	63	0.1	0.05	5.9	1.37	<0.1	<0.02	0.67	12.7	1.6	<0.05	0.7
DFS007	1.62	0.015	0.07	<0.1	4.0	0.09	0.04	55	<0.1	0.08	4.9	1.13	<0.1	<0.02	0.69	11.0	1.9	<0.05	0.9
DFS008	1.36	0.016	0.06	0.1	4.4	0.09	<0.02	62	<0.1	<0.02	4.3	0.92	<0.1	0.05	0.73	7.9	1.5	<0.05	2.1
DFS009	0.83	0.025	0.06	<0.1	2.0	0.05	<0.02	21	<0.1	<0.02	3.3	0.53	<0.1	<0.02	0.57	8.3	2.4	<0.05	0.7
DFS010	2.06	0.014	0.13	0.1	5.0	0.11	0.03	42	<0.1	0.03	6.6	1.32	<0.1	0.04	0.90	17.7	4.3	<0.05	1.3
DFS011	0.32	0.029	0.03	<0.1	0.5	0.02	<0.02	13	<0.1	<0.02	1.4	0.15	<0.1	<0.02	0.11	2.0	0.2	<0.05	0.2
DFS012	1.87	0.007	0.09	0.1	3.5	0.10	<0.02	23	<0.1	0.05	6.4	1.14	<0.1	0.03	0.90	16.0	1.7	<0.05	2.0
DFS013	2.96	0.002	0.09	0.2	5.0	0.13	<0.02	37	<0.1	0.05	8.4	1.23	<0.1	0.03	0.96	14.1	1.8	<0.05	2.0
DFS014	2.71	0.003	0.10	0.1	4.8	0.12	<0.02	27	0.2	0.08	6.5	1.35	<0.1	0.06	1.31	14.6	3.1	<0.05	3.3
DFS015	1.93	0.002	0.15	0.1	4.7	0.15	<0.02	23	<0.1	0.05	8.6	1.50	<0.1	0.06	1.02	19.6	2.4	<0.05	3.4
DFS016	3.04	<0.001	0.20	<0.1	4.9	0.17	<0.02	27	<0.1	0.02	7.8	1.58	<0.1	0.06	1.01	22.0	1.7	<0.05	2.6
DFS017	2.75	0.002	0.12	0.2	5.6	0.13	<0.02	41	0.2	0.09	6.8	1.54	<0.1	0.09	1.16	15.9	1.5	<0.05	4.8
DFS018	1.57	0.010	0.08	0.1	3.0	0.13	<0.02	38	0.1	0.02	6.7	1.29	<0.1	0.02	0.97	20.6	0.8	<0.05	1.1
DFS019	2.34	<0.001	0.09	0.1	3.6	0.10	<0.02	20	<0.1	0.09	9.1	1.29	0.1	0.05	1.09	14.9	1.6	<0.05	2.5
DFS020	2.84	0.007	0.10	0.1	5.0	0.13	<0.02	17	0.6	0.10	8.1	1.45	<0.1	0.08	1.20	14.9	1.5	<0.05	3.4
DFS021	2.26	0.008	0.12	0.2	4.6	0.13	<0.02	40	<0.1	<0.02	7.3	1.58	<0.1	0.10	1.57	18.7	0.8	<0.05	4.1
DFS022	1.88	0.012	0.09	0.2	3.6	0.10	<0.02	25	<0.1	<0.02	6.1	1.25	<0.1	0.08	1.23	15.8	0.8	<0.05	3.4
DFS023	2.08	0.008	0.20	<0.1	5.2	0.15	<0.02	<5	<0.1	<0.02	9.1	1.39	<0.1	0.05	0.81	24.3	1.5	<0.05	1.6
DFS024	3.01	0.010	0.13	0.1	5.0	0.18	<0.02	48	0.2	0.03	9.7	1.99	<0.1	0.07	1.42	27.5	1.7	<0.05	3.3
DFS025	2.55	0.010	0.14	0.1	4.9	0.14	<0.02	14	0.2	0.15	7.3	1.69	<0.1	0.07	1.04	18.2	1.1	<0.05	2.8
DFS026	2.08	0.021	0.09	<0.1	3.5	0.10	<0.02	13	<0.1	0.07	7.0	0.63	<0.1	<0.02	0.55	11.2	2.4	<0.05	1.1
DFS027	1.52	0.010	0.12	0.1	3.0	0.06	<0.02	11	<0.1	<0.02	6.2	0.51	<0.1	<0.02	0.48	25.1	0.9	<0.05	0.8
DFS028	1.88	0.012	0.05	<0.1	3.4	0.09	<0.02	15	0.2	<0.02	7.4	1.19	<0.1	0.05	0.91	11.2	1.3	<0.05	2.3
DFS029	0.98	0.022	0.04	<0.1	1.8	0.05	<0.02	6	<0.1	<0.02	4.2	0.55	<0.1	0.03	0.45	5.4	1.1	<0.05	1.3
DFS030	1.68	0.014	0.08	0.1	3.2	0.08	<0.02	9	<0.1	0.04	5.5	1.02	<0.1	0.04	0.84	14.5	1.2	<0.05	1.3
DFS031	1.32	0.013	0.06	<0.1	3.0	0.05	<0.02	<5	<0.1	0.02	4.7	0.58	<0.1	0.05	0.47	8.6	2.7	<0.05	1.9
DFS032	1.21	0.016	0.06	<0.1	2.8	0.05	<0.02	5	0.2	<0.02	4.3	0.53	<0.1	0.02	0.45	11.1	0.8	<0.05	1.5
DFS033	1.03	0.019	0.04	<0.1	2.1	0.06	<0.02	<5	<0.1	0.02	4.3	0.54	<0.1	0.02	0.66	7.1	0.7	<0.05	0.9
DFS034	1.44	0.016	0.09	<0.1	3.4	0.08	<0.02	11	<0.1	<0.02	4.6	0.64	<0.1	0.05	0.55	9.5	1.0	<0.05	2.2
DFS035	1.36	0.016	0.05	<0.1	3.9	0.08	<0.02	24	0.3	0.02	4.0	0.62	<0.1	0.05	0.46	6.7	2.8	<0.05	2.1
DFS036	1.90	0.011	0.06	<0.1	3.3	0.12	<0.02	9	0.2	<0.02	7.0	1.06	<0.1	0.03	0.87	11.6	0.8	<0.05	2.1
DFS037	1.08	0.017	0.03	0.1	1.6	0.06	<0.02	13	<0.1	<0.02	4.3	0.51	<0.1	0.02	0.60	5.6	2.2	<0.05	0.8
DFS038	1.04	0.018	0.06	0.1	2.9	0.05	<0.02	21	0.2	<0.02	3.2	0.44	<0.1	<0.02	0.44	4.5	2.6	<0.05	0.7
DFS039	1.44	0.017	0.07	0.1	3.3	0.07	<0.02	<5	<0.1	<0.02	4.5	0.71	<0.1	0.04	0.56	10.2	3.2	<0.05	0.7
MFS001	1.19	0.024	0.11	0.1	4.4	0.08	<0.02	17	0.3	<0.02	3.5	1.26	<0.1	0.06	0.23	8.6	0.9	<0.05	2.2
MFS002	1.58	0.018	0.11	<0.1	4.2	0.09	<0.02	28	0.2	0.03	4.0	1.18	<0.1	0.04	0.42	10.4	1.4	<0.05	1.9
MFS003	0.68	0.013	0.11	0.2	2.6	0.06	<0.02	12	<0.1	0.03	3.2	0.55	<0.1	0.06	0.16	7.3	2.0	<0.05	3.2
MFS004	1.96	0.010	0.16	<0.1	5.4	0.20	<0.02	6	0.2	<0.02	7.4	3.24	<0.1	0.03	0.39	26.6	1.5	<0.05	0.8
MFS005	2.37	0.007	0.18	0.1	5.3	0.22	<0.02	15	<0.1	<0.02	7.8	1.68	<0.1	0.02	0.63	30.9	1.5	<0.05	0.9

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1
Sample	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**
MFS006	1.80	0.008	0.11	4.7	4.0	0.15	0.05	64	1.1	0.16	8.1	1.88	<0.1	0.03	1.25	24.6	2.2	<0.05	1.0
MFS007	1.48	0.009	0.09	0.8	2.8	0.09	0.02	21	0.1	0.06	6.3	1.75	<0.1	<0.02	0.73	12.0	3.8	<0.05	0.6
MFS008	1.49	0.010	0.09	0.1	2.5	0.09	0.03	49	0.4	0.03	6.7	1.68	<0.1	<0.02	0.93	14.1	3.5	<0.05	0.6
MFS009	1.63	0.008	0.11	0.3	3.6	0.13	0.03	29	0.1	0.09	6.9	1.51	<0.1	0.04	0.93	15.3	1.9	<0.05	0.9
MFS010	1.77	0.009	0.10	0.2	3.5	0.10	0.02	41	0.1	0.05	5.0	5.23	<0.1	0.03	1.06	14.9	1.6	<0.05	1.1
MFS011	1.45	0.009	0.10	0.2	3.6	0.12	<0.02	27	0.2	<0.02	5.3	1.43	<0.1	0.03	1.12	13.3	4.6	<0.05	1.4
MFS012	1.11	0.016	0.06	0.1	2.2	0.05	<0.02	10	0.2	0.05	5.0	0.78	<0.1	0.02	0.61	8.7	1.5	<0.05	1.9
MFS013	0.91	0.022	0.06	0.1	1.8	0.06	0.03	33	0.2	0.07	3.7	0.68	<0.1	<0.02	0.49	8.7	1.2	<0.05	0.8
MFS014	1.12	0.011	0.10	0.1	3.4	0.09	<0.02	9	<0.1	0.08	3.7	1.00	<0.1	0.05	0.59	11.6	1.1	<0.05	2.9
MFS015	1.06	0.008	0.09	<0.1	2.3	0.09	<0.02	<5	0.3	0.04	3.9	1.22	<0.1	0.03	0.64	10.8	0.8	<0.05	1.2
MFS016	2.14	0.009	0.08	0.2	4.3	0.13	<0.02	22	0.4	<0.02	6.1	1.22	<0.1	0.07	1.07	11.5	8.5	<0.05	3.5
MFS018	1.65	0.008	0.09	0.1	3.8	0.10	<0.02	11	0.2	0.07	4.7	2.30	<0.1	0.03	0.70	13.2	1.9	<0.05	1.5
MFS019	2.03	0.008	0.09	0.2	3.7	0.08	<0.02	29	0.2	0.05	4.7	2.19	<0.1	0.03	0.93	10.6	1.0	<0.05	1.4
MFS020	1.97	0.008	0.17	<0.1	4.8	0.16	<0.02	35	0.1	<0.02	5.3	1.70	<0.1	0.02	1.22	22.9	5.8	<0.05	1.4
MFS021	1.43	0.008	0.05	<0.1	3.2	0.11	<0.02	13	0.2	<0.02	7.5	1.11	<0.1	0.05	1.17	7.9	1.2	<0.05	1.7
MFS022	1.90	0.010	0.20	<0.1	4.7	0.19	<0.02	11	<0.1	0.06	7.5	1.91	0.1	0.04	0.77	26.5	2.6	<0.05	1.9
MFS023	1.89	0.009	0.12	0.1	4.5	0.11	<0.02	16	0.2	0.03	7.1	1.23	0.1	0.05	1.10	14.8	1.1	<0.05	1.8
MFS024	3.10	0.007	0.12	0.2	5.7	0.15	0.02	40	0.5	0.04	8.9	1.80	<0.1	0.05	2.04	18.0	2.1	<0.05	3.0
MFS025	1.44	0.014	0.13	<0.1	3.7	0.13	<0.02	6	0.1	<0.02	7.0	1.78	<0.1	0.03	0.93	34.0	1.9	<0.05	1.6
MFS026	2.85	0.010	0.10	0.2	4.6	0.11	<0.02	54	0.2	0.02	7.1	1.84	<0.1	0.08	1.73	15.5	1.2	<0.05	3.8
MFS027	1.63	0.010	0.09	0.2	3.8	0.09	<0.02	13	0.2	<0.02	6.6	2.05	<0.1	0.05	1.01	15.8	1.1	<0.05	2.4
MFS028	2.07	0.010	0.18	0.5	5.3	0.15	<0.02	24	0.2	0.09	7.4	5.59	<0.1	0.05	0.93	23.0	2.2	<0.05	2.8
MFS029	1.97	0.009	0.10	0.2	4.4	0.13	<0.02	19	<0.1	0.10	9.8	2.44	<0.1	0.05	1.25	17.0	2.0	<0.05	1.7
MFS030	2.96	0.010	0.13	0.2	5.0	0.14	<0.02	31	0.2	0.02	8.8	2.37	<0.1	0.07	1.28	26.4	1.9	<0.05	3.3
MFS031	1.71	0.014	0.09	0.2	3.8	0.12	<0.02	<5	<0.1	0.05	6.2	1.23	<0.1	0.07	1.25	21.8	1.2	<0.05	3.6
MFS032	1.33	0.007	0.04	0.1	2.5	0.09	<0.02	10	0.1	0.02	9.3	0.93	<0.1	0.07	1.53	9.6	1.8	<0.05	3.1
MFS033	0.95	0.011	0.08	<0.1	2.4	0.09	<0.02	9	<0.1	0.02	5.5	0.82	<0.1	0.04	1.41	27.6	0.9	<0.05	1.8
MFS034	2.74	0.011	0.10	0.2	4.9	0.14	<0.02	46	0.3	0.07	9.2	1.70	<0.1	0.07	1.42	13.6	2.6	<0.05	3.1
MFS035	1.33	0.019	0.13	<0.1	4.8	0.08	<0.02	41	<0.1	<0.02	4.0	1.16	<0.1	<0.02	0.52	14.7	1.2	<0.05	1.2
MFS036	1.61	0.015	0.14	<0.1	3.2	0.05	<0.02	8	0.1	<0.02	4.2	1.06	<0.1	0.07	0.51	10.6	1.5	<0.05	2.7
MFS037	1.23	0.020	0.11	<0.1	3.4	0.06	<0.02	24	0.2	0.02	3.8	0.97	<0.1	0.03	0.60	11.0	0.9	<0.05	1.5
MFS038	1.70	0.013	0.08	0.1	4.0	0.09	<0.02	15	<0.1	0.05	5.3	0.97	<0.1	0.06	0.91	12.0	1.4	<0.05	1.6
MFS039	1.49	0.011	0.05	0.1	3.5	0.05	<0.02	19	0.2	<0.02	4.8	0.70	<0.1	0.05	0.61	8.4	1.0	<0.05	2.3
MFS040	1.45	0.013	0.06	0.1	3.7	0.06	<0.02	16	<0.1	<0.02	4.9	0.89	<0.1	0.04	0.48	10.8	3.6	<0.05	2.3

	AQ251 Y PPM	AQ251 Ce PPM	AQ251 In PPM	AQ251 Re PPB	AQ251 Be PPM	AQ251 Li PPM	AQ251 Pd PPB	AQ251 Pt PPB
	0.01	0.1	0.02	1	0.1	0.1	10	2
Sample	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
AFS001	4.10	24.7	0.03	<1	0.3	16.0	<10	<2
AFS002	24.96	62.1	<0.02	<1	0.6	3.2	<10	<2
AFS005	3.34	17.1	<0.02	1	0.4	11.4	<10	<2
AFS008	3.45	18.9	<0.02	<1	0.3	14.1	<10	<2
AFS009	2.31	15.2	<0.02	<1	0.1	9.2	<10	<2
AFS010	2.27	14.9	<0.02	<1	0.3	9.0	<10	<2
AFS011	3.35	19.6	0.02	<1	0.3	19.0	<10	<2
AFS012	2.62	16.9	<0.02	1	0.3	16.5	<10	<2
AFS013	2.46	14.6	0.03	<1	0.2	15.5	<10	<2
AFS014	3.53	20.8	<0.02	<1	0.4	18.9	<10	<2
AFS015	9.55	30.7	<0.02	<1	0.7	21.9	<10	<2
AFS016	4.00	21.8	0.03	<1	0.5	21.6	<10	<2
AFS017	2.76	20.1	<0.02	<1	0.2	17.8	<10	<2
AFS018	3.63	22.9	0.02	<1	0.2	10.3	<10	<2
AFS019	2.97	17.9	<0.02	1	0.3	11.7	<10	<2
AFS020	3.84	19.8	0.03	<1	0.4	16.6	<10	<2
AFS022	3.09	18.0	0.03	<1	0.6	20.2	<10	<2
AFS023	2.99	17.9	<0.02	<1	0.2	17.5	<10	4
AFS024	3.22	17.9	0.03	1	0.3	15.2	<10	<2
AFS025	3.06	16.5	<0.02	<1	0.3	13.8	<10	<2
AFS027	6.05	19.7	<0.02	<1	0.3	1.5	<10	<2
AFS028	3.32	18.3	0.03	<1	0.4	16.2	<10	<2
AFS029	3.53	20.1	0.02	1	0.6	15.8	<10	<2
AFS030	2.60	15.3	<0.02	<1	0.3	9.1	<10	<2
AFS031	2.23	11.3	<0.02	<1	0.2	10.1	<10	<2
AFS032	4.36	11.4	<0.02	<1	0.5	9.4	<10	<2
AFS033	2.56	15.4	<0.02	<1	0.6	15.4	<10	<2
AFS034	2.66	14.2	<0.02	<1	0.4	11.1	<10	<2
AFS035	4.00	19.4	0.02	<1	0.4	9.8	<10	<2
AFS036	4.42	15.5	0.03	1	0.2	5.1	<10	<2
AFS037	2.20	9.8	<0.02	<1	0.1	3.4	<10	<2
AFS038	9.70	32.3	<0.02	<1	0.5	10.7	<10	4
AFS040	7.28	17.4	<0.02	<1	0.2	5.3	<10	<2
AFS041	3.55	14.4	<0.02	<1	0.3	7.3	<10	2
AFS042	4.97	23.3	0.02	<1	<0.1	6.8	<10	<2
AFS043	0.84	5.6	<0.02	<1	<0.1	0.4	<10	<2
AFS045	6.99	40.0	<0.02	<1	0.5	9.6	<10	<2
AFS046	6.65	20.7	<0.02	1	0.3	6.5	<10	2
AFS047	3.73	13.8	<0.02	<1	0.2	4.5	<10	<2
AFS048	7.73	22.4	<0.02	1	0.5	5.1	<10	4
AFS052	5.82	28.6	<0.02	<1	0.3	7.7	<10	<2
DFS001	3.28	21.2	0.03	<1	0.4	19.5	<10	<2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Y	Ce	In	Re	Be	Li	Pd	Pt
	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB
	0.01	0.1	0.02	1	0.1	0.1	10	2
Sample	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
DFS002	4.41	30.1	0.04	<1	0.5	16.1	<10	<2
DFS003	4.36	14.3	<0.02	<1	0.2	1.6	<10	<2
DFS004	4.19	15.4	<0.02	<1	0.2	4.2	<10	<2
DFS005	2.33	8.1	<0.02	<1	<0.1	0.6	<10	<2
DFS006	3.98	16.1	0.02	<1	0.3	9.2	<10	<2
DFS007	5.53	19.1	<0.02	<1	<0.1	8.9	<10	<2
DFS008	7.40	26.1	<0.02	<1	0.3	9.3	<10	<2
DFS009	3.76	14.5	<0.02	<1	0.1	5.4	<10	<2
DFS010	7.89	28.8	0.02	<1	0.8	10.7	<10	<2
DFS011	2.11	8.3	<0.02	<1	0.1	1.1	<10	<2
DFS012	3.33	22.7	0.02	<1	0.3	15.7	<10	<2
DFS013	4.47	32.4	0.04	<1	0.8	19.3	<10	<2
DFS014	4.88	33.4	0.02	<1	0.5	18.4	<10	<2
DFS015	4.92	35.3	<0.02	<1	0.5	20.8	<10	<2
DFS016	4.74	34.4	<0.02	<1	0.4	26.4	<10	<2
DFS017	4.93	32.6	0.03	<1	0.6	16.8	<10	<2
DFS018	4.12	20.8	0.04	<1	0.6	12.8	<10	<2
DFS019	2.71	20.6	0.04	<1	0.3	17.4	<10	<2
DFS020	4.07	25.3	0.05	<1	0.8	19.7	<10	<2
DFS021	3.30	22.8	0.05	<1	0.4	18.4	<10	<2
DFS022	2.82	18.5	0.02	<1	0.4	15.6	<10	<2
DFS023	4.68	27.2	<0.02	<1	0.2	28.6	<10	2
DFS024	4.92	33.2	0.02	<1	0.4	27.0	<10	<2
DFS025	3.63	23.3	<0.02	<1	0.4	20.4	<10	<2
DFS026	2.62	15.3	<0.02	<1	0.5	14.2	<10	<2
DFS027	2.14	8.4	<0.02	<1	<0.1	9.9	<10	<2
DFS028	2.34	12.3	0.03	<1	<0.1	12.8	<10	<2
DFS029	1.14	6.1	<0.02	2	<0.1	6.7	<10	<2
DFS030	2.88	16.0	<0.02	<1	0.2	9.2	<10	<2
DFS031	2.14	9.0	<0.02	<1	<0.1	7.4	<10	<2
DFS032	2.24	10.7	<0.02	<1	0.2	6.9	<10	<2
DFS033	1.99	11.2	<0.02	<1	0.1	6.6	<10	<2
DFS034	3.13	14.5	<0.02	<1	0.4	8.7	<10	3
DFS035	2.43	12.2	0.03	<1	0.3	6.8	<10	<2
DFS036	2.70	15.7	<0.02	<1	0.4	10.6	<10	<2
DFS037	1.47	7.3	0.02	<1	<0.1	6.0	<10	<2
DFS038	2.92	19.8	<0.02	<1	<0.1	4.3	<10	6
DFS039	2.36	11.2	<0.02	<1	0.3	7.1	<10	4
MFS001	4.89	16.7	<0.02	2	0.4	5.6	<10	<2
MFS002	2.94	12.7	<0.02	<1	0.2	11.4	<10	2
MFS003	6.92	32.3	<0.02	1	<0.1	5.1	<10	<2
MFS004	11.28	73.5	0.03	<1	0.6	21.9	<10	<2
MFS005	6.26	65.6	<0.02	<1	0.5	25.6	<10	<2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Y	Ce	In	Re	Be	Li	Pd	Pt
	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB
	0.01	0.1	0.02	1	0.1	0.1	10	2
Sample	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
MFS006	3.56	27.5	<0.02	<1	0.2	18.6	<10	<2
MFS007	6.71	32.7	<0.02	<1	0.1	11.2	<10	<2
MFS008	3.28	22.7	<0.02	<1	0.3	15.9	<10	<2
MFS009	6.96	32.7	<0.02	1	0.3	13.0	<10	<2
MFS010	10.87	35.5	<0.02	1	0.6	20.4	<10	<2
MFS011	5.21	28.7	<0.02	<1	0.4	14.8	<10	3
MFS012	4.50	18.8	0.03	<1	0.2	7.6	<10	<2
MFS013	5.37	18.3	<0.02	<1	0.4	6.5	<10	3
MFS014	6.72	27.1	0.03	<1	0.4	12.3	<10	<2
MFS015	4.77	18.2	<0.02	2	0.1	9.9	<10	<2
MFS016	4.90	24.1	0.04	<1	0.6	15.8	<10	3
MFS018	7.42	37.1	<0.02	<1	0.5	11.9	<10	<2
MFS019	4.08	24.7	<0.02	<1	0.2	14.0	<10	<2
MFS020	8.92	44.7	<0.02	<1	0.3	19.8	<10	<2
MFS021	3.72	20.9	0.02	<1	0.2	11.3	<10	<2
MFS022	6.19	51.9	0.04	1	0.5	18.4	<10	<2
MFS023	5.59	35.8	<0.02	<1	0.4	15.5	<10	<2
MFS024	4.88	31.4	0.03	<1	0.6	25.4	<10	<2
MFS025	4.00	23.3	0.02	<1	0.4	12.4	<10	<2
MFS026	3.83	25.4	0.02	<1	0.4	18.6	<10	<2
MFS027	5.08	23.4	0.02	1	0.2	15.4	<10	<2
MFS028	7.36	38.7	0.03	<1	0.6	18.4	<10	<2
MFS029	3.47	23.3	0.03	3	0.2	13.6	<10	<2
MFS030	4.25	28.4	0.04	<1	0.6	23.8	<10	<2
MFS031	4.27	22.9	0.03	4	0.5	15.6	<10	<2
MFS032	2.18	16.2	<0.02	<1	0.2	7.7	<10	<2
MFS033	4.76	21.6	0.02	<1	0.3	5.9	<10	<2
MFS034	3.93	21.0	<0.02	2	0.6	19.4	<10	<2
MFS035	5.37	18.3	0.03	<1	0.4	6.8	<10	<2
MFS036	2.56	8.6	0.03	<1	0.2	13.1	<10	<2
MFS037	3.85	14.6	<0.02	<1	0.2	5.5	<10	<2
MFS038	4.12	17.9	<0.02	<1	0.4	13.0	<10	<2
MFS039	2.66	10.8	<0.02	<1	0.1	7.5	<10	<2
MFS040	2.37	9.8	<0.02	<1	0.2	7.8	<10	2

Appendix B

Analytical Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Cathro Resources Corp.**
2560 Telford Place
Kamloops BC V1S 0A3 CANADA

Submitted By: Mike Cathro
Receiving Lab: Canada-Whitehorse
Received: August 26, 2015
Report Date: September 14, 2015
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI15000167.1

CLIENT JOB INFORMATION

Project: Florence
Shipment ID:
P.O. Number
Number of Samples: 138

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	138	Dry at 60C			WHI
SS80	138	Dry at 60C sieve 100g to -80 mesh			WHI
FA330-Au	136	Fire assay fusion Au by ICP-ES	30	Completed	VAN
AQ251_EXT	135	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Cathro Resources Corp.
2560 Telford Place
Kamloops BC V1S 0A3
CANADA

CC: Don Coolidge
Adam Travis

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

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Client: **Cathro Resources Corp.**
2560 Telford Place
Kamloops BC V1S 0A3 CANADA

Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
AFS001	Soil		4	0.76	15.23	10.64	69.4	27	15.3	8.3	402	3.20	7.7	0.4	2.2	2.4	72.5	0.14	0.32	0.14	70	0.25
AFS002	Soil		11	1.13	25.30	4.23	19.9	320	8.0	11.3	1182	3.22	3.2	1.8	4.0	0.8	51.6	0.07	0.27	0.10	48	0.45
AFS003	Soil		4	0.26	22.16	2.92	16.8	147	5.8	2.6	136	1.15	1.4	0.8	0.9	0.3	41.9	0.03	0.16	0.05	25	0.47
AFS004	Soil		9	0.82	52.49	6.75	85.5	212	19.1	6.7	554	3.04	5.0	1.7	2.1	2.3	67.0	0.14	0.36	0.19	61	0.62
AFS005	Soil		7	0.98	20.60	10.49	64.6	31	17.1	8.1	441	2.72	7.2	0.4	13.2	1.4	21.2	0.14	0.29	0.17	70	0.22
AFS006	Soil		3	0.22	11.53	1.48	12.9	317	3.7	1.8	63	0.76	0.7	0.3	1.1	0.2	14.0	0.02	0.06	0.03	20	0.10
AFS007	Soil		4	0.26	12.87	1.62	11.3	228	3.9	2.1	103	0.87	1.3	0.3	<0.2	0.3	15.3	<0.01	0.10	0.05	21	0.15
AFS008	Soil		5	0.71	12.66	6.77	58.3	37	12.0	9.6	545	2.89	6.3	0.4	<0.2	2.1	25.0	0.09	0.24	0.19	75	0.26
AFS009	Soil		3	0.85	9.75	7.36	42.9	22	8.6	6.1	451	2.45	4.8	0.3	0.3	1.3	18.5	0.16	0.25	0.16	71	0.17
AFS010	Soil		<2	0.86	11.79	7.50	40.5	63	9.4	6.7	385	2.48	6.5	0.3	<0.2	1.4	15.0	0.12	0.25	0.16	70	0.15
AFS011	Soil		<2	1.07	20.52	9.79	50.2	91	14.4	6.9	292	3.14	8.1	0.5	<0.2	2.2	18.0	0.07	0.40	0.22	83	0.17
AFS012	Soil		6	0.84	19.99	8.85	69.5	162	16.6	7.5	375	2.84	6.1	0.4	1.2	1.8	22.5	0.15	0.36	0.21	67	0.20
AFS013	Soil		5	0.78	19.54	9.79	53.5	42	17.8	8.7	466	3.44	8.7	0.4	0.4	2.0	17.6	0.18	0.36	0.24	77	0.16
AFS014	Soil		4	0.92	21.82	9.94	64.4	106	21.5	10.2	309	3.48	9.8	0.6	0.9	3.2	24.6	0.10	0.37	0.20	86	0.23
AFS015	Soil		5	0.60	24.23	11.88	107.7	25	21.7	13.0	599	3.90	11.0	0.8	<0.2	4.6	26.5	0.15	0.32	0.19	81	0.22
AFS016	Soil		9	0.95	17.49	10.86	67.5	40	19.6	8.6	417	3.24	8.4	0.5	0.8	2.9	26.4	0.09	0.40	0.20	76	0.24
AFS017	Soil		5	0.79	13.99	7.79	73.7	37	14.5	7.3	421	2.96	5.6	0.4	1.5	1.0	28.9	0.07	0.42	0.18	73	0.22
AFS018	Soil		5	1.01	10.15	10.78	53.9	45	10.6	6.0	499	2.48	4.6	0.5	1.9	2.0	19.0	0.05	0.19	0.21	59	0.20
AFS019	Soil		6	0.85	17.25	11.01	59.0	48	13.0	6.0	287	2.38	4.7	0.4	0.6	1.7	19.6	0.05	0.40	0.14	60	0.16
AFS020	Soil		2	0.64	14.56	8.77	65.1	18	18.5	8.8	335	2.99	7.4	0.5	<0.2	2.8	24.7	0.03	0.31	0.16	69	0.21
AFS021	Soil		7	0.27	15.24	2.49	9.9	121	2.9	2.3	24	0.48	0.3	0.4	0.3	<0.1	24.2	0.08	0.06	0.04	9	0.12
AFS022	Soil		4	1.06	16.61	9.92	71.8	52	15.1	7.1	248	3.41	7.4	0.4	3.3	2.2	21.2	0.10	0.45	0.19	85	0.19
AFS023	Soil		5	0.95	13.98	9.53	72.8	33	13.6	7.1	373	2.99	7.0	0.4	<0.2	2.0	32.7	0.14	0.45	0.17	70	0.27
AFS024	Soil		4	1.05	18.40	11.65	97.1	67	13.0	6.5	448	3.02	5.9	0.4	<0.2	1.7	24.9	0.11	0.45	0.29	72	0.21
AFS025	Soil		<2	1.05	17.46	10.65	92.0	47	11.1	6.0	423	2.86	5.3	0.3	1.8	1.6	23.1	0.13	0.37	0.27	69	0.20
AFS026	Soil		6	0.82	11.86	8.30	69.3	31	15.4	8.0	309	2.87	6.1	0.4	0.3	2.3	22.8	0.03	0.41	0.15	71	0.23
AFS027	Soil		<2	0.20	20.61	4.01	22.3	301	6.5	2.8	96	0.79	0.7	0.6	0.6	<0.1	26.9	0.26	0.07	0.06	20	0.18
AFS028	Soil		2	0.81	15.57	8.95	74.4	39	15.5	8.4	484	2.98	6.8	0.5	<0.2	2.4	28.1	0.03	0.44	0.17	77	0.28
AFS029	Soil		5	0.68	18.49	11.11	73.1	40	18.6	8.5	311	3.15	8.8	0.5	0.2	3.2	27.9	0.01	0.36	0.17	77	0.24
AFS030	Soil		<2	0.72	18.63	9.14	51.1	39	11.0	7.2	630	2.31	5.5	0.5	4.9	1.4	25.8	0.10	0.31	0.17	55	0.20

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Client: **Cathro Resources Corp.**
2560 Telford Place
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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
AFS001	Soil		0.054	8.5	25.1	0.57	269.7	0.094	2	2.30	0.010	0.16	0.1	4.3	0.12	0.02	32	0.3	0.06	8.0	1.68	<0.1
AFS002	Soil		0.086	37.7	12.9	0.14	235.4	0.029	3	1.08	0.027	0.05	<0.1	4.0	0.06	0.10	102	0.3	0.03	3.5	0.47	<0.1
AFS003	Soil		0.073	10.5	8.2	0.13	145.7	0.028	<1	0.66	0.029	0.03	<0.1	1.9	0.04	0.07	63	0.3	0.03	2.0	0.33	<0.1
AFS004	Soil		0.134	37.6	32.7	0.54	349.6	0.044	2	2.60	0.017	0.15	<0.1	7.6	0.15	0.09	80	0.4	0.03	8.4	2.73	<0.1
AFS005	Soil		0.041	7.9	25.6	0.48	111.9	0.085	2	1.74	0.013	0.11	0.1	3.5	0.10	<0.02	11	0.2	0.07	7.2	1.26	<0.1
AFS006	Soil		0.023	4.2	5.8	0.08	60.6	0.029	1	0.46	0.030	0.03	<0.1	1.3	0.03	0.02	48	<0.1	0.03	2.1	0.38	<0.1
AFS007	Soil		0.053	3.9	8.3	0.13	66.7	0.026	1	0.71	0.035	0.04	<0.1	1.7	0.05	0.02	63	0.2	0.03	2.3	0.36	<0.1
AFS008	Soil		0.074	9.6	21.8	0.58	126.1	0.123	2	1.58	0.018	0.13	0.2	3.5	0.11	<0.02	26	0.1	0.06	7.3	1.10	<0.1
AFS009	Soil		0.042	6.5	19.3	0.40	84.0	0.104	<1	1.34	0.010	0.06	<0.1	2.9	0.11	<0.02	10	0.3	<0.02	7.2	1.07	<0.1
AFS010	Soil		0.043	7.2	19.5	0.37	94.1	0.104	2	1.19	0.015	0.09	0.1	2.3	0.10	<0.02	27	0.1	0.09	7.5	0.97	<0.1
AFS011	Soil		0.026	9.1	32.5	0.52	118.2	0.130	2	2.27	0.010	0.08	<0.1	3.9	0.15	<0.02	31	0.1	0.04	9.7	1.61	<0.1
AFS012	Soil		0.030	7.6	25.3	0.53	125.1	0.103	2	2.10	0.011	0.13	0.1	3.4	0.13	<0.02	13	<0.1	0.09	7.8	1.12	<0.1
AFS013	Soil		0.035	6.3	27.1	0.49	127.4	0.105	2	2.29	0.011	0.12	0.2	3.9	0.12	<0.02	20	0.5	0.08	8.3	1.48	<0.1
AFS014	Soil		0.032	9.5	41.3	0.67	157.8	0.134	3	2.84	0.012	0.11	0.1	5.3	0.14	<0.02	21	0.2	0.06	8.9	1.58	<0.1
AFS015	Soil		0.044	11.5	36.1	0.93	194.5	0.123	2	3.74	0.004	0.29	0.1	9.8	0.28	<0.02	29	0.5	0.15	10.7	2.68	<0.1
AFS016	Soil		0.045	8.7	33.2	0.62	149.6	0.112	2	2.24	0.011	0.17	<0.1	5.2	0.15	0.02	36	0.4	0.03	8.5	1.45	<0.1
AFS017	Soil		0.063	7.2	25.6	0.53	143.2	0.108	2	1.77	0.013	0.12	<0.1	4.2	0.14	0.03	23	0.3	<0.02	8.7	1.18	<0.1
AFS018	Soil		0.059	9.7	21.0	0.46	108.5	0.099	2	1.46	0.014	0.18	0.1	3.3	0.15	<0.02	12	<0.1	0.07	7.7	1.43	<0.1
AFS019	Soil		0.023	8.4	23.3	0.42	98.6	0.084	2	1.72	0.011	0.06	<0.1	3.0	0.11	<0.02	19	0.2	<0.02	6.6	1.14	<0.1
AFS020	Soil		0.022	9.5	31.2	0.63	143.9	0.107	1	2.58	0.009	0.14	0.1	5.3	0.15	<0.02	14	0.3	0.08	7.5	2.09	<0.1
AFS021	Soil		0.040	4.4	4.5	0.06	60.8	0.013	1	0.36	0.027	0.04	<0.1	0.4	0.04	0.05	54	<0.1	0.04	1.1	0.24	<0.1
AFS022	Soil		0.027	8.5	30.6	0.46	159.8	0.122	1	2.17	0.010	0.08	<0.1	3.9	0.14	<0.02	19	0.3	0.06	9.4	1.50	<0.1
AFS023	Soil		0.033	7.6	24.8	0.48	153.5	0.094	2	2.00	0.009	0.09	<0.1	3.6	0.13	<0.02	23	0.2	0.08	8.4	1.38	<0.1
AFS024	Soil		0.048	8.1	23.8	0.46	134.5	0.094	1	1.86	0.011	0.07	<0.1	4.0	0.13	<0.02	10	<0.1	0.16	9.5	1.01	<0.1
AFS025	Soil		0.044	7.7	22.1	0.44	126.4	0.089	1	1.74	0.010	0.06	<0.1	3.7	0.12	<0.02	<5	0.1	0.09	9.4	0.94	<0.1
AFS026	Soil		0.022	8.6	28.8	0.59	199.2	0.112	2	2.24	0.011	0.10	0.1	3.9	0.13	<0.02	15	0.2	0.08	7.2	1.30	<0.1
AFS027	Soil		0.047	9.9	6.6	0.09	161.5	0.017	3	0.49	0.022	0.03	<0.1	0.6	0.04	0.04	30	0.3	0.05	1.8	0.43	<0.1
AFS028	Soil		0.029	8.8	33.2	0.60	283.7	0.115	2	2.18	0.012	0.09	<0.1	4.6	0.14	<0.02	10	0.3	0.06	8.1	1.28	<0.1
AFS029	Soil		0.024	8.8	36.0	0.62	163.9	0.102	2	2.82	0.009	0.10	<0.1	5.6	0.15	<0.02	34	0.5	0.08	8.5	1.48	<0.1
AFS030	Soil		0.047	6.8	20.1	0.39	176.8	0.061	1	1.67	0.020	0.07	<0.1	2.8	0.10	<0.02	17	<0.1	<0.02	6.2	0.88	<0.1

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Project: Florence
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Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
AFS001	Soil	0.06	0.87	17.2	2.0	<0.05	2.1	4.10	24.7	0.03	<1	0.3	16.0	<10	<2
AFS002	Soil	<0.02	0.46	4.9	0.7	<0.05	1.2	24.96	62.1	<0.02	<1	0.6	3.2	<10	<2
AFS003	Soil	0.02	0.38	2.5	0.7	<0.05	1.1	7.82	20.4	<0.02	<1	0.1	1.9	<10	<2
AFS004	Soil	0.05	0.98	23.8	2.1	<0.05	1.9	23.29	57.3	0.04	<1	0.7	13.2	<10	<2
AFS005	Soil	0.03	0.85	18.0	3.4	<0.05	1.6	3.34	17.1	<0.02	1	0.4	11.4	<10	<2
AFS006	Soil	<0.02	0.18	3.8	0.5	<0.05	0.3	2.84	7.8	<0.02	<1	0.2	1.4	<10	<2
AFS007	Soil	<0.02	0.21	2.6	0.3	<0.05	0.4	1.78	7.9	<0.02	<1	0.2	2.4	<10	<2
AFS008	Soil	0.04	0.88	16.3	1.6	<0.05	2.3	3.45	18.9	<0.02	<1	0.3	14.1	<10	<2
AFS009	Soil	0.03	0.94	13.3	1.5	<0.05	1.2	2.31	15.2	<0.02	<1	0.1	9.2	<10	<2
AFS010	Soil	0.03	1.05	17.1	0.9	<0.05	1.5	2.27	14.9	<0.02	<1	0.3	9.0	<10	<2
AFS011	Soil	0.07	1.39	22.9	1.3	<0.05	2.8	3.35	19.6	0.02	<1	0.3	19.0	<10	<2
AFS012	Soil	0.05	0.78	20.1	1.1	<0.05	1.7	2.62	16.9	<0.02	1	0.3	16.5	<10	<2
AFS013	Soil	0.05	1.21	20.0	1.6	<0.05	2.4	2.46	14.6	0.03	<1	0.2	15.5	<10	<2
AFS014	Soil	0.08	1.28	18.0	1.2	<0.05	4.8	3.53	20.8	<0.02	<1	0.4	18.9	<10	<2
AFS015	Soil	0.04	0.90	34.0	2.1	<0.05	3.4	9.55	30.7	<0.02	<1	0.7	21.9	<10	<2
AFS016	Soil	0.03	1.17	32.1	3.3	<0.05	2.2	4.00	21.8	0.03	<1	0.5	21.6	<10	<2
AFS017	Soil	0.02	1.30	24.4	1.4	<0.05	1.1	2.76	20.1	<0.02	<1	0.2	17.8	<10	<2
AFS018	Soil	<0.02	0.98	28.7	4.5	<0.05	1.1	3.63	22.9	0.02	<1	0.2	10.3	<10	<2
AFS019	Soil	0.02	1.04	15.0	2.7	<0.05	1.5	2.97	17.9	<0.02	1	0.3	11.7	<10	<2
AFS020	Soil	0.04	0.87	23.4	1.5	<0.05	2.5	3.84	19.8	0.03	<1	0.4	16.6	<10	<2
AFS021	Soil	<0.02	0.19	2.8	0.6	<0.05	0.3	2.09	8.1	<0.02	<1	0.1	0.6	<10	<2
AFS022	Soil	0.08	1.30	17.6	1.5	<0.05	3.1	3.09	18.0	0.03	<1	0.6	20.2	<10	<2
AFS023	Soil	0.03	0.97	16.4	2.0	<0.05	1.4	2.99	17.9	<0.02	<1	0.2	17.5	<10	4
AFS024	Soil	0.02	0.84	15.9	2.4	<0.05	1.9	3.22	17.9	0.03	1	0.3	15.2	<10	<2
AFS025	Soil	0.05	0.88	15.1	2.3	<0.05	1.8	3.06	16.5	<0.02	<1	0.3	13.8	<10	<2
AFS026	Soil	0.03	0.87	17.8	1.6	<0.05	1.8	3.08	18.2	0.03	<1	0.2	19.3	<10	<2
AFS027	Soil	<0.02	0.23	5.9	0.8	<0.05	0.1	6.05	19.7	<0.02	<1	0.3	1.5	<10	<2
AFS028	Soil	0.09	0.85	16.9	1.3	<0.05	2.7	3.32	18.3	0.03	<1	0.4	16.2	<10	<2
AFS029	Soil	0.12	0.60	13.5	1.8	<0.05	4.5	3.53	20.1	0.02	1	0.6	15.8	<10	<2
AFS030	Soil	0.03	0.55	14.9	2.3	<0.05	1.1	2.60	15.3	<0.02	<1	0.3	9.1	<10	<2

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		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
AFS031	Soil		3	0.71	13.14	8.58	49.6	30	13.3	6.8	394	2.44	4.1	0.3	<0.2	1.5	29.1	0.04	0.24	0.12	65	0.22
AFS032	Soil		5	0.63	16.16	9.09	92.5	36	7.2	5.3	508	3.16	7.9	0.6	3.7	1.3	16.3	0.07	0.23	0.14	41	0.11
AFS033	Soil		<2	1.00	20.25	12.70	61.0	53	16.5	7.5	312	3.08	8.5	0.4	6.8	1.9	32.1	0.07	0.38	0.15	75	0.24
AFS034	Soil		5	0.87	12.48	7.98	74.2	78	9.7	8.2	587	2.41	3.6	0.3	<0.2	1.4	20.2	0.17	0.33	0.16	61	0.17
AFS035	Soil		6	0.33	25.43	3.44	57.5	33	14.2	9.5	564	2.37	7.2	0.4	3.7	1.9	47.3	0.07	0.22	0.03	60	0.84
AFS036	Soil		4	0.32	39.61	4.16	31.8	30	17.3	10.6	355	2.05	7.7	0.4	2.3	1.3	29.8	0.13	0.26	0.06	56	0.46
AFS037	Soil		2	0.24	23.99	2.42	20.8	140	7.7	5.3	500	1.16	2.0	0.2	<0.2	0.3	24.5	0.29	0.11	0.06	33	0.20
AFS038	Soil		5	0.39	51.16	10.21	59.3	72	25.3	12.7	652	3.11	11.3	0.6	2.7	2.7	59.5	0.10	0.39	0.06	76	1.16
AFS039	Soil		11	0.33	29.62	2.00	12.3	64	8.2	2.2	147	0.51	0.5	0.4	3.8	0.2	97.8	0.18	0.12	0.03	12	2.29
AFS040	Soil		3	0.39	42.84	4.47	37.8	45	21.6	9.9	431	2.27	9.6	0.4	0.3	1.5	51.9	0.07	0.34	0.06	66	1.03
AFS041	Soil		4	0.80	25.47	7.25	37.6	81	13.1	7.4	241	2.28	5.7	0.5	1.5	1.9	31.1	0.04	0.33	0.12	59	0.35
AFS042	Soil		3	0.51	19.13	5.43	32.1	21	8.8	6.6	276	1.70	3.7	0.5	0.3	1.5	28.5	0.08	0.22	0.06	42	0.37
AFS043	Soil		<2	0.04	7.49	0.20	7.5	17	1.1	1.6	54	0.35	<0.1	<0.1	<0.2	<0.1	12.2	<0.01	<0.02	<0.02	10	0.15
AFS044	Soil		8	0.25	11.39	1.23	140.6	177	3.5	2.0	741	0.43	<0.1	0.1	0.8	<0.1	239.2	0.19	0.04	0.03	11	3.01
AFS045	Soil		58	0.38	35.38	42.79	49.7	177	5.2	6.5	652	2.09	2.5	0.7	50.7	2.1	75.4	0.08	0.10	0.12	43	0.68
AFS046	Soil		5	0.44	42.88	5.48	47.5	53	19.8	11.9	514	2.58	6.8	0.6	2.3	2.2	54.4	0.06	0.28	0.06	75	0.89
AFS047	Soil		4	0.56	30.01	5.11	38.2	42	14.5	7.7	288	1.84	5.6	0.3	2.0	1.5	37.3	0.06	0.23	0.07	54	0.62
AFS048	Soil		4	0.97	36.97	12.81	42.9	75	22.0	10.2	554	2.58	8.8	0.5	57.2	2.6	53.1	0.11	0.44	0.07	71	1.16
AFS049	Soil		5	0.57	44.57	4.04	47.6	74	19.8	8.8	1511	2.25	8.7	0.7	2.2	1.9	69.7	0.06	0.24	0.08	54	1.24
AFS050	Soil		3	1.18	21.94	3.40	28.5	63	5.7	4.4	382	1.00	1.7	0.6	1.0	0.5	48.7	0.16	0.12	0.08	24	0.80
AFS051	Soil		3	0.39	19.41	2.23	41.6	67	4.9	4.6	383	1.10	1.6	0.7	0.9	0.8	43.8	0.10	0.11	0.05	24	0.60
AFS052	Soil		3	0.70	32.89	5.88	43.6	40	18.5	9.6	401	2.60	8.3	0.6	1.6	3.4	37.6	0.04	0.32	0.09	66	0.55
DFS001	Soil		2	1.06	20.18	11.21	65.8	50	23.1	11.8	391	3.38	9.4	0.5	2.6	2.8	19.4	0.12	0.50	0.20	77	0.19
DFS002	Soil		4	0.93	25.91	25.91	67.1	65	24.4	13.0	475	3.01	8.6	0.7	1.5	3.9	25.9	0.29	0.36	0.35	69	0.26
DFS003	Soil		2	0.17	13.59	1.49	11.3	35	3.0	1.2	50	0.57	1.1	0.3	<0.2	0.2	18.4	0.01	0.05	0.04	15	0.16
DFS004	Soil		4	0.29	26.03	4.21	27.2	114	7.4	3.3	101	1.34	1.9	0.8	1.4	0.8	23.8	0.01	0.14	0.07	30	0.24
DFS005	Soil		6	0.33	11.19	1.44	12.9	243	3.3	4.5	444	0.88	0.4	0.3	<0.2	<0.1	18.1	0.04	0.07	0.03	27	0.16
DFS006	Soil		4	0.69	40.50	7.19	48.6	126	13.6	6.9	278	2.11	3.9	0.8	1.7	0.9	29.6	0.08	0.18	0.13	41	0.28
DFS007	Soil		4	0.79	25.94	7.25	51.9	113	14.8	9.9	546	2.06	3.8	0.6	2.6	1.1	38.8	0.26	0.21	0.15	51	0.42
DFS008	Soil		3	0.53	25.13	6.83	43.8	52	12.5	7.3	275	2.12	6.2	0.6	1.9	2.8	40.3	0.05	0.25	0.11	54	0.43

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Client: **Cathro Resources Corp.**
2560 Telford Place
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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
AFS031	Soil		0.029	5.2	20.4	0.38	147.8	0.078	1	1.67	0.015	0.08	0.1	2.8	0.09	<0.02	20	0.2	0.06	5.8	0.88	<0.1
AFS032	Soil		0.040	3.1	11.7	0.27	133.8	0.028	<1	1.96	0.010	0.06	<0.1	3.0	0.09	<0.02	7	0.1	0.09	6.8	1.02	<0.1
AFS033	Soil		0.027	7.1	28.2	0.53	154.2	0.075	2	2.52	0.010	0.09	<0.1	4.8	0.14	<0.02	37	0.3	<0.02	7.9	1.16	<0.1
AFS034	Soil		0.039	6.5	19.8	0.35	130.5	0.071	<1	1.51	0.012	0.05	<0.1	2.9	0.11	<0.02	11	<0.1	0.06	6.2	0.80	0.1
AFS035	Soil		0.051	8.7	21.4	0.75	107.2	0.102	3	1.20	0.022	0.25	<0.1	5.4	0.12	0.03	20	0.1	0.08	4.4	1.56	<0.1
AFS036	Soil		0.051	7.6	28.8	0.54	62.5	0.068	2	1.14	0.018	0.08	<0.1	4.6	0.05	<0.02	20	<0.1	0.03	3.6	0.74	0.1
AFS037	Soil		0.024	4.3	10.6	0.21	152.3	0.048	2	0.66	0.022	0.06	<0.1	1.8	0.04	<0.02	29	<0.1	<0.02	2.5	0.56	<0.1
AFS038	Soil		0.111	17.0	35.7	0.90	93.6	0.080	3	1.53	0.015	0.16	<0.1	7.6	0.08	<0.02	60	<0.1	0.03	5.5	0.88	<0.1
AFS039	Soil		0.062	6.3	6.3	0.37	115.7	0.015	8	0.34	0.028	0.05	<0.1	0.9	0.03	0.12	69	<0.1	<0.02	1.0	0.27	<0.1
AFS040	Soil		0.082	9.5	32.3	0.65	100.7	0.078	3	1.08	0.017	0.11	0.1	5.4	0.06	<0.02	51	<0.1	<0.02	3.6	0.88	<0.1
AFS041	Soil		0.021	6.5	22.0	0.48	90.7	0.068	<1	1.29	0.013	0.11	0.1	3.8	0.07	<0.02	42	<0.1	<0.02	4.4	1.31	<0.1
AFS042	Soil		0.041	11.2	14.8	0.35	85.6	0.060	1	1.02	0.029	0.08	<0.1	3.4	0.06	<0.02	15	<0.1	0.03	3.7	0.76	<0.1
AFS043	Soil		0.050	2.4	1.5	0.10	47.8	0.028	<1	0.14	0.047	0.06	<0.1	0.4	<0.02	<0.02	9	<0.1	<0.02	0.8	0.04	<0.1
AFS044	Soil		0.234	2.4	4.3	0.26	584.6	0.016	23	0.25	0.025	0.31	<0.1	0.7	0.03	0.14	120	0.2	<0.02	1.0	0.27	<0.1
AFS045	Soil		0.096	23.6	8.5	0.55	151.2	0.048	1	1.33	0.026	0.15	0.1	3.5	0.08	0.03	60	<0.1	0.15	5.3	0.42	<0.1
AFS046	Soil		0.090	10.5	33.3	0.71	100.2	0.098	3	1.37	0.013	0.10	<0.1	6.0	0.10	<0.02	56	<0.1	0.03	4.2	1.08	0.1
AFS047	Soil		0.060	6.8	24.6	0.49	77.9	0.069	2	0.94	0.021	0.09	0.1	3.7	0.07	<0.02	20	<0.1	<0.02	3.2	0.72	<0.1
AFS048	Soil		0.093	11.2	32.1	0.57	96.1	0.075	2	0.97	0.018	0.11	0.1	5.2	0.09	<0.02	47	<0.1	0.02	3.6	1.09	<0.1
AFS049	Soil		0.055	12.1	23.8	0.63	146.2	0.070	4	1.09	0.016	0.11	<0.1	5.3	0.09	0.06	54	<0.1	<0.02	3.9	0.84	<0.1
AFS050	Soil		0.055	15.0	7.6	0.27	149.0	0.035	3	0.74	0.041	0.08	<0.1	1.8	0.06	0.05	41	<0.1	0.02	2.6	0.53	<0.1
AFS051	Soil		0.053	16.3	7.8	0.32	119.4	0.038	3	0.79	0.033	0.10	0.1	2.6	0.09	0.04	77	0.2	<0.02	2.9	0.93	<0.1
AFS052	Soil		0.049	11.7	34.4	0.59	76.4	0.085	2	1.33	0.022	0.29	0.1	6.7	0.11	<0.02	32	<0.1	0.04	4.3	0.90	0.1
DFS001	Soil		0.035	8.7	35.7	0.56	148.2	0.100	2	2.86	0.003	0.13	0.1	4.5	0.12	<0.02	46	0.2	0.03	8.3	1.51	<0.1
DFS002	Soil		0.045	11.6	37.3	0.61	192.5	0.108	2	2.54	0.007	0.14	0.2	5.2	0.13	<0.02	29	<0.1	0.03	6.3	1.43	<0.1
DFS003	Soil		0.036	7.3	4.3	0.08	63.0	0.025	<1	0.43	0.043	0.04	<0.1	0.9	<0.02	<0.02	21	<0.1	<0.02	1.6	0.22	<0.1
DFS004	Soil		0.065	7.9	16.6	0.21	118.5	0.038	<1	1.32	0.028	0.06	<0.1	3.6	0.07	0.03	55	<0.1	<0.02	3.9	0.84	<0.1
DFS005	Soil		0.056	3.8	6.5	0.09	58.5	0.031	1	0.30	0.032	0.02	<0.1	1.1	0.02	0.04	31	<0.1	0.07	1.8	0.23	<0.1
DFS006	Soil		0.067	8.6	26.6	0.41	191.4	0.044	2	2.23	0.023	0.10	<0.1	4.8	0.13	0.04	63	0.1	0.05	5.9	1.37	<0.1
DFS007	Soil		0.080	9.2	25.8	0.47	166.8	0.063	2	1.62	0.015	0.07	<0.1	4.0	0.09	0.04	55	<0.1	0.08	4.9	1.13	<0.1
DFS008	Soil		0.066	14.8	25.3	0.46	149.6	0.090	2	1.36	0.016	0.06	0.1	4.4	0.09	<0.02	62	<0.1	<0.02	4.3	0.92	<0.1

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Project: Florence
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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
AFS031	Soil	0.03	0.76	12.7	2.4	<0.05	1.6	2.23	11.3	<0.02	<1	0.2	10.1	<10	<2
AFS032	Soil	<0.02	0.75	11.8	2.8	<0.05	0.5	4.36	11.4	<0.02	<1	0.5	9.4	<10	<2
AFS033	Soil	0.03	0.88	13.5	3.0	<0.05	1.4	2.56	15.4	<0.02	<1	0.6	15.4	<10	<2
AFS034	Soil	0.03	0.66	10.5	1.4	<0.05	1.1	2.66	14.2	<0.02	<1	0.4	11.1	<10	<2
AFS035	Soil	0.07	0.62	19.9	0.6	<0.05	2.1	4.00	19.4	0.02	<1	0.4	9.8	<10	<2
AFS036	Soil	<0.02	0.36	7.8	0.6	<0.05	1.5	4.42	15.5	0.03	1	0.2	5.1	<10	<2
AFS037	Soil	<0.02	0.37	6.7	0.3	<0.05	0.6	2.20	9.8	<0.02	<1	0.1	3.4	<10	<2
AFS038	Soil	0.07	0.49	10.3	3.7	<0.05	2.6	9.70	32.3	<0.02	<1	0.5	10.7	<10	4
AFS039	Soil	0.03	0.22	3.9	0.4	<0.05	1.5	4.23	6.4	<0.02	<1	0.1	1.5	<10	<2
AFS040	Soil	0.05	0.51	8.4	0.6	<0.05	2.3	7.28	17.4	<0.02	<1	0.2	5.3	<10	<2
AFS041	Soil	0.03	0.64	15.9	1.6	<0.05	1.7	3.55	14.4	<0.02	<1	0.3	7.3	<10	2
AFS042	Soil	0.03	0.58	8.7	1.4	<0.05	1.0	4.97	23.3	0.02	<1	<0.1	6.8	<10	<2
AFS043	Soil	<0.02	0.10	1.9	<0.1	<0.05	0.2	0.84	5.6	<0.02	<1	<0.1	0.4	<10	<2
AFS044	Soil	<0.02	0.21	8.3	0.3	<0.05	0.3	1.02	4.2	<0.02	<1	0.1	1.8	<10	<2
AFS045	Soil	<0.02	0.48	13.5	1.4	<0.05	0.4	6.99	40.0	<0.02	<1	0.5	9.6	<10	<2
AFS046	Soil	0.07	0.67	11.3	1.0	<0.05	3.4	6.65	20.7	<0.02	1	0.3	6.5	<10	2
AFS047	Soil	0.05	0.49	7.9	1.3	<0.05	1.8	3.73	13.8	<0.02	<1	0.2	4.5	<10	<2
AFS048	Soil	0.08	0.32	8.1	5.2	<0.05	3.5	7.73	22.4	<0.02	1	0.5	5.1	<10	4
AFS049	Soil	0.04	0.72	12.6	0.6	<0.05	1.9	8.77	18.8	<0.02	<1	0.5	6.1	<10	<2
AFS050	Soil	<0.02	0.48	7.3	0.8	<0.05	0.5	3.89	20.9	<0.02	<1	0.2	4.7	<10	<2
AFS051	Soil	<0.02	0.39	13.8	0.5	<0.05	0.6	5.04	29.4	<0.02	<1	0.3	4.8	<10	<2
AFS052	Soil	0.06	0.61	18.3	0.8	<0.05	3.0	5.82	28.6	<0.02	<1	0.3	7.7	<10	<2
DFS001	Soil	0.04	1.39	14.6	1.4	<0.05	2.2	3.28	21.2	0.03	<1	0.4	19.5	<10	<2
DFS002	Soil	0.06	0.95	16.8	2.3	<0.05	3.0	4.41	30.1	0.04	<1	0.5	16.1	<10	<2
DFS003	Soil	<0.02	0.25	3.3	0.3	<0.05	0.3	4.36	14.3	<0.02	<1	0.2	1.6	<10	<2
DFS004	Soil	<0.02	0.42	5.6	1.0	<0.05	0.6	4.19	15.4	<0.02	<1	0.2	4.2	<10	<2
DFS005	Soil	<0.02	0.14	1.8	0.6	<0.05	0.3	2.33	8.1	<0.02	<1	<0.1	0.6	<10	<2
DFS006	Soil	<0.02	0.67	12.7	1.6	<0.05	0.7	3.98	16.1	0.02	<1	0.3	9.2	<10	<2
DFS007	Soil	<0.02	0.69	11.0	1.9	<0.05	0.9	5.53	19.1	<0.02	<1	<0.1	8.9	<10	<2
DFS008	Soil	0.05	0.73	7.9	1.5	<0.05	2.1	7.40	26.1	<0.02	<1	0.3	9.3	<10	<2

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Project: Florence
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		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
DFS009	Soil		<2	0.44	11.92	5.56	31.0	33	7.2	3.4	186	1.23	1.9	0.3	<0.2	0.9	22.1	0.06	0.08	0.06	33	0.21
DFS010	Soil		3	1.07	34.33	13.05	55.1	114	15.0	8.0	524	2.69	5.4	1.2	<0.2	1.9	39.2	0.09	0.29	0.13	64	0.31
DFS011	Soil		<2	0.09	4.39	0.98	9.6	33	1.8	1.5	46	0.55	0.6	0.2	<0.2	0.1	10.8	<0.01	0.03	<0.02	17	0.10
DFS012	Soil		2	0.77	18.15	8.65	57.6	37	12.4	7.5	414	2.52	5.0	0.5	1.7	2.5	27.4	0.06	0.26	0.13	56	0.20
DFS013	Soil		4	0.91	16.32	11.62	81.1	77	21.1	10.5	431	3.12	8.3	0.6	1.1	3.5	20.2	0.17	0.41	0.15	68	0.17
DFS014	Soil		4	0.93	22.19	13.33	70.2	53	29.5	13.6	410	3.06	8.7	0.7	4.9	4.2	20.6	0.15	0.41	0.16	69	0.22
DFS015	Soil		4	0.87	14.50	10.04	71.6	22	15.5	11.1	787	3.52	6.0	0.7	0.6	4.1	34.6	0.05	0.31	0.12	84	0.33
DFS016	Soil		3	0.44	11.97	9.80	90.8	48	19.2	10.3	700	2.72	4.8	0.8	<0.2	4.0	71.0	0.20	0.18	0.08	51	0.21
DFS017	Soil		11	0.89	19.17	9.12	65.0	107	24.6	11.9	411	3.01	8.1	0.8	<0.2	4.3	20.4	0.11	0.41	0.14	69	0.22
DFS018	Soil		11	1.00	16.78	7.46	57.8	169	11.7	10.8	1054	2.50	5.2	0.6	0.4	1.8	26.2	0.08	0.29	0.15	66	0.23
DFS019	Soil		2	0.94	12.26	8.79	70.7	32	15.1	7.7	365	3.38	8.1	0.4	<0.2	2.3	21.6	0.08	0.39	0.16	76	0.17
DFS020	Soil		3	0.73	23.61	10.96	67.7	32	29.4	10.6	324	3.30	9.7	0.6	1.4	3.6	26.1	0.11	0.39	0.19	70	0.20
DFS021	Soil		3	0.89	16.73	8.16	63.8	78	19.0	8.9	384	3.15	8.0	0.5	1.4	3.0	19.3	0.15	0.30	0.16	66	0.18
DFS022	Soil		3	0.69	15.58	7.34	48.3	97	16.4	7.3	276	2.62	6.9	0.4	1.1	2.6	18.3	0.12	0.28	0.14	60	0.17
DFS023	Soil		<2	0.45	8.43	6.20	87.6	29	11.3	7.6	625	3.21	5.8	0.4	1.0	2.0	47.2	0.04	0.12	0.12	66	0.31
DFS024	Soil		<2	0.78	27.09	9.38	118.5	237	17.9	15.8	635	3.61	5.2	0.6	1.3	4.1	22.9	0.29	0.30	0.17	75	0.26
DFS025	Soil		8	0.85	22.43	9.91	61.9	221	25.0	11.6	361	3.04	9.0	0.6	1.3	3.5	33.8	0.04	0.35	0.18	63	0.23
DFS026	Soil		3	0.28	13.28	6.42	58.5	24	14.3	8.8	485	2.87	4.9	0.5	1.5	1.9	92.5	0.01	0.14	0.05	66	0.47
DFS027	Soil		<2	0.40	14.33	4.07	35.4	15	13.4	7.1	326	2.31	4.9	0.4	2.0	0.6	52.7	0.02	0.16	0.07	58	0.35
DFS028	Soil		2	0.63	25.51	6.49	43.9	35	15.1	7.4	260	2.78	6.0	0.4	1.1	1.6	30.9	0.05	0.28	0.10	73	0.28
DFS029	Soil		<2	0.36	12.87	3.75	26.4	27	7.6	4.4	138	1.52	2.9	0.2	0.7	0.7	23.2	0.03	0.12	0.06	40	0.18
DFS030	Soil		<2	0.88	25.56	6.73	77.2	97	15.5	12.3	946	2.43	5.1	0.4	0.4	1.3	29.5	0.11	0.20	0.13	60	0.33
DFS031	Soil		<2	0.61	19.67	6.58	31.8	39	14.8	7.5	244	2.25	6.7	0.3	0.9	1.0	25.7	0.08	0.22	0.07	64	0.32
DFS032	Soil		2	0.40	19.62	4.02	27.6	32	12.6	6.3	205	2.04	6.0	0.2	1.1	0.9	29.1	0.04	0.19	0.07	58	0.38
DFS033	Soil		<2	0.44	15.28	4.65	25.7	55	10.0	5.7	431	1.56	3.3	0.2	1.1	0.8	24.2	0.09	0.14	0.08	44	0.22
DFS034	Soil		3	0.62	23.96	6.03	38.6	42	14.8	8.1	405	2.21	5.7	0.5	0.8	1.9	35.8	0.05	0.19	0.11	55	0.42
DFS035	Soil		2	0.57	21.53	8.15	30.5	25	17.3	7.4	205	2.34	8.0	0.3	1.5	1.5	34.5	0.03	0.27	0.09	58	0.32
DFS036	Soil		<2	0.84	24.43	7.99	72.8	101	16.0	11.9	709	2.92	4.7	0.3	1.6	1.7	29.0	0.15	0.27	0.16	75	0.28
DFS037	Soil		<2	0.47	17.14	5.49	27.8	74	10.2	5.1	122	1.86	3.1	0.2	1.0	0.5	22.4	0.13	0.18	0.06	52	0.18
DFS038	Soil		<2	0.41	21.93	4.88	29.2	61	10.7	6.3	289	1.79	4.4	0.3	1.0	0.9	21.9	0.03	0.17	0.05	45	0.22

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Client: **Cathro Resources Corp.**
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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
DFS009	Soil		0.035	7.6	13.2	0.26	77.2	0.060	1	0.83	0.025	0.06	<0.1	2.0	0.05	<0.02	21	<0.1	<0.02	3.3	0.53	<0.1
DFS010	Soil		0.061	15.9	28.7	0.47	156.8	0.078	1	2.06	0.014	0.13	0.1	5.0	0.11	0.03	42	<0.1	0.03	6.6	1.32	<0.1
DFS011	Soil		0.030	5.4	3.0	0.09	36.4	0.030	<1	0.32	0.029	0.03	<0.1	0.5	0.02	<0.02	13	<0.1	<0.02	1.4	0.15	<0.1
DFS012	Soil		0.036	8.4	22.8	0.49	109.1	0.092	<1	1.87	0.007	0.09	0.1	3.5	0.10	<0.02	23	<0.1	0.05	6.4	1.14	<0.1
DFS013	Soil		0.034	10.7	33.4	0.59	114.1	0.088	1	2.96	0.002	0.09	0.2	5.0	0.13	<0.02	37	<0.1	0.05	8.4	1.23	<0.1
DFS014	Soil		0.045	13.4	37.0	0.60	140.2	0.116	1	2.71	0.003	0.10	0.1	4.8	0.12	<0.02	27	0.2	0.08	6.5	1.35	<0.1
DFS015	Soil		0.116	15.7	28.3	0.70	131.2	0.142	1	1.93	0.002	0.15	0.1	4.7	0.15	<0.02	23	<0.1	0.05	8.6	1.50	<0.1
DFS016	Soil		0.041	9.8	25.7	0.70	140.6	0.105	1	3.04	<0.001	0.20	<0.1	4.9	0.17	<0.02	27	<0.1	0.02	7.8	1.58	<0.1
DFS017	Soil		0.044	13.3	38.3	0.64	139.1	0.130	2	2.75	0.002	0.12	0.2	5.6	0.13	<0.02	41	0.2	0.09	6.8	1.54	<0.1
DFS018	Soil		0.044	11.2	25.4	0.47	116.5	0.099	<1	1.57	0.010	0.08	0.1	3.0	0.13	<0.02	38	0.1	0.02	6.7	1.29	<0.1
DFS019	Soil		0.046	7.8	27.9	0.48	127.5	0.115	1	2.34	<0.001	0.09	0.1	3.6	0.10	<0.02	20	<0.1	0.09	9.1	1.29	0.1
DFS020	Soil		0.027	10.4	38.3	0.65	152.7	0.111	1	2.84	0.007	0.10	0.1	5.0	0.13	<0.02	17	0.6	0.10	8.1	1.45	<0.1
DFS021	Soil		0.034	8.9	31.1	0.59	133.2	0.126	<1	2.26	0.008	0.12	0.2	4.6	0.13	<0.02	40	<0.1	<0.02	7.3	1.58	<0.1
DFS022	Soil		0.027	8.3	30.6	0.48	118.6	0.111	1	1.88	0.012	0.09	0.2	3.6	0.10	<0.02	25	<0.1	<0.02	6.1	1.25	<0.1
DFS023	Soil		0.058	9.8	20.3	0.85	148.4	0.136	<1	2.08	0.008	0.20	<0.1	5.2	0.15	<0.02	<5	<0.1	<0.02	9.1	1.39	<0.1
DFS024	Soil		0.095	13.9	31.4	0.74	159.5	0.150	1	3.01	0.010	0.13	0.1	5.0	0.18	<0.02	48	0.2	0.03	9.7	1.99	<0.1
DFS025	Soil		0.031	10.2	33.2	0.69	115.1	0.104	<1	2.55	0.010	0.14	0.1	4.9	0.14	<0.02	14	0.2	0.15	7.3	1.69	<0.1
DFS026	Soil		0.056	8.1	24.2	0.79	81.5	0.109	<1	2.08	0.021	0.09	<0.1	3.5	0.10	<0.02	13	<0.1	0.07	7.0	0.63	<0.1
DFS027	Soil		0.055	4.3	20.6	0.50	94.0	0.077	<1	1.52	0.010	0.12	0.1	3.0	0.06	<0.02	11	<0.1	<0.02	6.2	0.51	<0.1
DFS028	Soil		0.028	6.5	25.5	0.52	76.5	0.111	<1	1.88	0.012	0.05	<0.1	3.4	0.09	<0.02	15	0.2	<0.02	7.4	1.19	<0.1
DFS029	Soil		0.023	3.2	12.7	0.29	56.4	0.065	<1	0.98	0.022	0.04	<0.1	1.8	0.05	<0.02	6	<0.1	<0.02	4.2	0.55	<0.1
DFS030	Soil		0.065	7.5	27.4	0.46	195.3	0.081	2	1.68	0.014	0.08	0.1	3.2	0.08	<0.02	9	<0.1	0.04	5.5	1.02	<0.1
DFS031	Soil		0.027	4.4	25.8	0.45	91.6	0.079	<1	1.32	0.013	0.06	<0.1	3.0	0.05	<0.02	<5	<0.1	0.02	4.7	0.58	<0.1
DFS032	Soil		0.036	4.9	22.0	0.44	76.2	0.074	<1	1.21	0.016	0.06	<0.1	2.8	0.05	<0.02	5	0.2	<0.02	4.3	0.53	<0.1
DFS033	Soil		0.030	5.6	16.8	0.31	118.8	0.061	<1	1.03	0.019	0.04	<0.1	2.1	0.06	<0.02	<5	<0.1	0.02	4.3	0.54	<0.1
DFS034	Soil		0.077	7.3	25.7	0.48	168.0	0.069	<1	1.44	0.016	0.09	<0.1	3.4	0.08	<0.02	11	<0.1	<0.02	4.6	0.64	<0.1
DFS035	Soil		0.016	5.7	28.5	0.45	118.1	0.051	<1	1.36	0.016	0.05	<0.1	3.9	0.08	<0.02	24	0.3	0.02	4.0	0.62	<0.1
DFS036	Soil		0.037	7.2	27.1	0.47	224.2	0.094	<1	1.90	0.011	0.06	<0.1	3.3	0.12	<0.02	9	0.2	<0.02	7.0	1.06	<0.1
DFS037	Soil		0.021	3.8	15.2	0.30	81.3	0.076	<1	1.08	0.017	0.03	0.1	1.6	0.06	<0.02	13	<0.1	<0.02	4.3	0.51	<0.1
DFS038	Soil		0.035	7.4	17.9	0.35	82.5	0.064	<1	1.04	0.018	0.06	0.1	2.9	0.05	<0.02	21	0.2	<0.02	3.2	0.44	<0.1

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
DFS009	Soil	<0.02	0.57	8.3	2.4	<0.05	0.7	3.76	14.5	<0.02	<1	0.1	5.4	<10	<2
DFS010	Soil	0.04	0.90	17.7	4.3	<0.05	1.3	7.89	28.8	0.02	<1	0.8	10.7	<10	<2
DFS011	Soil	<0.02	0.11	2.0	0.2	<0.05	0.2	2.11	8.3	<0.02	<1	0.1	1.1	<10	<2
DFS012	Soil	0.03	0.90	16.0	1.7	<0.05	2.0	3.33	22.7	0.02	<1	0.3	15.7	<10	<2
DFS013	Soil	0.03	0.96	14.1	1.8	<0.05	2.0	4.47	32.4	0.04	<1	0.8	19.3	<10	<2
DFS014	Soil	0.06	1.31	14.6	3.1	<0.05	3.3	4.88	33.4	0.02	<1	0.5	18.4	<10	<2
DFS015	Soil	0.06	1.02	19.6	2.4	<0.05	3.4	4.92	35.3	<0.02	<1	0.5	20.8	<10	<2
DFS016	Soil	0.06	1.01	22.0	1.7	<0.05	2.6	4.74	34.4	<0.02	<1	0.4	26.4	<10	<2
DFS017	Soil	0.09	1.16	15.9	1.5	<0.05	4.8	4.93	32.6	0.03	<1	0.6	16.8	<10	<2
DFS018	Soil	0.02	0.97	20.6	0.8	<0.05	1.1	4.12	20.8	0.04	<1	0.6	12.8	<10	<2
DFS019	Soil	0.05	1.09	14.9	1.6	<0.05	2.5	2.71	20.6	0.04	<1	0.3	17.4	<10	<2
DFS020	Soil	0.08	1.20	14.9	1.5	<0.05	3.4	4.07	25.3	0.05	<1	0.8	19.7	<10	<2
DFS021	Soil	0.10	1.57	18.7	0.8	<0.05	4.1	3.30	22.8	0.05	<1	0.4	18.4	<10	<2
DFS022	Soil	0.08	1.23	15.8	0.8	<0.05	3.4	2.82	18.5	0.02	<1	0.4	15.6	<10	<2
DFS023	Soil	0.05	0.81	24.3	1.5	<0.05	1.6	4.68	27.2	<0.02	<1	0.2	28.6	<10	2
DFS024	Soil	0.07	1.42	27.5	1.7	<0.05	3.3	4.92	33.2	0.02	<1	0.4	27.0	<10	<2
DFS025	Soil	0.07	1.04	18.2	1.1	<0.05	2.8	3.63	23.3	<0.02	<1	0.4	20.4	<10	<2
DFS026	Soil	<0.02	0.55	11.2	2.4	<0.05	1.1	2.62	15.3	<0.02	<1	0.5	14.2	<10	<2
DFS027	Soil	<0.02	0.48	25.1	0.9	<0.05	0.8	2.14	8.4	<0.02	<1	<0.1	9.9	<10	<2
DFS028	Soil	0.05	0.91	11.2	1.3	<0.05	2.3	2.34	12.3	0.03	<1	<0.1	12.8	<10	<2
DFS029	Soil	0.03	0.45	5.4	1.1	<0.05	1.3	1.14	6.1	<0.02	2	<0.1	6.7	<10	<2
DFS030	Soil	0.04	0.84	14.5	1.2	<0.05	1.3	2.88	16.0	<0.02	<1	0.2	9.2	<10	<2
DFS031	Soil	0.05	0.47	8.6	2.7	<0.05	1.9	2.14	9.0	<0.02	<1	<0.1	7.4	<10	<2
DFS032	Soil	0.02	0.45	11.1	0.8	<0.05	1.5	2.24	10.7	<0.02	<1	0.2	6.9	<10	<2
DFS033	Soil	0.02	0.66	7.1	0.7	<0.05	0.9	1.99	11.2	<0.02	<1	0.1	6.6	<10	<2
DFS034	Soil	0.05	0.55	9.5	1.0	<0.05	2.2	3.13	14.5	<0.02	<1	0.4	8.7	<10	3
DFS035	Soil	0.05	0.46	6.7	2.8	<0.05	2.1	2.43	12.2	0.03	<1	0.3	6.8	<10	<2
DFS036	Soil	0.03	0.87	11.6	0.8	<0.05	2.1	2.70	15.7	<0.02	<1	0.4	10.6	<10	<2
DFS037	Soil	0.02	0.60	5.6	2.2	<0.05	0.8	1.47	7.3	0.02	<1	<0.1	6.0	<10	<2
DFS038	Soil	<0.02	0.44	4.5	2.6	<0.05	0.7	2.92	19.8	<0.02	<1	<0.1	4.3	<10	6

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

Method		FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
DFS039	Soil	<2	0.55	16.91	8.21	37.2	80	16.3	8.3	244	2.27	5.0	0.3	3.6	0.7	33.5	0.05	0.23	0.08	56	0.38
MFS001	Soil	4	0.49	52.62	3.89	36.6	22	23.9	11.0	426	2.41	9.7	0.4	2.5	1.8	43.4	0.03	0.24	0.09	59	0.66
MFS002	Soil	4	0.63	37.06	6.16	42.2	9	23.4	12.0	407	2.69	10.6	0.4	1.2	1.5	37.8	0.06	0.30	0.07	61	0.45
MFS003	Soil	2	0.54	12.15	4.75	35.0	22	8.3	5.7	464	2.75	4.4	0.8	0.7	3.8	42.8	0.07	0.20	0.05	69	0.60
MFS004	Soil	2	0.32	9.83	73.97	117.5	20	13.7	7.7	936	2.66	5.7	1.8	0.6	9.0	67.0	0.16	0.30	0.10	59	0.44
MFS005	Soil	<2	0.41	9.84	8.91	76.6	27	13.4	9.1	845	2.88	4.3	1.9	1.3	7.7	45.5	0.03	0.19	0.11	60	0.37
MFS006	Soil	5	1.79	23.42	11.04	67.2	263	18.8	8.6	587	3.34	8.6	0.8	1.6	1.6	31.0	0.12	0.62	0.26	74	0.15
MFS007	Soil	4	0.65	10.07	10.38	61.5	53	13.1	5.6	512	2.25	5.8	0.8	1.6	1.5	37.5	0.08	0.23	0.12	46	0.12
MFS008	Soil	3	0.95	13.12	16.36	62.0	49	15.3	6.2	431	2.49	6.8	0.7	0.7	1.0	22.6	0.11	0.38	0.13	57	0.13
MFS009	Soil	4	0.82	15.14	12.48	64.5	53	16.9	8.5	596	2.57	8.4	1.0	1.7	1.6	39.0	0.16	0.30	0.19	60	0.16
MFS010	Soil	4	0.48	10.67	13.75	65.8	94	13.6	6.3	500	2.33	6.5	0.8	1.3	2.9	18.7	0.14	0.62	0.13	42	0.13
MFS011	Soil	6	0.67	14.07	10.94	54.5	38	15.9	8.0	463	2.36	6.3	0.6	1.7	2.9	49.7	0.04	0.29	0.12	51	0.21
MFS012	Soil	2	0.39	15.95	9.03	50.4	49	9.9	6.0	289	2.09	4.0	0.4	0.6	1.9	23.8	0.08	0.17	0.13	58	0.18
MFS013	Soil	9	0.43	9.46	4.57	32.2	103	7.5	3.8	225	1.42	2.4	0.9	1.2	0.6	24.2	0.08	0.13	0.06	35	0.15
MFS014	Soil	9	0.29	11.68	7.40	45.1	21	12.8	5.3	352	1.86	3.9	0.7	6.7	3.5	35.7	0.16	0.24	0.08	43	0.32
MFS015	Soil	4	0.41	6.80	19.20	41.1	17	6.9	3.2	258	2.12	7.1	0.5	0.8	2.8	29.5	0.06	0.39	0.08	40	0.21
MFS016	Soil	5	0.82	15.25	12.97	53.6	20	18.9	10.5	512	2.77	7.5	0.6	3.6	3.8	19.4	0.14	0.29	0.16	58	0.24
MFS017	Soil	6	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFS018	Soil	4	0.45	12.00	8.56	54.8	24	12.7	7.1	615	2.17	4.3	0.5	4.8	3.7	20.3	0.08	0.19	0.11	43	0.23
MFS019	Soil	3	0.56	14.38	27.49	55.0	16	13.3	8.5	500	2.37	5.1	0.5	7.5	2.8	12.7	0.14	0.26	0.19	47	0.15
MFS020	Soil	2	0.40	8.12	11.61	74.5	38	9.5	10.0	895	2.44	4.9	0.5	2.6	3.9	10.9	0.05	0.19	0.09	41	0.16
MFS021	Soil	7	0.77	12.27	13.99	44.6	33	9.0	5.1	269	2.23	4.1	0.5	2.4	2.4	17.3	0.09	0.24	0.16	60	0.16
MFS022	Soil	4	0.54	10.73	9.48	75.6	22	13.7	9.9	760	2.95	4.7	0.7	1.5	5.7	34.7	0.07	0.24	0.15	62	0.30
MFS023	Soil	3	0.58	13.37	8.23	59.7	28	13.5	7.1	401	2.77	5.8	0.5	2.0	3.8	28.4	0.04	0.21	0.15	58	0.18
MFS024	Soil	3	0.85	13.27	11.19	65.1	186	18.5	9.1	464	4.00	8.6	0.6	1.7	3.6	22.3	0.13	0.35	0.16	75	0.22
MFS025	Soil	3	0.80	11.32	6.99	62.4	53	10.4	6.9	418	2.74	5.3	0.5	3.4	2.4	32.7	0.09	0.20	0.14	65	0.20
MFS026	Soil	4	0.89	23.13	9.26	59.6	104	19.0	9.4	322	3.18	8.8	0.5	3.0	3.2	18.6	0.13	0.36	0.17	72	0.19
MFS027	Soil	4	0.68	12.60	8.23	56.1	63	15.4	6.5	353	2.65	6.3	0.6	1.6	3.2	21.0	0.05	0.25	0.15	63	0.21
MFS028	Soil	18	0.92	12.70	29.62	77.8	80	15.2	9.5	668	2.99	5.5	0.8	17.7	5.2	42.2	0.12	0.20	0.19	65	0.35
MFS029	Soil	4	1.39	12.16	11.37	56.9	132	13.3	6.7	335	3.22	7.8	0.5	0.4	2.6	17.1	0.18	0.33	0.27	85	0.18

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Client: **Cathro Resources Corp.**
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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
DFS039	Soil	0.033	5.6	32.4	0.53	157.2	0.082	<1	1.44	0.017	0.07	0.1	3.3	0.07	<0.02	<5	<0.1	<0.02	4.5	0.71	<0.1
MFS001	Soil	0.085	7.9	32.3	0.69	96.6	0.084	<1	1.19	0.024	0.11	0.1	4.4	0.08	<0.02	17	0.3	<0.02	3.5	1.26	<0.1
MFS002	Soil	0.028	5.8	31.9	0.74	124.9	0.089	<1	1.58	0.018	0.11	<0.1	4.2	0.09	<0.02	28	0.2	0.03	4.0	1.18	<0.1
MFS003	Soil	0.132	17.0	13.5	0.34	78.9	0.038	<1	0.68	0.013	0.11	0.2	2.6	0.06	<0.02	12	<0.1	0.03	3.2	0.55	<0.1
MFS004	Soil	0.098	36.8	22.1	0.64	132.3	0.063	2	1.96	0.010	0.16	<0.1	5.4	0.20	<0.02	6	0.2	<0.02	7.4	3.24	<0.1
MFS005	Soil	0.119	31.6	22.1	0.74	110.1	0.073	1	2.37	0.007	0.18	0.1	5.3	0.22	<0.02	15	<0.1	<0.02	7.8	1.68	<0.1
MFS006	Soil	0.046	10.1	31.4	0.62	77.9	0.125	1	1.80	0.008	0.11	4.7	4.0	0.15	0.05	64	1.1	0.16	8.1	1.88	<0.1
MFS007	Soil	0.025	7.9	21.7	0.45	55.2	0.067	<1	1.48	0.009	0.09	0.8	2.8	0.09	0.02	21	0.1	0.06	6.3	1.75	<0.1
MFS008	Soil	0.039	8.8	26.3	0.48	59.7	0.081	2	1.49	0.010	0.09	0.1	2.5	0.09	0.03	49	0.4	0.03	6.7	1.68	<0.1
MFS009	Soil	0.046	13.9	27.5	0.48	83.6	0.086	2	1.63	0.008	0.11	0.3	3.6	0.13	0.03	29	0.1	0.09	6.9	1.51	<0.1
MFS010	Soil	0.040	17.6	21.8	0.47	67.3	0.070	<1	1.77	0.009	0.10	0.2	3.5	0.10	0.02	41	0.1	0.05	5.0	5.23	<0.1
MFS011	Soil	0.040	12.1	24.9	0.48	86.5	0.093	<1	1.45	0.009	0.10	0.2	3.6	0.12	<0.02	27	0.2	<0.02	5.3	1.43	<0.1
MFS012	Soil	0.056	10.4	14.8	0.28	67.5	0.089	1	1.11	0.016	0.06	0.1	2.2	0.05	<0.02	10	0.2	0.05	5.0	0.78	<0.1
MFS013	Soil	0.047	9.9	13.0	0.25	80.2	0.053	<1	0.91	0.022	0.06	0.1	1.8	0.06	0.03	33	0.2	0.07	3.7	0.68	<0.1
MFS014	Soil	0.068	13.8	21.9	0.47	96.8	0.088	<1	1.12	0.011	0.10	0.1	3.4	0.09	<0.02	9	<0.1	0.08	3.7	1.00	<0.1
MFS015	Soil	0.054	9.6	15.4	0.32	76.2	0.062	<1	1.06	0.008	0.09	<0.1	2.3	0.09	<0.02	<5	0.3	0.04	3.9	1.22	<0.1
MFS016	Soil	0.070	11.3	32.0	0.54	105.8	0.092	<1	2.14	0.009	0.08	0.2	4.3	0.13	<0.02	22	0.4	<0.02	6.1	1.22	<0.1
MFS017	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFS018	Soil	0.057	15.9	22.0	0.47	115.5	0.066	<1	1.65	0.008	0.09	0.1	3.8	0.10	<0.02	11	0.2	0.07	4.7	2.30	<0.1
MFS019	Soil	0.046	9.9	24.1	0.45	62.2	0.060	1	2.03	0.008	0.09	0.2	3.7	0.08	<0.02	29	0.2	0.05	4.7	2.19	<0.1
MFS020	Soil	0.075	12.8	20.4	0.49	55.1	0.069	1	1.97	0.008	0.17	<0.1	4.8	0.16	<0.02	35	0.1	<0.02	5.3	1.70	<0.1
MFS021	Soil	0.033	9.9	22.0	0.38	71.7	0.087	1	1.43	0.008	0.05	<0.1	3.2	0.11	<0.02	13	0.2	<0.02	7.5	1.11	<0.1
MFS022	Soil	0.098	18.3	24.1	0.69	117.6	0.103	1	1.90	0.010	0.20	<0.1	4.7	0.19	<0.02	11	<0.1	0.06	7.5	1.91	0.1
MFS023	Soil	0.039	12.3	23.5	0.50	87.7	0.093	<1	1.89	0.009	0.12	0.1	4.5	0.11	<0.02	16	0.2	0.03	7.1	1.23	0.1
MFS024	Soil	0.061	11.0	36.7	0.65	90.2	0.134	2	3.10	0.007	0.12	0.2	5.7	0.15	0.02	40	0.5	0.04	8.9	1.80	<0.1
MFS025	Soil	0.047	10.0	21.9	0.48	96.0	0.113	1	1.44	0.014	0.13	<0.1	3.7	0.13	<0.02	6	0.1	<0.02	7.0	1.78	<0.1
MFS026	Soil	0.038	11.2	36.9	0.51	111.8	0.127	2	2.85	0.010	0.10	0.2	4.6	0.11	<0.02	54	0.2	0.02	7.1	1.84	<0.1
MFS027	Soil	0.031	11.4	29.3	0.52	100.1	0.106	1	1.63	0.010	0.09	0.2	3.8	0.09	<0.02	13	0.2	<0.02	6.6	2.05	<0.1
MFS028	Soil	0.105	16.6	28.7	0.68	99.0	0.124	2	2.07	0.010	0.18	0.5	5.3	0.15	<0.02	24	0.2	0.09	7.4	5.59	<0.1
MFS029	Soil	0.045	9.9	31.7	0.48	105.0	0.127	1	1.97	0.009	0.10	0.2	4.4	0.13	<0.02	19	<0.1	0.10	9.8	2.44	<0.1

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Project: Florence
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Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
DFS039	Soil	0.04	0.56	10.2	3.2	<0.05	0.7	2.36	11.2	<0.02	<1	0.3	7.1	<10	4
MFS001	Soil	0.06	0.23	8.6	0.9	<0.05	2.2	4.89	16.7	<0.02	2	0.4	5.6	<10	<2
MFS002	Soil	0.04	0.42	10.4	1.4	<0.05	1.9	2.94	12.7	<0.02	<1	0.2	11.4	<10	2
MFS003	Soil	0.06	0.16	7.3	2.0	<0.05	3.2	6.92	32.3	<0.02	1	<0.1	5.1	<10	<2
MFS004	Soil	0.03	0.39	26.6	1.5	<0.05	0.8	11.28	73.5	0.03	<1	0.6	21.9	<10	<2
MFS005	Soil	0.02	0.63	30.9	1.5	<0.05	0.9	6.26	65.6	<0.02	<1	0.5	25.6	<10	<2
MFS006	Soil	0.03	1.25	24.6	2.2	<0.05	1.0	3.56	27.5	<0.02	<1	0.2	18.6	<10	<2
MFS007	Soil	<0.02	0.73	12.0	3.8	<0.05	0.6	6.71	32.7	<0.02	<1	0.1	11.2	<10	<2
MFS008	Soil	<0.02	0.93	14.1	3.5	<0.05	0.6	3.28	22.7	<0.02	<1	0.3	15.9	<10	<2
MFS009	Soil	0.04	0.93	15.3	1.9	<0.05	0.9	6.96	32.7	<0.02	1	0.3	13.0	<10	<2
MFS010	Soil	0.03	1.06	14.9	1.6	<0.05	1.1	10.87	35.5	<0.02	1	0.6	20.4	<10	<2
MFS011	Soil	0.03	1.12	13.3	4.6	<0.05	1.4	5.21	28.7	<0.02	<1	0.4	14.8	<10	3
MFS012	Soil	0.02	0.61	8.7	1.5	<0.05	1.9	4.50	18.8	0.03	<1	0.2	7.6	<10	<2
MFS013	Soil	<0.02	0.49	8.7	1.2	<0.05	0.8	5.37	18.3	<0.02	<1	0.4	6.5	<10	3
MFS014	Soil	0.05	0.59	11.6	1.1	<0.05	2.9	6.72	27.1	0.03	<1	0.4	12.3	<10	<2
MFS015	Soil	0.03	0.64	10.8	0.8	<0.05	1.2	4.77	18.2	<0.02	2	0.1	9.9	<10	<2
MFS016	Soil	0.07	1.07	11.5	8.5	<0.05	3.5	4.90	24.1	0.04	<1	0.6	15.8	<10	3
MFS017	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFS018	Soil	0.03	0.70	13.2	1.9	<0.05	1.5	7.42	37.1	<0.02	<1	0.5	11.9	<10	<2
MFS019	Soil	0.03	0.93	10.6	1.0	<0.05	1.4	4.08	24.7	<0.02	<1	0.2	14.0	<10	<2
MFS020	Soil	0.02	1.22	22.9	5.8	<0.05	1.4	8.92	44.7	<0.02	<1	0.3	19.8	<10	<2
MFS021	Soil	0.05	1.17	7.9	1.2	<0.05	1.7	3.72	20.9	0.02	<1	0.2	11.3	<10	<2
MFS022	Soil	0.04	0.77	26.5	2.6	<0.05	1.9	6.19	51.9	0.04	1	0.5	18.4	<10	<2
MFS023	Soil	0.05	1.10	14.8	1.1	<0.05	1.8	5.59	35.8	<0.02	<1	0.4	15.5	<10	<2
MFS024	Soil	0.05	2.04	18.0	2.1	<0.05	3.0	4.88	31.4	0.03	<1	0.6	25.4	<10	<2
MFS025	Soil	0.03	0.93	34.0	1.9	<0.05	1.6	4.00	23.3	0.02	<1	0.4	12.4	<10	<2
MFS026	Soil	0.08	1.73	15.5	1.2	<0.05	3.8	3.83	25.4	0.02	<1	0.4	18.6	<10	<2
MFS027	Soil	0.05	1.01	15.8	1.1	<0.05	2.4	5.08	23.4	0.02	1	0.2	15.4	<10	<2
MFS028	Soil	0.05	0.93	23.0	2.2	<0.05	2.8	7.36	38.7	0.03	<1	0.6	18.4	<10	<2
MFS029	Soil	0.05	1.25	17.0	2.0	<0.05	1.7	3.47	23.3	0.03	3	0.2	13.6	<10	<2

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
MFS030	Soil		3	0.93	26.62	10.51	82.1	174	24.2	11.0	445	3.59	10.5	0.6	1.2	3.7	24.6	0.08	0.35	0.19	82	0.21
MFS031	Soil		2	0.66	12.37	7.74	56.6	91	15.6	6.3	343	2.60	5.8	0.5	<0.2	3.4	20.5	0.02	0.26	0.16	69	0.23
MFS032	Soil		4	1.08	12.90	10.66	38.2	60	7.6	4.7	289	2.71	6.2	0.3	1.6	2.2	13.4	0.11	0.34	0.20	78	0.10
MFS033	Soil		<2	0.56	16.01	6.53	39.5	79	8.2	5.0	599	1.54	2.5	0.5	1.3	1.9	28.4	0.16	0.18	0.18	45	0.25
MFS034	Soil		<2	0.71	23.56	10.07	74.6	41	20.3	10.0	415	3.45	9.5	0.6	3.3	2.3	28.6	0.10	0.36	0.13	81	0.24
MFS035	Soil		12	0.58	35.66	4.73	50.6	45	19.5	10.7	499	2.37	7.3	0.5	8.3	1.3	41.5	0.16	0.24	0.06	59	0.56
MFS036	Soil		9	0.61	40.72	4.40	43.5	24	17.3	13.1	397	2.56	6.2	0.2	2.2	0.9	46.6	0.08	0.12	0.05	73	0.56
MFS037	Soil		3	0.50	60.26	3.76	28.5	47	18.5	10.8	458	2.06	6.1	0.4	2.5	0.9	43.0	0.04	0.11	0.06	55	0.60
MFS038	Soil		3	0.81	28.81	7.41	38.1	53	16.6	8.0	266	2.53	7.6	0.4	1.9	1.6	28.8	0.04	0.18	0.13	69	0.38
MFS039	Soil		3	0.69	30.84	4.84	35.5	18	14.7	8.5	348	2.45	7.5	0.3	1.9	1.2	29.2	0.09	0.21	0.08	75	0.41
MFS040	Soil		4	0.70	24.78	7.96	36.8	27	20.0	10.7	337	2.41	7.8	0.3	0.8	1.2	32.8	0.07	0.22	0.07	72	0.43
AFL001	Silt		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
AFL002	Silt		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
AFL003	Silt		16	0.47	19.93	4.51	53.8	25	16.7	9.1	1168	2.18	5.2	0.5	5.5	1.1	55.6	0.05	0.20	0.03	61	0.91
AFL004	Silt		5	0.23	21.44	4.64	28.1	19	11.3	7.1	329	2.00	3.5	0.3	2.7	1.5	44.0	0.04	0.14	0.02	62	0.88
AFL005	Silt		2	0.32	29.60	3.18	41.0	41	13.4	7.5	540	1.74	5.0	0.6	2.5	1.5	44.0	0.06	0.14	0.04	46	0.75
DFL001	Silt		2	0.18	17.06	3.96	29.2	41	5.7	3.6	311	0.99	2.6	0.5	2.7	0.8	27.8	0.09	0.14	0.05	29	0.37
MFL001	Silt		9	0.80	22.90	4.43	107.3	37	16.0	11.2	2007	2.84	8.4	0.7	4.4	0.7	54.5	0.27	0.22	0.05	61	0.92

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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
MFS030	Soil	0.048	12.2	38.0	0.66	179.3	0.142	2	2.96	0.010	0.13	0.2	5.0	0.14	<0.02	31	0.2	0.02	8.8	2.37	<0.1
MFS031	Soil	0.040	12.6	31.0	0.52	147.5	0.137	<1	1.71	0.014	0.09	0.2	3.8	0.12	<0.02	<5	<0.1	0.05	6.2	1.23	<0.1
MFS032	Soil	0.030	8.1	19.8	0.21	73.9	0.110	<1	1.33	0.007	0.04	0.1	2.5	0.09	<0.02	10	0.1	0.02	9.3	0.93	<0.1
MFS033	Soil	0.016	11.7	18.5	0.32	113.5	0.105	<1	0.95	0.011	0.08	<0.1	2.4	0.09	<0.02	9	<0.1	0.02	5.5	0.82	<0.1
MFS034	Soil	0.068	9.1	31.9	0.63	148.4	0.144	<1	2.74	0.011	0.10	0.2	4.9	0.14	<0.02	46	0.3	0.07	9.2	1.70	<0.1
MFS035	Soil	0.097	8.6	29.9	0.63	111.6	0.095	2	1.33	0.019	0.13	<0.1	4.8	0.08	<0.02	41	<0.1	<0.02	4.0	1.16	<0.1
MFS036	Soil	0.041	4.0	23.6	0.90	103.2	0.185	<1	1.61	0.015	0.14	<0.1	3.2	0.05	<0.02	8	0.1	<0.02	4.2	1.06	<0.1
MFS037	Soil	0.048	7.1	23.4	0.58	117.1	0.098	<1	1.23	0.020	0.11	<0.1	3.4	0.06	<0.02	24	0.2	0.02	3.8	0.97	<0.1
MFS038	Soil	0.058	8.6	30.1	0.53	150.1	0.098	<1	1.70	0.013	0.08	0.1	4.0	0.09	<0.02	15	<0.1	0.05	5.3	0.97	<0.1
MFS039	Soil	0.047	5.4	24.2	0.49	78.0	0.095	1	1.49	0.011	0.05	0.1	3.5	0.05	<0.02	19	0.2	<0.02	4.8	0.70	<0.1
MFS040	Soil	0.062	4.7	32.6	0.53	84.6	0.085	2	1.45	0.013	0.06	0.1	3.7	0.06	<0.02	16	<0.1	<0.02	4.9	0.89	<0.1
AFL001	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
AFL002	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
AFL003	Silt	0.094	7.1	25.9	0.53	94.7	0.077	2	0.92	0.017	0.06	<0.1	3.5	0.05	0.04	20	<0.1	0.03	3.4	0.67	0.1
AFL004	Silt	0.097	8.6	18.3	0.49	42.4	0.083	2	0.80	0.013	0.06	<0.1	3.0	0.04	<0.02	9	0.1	0.03	2.7	0.36	<0.1
AFL005	Silt	0.075	10.0	18.5	0.50	88.5	0.070	1	0.97	0.022	0.09	<0.1	3.9	0.08	0.03	34	0.1	<0.02	3.3	0.73	<0.1
DFL001	Silt	0.077	8.6	9.6	0.19	83.8	0.054	<1	0.62	0.015	0.03	<0.1	2.1	0.04	0.04	36	0.1	<0.02	2.1	0.40	<0.1
MFL001	Silt	0.083	8.2	19.1	0.44	151.3	0.054	4	0.96	0.020	0.06	0.2	3.2	0.07	0.09	56	0.4	0.03	3.1	0.61	<0.1

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000167.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
MFS030	Soil	0.07	1.28	26.4	1.9	<0.05	3.3	4.25	28.4	0.04	<1	0.6	23.8	<10	<2
MFS031	Soil	0.07	1.25	21.8	1.2	<0.05	3.6	4.27	22.9	0.03	4	0.5	15.6	<10	<2
MFS032	Soil	0.07	1.53	9.6	1.8	<0.05	3.1	2.18	16.2	<0.02	<1	0.2	7.7	<10	<2
MFS033	Soil	0.04	1.41	27.6	0.9	<0.05	1.8	4.76	21.6	0.02	<1	0.3	5.9	<10	<2
MFS034	Soil	0.07	1.42	13.6	2.6	<0.05	3.1	3.93	21.0	<0.02	2	0.6	19.4	<10	<2
MFS035	Soil	<0.02	0.52	14.7	1.2	<0.05	1.2	5.37	18.3	0.03	<1	0.4	6.8	<10	<2
MFS036	Soil	0.07	0.51	10.6	1.5	<0.05	2.7	2.56	8.6	0.03	<1	0.2	13.1	<10	<2
MFS037	Soil	0.03	0.60	11.0	0.9	<0.05	1.5	3.85	14.6	<0.02	<1	0.2	5.5	<10	<2
MFS038	Soil	0.06	0.91	12.0	1.4	<0.05	1.6	4.12	17.9	<0.02	<1	0.4	13.0	<10	<2
MFS039	Soil	0.05	0.61	8.4	1.0	<0.05	2.3	2.66	10.8	<0.02	<1	0.1	7.5	<10	<2
MFS040	Soil	0.04	0.48	10.8	3.6	<0.05	2.3	2.37	9.8	<0.02	<1	0.2	7.8	<10	2
AFL001	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
AFL002	Silt	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
AFL003	Silt	0.04	0.45	8.1	2.2	<0.05	1.4	4.17	14.2	0.02	<1	0.1	4.7	<10	<2
AFL004	Silt	0.04	0.40	4.8	2.9	<0.05	2.2	4.23	16.4	<0.02	<1	0.1	3.4	<10	2
AFL005	Silt	0.06	0.49	11.3	0.5	<0.05	1.9	5.47	18.5	<0.02	2	0.2	5.2	<10	<2
DFL001	Silt	<0.02	0.38	2.8	1.6	<0.05	0.7	5.67	17.6	<0.02	<1	0.2	3.3	<10	<2
MFL001	Silt	<0.02	0.40	7.2	2.6	<0.05	0.8	5.68	15.6	<0.02	<1	0.2	5.0	<10	<2

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Kamloops BC V1S 0A3 CANADA

Project: Florence
Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000167.1

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																						
AFS017	Soil		5	0.79	13.99	7.79	73.7	37	14.5	7.3	421	2.96	5.6	0.4	1.5	1.0	28.9	0.07	0.42	0.18	73	0.22
REP AFS017	QC		7																			
AFS020	Soil		2	0.64	14.56	8.77	65.1	18	18.5	8.8	335	2.99	7.4	0.5	<0.2	2.8	24.7	0.03	0.31	0.16	69	0.21
REP AFS020	QC			0.60	14.13	8.96	64.1	17	17.6	8.7	343	3.00	7.3	0.5	<0.2	2.9	25.3	0.04	0.28	0.15	69	0.20
AFS052	Soil		3	0.70	32.89	5.88	43.6	40	18.5	9.6	401	2.60	8.3	0.6	1.6	3.4	37.6	0.04	0.32	0.09	66	0.55
REP AFS052	QC		4																			
DFS007	Soil		4	0.79	25.94	7.25	51.9	113	14.8	9.9	546	2.06	3.8	0.6	2.6	1.1	38.8	0.26	0.21	0.15	51	0.42
REP DFS007	QC			0.76	25.64	7.18	49.5	101	14.5	10.2	544	2.04	3.5	0.6	0.6	1.0	38.0	0.22	0.19	0.14	51	0.41
DFS035	Soil		2	0.57	21.53	8.15	30.5	25	17.3	7.4	205	2.34	8.0	0.3	1.5	1.5	34.5	0.03	0.27	0.09	58	0.32
REP DFS035	QC		3																			
MFS004	Soil		2	0.32	9.83	73.97	117.5	20	13.7	7.7	936	2.66	5.7	1.8	0.6	9.0	67.0	0.16	0.30	0.10	59	0.44
REP MFS004	QC			0.35	10.80	75.48	120.4	25	13.0	7.9	933	2.66	5.5	1.8	1.6	9.1	66.2	0.13	0.24	0.10	59	0.44
MFS031	Soil		2	0.66	12.37	7.74	56.6	91	15.6	6.3	343	2.60	5.8	0.5	<0.2	3.4	20.5	0.02	0.26	0.16	69	0.23
REP MFS031	QC		<2																			
MFS039	Soil		3	0.69	30.84	4.84	35.5	18	14.7	8.5	348	2.45	7.5	0.3	1.9	1.2	29.2	0.09	0.21	0.08	75	0.41
REP MFS039	QC			0.67	30.73	4.86	36.7	20	15.1	8.9	358	2.47	7.4	0.3	30.9	1.1	29.6	0.07	0.21	0.07	77	0.40
Reference Materials																						
STD DS10	Standard			14.84	155.06	151.66	376.7	2031	74.6	12.8	879	2.82	44.4	2.8	82.0	7.8	70.8	2.42	9.35	12.54	47	1.10
STD DS10	Standard			14.62	149.92	146.91	356.3	1958	75.4	11.8	899	2.75	43.8	2.6	73.6	7.4	67.6	2.50	8.97	12.33	44	1.07
STD DS10	Standard			14.61	150.14	154.19	384.3	2016	74.9	12.4	859	2.78	45.3	2.8	106.5	7.9	72.5	2.40	9.52	12.87	45	1.07
STD DS10	Standard			14.99	155.67	150.61	368.3	1954	72.5	12.4	863	2.75	44.6	2.7	71.4	7.6	68.4	2.32	9.04	12.24	45	1.09
STD OXA71	Standard		76																			
STD OXA71	Standard		82																			
STD OXA71	Standard		81																			
STD OXA71	Standard		81																			
STD OXA71	Standard		81																			
STD OXA71	Standard		85																			
STD OXA71	Standard		84																			

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Project: Florence
Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000167.1

		Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																						
AFS017	Soil		0.063	7.2	25.6	0.53	143.2	0.108	2	1.77	0.013	0.12	<0.1	4.2	0.14	0.03	23	0.3	<0.02	8.7	1.18	<0.1
REP AFS017	QC																					
AFS020	Soil		0.022	9.5	31.2	0.63	143.9	0.107	1	2.58	0.009	0.14	0.1	5.3	0.15	<0.02	14	0.3	0.08	7.5	2.09	<0.1
REP AFS020	QC		0.022	9.8	31.1	0.62	144.4	0.108	1	2.56	0.009	0.14	0.1	5.2	0.15	<0.02	13	<0.1	0.06	7.5	2.08	<0.1
AFS052	Soil		0.049	11.7	34.4	0.59	76.4	0.085	2	1.33	0.022	0.29	0.1	6.7	0.11	<0.02	32	<0.1	0.04	4.3	0.90	0.1
REP AFS052	QC																					
DFS007	Soil		0.080	9.2	25.8	0.47	166.8	0.063	2	1.62	0.015	0.07	<0.1	4.0	0.09	0.04	55	<0.1	0.08	4.9	1.13	<0.1
REP DFS007	QC		0.081	9.1	26.0	0.44	160.8	0.063	2	1.60	0.016	0.08	0.1	3.9	0.09	0.04	52	<0.1	<0.02	5.1	1.16	<0.1
DFS035	Soil		0.016	5.7	28.5	0.45	118.1	0.051	<1	1.36	0.016	0.05	<0.1	3.9	0.08	<0.02	24	0.3	0.02	4.0	0.62	<0.1
REP DFS035	QC																					
MFS004	Soil		0.098	36.8	22.1	0.64	132.3	0.063	2	1.96	0.010	0.16	<0.1	5.4	0.20	<0.02	6	0.2	<0.02	7.4	3.24	<0.1
REP MFS004	QC		0.097	37.3	21.8	0.64	141.1	0.064	1	1.97	0.010	0.16	<0.1	5.3	0.21	<0.02	26	0.3	0.03	7.4	3.23	<0.1
MFS031	Soil		0.040	12.6	31.0	0.52	147.5	0.137	<1	1.71	0.014	0.09	0.2	3.8	0.12	<0.02	<5	<0.1	0.05	6.2	1.23	<0.1
REP MFS031	QC																					
MFS039	Soil		0.047	5.4	24.2	0.49	78.0	0.095	1	1.49	0.011	0.05	0.1	3.5	0.05	<0.02	19	0.2	<0.02	4.8	0.70	<0.1
REP MFS039	QC		0.047	5.6	23.8	0.51	76.3	0.096	2	1.49	0.011	0.05	0.1	3.6	0.06	<0.02	24	<0.1	0.02	5.2	0.73	<0.1
Reference Materials																						
STD DS10	Standard		0.071	19.1	55.6	0.78	362.7	0.084	7	1.09	0.064	0.35	3.3	3.3	5.14	0.28	344	1.9	5.00	4.8	2.68	0.1
STD DS10	Standard		0.069	17.8	53.9	0.77	348.9	0.079	6	1.07	0.070	0.33	3.4	3.2	5.14	0.28	291	2.1	4.53	4.3	2.60	<0.1
STD DS10	Standard		0.075	18.6	53.9	0.78	362.2	0.080	7	1.10	0.070	0.34	3.1	3.0	5.34	0.28	298	2.5	4.71	4.7	2.74	<0.1
STD DS10	Standard		0.074	18.5	56.5	0.78	345.0	0.084	7	1.10	0.070	0.34	3.5	3.0	5.08	0.29	237	2.0	5.29	4.3	2.69	0.2
STD OXA71	Standard																					
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Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000167.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates															
AFS017	Soil	0.02	1.30	24.4	1.4	<0.05	1.1	2.76	20.1	<0.02	<1	0.2	17.8	<10	<2
REP AFS017	QC														
AFS020	Soil	0.04	0.87	23.4	1.5	<0.05	2.5	3.84	19.8	0.03	<1	0.4	16.6	<10	<2
REP AFS020	QC	0.07	0.82	23.7	1.7	<0.05	2.3	3.74	20.3	0.03	<1	0.5	18.2	<10	<2
AFS052	Soil	0.06	0.61	18.3	0.8	<0.05	3.0	5.82	28.6	<0.02	<1	0.3	7.7	<10	<2
REP AFS052	QC														
DFS007	Soil	<0.02	0.69	11.0	1.9	<0.05	0.9	5.53	19.1	<0.02	<1	<0.1	8.9	<10	<2
REP DFS007	QC	0.02	0.73	10.6	2.1	<0.05	1.0	5.36	19.2	<0.02	<1	0.2	8.6	<10	<2
DFS035	Soil	0.05	0.46	6.7	2.8	<0.05	2.1	2.43	12.2	0.03	<1	0.3	6.8	<10	<2
REP DFS035	QC														
MFS004	Soil	0.03	0.39	26.6	1.5	<0.05	0.8	11.28	73.5	0.03	<1	0.6	21.9	<10	<2
REP MFS004	QC	0.03	0.36	26.4	1.2	<0.05	0.7	10.91	74.0	<0.02	<1	0.7	21.7	<10	<2
MFS031	Soil	0.07	1.25	21.8	1.2	<0.05	3.6	4.27	22.9	0.03	4	0.5	15.6	<10	<2
REP MFS031	QC														
MFS039	Soil	0.05	0.61	8.4	1.0	<0.05	2.3	2.66	10.8	<0.02	<1	0.1	7.5	<10	<2
REP MFS039	QC	0.06	0.60	8.4	1.0	<0.05	2.3	2.72	11.0	0.02	<1	0.1	7.5	<10	<2
Reference Materials															
STD DS10	Standard	0.07	1.75	28.1	1.6	<0.05	2.7	8.45	39.6	0.22	47	0.5	20.3	122	195
STD DS10	Standard	0.03	1.48	27.5	1.6	<0.05	2.6	7.74	36.4	0.25	55	0.4	18.9	122	178
STD DS10	Standard	0.04	1.56	28.8	1.6	<0.05	2.4	8.22	38.8	0.26	61	0.5	19.8	137	196
STD DS10	Standard	0.07	1.85	27.7	1.7	<0.05	2.8	8.22	37.6	0.28	46	0.6	18.4	101	160
STD OXA71	Standard														
STD OXA71	Standard														
STD OXA71	Standard														
STD OXA71	Standard														
STD OXA71	Standard														
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STD OXA71	Standard														

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PHONE (604) 253-3158

Client: **Cathro Resources Corp.**
2560 Telford Place
Kamloops BC V1S 0A3 CANADA

Project: Florence
Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000167.1

		FA330 Au ppb 2	AQ251 Mo ppm 0.01	AQ251 Cu ppm 0.01	AQ251 Pb ppm 0.01	AQ251 Zn ppm 0.1	AQ251 Ag ppb 2	AQ251 Ni ppm 0.1	AQ251 Co ppm 0.1	AQ251 Mn ppm 1	AQ251 Fe % 0.01	AQ251 As ppm 0.1	AQ251 U ppm 0.1	AQ251 Au ppb 0.2	AQ251 Th ppm 0.1	AQ251 Sr ppm 0.5	AQ251 Cd ppm 0.01	AQ251 Sb ppm 0.02	AQ251 Bi ppm 0.02	AQ251 V ppm 2	AQ251 Ca % 0.01
STD OXA71	Standard	83																			
STD OXC129	Standard		1.29	27.49	6.37	41.6	17	77.8	19.6	450	3.03	0.8	0.7	201.8	1.9	195.2	0.04	0.03	<0.02	54	0.70
STD OXC129	Standard		1.31	29.84	6.59	43.6	31	79.6	20.0	449	3.06	0.5	0.7	213.1	1.8	190.7	0.02	0.02	<0.02	52	0.67
STD OXC129	Standard		1.25	26.85	6.53	43.5	25	79.5	20.1	459	3.09	0.7	0.7	203.7	1.9	206.1	<0.01	0.05	<0.02	53	0.73
STD OXC129	Standard		1.39	29.31	6.57	44.7	23	80.3	20.7	420	3.06	0.4	0.7	195.7	2.0	202.1	0.02	0.05	<0.02	54	0.73
STD OXA71 Expected		84.9																			
STD DS10 Expected			14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625
STD OXC129 Expected			1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank		<0.01	<0.01	0.02	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.02	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	0.04	<0.01	0.1	3	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01

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QUALITY CONTROL REPORT WHI15000167.1

		AQ251 P % 0.001	AQ251 La ppm 0.5	AQ251 Cr ppm 0.5	AQ251 Mg % 0.01	AQ251 Ba ppm 0.5	AQ251 Ti % 0.001	AQ251 B ppm 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W ppm 0.1	AQ251 Sc ppm 0.1	AQ251 Tl ppm 0.02	AQ251 S % 0.02	AQ251 Hg ppb 5	AQ251 Se ppm 0.1	AQ251 Te ppm 0.02	AQ251 Ga ppm 0.1	AQ251 Cs ppm 0.02	AQ251 Ge ppm 0.1
STD OXA71	Standard																				
STD OXC129	Standard	0.096	12.6	51.8	1.51	48.4	0.395	<1	1.59	0.560	0.35	0.1	1.1	<0.02	<0.02	<5	<0.1	<0.02	5.4	0.15	<0.1
STD OXC129	Standard	0.099	12.9	52.4	1.56	49.3	0.401	1	1.56	0.590	0.35	<0.1	1.7	0.04	<0.02	6	0.2	0.02	5.6	0.14	<0.1
STD OXC129	Standard	0.101	12.5	51.8	1.56	52.4	0.403	2	1.63	0.601	0.35	<0.1	1.6	0.03	<0.02	<5	<0.1	<0.02	5.6	0.17	<0.1
STD OXC129	Standard	0.102	12.7	54.7	1.62	50.7	0.425	1	1.64	0.606	0.36	<0.1	1.6	0.04	<0.02	<5	<0.1	<0.02	5.5	0.16	<0.1
STD OXA71 Expected																					
STD DS10 Expected		0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3	2.63	0.08
STD OXC129 Expected		0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6	0.16	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	10	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	8	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.03	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1

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		AQ251 Hf ppm 0.02	AQ251 Nb ppm 0.02	AQ251 Rb ppm 0.1	AQ251 Sn ppm 0.1	AQ251 Ta ppm 0.05	AQ251 Zr ppm 0.1	AQ251 Y ppm 0.01	AQ251 Ce ppm 0.1	AQ251 In ppm 0.02	AQ251 Re ppb 1	AQ251 Be ppm 0.1	AQ251 Li ppm 0.1	AQ251 Pd ppb 10	AQ251 Pt ppb 2
STD OXA71	Standard														
STD OXC129	Standard	0.21	1.22	14.4	0.7	<0.05	18.3	4.61	22.9	<0.02	<1	0.7	2.2	<10	<2
STD OXC129	Standard	0.18	1.37	15.3	0.7	<0.05	15.9	4.53	23.8	<0.02	1	0.7	2.3	<10	<2
STD OXC129	Standard	0.21	1.25	15.5	0.7	<0.05	18.0	4.83	24.1	<0.02	<1	0.6	2.3	<10	<2
STD OXC129	Standard	0.18	1.16	15.2	0.7	<0.05	17.1	5.00	24.7	<0.02	2	0.9	2.3	<10	<2
STD OXA71 Expected															
STD DS10 Expected		0.06	1.62	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
STD OXC129 Expected		0.24	1.4		0.7		21	4.7	23.7			0.8	2.22		
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	1	<0.1	<0.1	<10	<2

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Client: **Cathro Resources Corp.**
2560 Telford Place
Kamloops BC V1S 0A3 CANADA

Submitted By: Mike Cathro
Receiving Lab: Canada-Whitehorse
Received: August 26, 2015
Report Date: September 14, 2015
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI15000168.1

CLIENT JOB INFORMATION

Project: Florence
Shipment ID:
P.O. Number
Number of Samples: 5

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	5	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA330-Au	5	Fire assay fusion Au by ICP-ES	30	Completed	VAN
AQ251_EXT	5	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Cathro Resources Corp.
2560 Telford Place
Kamloops BC V1S 0A3
CANADA

CC: Don Coolidge
Adam Travis

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000168.1

	Method	WGHT	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
MFR001	Rock	1.20	5	0.84	9.81	16.98	91.6	127	2.0	4.3	861	1.81	2.2	0.5	3.1	4.9	61.4	0.81	0.13	0.20	33
MFR002	Rock	0.87	<2	0.20	1.53	6.31	15.5	83	0.8	0.7	360	0.58	2.2	1.5	0.7	3.5	20.7	0.04	0.12	0.11	3
MFR003	Rock	0.95	<2	0.14	1.25	4.85	32.2	33	0.9	1.7	590	0.98	1.0	0.3	<0.2	2.7	43.9	0.69	0.05	0.06	7
MFR004	Rock	0.96	<2	0.19	6.19	1.66	3.8	32	0.9	0.6	83	0.49	0.8	<0.1	1.0	0.1	9.5	<0.01	0.04	0.06	11
DFR001	Rock	1.31	3	0.54	121.55	2.49	55.2	119	2.8	16.5	759	3.29	0.5	0.1	1.2	0.3	55.3	0.08	0.06	0.14	118

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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
MFR001	Rock	1.78	0.047	19.2	3.2	0.51	141.1	0.020	1	0.45	0.036	0.17	<0.1	4.1	0.07	0.04	29	<0.1	0.02	2.1	1.90
MFR002	Rock	0.85	0.005	10.4	1.2	0.09	44.6	0.001	<1	0.18	0.051	0.11	<0.1	0.7	0.03	<0.02	15	<0.1	<0.02	0.6	0.14
MFR003	Rock	2.02	0.002	11.2	1.5	0.59	35.9	0.004	<1	0.17	0.055	0.11	<0.1	1.3	0.03	<0.02	7	<0.1	<0.02	0.9	0.19
MFR004	Rock	0.14	0.058	4.9	2.3	<0.01	7.6	0.003	<1	0.04	0.003	<0.01	0.1	0.3	<0.02	<0.02	<5	<0.1	0.02	0.3	<0.02
DFR001	Rock	1.60	0.185	2.6	1.8	0.82	100.2	0.150	<1	1.42	0.171	0.45	0.1	4.6	0.04	0.07	10	<0.1	0.05	5.2	0.36

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Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
MFR001	Rock	<0.1	0.06	0.06	11.3	2.7	<0.05	2.0	12.62	38.3	0.03	<1	0.4	3.3	<10	<2
MFR002	Rock	<0.1	0.50	0.14	5.3	0.8	<0.05	10.1	6.93	21.2	<0.02	<1	0.1	0.3	<10	<2
MFR003	Rock	<0.1	0.11	0.16	5.1	0.8	<0.05	3.8	4.87	22.0	<0.02	<1	0.1	0.5	<10	<2
MFR004	Rock	<0.1	<0.02	0.06	0.3	0.7	<0.05	0.5	1.40	10.0	<0.02	<1	<0.1	0.1	<10	<2
DFR001	Rock	0.1	0.08	<0.02	11.1	0.7	<0.05	1.6	6.99	5.7	<0.02	<1	0.1	5.9	<10	<2

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QUALITY CONTROL REPORT WHI15000168.1

	Method	WGHT	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
Pulp Duplicates																					
MFR001	Rock	1.20	5	0.84	9.81	16.98	91.6	127	2.0	4.3	861	1.81	2.2	0.5	3.1	4.9	61.4	0.81	0.13	0.20	33
REP MFR001	QC			0.89	9.64	17.91	90.0	147	1.8	4.2	865	1.81	2.2	0.5	3.2	5.1	59.9	0.89	0.14	0.20	33
Reference Materials																					
STD DS10	Standard			15.24	160.78	148.15	396.2	1920	74.6	13.4	924	2.79	46.6	2.7	70.6	8.1	71.2	2.67	10.13	12.77	47
STD DS10	Standard			14.62	156.70	149.87	379.4	1937	74.0	13.1	885	2.85	46.8	2.9	84.9	8.2	72.6	2.59	10.00	13.44	45
STD OXC129	Standard			1.31	29.82	6.99	44.7	23	81.4	21.0	429	3.26	0.9	0.8	201.9	2.1	195.8	0.04	0.05	0.03	54
STD OXD108	Standard		421																		
STD OXI121	Standard		1832																		
STD OXD108 Expected			414																		
STD OXI121 Expected			1834																		
STD DS10 Expected				14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43
STD OXC129 Expected				1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51
BLK	Blank		2																		
BLK	Blank		<2																		
BLK	Blank			<0.01	0.02	<0.01	<0.1	<2	<0.1	<0.1	1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	0.03	<2
BLK	Blank			<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
Prep Wash																					
ROCK-WHI	Prep Blank		<2	0.50	4.13	6.22	51.5	44	0.9	3.8	516	1.70	0.9	0.4	<0.2	2.3	36.2	0.08	0.06	0.24	23

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QUALITY CONTROL REPORT WHI15000168.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
	MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02
Pulp Duplicates																					
MFR001	Rock	1.78	0.047	19.2	3.2	0.51	141.1	0.020	1	0.45	0.036	0.17	<0.1	4.1	0.07	0.04	29	<0.1	0.02	2.1	1.90
REP MFR001	QC	1.77	0.049	19.4	3.3	0.51	142.7	0.020	1	0.45	0.037	0.17	<0.1	4.1	0.07	0.04	44	<0.1	<0.02	2.0	1.94
Reference Materials																					
STD DS10	Standard	1.09	0.077	19.9	56.5	0.78	362.0	0.084	7	1.07	0.065	0.34	3.3	3.0	5.25	0.28	307	2.3	5.12	4.7	2.84
STD DS10	Standard	1.08	0.076	19.2	55.7	0.78	360.0	0.087	7	1.08	0.074	0.34	3.4	3.0	5.20	0.29	308	2.0	5.29	4.5	2.80
STD OXC129	Standard	0.70	0.105	13.6	55.6	1.57	50.6	0.427	<1	1.61	0.607	0.38	0.1	1.0	0.04	<0.02	<5	<0.1	<0.02	5.8	0.18
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXD108 Expected																					
STD OXI121 Expected																					
STD DS10 Expected		1.0625	0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3	2.63
STD OXC129 Expected		0.665	0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6	0.16
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.03	0.3	<0.02
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02
Prep Wash																					
ROCK-WHI	Prep Blank	0.69	0.042	7.7	2.1	0.48	76.7	0.093	1	1.24	0.179	0.17	0.3	4.7	<0.02	0.04	6	<0.1	0.02	4.6	0.10

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Kamloops BC V1S 0A3 CANADA

Project: Florence
Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000168.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.1	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates																
MFR001	Rock	<0.1	0.06	0.06	11.3	2.7	<0.05	2.0	12.62	38.3	0.03	<1	0.4	3.3	<10	<2
REP MFR001	QC	<0.1	0.06	0.05	11.1	3.3	<0.05	2.1	12.42	38.5	0.03	<1	0.3	3.6	<10	<2
Reference Materials																
STD DS10	Standard	<0.1	0.05	1.57	30.6	1.8	<0.05	2.7	8.40	38.8	0.25	48	0.6	19.3	101	188
STD DS10	Standard	<0.1	0.06	1.60	28.6	1.8	<0.05	2.6	8.36	38.4	0.27	51	0.6	19.7	107	182
STD OXC129	Standard	<0.1	0.29	1.37	16.4	0.8	<0.05	24.8	5.02	25.1	<0.02	<1	0.8	2.4	<10	<2
STD OXD108	Standard															
STD OXI121	Standard															
STD OXD108 Expected																
STD OXI121 Expected																
STD DS10 Expected		0.08	0.06	1.62	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
STD OXC129 Expected			0.24	1.4		0.7		21	4.7	23.7			0.8	2.22		
BLK	Blank															
BLK	Blank															
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
Prep Wash																
ROCK-WHI	Prep Blank	0.1	0.21	0.45	3.4	1.8	<0.05	5.1	8.79	14.1	<0.02	<1	0.3	2.7	<10	<2

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Client: **Cathro Resources Corp.**
2560 Telford Place
Kamloops BC V1S 0A3 CANADA

Submitted By: Mike Cathro
Receiving Lab: Canada-Whitehorse
Received: August 26, 2015
Report Date: September 14, 2015
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI15000169.1

CLIENT JOB INFORMATION

Project: Florence
Shipment ID:
P.O. Number
Number of Samples: 35

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	35	Dry at 60C			WHI
SS80	35	Dry at 60C sieve 100g to -80 mesh			WHI
FA330-Au	35	Fire assay fusion Au by ICP-ES	30	Completed	VAN
AQ251_EXT	32	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Cathro Resources Corp.
2560 Telford Place
Kamloops BC V1S 0A3
CANADA

CC: Don Coolidge
Adam Travis

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Cathro Resources Corp.**
2560 Telford Place
Kamloops BC V1S 0A3 CANADA

Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000169.1

	Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
DFH001	Humus	10	9.70	37.70	3.00	15.5	69	9.5	3.8	9474	0.60	1.9	0.3	1.2	0.1	118.4	0.32	0.16	0.03	17	2.91
DFH002	Humus	2	0.25	7.18	0.80	11.2	20	2.1	1.3	129	0.30	0.4	<0.1	<0.2	<0.1	57.2	0.19	0.06	<0.02	8	1.12
DFH003	Humus	3	0.52	17.20	2.74	31.4	108	5.5	6.3	1206	0.57	0.4	0.1	0.5	<0.1	46.9	0.66	0.09	0.04	15	0.78
MFH001	Humus	2	0.27	28.64	2.07	16.1	140	5.0	2.6	57	0.70	0.9	0.4	0.6	<0.1	28.1	0.12	0.11	0.03	17	0.28
MFH002	Humus	5	0.32	29.46	1.76	15.8	137	6.5	2.0	35	0.61	0.5	0.3	2.4	<0.1	40.6	0.61	0.12	0.03	16	0.52
MFH003	Humus	6	0.75	34.07	8.34	30.0	241	13.3	6.1	432	0.97	1.6	3.3	2.6	<0.1	66.3	1.85	0.23	0.08	17	0.33
MFH004	Humus	11	0.77	18.67	20.58	59.8	301	13.2	13.7	688	2.02	5.9	1.8	5.7	0.6	89.3	1.60	0.50	0.12	40	0.42
MFH005	Humus	3	0.56	14.58	4.10	20.7	183	6.3	3.1	213	0.92	1.6	1.1	2.7	<0.1	44.5	0.29	0.12	0.06	20	0.24
MFH006	Humus	11	0.66	13.26	6.22	22.5	214	4.9	4.2	241	1.24	1.6	1.2	3.9	<0.1	61.1	1.00	0.13	0.03	32	0.28
MFH007	Humus	9	3.48	41.42	5.21	18.5	253	11.2	14.6	1265	8.11	7.3	1.3	2.3	<0.1	74.6	0.35	0.27	0.07	83	0.36
MFH008	Humus	6	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH009	Humus	16	0.46	14.68	3.25	56.0	79	7.2	6.6	2146	0.29	0.7	0.3	0.5	<0.1	115.8	1.03	0.11	<0.02	5	0.97
MFH010	Humus	11	0.77	55.12	2.47	5.9	58	5.9	1.9	34	1.83	4.0	2.6	1.1	<0.1	42.4	0.15	0.18	0.07	46	0.29
MFH011	Humus	5	7.19	28.82	2.52	37.5	150	6.5	14.6	1640	11.65	10.7	0.8	2.2	<0.1	54.8	0.18	0.31	0.12	320	0.37
MFH012	Humus	8	0.90	23.78	1.95	31.3	162	8.6	6.0	529	2.24	2.1	1.9	3.7	<0.1	130.4	0.32	0.15	<0.02	13	1.06
MFH013	Humus	6	1.46	38.89	2.05	14.8	169	14.2	16.4	3021	3.58	9.3	4.5	3.9	0.5	264.7	0.78	0.45	0.03	22	2.26
MFH014	Humus	5	1.21	29.27	1.60	30.5	75	13.2	38.6	3808	6.33	10.9	1.8	3.3	0.2	317.1	0.38	0.27	<0.02	25	2.73
MFH015	Humus	10	1.21	41.04	3.23	76.3	195	14.4	29.9	3418	6.20	18.5	1.9	4.8	0.7	265.8	0.96	0.35	0.03	46	2.28
MFH016	Humus	9	0.34	7.83	1.34	13.0	283	5.1	3.1	336	0.41	0.7	<0.1	1.4	<0.1	64.7	0.57	0.04	<0.02	11	0.73
MFH017	Humus	5	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH018	Humus	4	0.14	15.73	0.98	16.2	36	3.3	2.4	237	0.41	0.8	0.2	1.5	0.1	91.8	0.19	0.11	<0.02	11	1.71
MFH019	Humus	9	0.40	15.81	3.03	9.7	223	3.0	1.3	34	0.47	0.2	0.3	2.4	<0.1	21.5	0.18	0.04	<0.02	7	0.17
MFH020	Humus	6	0.43	30.43	3.40	29.9	92	12.1	7.4	374	1.46	3.6	0.5	2.2	0.6	48.3	0.10	0.18	0.04	37	0.61
MFH021	Humus	5	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH022	Humus	32	0.62	34.85	1.10	30.8	137	7.6	2.5	234	0.41	1.2	0.2	31.5	<0.1	136.1	0.44	0.37	<0.02	6	2.23
MFH023	Humus	5	0.81	32.07	1.79	23.6	103	6.1	5.9	1058	0.56	0.9	0.2	1.8	<0.1	86.9	0.38	0.33	<0.02	14	1.28
MFH024	Humus	4	0.30	23.76	1.80	34.2	101	5.8	2.6	231	0.54	1.3	0.2	1.9	<0.1	85.6	0.44	0.24	<0.02	11	1.35
MFH025	Humus	4	3.60	116.09	1.62	437.0	182	34.6	55.5	>10000	3.06	6.0	0.8	1.4	<0.1	121.1	1.79	0.37	0.05	36	1.93
MFH026	Humus	10	0.57	17.09	4.13	17.1	225	5.1	2.0	46	0.58	1.0	0.2	4.5	<0.1	30.5	0.30	0.09	<0.02	10	0.28
MFH027	Humus	9	0.55	10.75	1.12	11.0	33	4.7	2.8	115	0.39	1.4	0.1	4.5	0.2	46.9	0.28	0.19	<0.02	10	1.32

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000169.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
DFH001	Humus	0.105	2.2	5.9	0.17	417.7	0.015	7	0.39	0.019	0.02	<0.1	1.5	0.07	0.23	77	1.0	0.06	1.6	0.18	<0.1
DFH002	Humus	0.030	0.9	3.0	0.12	36.2	0.021	2	0.18	0.030	0.02	<0.1	0.7	<0.02	0.06	42	0.1	<0.02	0.8	0.15	<0.1
DFH003	Humus	0.053	2.7	5.9	0.17	73.6	0.012	2	0.43	0.033	0.04	<0.1	0.5	0.03	0.05	39	<0.1	<0.02	1.7	0.30	<0.1
MFH001	Humus	0.050	4.6	5.6	0.08	79.2	0.007	2	0.34	0.025	0.03	<0.1	0.4	0.03	0.04	69	0.1	<0.02	1.5	0.34	<0.1
MFH002	Humus	0.042	3.3	5.1	0.10	58.1	0.015	2	0.32	0.024	0.03	<0.1	0.6	0.02	0.06	53	0.1	<0.02	1.3	0.24	<0.1
MFH003	Humus	0.114	41.6	10.6	0.14	232.3	0.013	4	0.94	0.018	0.05	<0.1	0.7	0.08	0.11	152	0.3	<0.02	2.2	0.52	<0.1
MFH004	Humus	0.130	39.3	20.0	0.34	276.1	0.061	6	1.54	0.013	0.14	0.1	3.2	0.19	0.11	139	0.2	0.05	4.8	1.77	<0.1
MFH005	Humus	0.088	17.2	10.7	0.13	140.5	0.025	3	0.75	0.029	0.04	<0.1	0.8	0.06	0.07	61	<0.1	0.02	2.3	0.54	<0.1
MFH006	Humus	0.102	24.9	7.0	0.09	202.5	0.027	5	0.58	0.016	0.05	<0.1	1.2	0.07	0.12	93	0.2	<0.02	2.1	0.38	<0.1
MFH007	Humus	0.160	34.2	11.3	0.07	292.5	0.013	7	0.86	0.007	0.03	0.1	1.5	0.07	0.18	139	0.5	<0.02	2.4	0.27	<0.1
MFH008	Humus	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH009	Humus	0.141	34.7	3.6	0.10	276.2	0.010	6	0.33	0.009	0.05	<0.1	1.1	0.06	0.16	215	0.1	<0.02	0.7	0.25	<0.1
MFH010	Humus	0.133	21.9	8.9	0.06	132.0	0.025	3	0.77	0.013	0.02	<0.1	1.3	0.14	0.17	106	0.3	<0.02	1.7	0.18	<0.1
MFH011	Humus	0.155	9.8	8.3	0.05	168.4	0.017	6	0.58	0.007	0.01	0.2	0.6	0.07	0.18	93	0.4	0.05	4.5	0.18	0.2
MFH012	Humus	0.202	14.1	7.1	0.09	307.3	0.009	8	0.56	0.008	0.02	<0.1	0.9	0.14	0.25	155	0.5	<0.02	0.7	0.20	<0.1
MFH013	Humus	0.156	19.2	13.5	0.19	320.0	0.016	13	0.64	0.018	0.02	<0.1	1.9	0.11	0.23	108	1.1	0.04	1.7	0.40	<0.1
MFH014	Humus	0.155	7.2	6.0	0.17	428.2	0.006	13	0.22	0.012	0.02	<0.1	1.3	0.10	0.25	106	0.5	<0.02	0.7	0.12	0.1
MFH015	Humus	0.122	22.6	13.5	0.31	445.1	0.026	8	0.78	0.019	0.07	<0.1	2.5	0.16	0.16	159	0.7	0.03	2.2	0.53	<0.1
MFH016	Humus	0.082	1.5	4.4	0.19	86.9	0.020	5	0.22	0.019	0.06	<0.1	0.6	0.03	0.10	151	0.3	<0.02	1.2	0.54	<0.1
MFH017	Humus	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH018	Humus	0.074	2.1	4.6	0.18	85.7	0.024	5	0.29	0.042	0.02	<0.1	0.7	0.03	0.09	41	0.4	<0.02	1.1	0.20	<0.1
MFH019	Humus	0.062	3.6	5.1	0.04	74.3	0.007	3	0.25	0.023	0.04	<0.1	0.4	0.02	0.04	77	<0.1	<0.02	0.9	0.23	<0.1
MFH020	Humus	0.083	6.9	20.5	0.38	121.4	0.064	4	1.03	0.023	0.05	<0.1	2.9	0.07	0.04	72	0.2	<0.02	3.4	1.02	<0.1
MFH021	Humus	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH022	Humus	0.117	2.6	4.3	0.18	169.2	0.012	7	0.47	0.015	0.03	<0.1	0.7	0.04	0.22	108	0.4	<0.02	0.9	0.22	<0.1
MFH023	Humus	0.113	3.4	5.2	0.12	161.6	0.021	10	0.42	0.027	0.03	<0.1	0.7	0.06	0.15	88	0.4	<0.02	1.1	0.18	<0.1
MFH024	Humus	0.071	3.2	5.7	0.14	132.2	0.025	5	0.43	0.027	0.04	<0.1	0.8	0.03	0.11	64	0.2	<0.02	1.2	0.28	<0.1
MFH025	Humus	0.194	5.4	10.3	0.17	1317.6	0.015	7	1.21	0.016	0.02	<0.1	0.9	0.27	0.24	83	0.9	0.05	3.0	0.19	0.1
MFH026	Humus	0.090	4.4	7.8	0.07	93.0	0.009	3	0.44	0.016	0.05	<0.1	0.4	0.02	0.07	100	0.2	<0.02	1.3	0.30	<0.1
MFH027	Humus	0.067	1.8	6.5	0.17	22.8	0.017	5	0.25	0.013	0.05	<0.1	1.2	0.02	0.13	115	0.2	<0.02	1.0	0.27	<0.1

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000169.1

Method		AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
DFH001	Humus	<0.02	0.20	1.6	1.2	<0.05	1.5	1.24	5.5	<0.02	<1	<0.1	0.9	<10	3
DFH002	Humus	0.02	0.19	1.2	0.1	<0.05	0.9	0.49	1.9	<0.02	2	0.1	0.5	<10	<2
DFH003	Humus	<0.02	0.20	4.4	0.6	<0.05	0.1	1.11	7.0	<0.02	<1	0.1	1.0	<10	<2
MFH001	Humus	<0.02	0.10	3.3	0.4	<0.05	<0.1	2.42	8.7	<0.02	2	0.1	0.6	<10	<2
MFH002	Humus	<0.02	0.19	2.4	0.4	<0.05	0.2	2.15	6.6	<0.02	<1	0.2	0.5	<10	2
MFH003	Humus	<0.02	0.43	7.2	1.0	<0.05	0.3	25.14	70.5	<0.02	<1	1.1	2.7	<10	<2
MFH004	Humus	<0.02	0.95	17.0	1.1	<0.05	1.0	21.25	67.1	<0.02	<1	0.5	9.8	<10	<2
MFH005	Humus	<0.02	0.21	5.9	1.0	<0.05	0.3	11.42	33.7	<0.02	<1	0.6	3.4	<10	<2
MFH006	Humus	<0.02	0.24	4.0	1.6	<0.05	0.4	17.60	47.9	<0.02	<1	0.2	1.2	<10	<2
MFH007	Humus	<0.02	0.27	2.1	2.2	<0.05	0.2	23.64	69.7	<0.02	<1	0.5	0.9	<10	<2
MFH008	Humus	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH009	Humus	<0.02	0.09	3.2	0.2	<0.05	0.4	27.21	51.9	<0.02	<1	0.2	0.5	<10	<2
MFH010	Humus	<0.02	0.38	1.5	0.8	<0.05	0.6	24.01	32.7	<0.02	<1	0.2	0.8	<10	<2
MFH011	Humus	<0.02	0.34	1.4	0.2	<0.05	0.2	10.94	19.8	<0.02	2	<0.1	0.5	<10	<2
MFH012	Humus	<0.02	0.22	1.8	0.7	<0.05	0.2	16.89	23.1	<0.02	<1	0.3	0.7	<10	<2
MFH013	Humus	0.03	0.34	2.4	0.3	<0.05	1.8	18.81	19.8	<0.02	2	0.3	3.9	<10	<2
MFH014	Humus	0.02	0.16	0.8	0.8	<0.05	0.9	9.85	9.2	<0.02	<1	0.2	0.9	<10	<2
MFH015	Humus	<0.02	0.39	6.8	0.9	<0.05	0.8	15.50	29.6	<0.02	1	0.4	6.1	<10	<2
MFH016	Humus	<0.02	0.20	3.2	0.1	<0.05	0.5	0.87	2.6	<0.02	<1	<0.1	0.6	<10	<2
MFH017	Humus	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH018	Humus	0.04	0.29	1.9	0.1	<0.05	1.6	1.14	4.5	<0.02	<1	<0.1	0.6	<10	<2
MFH019	Humus	<0.02	0.07	2.0	0.9	<0.05	<0.1	1.59	6.4	<0.02	<1	<0.1	0.3	<10	<2
MFH020	Humus	<0.02	0.51	8.6	0.6	<0.05	0.6	3.99	14.2	<0.02	<1	0.2	5.1	<10	<2
MFH021	Humus	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
MFH022	Humus	0.04	0.22	2.0	0.3	<0.05	1.9	2.03	5.0	<0.02	<1	<0.1	0.5	<10	<2
MFH023	Humus	<0.02	0.21	1.9	0.4	<0.05	0.6	2.55	6.7	<0.02	1	0.2	0.6	<10	<2
MFH024	Humus	0.02	0.33	3.3	0.4	<0.05	0.7	2.14	6.3	<0.02	<1	0.2	0.6	<10	<2
MFH025	Humus	0.03	0.28	1.4	0.3	<0.05	1.1	4.49	12.4	<0.02	1	0.2	1.8	<10	2
MFH026	Humus	<0.02	0.08	2.1	1.2	<0.05	<0.1	1.99	9.3	<0.02	<1	0.2	0.7	<10	<2
MFH027	Humus	0.03	0.21	1.8	0.2	<0.05	1.3	1.25	3.6	<0.02	<1	<0.1	0.8	<10	<2

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Project: Florence
Report Date: September 14, 2015

CERTIFICATE OF ANALYSIS WHI15000169.1

	Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
MFH028	Humus	4	1.17	27.08	1.34	40.4	49	8.6	12.9	3270	1.26	2.2	0.4	1.6	<0.1	77.1	0.42	0.14	0.03	15	1.62
MFH029	Humus	7	0.83	74.93	1.79	20.3	92	6.8	2.4	403	0.39	0.7	0.4	2.4	0.1	119.8	0.21	0.36	<0.02	9	2.35
MFH030	Humus	5	4.17	66.38	0.40	138.9	67	41.7	82.4	>10000	1.57	3.3	0.2	2.0	0.3	146.2	1.64	0.32	<0.02	10	2.45
MFH031	Humus	5	2.48	48.56	2.89	70.6	34	12.4	12.4	4494	1.30	2.5	0.2	0.4	<0.1	113.6	0.42	0.19	0.03	29	1.91
MFH032	Humus	12	0.49	101.97	3.38	22.9	176	14.5	2.9	259	1.03	4.5	12.7	3.3	0.7	252.6	0.11	0.67	0.04	16	2.27

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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
MFH028	Humus	0.122	3.2	6.4	0.21	186.0	0.016	5	0.54	0.034	0.02	<0.1	0.5	0.06	0.16	55	0.4	0.03	1.6	0.19	<0.1
MFH029	Humus	0.078	4.4	4.4	0.16	118.9	0.013	10	0.37	0.013	0.02	<0.1	1.1	0.08	0.24	112	0.5	<0.02	0.7	0.10	<0.1
MFH030	Humus	0.156	9.9	6.7	0.20	517.8	0.005	11	0.55	0.008	0.03	<0.1	1.9	0.15	0.19	157	0.7	0.04	2.1	0.14	<0.1
MFH031	Humus	0.135	3.5	7.7	0.11	318.1	0.020	7	0.62	0.024	0.02	<0.1	0.9	0.09	0.23	74	0.6	0.04	2.3	0.23	<0.1
MFH032	Humus	0.112	76.3	21.8	0.26	159.4	0.024	9	1.03	0.016	0.09	<0.1	4.5	0.08	0.18	182	1.3	0.03	2.5	0.44	<0.1

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	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
MFH028	Humus	<0.02	0.30	1.2	0.2	<0.05	0.6	1.94	7.5	<0.02	<1	0.1	1.4	<10	<2
MFH029	Humus	0.04	0.20	1.0	0.9	<0.05	2.3	4.01	4.7	<0.02	4	<0.1	0.2	<10	<2
MFH030	Humus	0.04	0.11	1.4	<0.1	<0.05	2.2	10.59	21.0	<0.02	2	0.3	0.5	<10	<2
MFH031	Humus	<0.02	0.31	1.4	0.7	<0.05	0.7	2.20	8.6	<0.02	1	0.2	0.7	<10	<2
MFH032	Humus	0.03	0.42	4.8	0.7	<0.05	2.4	74.52	43.2	<0.02	7	0.8	9.6	<10	<2

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Project: Florence
Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000169.1

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																						
MFH016	Humus		9	0.34	7.83	1.34	13.0	283	5.1	3.1	336	0.41	0.7	<0.1	1.4	<0.1	64.7	0.57	0.04	<0.02	11	0.73
REP MFH016	QC		8																			
MFH025	Humus		4	3.60	116.09	1.62	437.0	182	34.6	55.5	>10000	3.06	6.0	0.8	1.4	<0.1	121.1	1.79	0.37	0.05	36	1.93
REP MFH025	QC			3.52	113.53	1.64	427.8	186	35.0	56.4	>10000	3.03	6.5	0.8	1.4	<0.1	124.7	1.72	0.36	0.04	36	1.92
Reference Materials																						
STD DS10	Standard			14.30	150.15	147.99	360.6	1923	69.9	12.4	821	2.67	46.3	2.7	102.0	7.7	65.1	2.81	9.89	12.96	41	1.06
STD DS10	Standard			14.99	155.67	150.61	368.3	1954	72.5	12.4	863	2.75	44.6	2.7	71.4	7.6	68.4	2.32	9.04	12.24	45	1.09
STD OXA71	Standard		84																			
STD OXA71	Standard		83																			
STD OXA71	Standard		83																			
STD OXA71	Standard		85																			
STD OXC129	Standard			1.26	27.28	6.48	40.7	15	73.8	19.4	430	2.89	0.4	0.7	201.2	1.9	180.0	<0.01	<0.02	<0.02	48	0.60
STD OXC129	Standard			1.39	29.31	6.57	44.7	23	80.3	20.7	420	3.06	0.4	0.7	195.7	2.0	202.1	0.02	0.05	<0.02	54	0.73
STD OXA71 Expected			84.9																			
STD DS10 Expected				14.69	154.61	150.55	370	2020	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625
STD OXC129 Expected				1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665
BLK	Blank		<2																			
BLK	Blank		<2																			
BLK	Blank		<2																			
BLK	Blank		<2																			
BLK	Blank			<0.01	<0.01	<0.01	<0.1	2	<0.1	<0.1	4	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank			<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01

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Project: Florence
Report Date: September 14, 2015

QUALITY CONTROL REPORT WHI15000169.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1
Pulp Duplicates																					
MFH016	Humus	0.082	1.5	4.4	0.19	86.9	0.020	5	0.22	0.019	0.06	<0.1	0.6	0.03	0.10	151	0.3	<0.02	1.2	0.54	<0.1
REP MFH016	QC																				
MFH025	Humus	0.194	5.4	10.3	0.17	1317.6	0.015	7	1.21	0.016	0.02	<0.1	0.9	0.27	0.24	83	0.9	0.05	3.0	0.19	0.1
REP MFH025	QC	0.191	5.3	10.0	0.17	1303.6	0.015	7	1.20	0.016	0.02	<0.1	1.0	0.25	0.24	80	0.8	0.07	3.1	0.20	0.1
Reference Materials																					
STD DS10	Standard	0.078	17.9	54.6	0.75	347.0	0.081	8	0.99	0.065	0.33	3.4	2.8	5.11	0.27	304	2.2	4.92	4.5	2.84	<0.1
STD DS10	Standard	0.074	18.5	56.5	0.78	345.0	0.084	7	1.10	0.070	0.34	3.5	3.0	5.08	0.29	237	2.0	5.29	4.3	2.69	0.2
STD OXA71	Standard																				
STD OXA71	Standard																				
STD OXA71	Standard																				
STD OXA71	Standard																				
STD OXC129	Standard	0.110	12.5	48.2	1.46	47.1	0.365	1	1.46	0.555	0.34	<0.1	0.7	0.03	<0.02	<5	<0.1	<0.02	5.0	0.15	<0.1
STD OXC129	Standard	0.102	12.7	54.7	1.62	50.7	0.425	1	1.64	0.606	0.36	<0.1	1.6	0.04	<0.02	<5	<0.1	<0.02	5.5	0.16	<0.1
STD OXA71 Expected																					
STD DS10 Expected		0.073	17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	2.8	5.1	0.29	300	2.3	5.01	4.3	2.63	0.08
STD OXC129 Expected		0.102	13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6	0.16	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<0.1

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QUALITY CONTROL REPORT WHI15000169.1

	Method	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates															
MFH016	Humus	<0.02	0.20	3.2	0.1	<0.05	0.5	0.87	2.6	<0.02	<1	<0.1	0.6	<10	<2
REP MFH016	QC														
MFH025	Humus	0.03	0.28	1.4	0.3	<0.05	1.1	4.49	12.4	<0.02	1	0.2	1.8	<10	2
REP MFH025	QC	0.02	0.25	1.4	0.3	<0.05	0.8	4.60	12.3	<0.02	<1	0.4	1.6	<10	<2
Reference Materials															
STD DS10	Standard	0.05	1.78	29.1	1.8	<0.05	2.5	7.87	37.1	0.24	52	0.7	19.9	98	184
STD DS10	Standard	0.07	1.85	27.7	1.7	<0.05	2.8	8.22	37.6	0.28	46	0.6	18.4	101	160
STD OXA71	Standard														
STD OXA71	Standard														
STD OXA71	Standard														
STD OXA71	Standard														
STD OXC129	Standard	0.23	1.64	14.9	0.7	<0.05	18.8	4.42	23.4	<0.02	<1	0.9	2.0	<10	<2
STD OXC129	Standard	0.18	1.16	15.2	0.7	<0.05	17.1	5.00	24.7	<0.02	2	0.9	2.3	<10	<2
STD OXA71 Expected															
STD DS10 Expected		0.06	1.62	27.7	1.6		2.8	7.77	37	0.23	50	0.63	19.4	110	191
STD OXC129 Expected		0.24	1.4		0.7		21	4.7	23.7			0.8	2.22		
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank														
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	<0.1	<0.02	1	<0.1	<0.1	<10	<2

FLORENCE PROJECT
2015 WORK PROGRAM
SAMPLE LOCATION MAP

Carmacks Area, Whitehorse Mining District, Yukon
Maps:115H/15&16 Datum:NAD83 UTM 8 Date:2016-01-31

N

405000 410000 415000 420000 425000 430000

6865000 6860000 6855000 6850000

LSC R-2B

Tenure Legend

Quartz Claims
- Active
- Expired

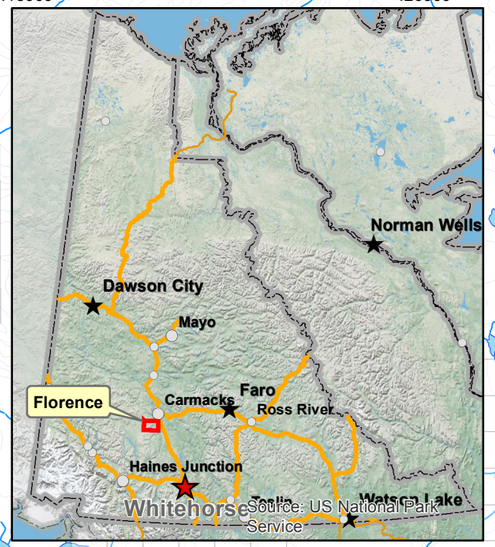
Placer Claims
- Active
- Expired

First Nation Settlement Lands (Surveyed)
- Category B

Legend

2015 Samples by Type
- Rock
- Silt
- Soil
- Humus

Minfile (By Type)
- Showing
- Unknown



115H15

MFS012 MFS010 MFS008 MFS006 MFH003 MFS014 MFS011 BUFFALO MOUNTAIN MFH004 MFH005 MFH006 MFS013 MFS009 MFS007 MFS004 MFH007 MFS015 MFS005 MFS016 MFS018 MFS019 MFS020 MFS021 MFS022 MFS023 MFS024 MFS025 MFS026 MFS027 MFS028 MFS029 MFS030 MFS031 MFS033 MFH012 MFS032 MFH009 MFH013 MFH014 MFH010 MFH011 MFH015 MFS034

DFS025 DFS024 DFS023 DFS022 DFS021 DFS020 DFS019 DFS018 DFS017 DFS016 DFS015 DFS014 DFS013 DFS012 DFS011 DFS010 DFS009 DFS008 DFS007 DFL001 DFS006 DFS005 DFS004 DFS003 DFS002 DFS001 AFS001 AFS002 AFS003 AFS004 AFS005 AFS006 AFS007 AFS008 AFS009 AFS010 AFS011 AFS012 AFS013 AFS014 AFS015 AFS016 AFS017 AFS018 AFS019 AFS020 AFS021 AFS022 AFS023 AFS024 AFS025 AFS026 AFS027 AFS028 AFS029 AFS030 AFS031 AFS032 AFS033

BUFF

LSC R-22B

TAHTE

LSC R-7B

LSC S-272B1

LSC S-227B1

Little Buffalo Lake

115H16

DFS036 DFS037 DFS038 DFS039 DFH001 DFS033 DFH002 DFH003 DFS031 DFS035 DFS027 DFS029 DFS034 DFS026 DFS028 DFS030 DFS032

MFR001 MFR002 MFR003 MFR004 MFS003 DFR001

MFS002 MFH002 MFS001 MFH001 MFL001

PEETEE

MFH031 MFH030 MFS040 MFH029 MFS039 MFH028 MFH027 MFH026 MFS038 MFH025 MES037 MFH024 MFH023 MFS036 MFH022 MFH020 MFH019 MFS035 MFH018 MFH016

AFS052 AFS051 AFL005 AFS050 AFS049 AFS048 AFS047 AFS046 AFS045 AFL004 AFS044 AFS043 AFS042 AFS041 AFS040 AFS039 AFL003 AFS038 AFS037 AFS036 AFS035 AFS034

0 1 2 3 4 5 6 7 8 9 10

Scale: 1:75,000

FLORENCE PROJECT
2015 WORK PROGRAM
Au (ppb) Fire Assay by Type

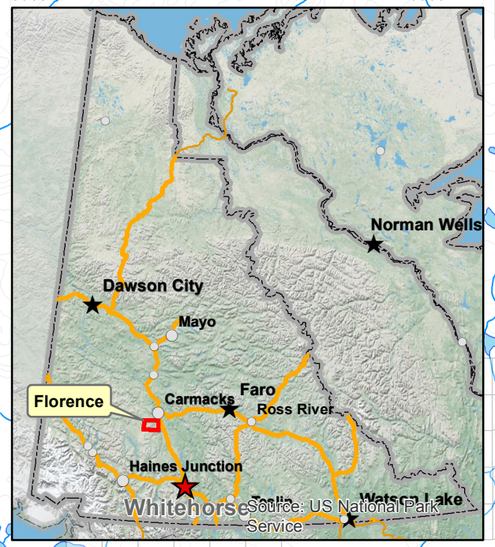
Carmacks Area, Whitehorse Mining District, Yukon
Maps:115H/15&16 Datum:NAD83 UTM 9 Date:2016-01-31

LSC R-2B

N

405000 410000 415000 420000 425000 430000

6865000 6860000 6855000 6850000



Tenure Legend

Quartz Claims
- Active
- Expired

Placer Claims
- Active
- Expired

First Nation Settlement Lands (Surveyed)
- Category B

Assay Legend

Au (ppb) FA in Rock
- <2 ppb
- 2 - 10 ppb
- 10 - 20 ppb
- >20 ppb

Au (ppb) FA in Silt
- <2 ppb
- 2 - 10 ppb
- 10 - 20 ppb
- >20 ppb

Au (ppb) FA in Soils
- <2 ppb
- 2 - 10 ppb
- 10 - 20 ppb
- >20 ppb

Au (ppb) FA in Humus
- <2 ppb
- 2 - 10 ppb
- 10 - 20 ppb
- >20 ppb

BUFFALO MOUNTAIN

LSC R-7B

Little Buffalo Lake

LSC S-272B1

LSC S-227B1

115H15

115H16

LSC R-22B

11 11 11 11 18 16 11

11 11 11

58 11 16 32 12

0 1 2 3 4 5 6 7 8 9 10

Scale: 1:75,000

Claim Data: Yukon Geological Survey - 2016-01-17

FLORENCE PROJECT
2015 WORK PROGRAM
Cu (ppm) by Sample Type

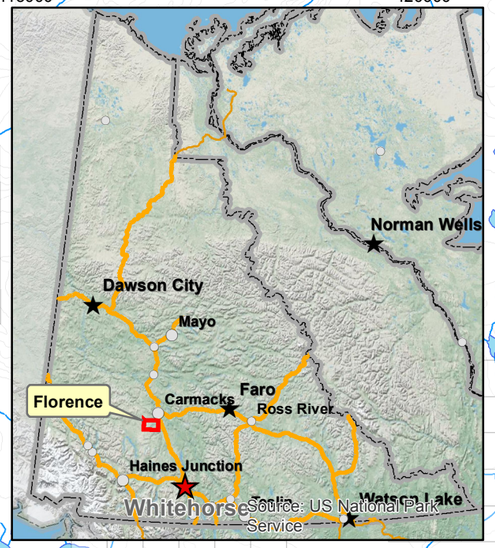
Carmacks Area, Whitehorse Mining District, Yukon
Maps:115H/15&16 Datum:NAD83 UTM 9 Date:2016-01-26

N

405000 410000 415000 420000 425000 430000

6865000 6860000 6855000 6850000

LSC R-2B



Tenure Legend

Quartz Claims
- Active
- Expired

Placer Claims
- Active
- Expired

First Nation Settlement Lands (Surveyed)
- Category B

Geochem Legend

Cu (ppm) in Rock
- < 15 ppm
- 15 - 25 ppm
- 25 - 35 ppm
- > 35 ppm

Cu (ppm) in Silt
- < 15 ppm
- 15 - 25 ppm
- 25 - 35 ppm
- > 35 ppm

Cu (ppm) in Soils
- < 15 ppm
- 15 - 25 ppm
- 25 - 35 ppm
- > 35 ppm

Cu (ppm) in Humus
- < 15 ppm
- 15 - 25 ppm
- 25 - 35 ppm
- > 35 ppm

LSC R-7B
LSC S-272B1
LSC S-227B1
LSC R-22B

115H15
115H16

34.07 41.42 26.62 55.12 28.82 38.89 29.27 41.04
27.09 34.33 25.13 25.94 40.50 26.03 25.91 25.30 52.49
25.51 25.56 37.70
121.55 37.06 52.62 28.64
48.56 66.38 74.93 30.84 27.08 28.81 116.09 60.26 32.07 40.72 34.85 30.43 35.66
32.89 29.60 36.97 44.57 30.01 42.88 35.38 25.47 42.84 29.62 51.16 39.61 25.43

0 1 2 3 4 5 6 7 8 9 10

Scale: 1:75,000

Claim Data: Yukon Geological Survey - 2016-01-17

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Comments
AFL003	Silt	24-Aug-15	430863	6855729	8	869	A Travis	15 cm deep x 2 m wide tributary creek from north side between soils 38 & 39
AFL004	Silt	24-Aug-15	430249	6856809	8	859	A Travis	5 cm x 0.5 m steep small tributary creek flowing in from south side between soils 45&46
AFL005	Silt	24-Aug-15	429541	6857887	8	810	A Travis	5 cm x 1 m seep and small tributary creek on the south side between soils 51&52
DFL001	Silt	23-Aug-15	408218	6857204	8	1176	D.Coolidge	Fine grained material. From W/SW 240 degrees.
MFL001	Silt	22-Aug-15	422991	6854826	8	1059	M. Cathro	silt

	Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au
	Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM	PPM	PPM	%	PPM	PPM	PPB
	MDL	2	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2
Sample	Certificate	Au-FA_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppb	Ni_ppm	Co_ppm	Mn_ppm	Fe_pct	As_ppm	U_ppm	Au_ppb
AFL003	WHI15000167	16	0.47	19.93	4.51	53.8	25	16.7	9.1	1168	2.18	5.2	0.5	5.5
AFL004	WHI15000167	5	0.23	21.44	4.64	28.1	19	11.3	7.1	329	2.00	3.5	0.3	2.7
AFL005	WHI15000167	2	0.32	29.60	3.18	41.0	41	13.4	7.5	540	1.74	5.0	0.6	2.5
DFL001	WHI15000167	2	0.18	17.06	3.96	29.2	41	5.7	3.6	311	0.99	2.6	0.5	2.7
MFL001	WHI15000167	9	0.80	22.90	4.43	107.3	37	16.0	11.2	2007	2.84	8.4	0.7	4.4

	AQ251 Th PPM 0.1	AQ251 Sr PPM 0.5	AQ251 Cd PPM 0.01	AQ251 Sb PPM 0.02	AQ251 Bi PPM 0.02	AQ251 V PPM 2	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La PPM 0.5	AQ251 Cr PPM 0.5	AQ251 Mg % 0.01	AQ251 Ba PPM 0.5	AQ251 Ti % 0.001	AQ251 B PPM 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01
Sample	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**	**Al_pct**	**Na_pct**	**K_pct**
AFL003	1.1	55.6	0.05	0.20	0.03	61	0.91	0.094	7.1	25.9	0.53	94.7	0.077	2	0.92	0.017	0.06
AFL004	1.5	44.0	0.04	0.14	0.02	62	0.88	0.097	8.6	18.3	0.49	42.4	0.083	2	0.80	0.013	0.06
AFL005	1.5	44.0	0.06	0.14	0.04	46	0.75	0.075	10.0	18.5	0.50	88.5	0.070	1	0.97	0.022	0.09
DFL001	0.8	27.8	0.09	0.14	0.05	29	0.37	0.077	8.6	9.6	0.19	83.8	0.054	<1	0.62	0.015	0.03
MFL001	0.7	54.5	0.27	0.22	0.05	61	0.92	0.083	8.2	19.1	0.44	151.3	0.054	4	0.96	0.020	0.06

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05
Sample	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**
AFL003	<0.1	3.5	0.05	0.04	20	<0.1	0.03	3.4	0.67	0.1	0.04	0.45	8.1	2.2	<0.05
AFL004	<0.1	3.0	0.04	<0.02	9	0.1	0.03	2.7	0.36	<0.1	0.04	0.40	4.8	2.9	<0.05
AFL005	<0.1	3.9	0.08	0.03	34	0.1	<0.02	3.3	0.73	<0.1	0.06	0.49	11.3	0.5	<0.05
DFL001	<0.1	2.1	0.04	0.04	36	0.1	<0.02	2.1	0.40	<0.1	<0.02	0.38	2.8	1.6	<0.05
MFL001	0.2	3.2	0.07	0.09	56	0.4	0.03	3.1	0.61	<0.1	<0.02	0.40	7.2	2.6	<0.05

	AQ251 Zr PPM 0.1	AQ251 Y PPM 0.01	AQ251 Ce PPM 0.1	AQ251 In PPM 0.02	AQ251 Re PPB 1	AQ251 Be PPM 0.1	AQ251 Li PPM 0.1	AQ251 Pd PPB 10	AQ251 Pt PPB 2
Sample	**Zr_ppm**	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
AFL003	1.4	4.17	14.2	0.02	<1	0.1	4.7	<10	<2
AFL004	2.2	4.23	16.4	<0.02	<1	0.1	3.4	<10	2
AFL005	1.9	5.47	18.5	<0.02	2	0.2	5.2	<10	<2
DFL001	0.7	5.67	17.6	<0.02	<1	0.2	3.3	<10	<2
MFL001	0.8	5.68	15.6	<0.02	<1	0.2	5.0	<10	<2

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler
DFR001	Rock	22-Aug-15	422479	6856354	8	962	D. Coolidge
MFR001	Rock	22-Aug-15	422310	6856570	8	939	M. Cathro
MFR002	Rock	22-Aug-15	422300	6856562	8	939	M. Cathro
MFR003	Rock	22-Aug-15	422426	6856407	8	964	M. Cathro
MFR004	Rock	22-Aug-15	422449	6856491	8	953	M. Cathro

			Method	FA330	AQ251
			Analyte	Au	Mo
			Unit	PPB	PPM
			MDL	2	0.01
Sample	**Comments**	**Certificate**	**Wgt_Kg**	**Au-FA_ppb**	**Mo_ppm**
DFR001	Float, dark, fine grained with white feldspar. Weakly foliated with planer face. 0.5% Py.	WHI15000168	1.31	3	0.54
MFR001	Float on gravel bar; orange weathering brecciated granite; sub-angular	WHI15000168	1.20	5	0.84
MFR002	Float on gravel bar; quartz or siliceous fine-grained dyke rock; sub-rounded; fine grained	WHI15000168	0.87	<2	0.20
MFR003	Float boulder 40 x 40 cm; orange weathering siliceous breccia with trace py	WHI15000168	0.95	<2	0.14
MFR004	Float boulder 20 cm; bull quartz with trace FeOx	WHI15000168	0.96	<2	0.19

	AQ251 Cu PPM 0.01	AQ251 Pb PPM 0.01	AQ251 Zn PPM 0.1	AQ251 Ag PPB 2	AQ251 Ni PPM 0.1	AQ251 Co PPM 0.1	AQ251 Mn PPM 1	AQ251 Fe % 0.01	AQ251 As PPM 0.1	AQ251 U PPM 0.1	AQ251 Au PPB 0.2	AQ251 Th PPM 0.1	AQ251 Sr PPM 0.5	AQ251 Cd PPM 0.01
Sample	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**
DFR001	121.55	2.49	55.2	119	2.8	16.5	759	3.29	0.5	0.1	1.2	0.3	55.3	0.08
MFR001	9.81	16.98	91.6	127	2.0	4.3	861	1.81	2.2	0.5	3.1	4.9	61.4	0.81
MFR002	1.53	6.31	15.5	83	0.8	0.7	360	0.58	2.2	1.5	0.7	3.5	20.7	0.04
MFR003	1.25	4.85	32.2	33	0.9	1.7	590	0.98	1.0	0.3	<0.2	2.7	43.9	0.69
MFR004	6.19	1.66	3.8	32	0.9	0.6	83	0.49	0.8	<0.1	1.0	0.1	9.5	<0.01

	AQ251 Sb PPM 0.02	AQ251 Bi PPM 0.02	AQ251 V PPM 2	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La PPM 0.5	AQ251 Cr PPM 0.5	AQ251 Mg % 0.01	AQ251 Ba PPM 0.5	AQ251 Ti % 0.001	AQ251 B PPM 1	AQ251 Al % 0.01	AQ251 Na % 0.001	AQ251 K % 0.01	AQ251 W PPM 0.1
Sample	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**
DFR001	0.06	0.14	118	1.60	0.185	2.6	1.8	0.82	100.2	0.150	<1	1.42	0.171	0.45	0.1
MFR001	0.13	0.20	33	1.78	0.047	19.2	3.2	0.51	141.1	0.020	1	0.45	0.036	0.17	<0.1
MFR002	0.12	0.11	3	0.85	0.005	10.4	1.2	0.09	44.6	0.001	<1	0.18	0.051	0.11	<0.1
MFR003	0.05	0.06	7	2.02	0.002	11.2	1.5	0.59	35.9	0.004	<1	0.17	0.055	0.11	<0.1
MFR004	0.04	0.06	11	0.14	0.058	4.9	2.3	<0.01	7.6	0.003	<1	0.04	0.003	<0.01	0.1

	AQ251 Sc PPM 0.1	AQ251 Tl PPM 0.02	AQ251 S % 0.02	AQ251 Hg PPB 5	AQ251 Se PPM 0.1	AQ251 Te PPM 0.02	AQ251 Ga PPM 0.1	AQ251 Cs PPM 0.02	AQ251 Ge PPM 0.1	AQ251 Hf PPM 0.02	AQ251 Nb PPM 0.02	AQ251 Rb PPM 0.1	AQ251 Sn PPM 0.1	AQ251 Ta PPM 0.05
Sample	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**
DFR001	4.6	0.04	0.07	10	<0.1	0.05	5.2	0.36	0.1	0.08	<0.02	11.1	0.7	<0.05
MFR001	4.1	0.07	0.04	29	<0.1	0.02	2.1	1.90	<0.1	0.06	0.06	11.3	2.7	<0.05
MFR002	0.7	0.03	<0.02	15	<0.1	<0.02	0.6	0.14	<0.1	0.50	0.14	5.3	0.8	<0.05
MFR003	1.3	0.03	<0.02	7	<0.1	<0.02	0.9	0.19	<0.1	0.11	0.16	5.1	0.8	<0.05
MFR004	0.3	<0.02	<0.02	<5	<0.1	0.02	0.3	<0.02	<0.1	<0.02	0.06	0.3	0.7	<0.05

	AQ251 Zr PPM 0.1	AQ251 Y PPM 0.01	AQ251 Ce PPM 0.1	AQ251 In PPM 0.02	AQ251 Re PPB 1	AQ251 Be PPM 0.1	AQ251 Li PPM 0.1	AQ251 Pd PPB 10	AQ251 Pt PPB 2
Sample	**Zr_ppm**	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
DFR001	1.6	6.99	5.7	<0.02	<1	0.1	5.9	<10	<2
MFR001	2.0	12.62	38.3	0.03	<1	0.4	3.3	<10	<2
MFR002	10.1	6.93	21.2	<0.02	<1	0.1	0.3	<10	<2
MFR003	3.8	4.87	22.0	<0.02	<1	0.1	0.5	<10	<2
MFR004	0.5	1.40	10.0	<0.02	<1	<0.1	0.1	<10	<2

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Colour
AFS003	Humus	23-Aug-15	409726	6856352	8	1229	A Travis	black
AFS004	Humus	23-Aug-15	409826	6856180	8	1246	A Travis	black
AFS006	Humus	23-Aug-15	409949	6855787	8	1283	A Travis	black-grey
AFS007	Humus	23-Aug-15	410033	6855606	8	1280	A Travis	black-grey
AFS021	Humus	23-Aug-15	412169	6853927	8	1216	A Travis	black
AFS026	Humus	23-Aug-15	413074	6853550	8	1210	A Travis	black
AFS039	Humus	24-Aug-15	430845	6855770	8	853	A Travis	black
AFS044	Humus	24-Aug-15	430428	6856623	8	836	A Travis	grey-black
AFS049	Humus	24-Aug-15	429822	6857449	8	803	A Travis	black
AFS050	Humus	24-Aug-15	429775	6857644	8	809	A Travis	black
AFS051	Humus	24-Aug-15	429677	6857807	8	837	A Travis	black
DFH001	Humus	24-Aug-15	425192	6859517	8	1019	D.Coolidge	Black
DFH002	Humus	24-Aug-15	425765	6859668	8	989	D.Coolidge	Black
DFH003	Humus	24-Aug-15	426375	6859636	8	950	D.Coolidge	Black
MFH001	Humus	22-Aug-15	422956	6854816	8	1068	M. Cathro	d brown
MFH002	Humus	22-Aug-15	423115	6855018	8	1066	M. Cathro	d brown
MFH003	Humus	23-Aug-15	405198	6863606	8	1398	M. Cathro	d brown
MFH004	Humus	23-Aug-15	405028	6863511	8	1355	M. Cathro	d brown
MFH005	Humus	23-Aug-15	404928	6863415	8	1327	M. Cathro	d brown
MFH006	Humus	23-Aug-15	404865	6863357	8	1319	M. Cathro	brown
MFH007	Humus	23-Aug-15	404804	6863252	8	1312	M. Cathro	brown
MFH009	Humus	23-Aug-15	406112	6860075	8	1198	M. Cathro	brown
MFH010	Humus	23-Aug-15	406321	6860069	8	1186	M. Cathro	brown
MFH011	Humus	23-Aug-15	406510	6860117	8	1183	M. Cathro	brown
MFH012	Humus	23-Aug-15	406693	6860207	8	1179	M. Cathro	brown
MFH013	Humus	23-Aug-15	406878	6860251	8	1175	M. Cathro	black
MFH014	Humus	23-Aug-15	407120	6860109	8		M. Cathro	brown
MFH015	Humus	23-Aug-15	407379	6859907	8	1170	M. Cathro	brown
MFH016	Humus	24-Aug-15	425767	6853655	8	1266	M. Cathro	brown
MFH018	Humus	24-Aug-15	425709	6854075	8	1209	M. Cathro	black
MFH019	Humus	24-Aug-15	425769	6854469	8	1189	M. Cathro	black
MFH020	Humus	24-Aug-15	425834	6854643	8	1162	M. Cathro	black
MFH022	Humus	24-Aug-15	425914	6855067	8	1114	M. Cathro	black
MFH023	Humus	24-Aug-15	425729	6855424	8	1096	M. Cathro	black
MFH024	Humus	24-Aug-15	425548	6855543	8	1089	M. Cathro	black
MFH025	Humus	24-Aug-15	425400	6855907	8	1067	M. Cathro	black
MFH026	Humus	24-Aug-15	425592	6856263	8	1064	M. Cathro	black
MFH027	Humus	24-Aug-15	425712	6856418	8	1054	M. Cathro	black
MFH028	Humus	24-Aug-15	425815	6856604	8	1042	M. Cathro	black
MFH029	Humus	24-Aug-15	426051	6856994	8	1028	M. Cathro	black
MFH030	Humus	24-Aug-15	426238	6857311	8	1018	M. Cathro	black
MFH031	Humus	24-Aug-15	426275	6857445	8	1011	M. Cathro	black

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	Comments	Certificate	Au-FA_ppb	Mo_ppm	Cu_ppm	Pb_ppm	Zn_ppm	Ag_ppb	Ni_ppm
AFS003		WHI15000167	4	0.26	22.16	2.92	16.8	147	5.8
AFS004		WHI15000167	9	0.82	52.49	6.75	85.5	212	19.1
AFS006		WHI15000167	3	0.22	11.53	1.48	12.9	317	3.7
AFS007		WHI15000167	4	0.26	12.87	1.62	11.3	228	3.9
AFS021		WHI15000167	7	0.27	15.24	2.49	9.9	121	2.9
AFS026		WHI15000167	6	0.82	11.86	8.30	69.3	31	15.4
AFS039		WHI15000167	11	0.33	29.62	2.00	12.3	64	8.2
AFS044		WHI15000167	8	0.25	11.39	1.23	140.6	177	3.5
AFS049		WHI15000167	5	0.57	44.57	4.04	47.6	74	19.8
AFS050		WHI15000167	3	1.18	21.94	3.40	28.5	63	5.7
AFS051		WHI15000167	3	0.39	19.41	2.23	41.6	67	4.9
DFH001	Humus overlying frozen loess in swamp.	WHI15000169	10	9.70	37.70	3.00	15.5	69	9.5
DFH002	Organics material.	WHI15000169	2	0.25	7.18	0.80	11.2	20	2.1
DFH003	Moss and organics in a Spruce bog.	WHI15000169	3	0.52	17.20	2.74	31.4	108	5.5
MFH001	mossy, flat	WHI15000169	2	0.27	28.64	2.07	16.1	140	5.0
MFH002	mossy, flat	WHI15000169	5	0.32	29.46	1.76	15.8	137	6.5
MFH003	mossy, flat	WHI15000169	6	0.75	34.07	8.34	30.0	241	13.3
MFH004	mossy, flat	WHI15000169	11	0.77	18.67	20.58	59.8	301	13.2
MFH005	mossy, flat	WHI15000169	3	0.56	14.58	4.10	20.7	183	6.3
MFH006	mossy, flat	WHI15000169	11	0.66	13.26	6.22	22.5	214	4.9
MFH007	mossy, flat, saddle	WHI15000169	9	3.48	41.42	5.21	18.5	253	11.2
MFH009	mossy, above loess	WHI15000169	16	0.46	14.68	3.25	56.0	79	7.2
MFH010	mossy, nearly peat; in swamp	WHI15000169	11	0.77	55.12	2.47	5.9	58	5.9
MFH011	mossy, nearly peat; in swamp	WHI15000169	5	7.19	28.82	2.52	37.5	150	6.5
MFH012	mossy, nearly peat; in swamp	WHI15000169	8	0.90	23.78	1.95	31.3	162	8.6
MFH013	mossy, nearly peat; in swamp	WHI15000169	6	1.46	38.89	2.05	14.8	169	14.2
MFH014	mossy, nearly peat; in swamp	WHI15000169	5	1.21	29.27	1.60	30.5	75	13.2
MFH015	mossy, nearly peat; in swamp	WHI15000169	10	1.21	41.04	3.23	76.3	195	14.4
MFH016	mossy; edge of morraine?	WHI15000169	9	0.34	7.83	1.34	13.0	283	5.1
MFH018		WHI15000169	4	0.14	15.73	0.98	16.2	36	3.3
MFH019		WHI15000169	9	0.40	15.81	3.03	9.7	223	3.0
MFH020		WHI15000169	6	0.43	30.43	3.40	29.9	92	12.1
MFH022		WHI15000169	32	0.62	34.85	1.10	30.8	137	7.6
MFH023	flatish, wet	WHI15000169	5	0.81	32.07	1.79	23.6	103	6.1
MFH024	flatish, wet	WHI15000169	4	0.30	23.76	1.80	34.2	101	5.8
MFH025	flatish, wet	WHI15000169	4	3.60	116.09	1.62	437.0	182	34.6
MFH026	flatish, wet	WHI15000169	10	0.57	17.09	4.13	17.1	225	5.1
MFH027	flatish, wet	WHI15000169	9	0.55	10.75	1.12	11.0	33	4.7
MFH028	flatish, wet	WHI15000169	4	1.17	27.08	1.34	40.4	49	8.6
MFH029	flatish, wet	WHI15000169	7	0.83	74.93	1.79	20.3	92	6.8
MFH030	flatish, wet	WHI15000169	5	4.17	66.38	0.40	138.9	67	41.7
MFH031	flatish, wet	WHI15000169	5	2.48	48.56	2.89	70.6	34	12.4

	AQ251 Co PPM 0.1	AQ251 Mn PPM 1	AQ251 Fe % 0.01	AQ251 As PPM 0.1	AQ251 U PPM 0.1	AQ251 Au PPB 0.2	AQ251 Th PPM 0.1	AQ251 Sr PPM 0.5	AQ251 Cd PPM 0.01	AQ251 Sb PPM 0.02	AQ251 Bi PPM 0.02	AQ251 V PPM 2	AQ251 Ca % 0.01	AQ251 P % 0.001	AQ251 La PPM 0.5	AQ251 Cr PPM 0.5	AQ251 Mg % 0.01
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**
AFS003	2.6	136	1.15	1.4	0.8	0.9	0.3	41.9	0.03	0.16	0.05	25	0.47	0.073	10.5	8.2	0.13
AFS004	6.7	554	3.04	5.0	1.7	2.1	2.3	67.0	0.14	0.36	0.19	61	0.62	0.134	37.6	32.7	0.54
AFS006	1.8	63	0.76	0.7	0.3	1.1	0.2	14.0	0.02	0.06	0.03	20	0.10	0.023	4.2	5.8	0.08
AFS007	2.1	103	0.87	1.3	0.3	<0.2	0.3	15.3	<0.01	0.10	0.05	21	0.15	0.053	3.9	8.3	0.13
AFS021	2.3	24	0.48	0.3	0.4	0.3	<0.1	24.2	0.08	0.06	0.04	9	0.12	0.040	4.4	4.5	0.06
AFS026	8.0	309	2.87	6.1	0.4	0.3	2.3	22.8	0.03	0.41	0.15	71	0.23	0.022	8.6	28.8	0.59
AFS039	2.2	147	0.51	0.5	0.4	3.8	0.2	97.8	0.18	0.12	0.03	12	2.29	0.062	6.3	6.3	0.37
AFS044	2.0	741	0.43	<0.1	0.1	0.8	<0.1	239.2	0.19	0.04	0.03	11	3.01	0.234	2.4	4.3	0.26
AFS049	8.8	1511	2.25	8.7	0.7	2.2	1.9	69.7	0.06	0.24	0.08	54	1.24	0.055	12.1	23.8	0.63
AFS050	4.4	382	1.00	1.7	0.6	1.0	0.5	48.7	0.16	0.12	0.08	24	0.80	0.055	15.0	7.6	0.27
AFS051	4.6	383	1.10	1.6	0.7	0.9	0.8	43.8	0.10	0.11	0.05	24	0.60	0.053	16.3	7.8	0.32
DFH001	3.8	9474	0.60	1.9	0.3	1.2	0.1	118.4	0.32	0.16	0.03	17	2.91	0.105	2.2	5.9	0.17
DFH002	1.3	129	0.30	0.4	<0.1	<0.2	<0.1	57.2	0.19	0.06	<0.02	8	1.12	0.030	0.9	3.0	0.12
DFH003	6.3	1206	0.57	0.4	0.1	0.5	<0.1	46.9	0.66	0.09	0.04	15	0.78	0.053	2.7	5.9	0.17
MFH001	2.6	57	0.70	0.9	0.4	0.6	<0.1	28.1	0.12	0.11	0.03	17	0.28	0.050	4.6	5.6	0.08
MFH002	2.0	35	0.61	0.5	0.3	2.4	<0.1	40.6	0.61	0.12	0.03	16	0.52	0.042	3.3	5.1	0.10
MFH003	6.1	432	0.97	1.6	3.3	2.6	<0.1	66.3	1.85	0.23	0.08	17	0.33	0.114	41.6	10.6	0.14
MFH004	13.7	688	2.02	5.9	1.8	5.7	0.6	89.3	1.60	0.50	0.12	40	0.42	0.130	39.3	20.0	0.34
MFH005	3.1	213	0.92	1.6	1.1	2.7	<0.1	44.5	0.29	0.12	0.06	20	0.24	0.088	17.2	10.7	0.13
MFH006	4.2	241	1.24	1.6	1.2	3.9	<0.1	61.1	1.00	0.13	0.03	32	0.28	0.102	24.9	7.0	0.09
MFH007	14.6	1265	8.11	7.3	1.3	2.3	<0.1	74.6	0.35	0.27	0.07	83	0.36	0.160	34.2	11.3	0.07
MFH009	6.6	2146	0.29	0.7	0.3	0.5	<0.1	115.8	1.03	0.11	<0.02	5	0.97	0.141	34.7	3.6	0.10
MFH010	1.9	34	1.83	4.0	2.6	1.1	<0.1	42.4	0.15	0.18	0.07	46	0.29	0.133	21.9	8.9	0.06
MFH011	14.6	1640	11.65	10.7	0.8	2.2	<0.1	54.8	0.18	0.31	0.12	320	0.37	0.155	9.8	8.3	0.05
MFH012	6.0	529	2.24	2.1	1.9	3.7	<0.1	130.4	0.32	0.15	<0.02	13	1.06	0.202	14.1	7.1	0.09
MFH013	16.4	3021	3.58	9.3	4.5	3.9	0.5	264.7	0.78	0.45	0.03	22	2.26	0.156	19.2	13.5	0.19
MFH014	38.6	3808	6.33	10.9	1.8	3.3	0.2	317.1	0.38	0.27	<0.02	25	2.73	0.155	7.2	6.0	0.17
MFH015	29.9	3418	6.20	18.5	1.9	4.8	0.7	265.8	0.96	0.35	0.03	46	2.28	0.122	22.6	13.5	0.31
MFH016	3.1	336	0.41	0.7	<0.1	1.4	<0.1	64.7	0.57	0.04	<0.02	11	0.73	0.082	1.5	4.4	0.19
MFH018	2.4	237	0.41	0.8	0.2	1.5	0.1	91.8	0.19	0.11	<0.02	11	1.71	0.074	2.1	4.6	0.18
MFH019	1.3	34	0.47	0.2	0.3	2.4	<0.1	21.5	0.18	0.04	<0.02	7	0.17	0.062	3.6	5.1	0.04
MFH020	7.4	374	1.46	3.6	0.5	2.2	0.6	48.3	0.10	0.18	0.04	37	0.61	0.083	6.9	20.5	0.38
MFH022	2.5	234	0.41	1.2	0.2	31.5	<0.1	136.1	0.44	0.37	<0.02	6	2.23	0.117	2.6	4.3	0.18
MFH023	5.9	1058	0.56	0.9	0.2	1.8	<0.1	86.9	0.38	0.33	<0.02	14	1.28	0.113	3.4	5.2	0.12
MFH024	2.6	231	0.54	1.3	0.2	1.9	<0.1	85.6	0.44	0.24	<0.02	11	1.35	0.071	3.2	5.7	0.14
MFH025	55.5	>10000	3.06	6.0	0.8	1.4	<0.1	121.1	1.79	0.37	0.05	36	1.93	0.194	5.4	10.3	0.17
MFH026	2.0	46	0.58	1.0	0.2	4.5	<0.1	30.5	0.30	0.09	<0.02	10	0.28	0.090	4.4	7.8	0.07
MFH027	2.8	115	0.39	1.4	0.1	4.5	0.2	46.9	0.28	0.19	<0.02	10	1.32	0.067	1.8	6.5	0.17
MFH028	12.9	3270	1.26	2.2	0.4	1.6	<0.1	77.1	0.42	0.14	0.03	15	1.62	0.122	3.2	6.4	0.21
MFH029	2.4	403	0.39	0.7	0.4	2.4	0.1	119.8	0.21	0.36	<0.02	9	2.35	0.078	4.4	4.4	0.16
MFH030	82.4	>10000	1.57	3.3	0.2	2.0	0.3	146.2	1.64	0.32	<0.02	10	2.45	0.156	9.9	6.7	0.20
MFH031	12.4	4494	1.30	2.5	0.2	0.4	<0.1	113.6	0.42	0.19	0.03	29	1.91	0.135	3.5	7.7	0.11

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	PPM	%	PPM	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM
	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02
Sample	**Ba_ppm**	**Ti_pct**	**B_ppm**	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**
AFS003	145.7	0.028	<1	0.66	0.029	0.03	<0.1	1.9	0.04	0.07	63	0.3	0.03	2.0	0.33	<0.1	0.02
AFS004	349.6	0.044	2	2.60	0.017	0.15	<0.1	7.6	0.15	0.09	80	0.4	0.03	8.4	2.73	<0.1	0.05
AFS006	60.6	0.029	1	0.46	0.030	0.03	<0.1	1.3	0.03	0.02	48	<0.1	0.03	2.1	0.38	<0.1	<0.02
AFS007	66.7	0.026	1	0.71	0.035	0.04	<0.1	1.7	0.05	0.02	63	0.2	0.03	2.3	0.36	<0.1	<0.02
AFS021	60.8	0.013	1	0.36	0.027	0.04	<0.1	0.4	0.04	0.05	54	<0.1	0.04	1.1	0.24	<0.1	<0.02
AFS026	199.2	0.112	2	2.24	0.011	0.10	0.1	3.9	0.13	<0.02	15	0.2	0.08	7.2	1.30	<0.1	0.03
AFS039	115.7	0.015	8	0.34	0.028	0.05	<0.1	0.9	0.03	0.12	69	<0.1	<0.02	1.0	0.27	<0.1	0.03
AFS044	584.6	0.016	23	0.25	0.025	0.31	<0.1	0.7	0.03	0.14	120	0.2	<0.02	1.0	0.27	<0.1	<0.02
AFS049	146.2	0.070	4	1.09	0.016	0.11	<0.1	5.3	0.09	0.06	54	<0.1	<0.02	3.9	0.84	<0.1	0.04
AFS050	149.0	0.035	3	0.74	0.041	0.08	<0.1	1.8	0.06	0.05	41	<0.1	0.02	2.6	0.53	<0.1	<0.02
AFS051	119.4	0.038	3	0.79	0.033	0.10	0.1	2.6	0.09	0.04	77	0.2	<0.02	2.9	0.93	<0.1	<0.02
DFH001	417.7	0.015	7	0.39	0.019	0.02	<0.1	1.5	0.07	0.23	77	1.0	0.06	1.6	0.18	<0.1	<0.02
DFH002	36.2	0.021	2	0.18	0.030	0.02	<0.1	0.7	<0.02	0.06	42	0.1	<0.02	0.8	0.15	<0.1	0.02
DFH003	73.6	0.012	2	0.43	0.033	0.04	<0.1	0.5	0.03	0.05	39	<0.1	<0.02	1.7	0.30	<0.1	<0.02
MFH001	79.2	0.007	2	0.34	0.025	0.03	<0.1	0.4	0.03	0.04	69	0.1	<0.02	1.5	0.34	<0.1	<0.02
MFH002	58.1	0.015	2	0.32	0.024	0.03	<0.1	0.6	0.02	0.06	53	0.1	<0.02	1.3	0.24	<0.1	<0.02
MFH003	232.3	0.013	4	0.94	0.018	0.05	<0.1	0.7	0.08	0.11	152	0.3	<0.02	2.2	0.52	<0.1	<0.02
MFH004	276.1	0.061	6	1.54	0.013	0.14	0.1	3.2	0.19	0.11	139	0.2	0.05	4.8	1.77	<0.1	<0.02
MFH005	140.5	0.025	3	0.75	0.029	0.04	<0.1	0.8	0.06	0.07	61	<0.1	0.02	2.3	0.54	<0.1	<0.02
MFH006	202.5	0.027	5	0.58	0.016	0.05	<0.1	1.2	0.07	0.12	93	0.2	<0.02	2.1	0.38	<0.1	<0.02
MFH007	292.5	0.013	7	0.86	0.007	0.03	0.1	1.5	0.07	0.18	139	0.5	<0.02	2.4	0.27	<0.1	<0.02
MFH009	276.2	0.010	6	0.33	0.009	0.05	<0.1	1.1	0.06	0.16	215	0.1	<0.02	0.7	0.25	<0.1	<0.02
MFH010	132.0	0.025	3	0.77	0.013	0.02	<0.1	1.3	0.14	0.17	106	0.3	<0.02	1.7	0.18	<0.1	<0.02
MFH011	168.4	0.017	6	0.58	0.007	0.01	0.2	0.6	0.07	0.18	93	0.4	0.05	4.5	0.18	0.2	<0.02
MFH012	307.3	0.009	8	0.56	0.008	0.02	<0.1	0.9	0.14	0.25	155	0.5	<0.02	0.7	0.20	<0.1	<0.02
MFH013	320.0	0.016	13	0.64	0.018	0.02	<0.1	1.9	0.11	0.23	108	1.1	0.04	1.7	0.40	<0.1	0.03
MFH014	428.2	0.006	13	0.22	0.012	0.02	<0.1	1.3	0.10	0.25	106	0.5	<0.02	0.7	0.12	0.1	0.02
MFH015	445.1	0.026	8	0.78	0.019	0.07	<0.1	2.5	0.16	0.16	159	0.7	0.03	2.2	0.53	<0.1	<0.02
MFH016	86.9	0.020	5	0.22	0.019	0.06	<0.1	0.6	0.03	0.10	151	0.3	<0.02	1.2	0.54	<0.1	<0.02
MFH018	85.7	0.024	5	0.29	0.042	0.02	<0.1	0.7	0.03	0.09	41	0.4	<0.02	1.1	0.20	<0.1	0.04
MFH019	74.3	0.007	3	0.25	0.023	0.04	<0.1	0.4	0.02	0.04	77	<0.1	<0.02	0.9	0.23	<0.1	<0.02
MFH020	121.4	0.064	4	1.03	0.023	0.05	<0.1	2.9	0.07	0.04	72	0.2	<0.02	3.4	1.02	<0.1	<0.02
MFH022	169.2	0.012	7	0.47	0.015	0.03	<0.1	0.7	0.04	0.22	108	0.4	<0.02	0.9	0.22	<0.1	0.04
MFH023	161.6	0.021	10	0.42	0.027	0.03	<0.1	0.7	0.06	0.15	88	0.4	<0.02	1.1	0.18	<0.1	<0.02
MFH024	132.2	0.025	5	0.43	0.027	0.04	<0.1	0.8	0.03	0.11	64	0.2	<0.02	1.2	0.28	<0.1	0.02
MFH025	1317.6	0.015	7	1.21	0.016	0.02	<0.1	0.9	0.27	0.24	83	0.9	0.05	3.0	0.19	0.1	0.03
MFH026	93.0	0.009	3	0.44	0.016	0.05	<0.1	0.4	0.02	0.07	100	0.2	<0.02	1.3	0.30	<0.1	<0.02
MFH027	22.8	0.017	5	0.25	0.013	0.05	<0.1	1.2	0.02	0.13	115	0.2	<0.02	1.0	0.27	<0.1	0.03
MFH028	186.0	0.016	5	0.54	0.034	0.02	<0.1	0.5	0.06	0.16	55	0.4	0.03	1.6	0.19	<0.1	<0.02
MFH029	118.9	0.013	10	0.37	0.013	0.02	<0.1	1.1	0.08	0.24	112	0.5	<0.02	0.7	0.10	<0.1	0.04
MFH030	517.8	0.005	11	0.55	0.008	0.03	<0.1	1.9	0.15	0.19	157	0.7	0.04	2.1	0.14	<0.1	0.04
MFH031	318.1	0.020	7	0.62	0.024	0.02	<0.1	0.9	0.09	0.23	74	0.6	0.04	2.3	0.23	<0.1	<0.02

	AQ251 Nb PPM 0.02	AQ251 Rb PPM 0.1	AQ251 Sn PPM 0.1	AQ251 Ta PPM 0.05	AQ251 Zr PPM 0.1	AQ251 Y PPM 0.01	AQ251 Ce PPM 0.1	AQ251 In PPM 0.02	AQ251 Re PPB 1	AQ251 Be PPM 0.1	AQ251 Li PPM 0.1	AQ251 Pd PPB 10	AQ251 Pt PPB 2
Sample	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
AFS003	0.38	2.5	0.7	<0.05	1.1	7.82	20.4	<0.02	<1	0.1	1.9	<10	<2
AFS004	0.98	23.8	2.1	<0.05	1.9	23.29	57.3	0.04	<1	0.7	13.2	<10	<2
AFS006	0.18	3.8	0.5	<0.05	0.3	2.84	7.8	<0.02	<1	0.2	1.4	<10	<2
AFS007	0.21	2.6	0.3	<0.05	0.4	1.78	7.9	<0.02	<1	0.2	2.4	<10	<2
AFS021	0.19	2.8	0.6	<0.05	0.3	2.09	8.1	<0.02	<1	0.1	0.6	<10	<2
AFS026	0.87	17.8	1.6	<0.05	1.8	3.08	18.2	0.03	<1	0.2	19.3	<10	<2
AFS039	0.22	3.9	0.4	<0.05	1.5	4.23	6.4	<0.02	<1	0.1	1.5	<10	<2
AFS044	0.21	8.3	0.3	<0.05	0.3	1.02	4.2	<0.02	<1	0.1	1.8	<10	<2
AFS049	0.72	12.6	0.6	<0.05	1.9	8.77	18.8	<0.02	<1	0.5	6.1	<10	<2
AFS050	0.48	7.3	0.8	<0.05	0.5	3.89	20.9	<0.02	<1	0.2	4.7	<10	<2
AFS051	0.39	13.8	0.5	<0.05	0.6	5.04	29.4	<0.02	<1	0.3	4.8	<10	<2
DFH001	0.20	1.6	1.2	<0.05	1.5	1.24	5.5	<0.02	<1	<0.1	0.9	<10	3
DFH002	0.19	1.2	0.1	<0.05	0.9	0.49	1.9	<0.02	2	0.1	0.5	<10	<2
DFH003	0.20	4.4	0.6	<0.05	0.1	1.11	7.0	<0.02	<1	0.1	1.0	<10	<2
MFH001	0.10	3.3	0.4	<0.05	<0.1	2.42	8.7	<0.02	2	0.1	0.6	<10	<2
MFH002	0.19	2.4	0.4	<0.05	0.2	2.15	6.6	<0.02	<1	0.2	0.5	<10	2
MFH003	0.43	7.2	1.0	<0.05	0.3	25.14	70.5	<0.02	<1	1.1	2.7	<10	<2
MFH004	0.95	17.0	1.1	<0.05	1.0	21.25	67.1	<0.02	<1	0.5	9.8	<10	<2
MFH005	0.21	5.9	1.0	<0.05	0.3	11.42	33.7	<0.02	<1	0.6	3.4	<10	<2
MFH006	0.24	4.0	1.6	<0.05	0.4	17.60	47.9	<0.02	<1	0.2	1.2	<10	<2
MFH007	0.27	2.1	2.2	<0.05	0.2	23.64	69.7	<0.02	<1	0.5	0.9	<10	<2
MFH009	0.09	3.2	0.2	<0.05	0.4	27.21	51.9	<0.02	<1	0.2	0.5	<10	<2
MFH010	0.38	1.5	0.8	<0.05	0.6	24.01	32.7	<0.02	<1	0.2	0.8	<10	<2
MFH011	0.34	1.4	0.2	<0.05	0.2	10.94	19.8	<0.02	2	<0.1	0.5	<10	<2
MFH012	0.22	1.8	0.7	<0.05	0.2	16.89	23.1	<0.02	<1	0.3	0.7	<10	<2
MFH013	0.34	2.4	0.3	<0.05	1.8	18.81	19.8	<0.02	2	0.3	3.9	<10	<2
MFH014	0.16	0.8	0.8	<0.05	0.9	9.85	9.2	<0.02	<1	0.2	0.9	<10	<2
MFH015	0.39	6.8	0.9	<0.05	0.8	15.50	29.6	<0.02	1	0.4	6.1	<10	<2
MFH016	0.20	3.2	0.1	<0.05	0.5	0.87	2.6	<0.02	<1	<0.1	0.6	<10	<2
MFH018	0.29	1.9	0.1	<0.05	1.6	1.14	4.5	<0.02	<1	<0.1	0.6	<10	<2
MFH019	0.07	2.0	0.9	<0.05	<0.1	1.59	6.4	<0.02	<1	<0.1	0.3	<10	<2
MFH020	0.51	8.6	0.6	<0.05	0.6	3.99	14.2	<0.02	<1	0.2	5.1	<10	<2
MFH022	0.22	2.0	0.3	<0.05	1.9	2.03	5.0	<0.02	<1	<0.1	0.5	<10	<2
MFH023	0.21	1.9	0.4	<0.05	0.6	2.55	6.7	<0.02	1	0.2	0.6	<10	<2
MFH024	0.33	3.3	0.4	<0.05	0.7	2.14	6.3	<0.02	<1	0.2	0.6	<10	<2
MFH025	0.28	1.4	0.3	<0.05	1.1	4.49	12.4	<0.02	1	0.2	1.8	<10	2
MFH026	0.08	2.1	1.2	<0.05	<0.1	1.99	9.3	<0.02	<1	0.2	0.7	<10	<2
MFH027	0.21	1.8	0.2	<0.05	1.3	1.25	3.6	<0.02	<1	<0.1	0.8	<10	<2
MFH028	0.30	1.2	0.2	<0.05	0.6	1.94	7.5	<0.02	<1	0.1	1.4	<10	<2
MFH029	0.20	1.0	0.9	<0.05	2.3	4.01	4.7	<0.02	4	<0.1	0.2	<10	<2
MFH030	0.11	1.4	<0.1	<0.05	2.2	10.59	21.0	<0.02	2	0.3	0.5	<10	<2
MFH031	0.31	1.4	0.7	<0.05	0.7	2.20	8.6	<0.02	1	0.2	0.7	<10	<2

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Depth cm	Colour	Horizon
AFS001	Soil	23-Aug-15	409504	6856661	8	1270	A Travis	5	brown	b/c
AFS002	Soil	23-Aug-15	409615	6856506.5	8	1250	A Travis	5	brown	b/c
AFS005	Soil	23-Aug-15	409905	6855979	8	1267	A Travis	15	red brown	b/c
AFS008	Soil	23-Aug-15	410114	6855421	8	1290	A Travis	35	orange	b/c
AFS009	Soil	23-Aug-15	410234	6855264	8	1301	A Travis	20	orange brown	b/c
AFS010	Soil	23-Aug-15	410426	6855218	8	1291	A Travis	30	orange brown	b/c
AFS011	Soil	23-Aug-15	410606	6855132	8	1294	A Travis	10	light brown	b/c
AFS012	Soil	23-Aug-15	410770	6855033	8	1280	A Travis	10	red brown	b/c
AFS013	Soil	23-Aug-15	410910	6854891	8	1273	A Travis	10	red brown	b/c
AFS014	Soil	23-Aug-15	411102	6854828	8	1293	A Travis	10	light brown	b/c
AFS015	Soil	23-Aug-15	411252	6854689	8	1302	A Travis	10	red brown	b/c
AFS016	Soil	23-Aug-15	411412	6854578	8	1318	A Travis	10	light brown	b/c
AFS017	Soil	23-Aug-15	411560	6854432	8	1312	A Travis	10	red brown	b/c
AFS018	Soil	23-Aug-15	411698	6854288	8	1276	A Travis	10	red brown	b/c
AFS019	Soil	23-Aug-15	411805	6854118	8	1287	A Travis	10	red brown	b/c
AFS020	Soil	23-Aug-15	411977	6854011	8	1265	A Travis	10	light brown	b/c
AFS022	Soil	23-Aug-15	412362	6853891	8	1212	A Travis	10	red brown	b/c
AFS023	Soil	23-Aug-15	412564	6853829	8	1233	A Travis	10	red brown	b/c
AFS024	Soil	23-Aug-15	412753	6853786	8	1252	A Travis	10	red brown	b/c
AFS025	Soil	23-Aug-15	412923	6853678	8	1235	A Travis	10	light brown	b/c
AFS027	Soil	23-Aug-15	413203	6853409	8	1241	A Travis	10	red brown	b/c
AFS028	Soil	23-Aug-15	413405	6853435	8	1220	A Travis	10	red brown	b/c
AFS029	Soil	23-Aug-15	413600	6853498	8	1190	A Travis	15	grey brown	b/c
AFS030	Soil	23-Aug-15	413799	6853518	8	1176	A Travis	10	red brown	b/c
AFS031	Soil	23-Aug-15	414009	6853491	8	1200	A Travis	10	red brown	b/c
AFS032	Soil	23-Aug-15	414181	6853393	8	1195	A Travis	10	red brown	b/c
AFS033	Soil	23-Aug-15	414347	6853340	8	1159	A Travis	10	red brown	b/c
AFS034	Soil	24-Aug-15	431192	6854770	8	867	A Travis	15	brown	b
AFS035	Soil	24-Aug-15	431105	6854954	8	867	A Travis	15	brown	b
AFS036	Soil	24-Aug-15	431064	6855149	8	861	A Travis	15	brown	b
AFS037	Soil	24-Aug-15	431048	6855385	8	864	A Travis	15	brown	b
AFS038	Soil	24-Aug-15	430998	6855594	8	928	A Travis	15	brown	b
AFS040	Soil	24-Aug-15	430704	6855918	8	853	A Travis	20	dark brown	a/b
AFS041	Soil	24-Aug-15	430576	6856061	8	856	A Travis	15	brown	b
AFS042	Soil	24-Aug-15	430487	6856245	8	855	A Travis	20	b	b
AFS043	Soil	24-Aug-15	430412	6856432	8	851	A Travis	20	silt/sand	glacial
AFS045	Soil	24-Aug-15	430308	6856782	8	851	A Travis	20	brown	b
AFS046	Soil	24-Aug-15	430115	6856952	8	835	A Travis	20	brown	b
AFS047	Soil	24-Aug-15	429972	6857099	8	827	A Travis	20	brown	b
AFS048	Soil	24-Aug-15	429898	6857270	8	810	A Travis	20	grey brown	b
AFS052	Soil	24-Aug-15	429582	6857993	8	839	A Travis	20	grey brown	b
DFS001	Soil	23-Aug-15	409411	6856748	8	1277	D. Coolidge	10	or-bn	C

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Depth cm	Colour	Horizon
DFS002	Soil	23-Aug-15	409244	6856860.3	8	1259	D. Coolidge	5	bn-or	C
DFS003	Soil	23-Aug-15	409033	6856910.9	8	1220	D. Coolidge	30	wh-gy	A
DFS004	Soil	23-Aug-15	408840	6856960.9	8	1217	D. Coolidge	35	wh-gy	A
DFS005	Soil	23-Aug-15	408650	6857031.8	8	1205	D. Coolidge	35	gy-wh	A
DFS006	Soil	23-Aug-15	408456	6857110.2	8	1194	D. Coolidge	30	dk bn	B
DFS007	Soil	23-Aug-15	408264	6857181.9	8	1177	D. Coolidge	35	dk bn	B
DFS008	Soil	23-Aug-15	408074	6857283.3	8	1188	D. Coolidge	40	or-bn	B/C
DFS009	Soil	23-Aug-15	407884	6857378.6	8	1209	D. Coolidge	30	or-bn	C
DFS010	Soil	23-Aug-15	407699	6857458.1	8	1225	D. Coolidge	40	or -bn	C
DFS011	Soil	23-Aug-15	407510	6857544.1	8	1259	D. Coolidge	35	lt gy	loess
DFS012	Soil	23-Aug-15	407309	6857598.2	8	1286	D. Coolidge	30	lt-or-bn	C
DFS013	Soil	23-Aug-15	407108	6857631.1	8	1317	D. Coolidge	20	or-bn	C
DFS014	Soil	23-Aug-15	406956	6857770.9	8	1314	D. Coolidge	10	bn	C
DFS015	Soil	23-Aug-15	406797	6857907	8	1330	D. Coolidge	15	or-bn	C
DFS016	Soil	23-Aug-15	406622	6858009.6	8	1314	D. Coolidge	15	or-bn	C
DFS017	Soil	23-Aug-15	406420	6858000.1	8	1303	D. Coolidge	10	bn	C
DFS018	Soil	23-Aug-15	406268	6858130	8	1285	D. Coolidge	20	bn	B
DFS019	Soil	23-Aug-15	406098	6858249.9	8	1261	D. Coolidge	25	or-bn-yl	B/C
DFS020	Soil	23-Aug-15	405892	6858288.6	8	1266	D. Coolidge	10	bn-or	B
DFS021	Soil	23-Aug-15	405713	6858390.1	8	1273	D. Coolidge	25	bn	B
DFS022	Soil	23-Aug-15	405514	6858417.4	8	1254	D. Coolidge	20	bn	B/C
DFS023	Soil	23-Aug-15	405314	6858467.9	8	1230	D. Coolidge	15	rd-bn	B/C
DFS024	Soil	23-Aug-15	405125	6858531.4	8	1249	D. Coolidge	10	bn	C
DFS025	Soil	23-Aug-15	404928	6858575.4	8	1247	D. Coolidge	15	lt bn	C
DFS026	Soil	24-Aug-15	423448	6859089.1	8	1215	D. Coolidge	10	lt bn	C
DFS027	Soil	24-Aug-15	423649	6859105.1	8	1191	D. Coolidge	15	or-bn	B/C
DFS028	Soil	24-Aug-15	423856	6859115.6	8	1194	D. Coolidge	10	lt bn	B/C
DFS029	Soil	24-Aug-15	424048	6859169.2	8	1178	D. Coolidge	8	or-bn	C
DFS030	Soil	24-Aug-15	424248	6859197.6	8	1162	D. Coolidge	25	bn	B
DFS031	Soil	24-Aug-15	424420	6859301.1	8	1129	D. Coolidge	35	bn-or	B
DFS032	Soil	24-Aug-15	424622	6859325.1	8	1115	D. Coolidge	35	or-bn	C
DFS033	Soil	24-Aug-15	424799	6859438.4	8	1094	D. Coolidge	35	lt bn	B
DFS034	Soil	24-Aug-15	424990	6859517	8	1053	D. Coolidge	40	bn-or	B
DFS035	Soil	24-Aug-15	425387	6859545.9	8	1008	D. Coolidge	30	bn	B
DFS036	Soil	24-Aug-15	425567	6859645.1	8	999	D. Coolidge	35	bn	B
DFS037	Soil	24-Aug-15	425975	6859669.7	8	985	D. Coolidge	30	or-bn	B
DFS038	Soil	24-Aug-15	426180	6859678.4	8	974	D. Coolidge	10	rd -bn	C
DFS039	Soil	24-Aug-15	426576	6859649.8	8	927	D. Coolidge	35	lt bn	C
MFS001	Soil	22-Aug-15	422955	6854815	8	1068	M. Cathro	20	br	c
MFS002	Soil	22-Aug-15	423115	6855018	8	1066	M. Cathro	20	br	c
MFS003	Soil	22-Aug-15	422416	6856395	8	972	M. Cathro	20	br	c
MFS004	Soil	23-Aug-15	406886	6863295	8	1709	M. Cathro	20	or-br	
MFS005	Soil	23-Aug-15	406754	6863446	8	1681	M. Cathro	20	br	c

Sample	Type	Date	Easting	Northing	Zone	Elevation	Sampler	Depth cm	Colour	Horizon
MFS006	Soil	23-Aug-15	406583	6863560	8	1678	M. Cathro	20	br	c
MFS007	Soil	23-Aug-15	406379	6863619	8	1671	M. Cathro	20	br	c
MFS008	Soil	23-Aug-15	406182	6863598	8	1638	M. Cathro	20	br	c
MFS009	Soil	23-Aug-15	405983	6863573	8	1588	M. Cathro	20	br	c
MFS010	Soil	23-Aug-15	405778	6863633	8	1547	M. Cathro	20	br	c
MFS011	Soil	23-Aug-15	405581	6863683	8	1505	M. Cathro	20	br	c
MFS012	Soil	23-Aug-15	405380	6863695	8	1446	M. Cathro	20	br	c
MFS013	Soil	23-Aug-15	405199	6863607	8	1400	M. Cathro	30	br	b/loess
MFS014	Soil	23-Aug-15	405028	6863511	8	1354	M. Cathro	30	br	b/loess
MFS015	Soil	23-Aug-15	404865	6863357	8	1319	M. Cathro	20	or-br	c
MFS016	Soil	23-Aug-15	404661	6862989	8	1330	M. Cathro	20	or-br	c
MFS018	Soil	23-Aug-15	404626	6862632	8	1364	M. Cathro	20	or-br	c
MFS019	Soil	23-Aug-15	404713	6862452	8	1376	M. Cathro	20	or-br	c
MFS020	Soil	23-Aug-15	404692	6862239	8	1392	M. Cathro	20	or-br	c
MFS021	Soil	23-Aug-15	404772	6862051	8	1396	M. Cathro	20	or-br	c
MFS022	Soil	23-Aug-15	404859	6861866	8	1402	M. Cathro	20	or-br	c
MFS023	Soil	23-Aug-15	404967	6861693	8	1398	M. Cathro	20	or-br	c
MFS024	Soil	23-Aug-15	405071	6861494	8	1386	M. Cathro	20	or-br	c
MFS025	Soil	23-Aug-15	405095	6861317	8	1366	M. Cathro	20	or-br	c
MFS026	Soil	23-Aug-15	405163	6861126	8	1353	M. Cathro	20	or-br	c
MFS027	Soil	23-Aug-15	405271	6860950	8	1327	M. Cathro	20	or-br	c
MFS028	Soil	23-Aug-15	405381	6860781	8	1321	M. Cathro	20	or-br	c
MFS029	Soil	23-Aug-15	405531	6860645	8	1335	M. Cathro	20	or-br	b
MFS030	Soil	23-Aug-15	405632	6860491	8	1314	M. Cathro	20	or-br	b
MFS031	Soil	23-Aug-15	405742	6860298	8	1277	M. Cathro	35	or-br	b
MFS032	Soil	23-Aug-15	405935	6860208	8	1230	M. Cathro	35	or-br	b
MFS033	Soil	23-Aug-15	406111	6860075	8	1198	M. Cathro	35	m br	b
MFS034	Soil	23-Aug-15	407420	6859939	8	1187	M. Cathro	20	or-br	b
MFS035	Soil	24-Aug-15	425703	6854274	8	1201	M. Cathro	30	or-br	b
MFS036	Soil	24-Aug-15	425855	6855256	8	1105	M. Cathro	30	or-br	b-c
MFS037	Soil	24-Aug-15	425398	6855689	8	1081	M. Cathro	30	or-br	b-c
MFS038	Soil	24-Aug-15	425516	6856061	8	1068	M. Cathro	30	or-br	b-c
MFS039	Soil	24-Aug-15	425942	6856809	8	1034	M. Cathro	30	or-br	b-c
MFS040	Soil	24-Aug-15	426137	6857150	8	1037	M. Cathro	30	or-br	b-c

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	**Comments**	**Certificate**	**Au-FA_ppb**	**Mo_ppm**	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**
AFS001	weathered intrusive outcrop	WHI15000167	4	0.76	15.23	10.64	69.4	27	15.3
AFS002	base of weathered intrusive outcrop, inserted this soil halfway between 1 & 2	WHI15000167	11	1.13	25.30	4.23	19.9	320	8.0
AFS005	weathered intrusive bedrock	WHI15000167	7	0.98	20.60	10.49	64.6	31	17.1
AFS008	weathered intrusive bedrock	WHI15000167	5	0.71	12.66	6.77	58.3	37	12.0
AFS009	weathered intrusive bedrock	WHI15000167	3	0.85	9.75	7.36	42.9	22	8.6
AFS010	weathered intrusive bedrock	WHI15000167	<2	0.86	11.79	7.50	40.5	63	9.4
AFS011	weathered intrusive bedrock, along ridge	WHI15000167	<2	1.07	20.52	9.79	50.2	91	14.4
AFS012	weathered intrusive bedrock, along ridge	WHI15000167	6	0.84	19.99	8.85	69.5	162	16.6
AFS013	weathered intrusive bedrock, along ridge	WHI15000167	5	0.78	19.54	9.79	53.5	42	17.8
AFS014	weathered intrusive bedrock, along ridge	WHI15000167	4	0.92	21.82	9.94	64.4	106	21.5
AFS015	weathered intrusive bedrock, along ridge	WHI15000167	5	0.60	24.23	11.88	107.7	25	21.7
AFS016	weathered intrusive bedrock, along ridge	WHI15000167	9	0.95	17.49	10.86	67.5	40	19.6
AFS017	weathered intrusive bedrock, along ridge	WHI15000167	5	0.79	13.99	7.79	73.7	37	14.5
AFS018	weathered intrusive bedrock, along ridge	WHI15000167	5	1.01	10.15	10.78	53.9	45	10.6
AFS019	weathered intrusive bedrock, along ridge	WHI15000167	6	0.85	17.25	11.01	59.0	48	13.0
AFS020	weathered intrusive bedrock, along ridge	WHI15000167	2	0.64	14.56	8.77	65.1	18	18.5
AFS022	weathered intrusive bedrock, along ridge	WHI15000167	4	1.06	16.61	9.92	71.8	52	15.1
AFS023	weathered intrusive bedrock, along ridge	WHI15000167	5	0.95	13.98	9.53	72.8	33	13.6
AFS024	weathered intrusive bedrock, along ridge	WHI15000167	4	1.05	18.40	11.65	97.1	67	13.0
AFS025	weathered intrusive bedrock, along ridge	WHI15000167	<2	1.05	17.46	10.65	92.0	47	11.1
AFS027	weathered intrusive bedrock, along ridge	WHI15000167	<2	0.20	20.61	4.01	22.3	301	6.5
AFS028	weathered intrusive bedrock, along ridge	WHI15000167	2	0.81	15.57	8.95	74.4	39	15.5
AFS029		WHI15000167	5	0.68	18.49	11.11	73.1	40	18.6
AFS030	weathered intrusive bedrock, along ridge	WHI15000167	<2	0.72	18.63	9.14	51.1	39	11.0
AFS031	weathered intrusive bedrock, along ridge	WHI15000167	3	0.71	13.14	8.58	49.6	30	13.3
AFS032	weathered intrusive bedrock, along ridge	WHI15000167	5	0.63	16.16	9.09	92.5	36	7.2
AFS033	weathered intrusive bedrock, along ridge	WHI15000167	<2	1.00	20.25	12.70	61.0	53	16.5
AFS034	along north side of creek valley	WHI15000167	5	0.87	12.48	7.98	74.2	78	9.7
AFS035	along north side of creek valley	WHI15000167	6	0.33	25.43	3.44	57.5	33	14.2
AFS036	along north side of creek valley	WHI15000167	4	0.32	39.61	4.16	31.8	30	17.3
AFS037	along north side of creek valley	WHI15000167	2	0.24	23.99	2.42	20.8	140	7.7
AFS038	along north side of creek valley	WHI15000167	5	0.39	51.16	10.21	59.3	72	25.3
AFS040	along north side of creek valley	WHI15000167	3	0.39	42.84	4.47	37.8	45	21.6
AFS041	rocky	WHI15000167	4	0.80	25.47	7.25	37.6	81	13.1
AFS042	along north side of creek valley	WHI15000167	3	0.51	19.13	5.43	32.1	21	8.8
AFS043	small hill or mound in middle of valley which probably deposited by glacier or glaciofluvial action	WHI15000167	<2	0.04	7.49	0.20	7.5	17	1.1
AFS045	south side of valley	WHI15000167	58	0.38	35.38	42.79	49.7	177	5.2
AFS046	south side of valley	WHI15000167	5	0.44	42.88	5.48	47.5	53	19.8
AFS047	south side of valley	WHI15000167	4	0.56	30.01	5.11	38.2	42	14.5
AFS048	south side of valley	WHI15000167	4	0.97	36.97	12.81	42.9	75	22.0
AFS052	north side of valley	WHI15000167	3	0.70	32.89	5.88	43.6	40	18.5
DFS001	Granitoid outcrop	WHI15000167	2	1.06	20.18	11.21	65.8	50	23.1

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	**Comments**	**Certificate**	**Au-FA_ppb**	**Mo_ppm**	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**
DFS002	Grity; sandy "C"	WHI15000167	4	0.93	25.91	25.91	67.1	65	24.4
DFS003	Grity; sandy "C"	WHI15000167	2	0.17	13.59	1.49	11.3	35	3.0
DFS004	Grit ; fine grained loess	WHI15000167	4	0.29	26.03	4.21	27.2	114	7.4
DFS005	loess; boggy; poor sample	WHI15000167	6	0.33	11.19	1.44	12.9	243	3.3
DFS006	grit with water; boggy.	WHI15000167	4	0.69	40.50	7.19	48.6	126	13.6
DFS007	well develped soil in a recessive NE trending gulch.	WHI15000167	4	0.79	25.94	7.25	51.9	113	14.8
DFS008	buck brush and moss	WHI15000167	3	0.53	25.13	6.83	43.8	52	12.5
DFS009	Till? Loess and granitiod sand.	WHI15000167	<2	0.44	11.92	5.56	31.0	33	7.2
DFS010	buck brush and spruce	WHI15000167	3	1.07	34.33	13.05	55.1	114	15.0
DFS011	fine grained-poor sample.	WHI15000167	<2	0.09	4.39	0.98	9.6	33	1.8
DFS012	granitoid; grit and sand.	WHI15000167	2	0.77	18.15	8.65	57.6	37	12.4
DFS013	granitoid parent; top of ridge.	WHI15000167	4	0.91	16.32	11.62	81.1	77	21.1
DFS014	granitoid parent; top of ridge.	WHI15000167	4	0.93	22.19	13.33	70.2	53	29.5
DFS015	granitoid parent; top of ridge.	WHI15000167	4	0.87	14.50	10.04	71.6	22	15.5
DFS016	well develped soil; granitiod parent.	WHI15000167	3	0.44	11.97	9.80	90.8	48	19.2
DFS017	granitoid, sand , grit and pebbles.	WHI15000167	11	0.89	19.17	9.12	65.0	107	24.6
DFS018	fine grained soil; buck brush.	WHI15000167	11	1.00	16.78	7.46	57.8	169	11.7
DFS019	Granitoid parent; buck brush.	WHI15000167	2	0.94	12.26	8.79	70.7	32	15.1
DFS020	Granitiod grit on ridge. Good soil.	WHI15000167	3	0.73	23.61	10.96	67.7	32	29.4
DFS021	Buck brush and moss.	WHI15000167	3	0.89	16.73	8.16	63.8	78	19.0
DFS022	Grity sand and pebles. Recessive saddle.	WHI15000167	3	0.69	15.58	7.34	48.3	97	16.4
DFS023	Grity sand and pebles.	WHI15000167	<2	0.45	8.43	6.20	87.6	29	11.3
DFS024	Granitiod grit; outcrop present.	WHI15000167	<2	0.78	27.09	9.38	118.5	237	17.9
DFS025	granualr with granitoid boulders.	WHI15000167	8	0.85	22.43	9.91	61.9	221	25.0
DFS026	Granitoid outcrop on ridge.	WHI15000167	3	0.28	13.28	6.42	58.5	24	14.3
DFS027	South side of knoll.	WHI15000167	<2	0.40	14.33	4.07	35.4	15	13.4
DFS028	Granitoid on knoll.	WHI15000167	2	0.63	25.51	6.49	43.9	35	15.1
DFS029	loess; over "C" horizon.	WHI15000167	<2	0.36	12.87	3.75	26.4	27	7.6
DFS030	under a layer of loess	WHI15000167	<2	0.88	25.56	6.73	77.2	97	15.5
DFS031	Grity sand with granitoid cobbles.	WHI15000167	<2	0.61	19.67	6.58	31.8	39	14.8
DFS032	Grity; below layer of ash.	WHI15000167	2	0.40	19.62	4.02	27.6	32	12.6
DFS033	fine grained grit.	WHI15000167	<2	0.44	15.28	4.65	25.7	55	10.0
DFS034	Spruce and spagnum moss on an east facing slope.	WHI15000167	3	0.62	23.96	6.03	38.6	42	14.8
DFS035	Well developed in a flat spruce bog.	WHI15000167	2	0.57	21.53	8.15	30.5	25	17.3
DFS036	grity with granitoid pebbles.	WHI15000167	<2	0.84	24.43	7.99	72.8	101	16.0
DFS037	gritty/ sandy.	WHI15000167	<2	0.47	17.14	5.49	27.8	74	10.2
DFS038	grity/sand.	WHI15000167	<2	0.41	21.93	4.88	29.2	61	10.7
DFS039	Taken just east of cat road.	WHI15000167	<2	0.55	16.91	8.21	37.2	80	16.3
MFS001	Silt-sand; QM fresh	WHI15000167	4	0.49	52.62	3.89	36.6	22	23.9
MFS002	Silt-sand; QM fresh	WHI15000167	4	0.63	37.06	6.16	42.2	9	23.4
MFS003	Silt-sand; QM fresh	WHI15000167	2	0.54	12.15	4.75	35.0	22	8.3
MFS004	soil / till going up right bank; sandy outwash; or-grey granitic soil; mixed bldrs	WHI15000167	2	0.32	9.83	73.97	117.5	20	13.7
MFS005	Silt-sand; QM fresh	WHI15000167	<2	0.41	9.84	8.91	76.6	27	13.4

		Method	FA330	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni
		Unit	PPB	PPM	PPM	PPM	PPM	PPB	PPM
		MDL	2	0.01	0.01	0.01	0.1	2	0.1
Sample	**Comments**	**Certificate**	**Au-FA_ppb**	**Mo_ppm**	**Cu_ppm**	**Pb_ppm**	**Zn_ppm**	**Ag_ppb**	**Ni_ppm**
MFS006	Silt-sand; QM fresh	WHI15000167	5	1.79	23.42	11.04	67.2	263	18.8
MFS007	Silt-sand; QM fresh	WHI15000167	4	0.65	10.07	10.38	61.5	53	13.1
MFS008	Silt-sand; QM fresh	WHI15000167	3	0.95	13.12	16.36	62.0	49	15.3
MFS009	Silt-sand; QM fresh	WHI15000167	4	0.82	15.14	12.48	64.5	53	16.9
MFS010	Silt-sand; QM fresh	WHI15000167	4	0.48	10.67	13.75	65.8	94	13.6
MFS011	Silt-sand; QM fresh	WHI15000167	6	0.67	14.07	10.94	54.5	38	15.9
MFS012	silt-sand; 20% loess	WHI15000167	2	0.39	15.95	9.03	50.4	49	9.9
MFS013	silt-sand; 50% loess	WHI15000167	9	0.43	9.46	4.57	32.2	103	7.5
MFS014	Gravel-silt-sand; 50% loess	WHI15000167	9	0.29	11.68	7.40	45.1	21	12.8
MFS015	Gravel-sand-silt	WHI15000167	4	0.41	6.80	19.20	41.1	17	6.9
MFS016	Gravel-sand-silt	WHI15000167	5	0.82	15.25	12.97	53.6	20	18.9
MFS018	Gravel-sand-silt	WHI15000167	4	0.45	12.00	8.56	54.8	24	12.7
MFS019	Gravel-sand-silt	WHI15000167	3	0.56	14.38	27.49	55.0	16	13.3
MFS020	Gravel-sand-silt	WHI15000167	2	0.40	8.12	11.61	74.5	38	9.5
MFS021	Gravel-sand-silt	WHI15000167	7	0.77	12.27	13.99	44.6	33	9.0
MFS022	Gravel-sand-silt	WHI15000167	4	0.54	10.73	9.48	75.6	22	13.7
MFS023	Gravel-sand-silt	WHI15000167	3	0.58	13.37	8.23	59.7	28	13.5
MFS024	Gravel-sand-silt	WHI15000167	3	0.85	13.27	11.19	65.1	186	18.5
MFS025	Gravel-sand-silt	WHI15000167	3	0.80	11.32	6.99	62.4	53	10.4
MFS026	Gravel-sand-silt	WHI15000167	4	0.89	23.13	9.26	59.6	104	19.0
MFS027	Gravel-sand-silt	WHI15000167	4	0.68	12.60	8.23	56.1	63	15.4
MFS028	Gravel-sand-silt	WHI15000167	18	0.92	12.70	29.62	77.8	80	15.2
MFS029		WHI15000167	4	1.39	12.16	11.37	56.9	132	13.3
MFS030		WHI15000167	3	0.93	26.62	10.51	82.1	174	24.2
MFS031	clay-silt	WHI15000167	2	0.66	12.37	7.74	56.6	91	15.6
MFS032	clay-silt	WHI15000167	4	1.08	12.90	10.66	38.2	60	7.6
MFS033	clay-silt	WHI15000167	<2	0.56	16.01	6.53	39.5	79	8.2
MFS034	clay-silt	WHI15000167	<2	0.71	23.56	10.07	74.6	41	20.3
MFS035	sand-pebbles	WHI15000167	12	0.58	35.66	4.73	50.6	45	19.5
MFS036	clay-silt-sand-gravel	WHI15000167	9	0.61	40.72	4.40	43.5	24	17.3
MFS037	clay-silt-sand-gravel	WHI15000167	3	0.50	60.26	3.76	28.5	47	18.5
MFS038	clay-silt-sand-gravel	WHI15000167	3	0.81	28.81	7.41	38.1	53	16.6
MFS039	clay-silt-sand-gravel	WHI15000167	3	0.69	30.84	4.84	35.5	18	14.7
MFS040	clay-silt-sand-gravel	WHI15000167	4	0.70	24.78	7.96	36.8	27	20.0

	AQ251 Co PPM	AQ251 Mn PPM	AQ251 Fe %	AQ251 As PPM	AQ251 U PPM	AQ251 Au PPB	AQ251 Th PPM	AQ251 Sr PPM	AQ251 Cd PPM	AQ251 Sb PPM	AQ251 Bi PPM	AQ251 V PPM	AQ251 Ca %	AQ251 P %	AQ251 La PPM	AQ251 Cr PPM	AQ251 Mg %	AQ251 Ba PPM	AQ251 Ti %	AQ251 B PPM
	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**
AFS001	8.3	402	3.20	7.7	0.4	2.2	2.4	72.5	0.14	0.32	0.14	70	0.25	0.054	8.5	25.1	0.57	269.7	0.094	2
AFS002	11.3	1182	3.22	3.2	1.8	4.0	0.8	51.6	0.07	0.27	0.10	48	0.45	0.086	37.7	12.9	0.14	235.4	0.029	3
AFS005	8.1	441	2.72	7.2	0.4	13.2	1.4	21.2	0.14	0.29	0.17	70	0.22	0.041	7.9	25.6	0.48	111.9	0.085	2
AFS008	9.6	545	2.89	6.3	0.4	<0.2	2.1	25.0	0.09	0.24	0.19	75	0.26	0.074	9.6	21.8	0.58	126.1	0.123	2
AFS009	6.1	451	2.45	4.8	0.3	0.3	1.3	18.5	0.16	0.25	0.16	71	0.17	0.042	6.5	19.3	0.40	84.0	0.104	<1
AFS010	6.7	385	2.48	6.5	0.3	<0.2	1.4	15.0	0.12	0.25	0.16	70	0.15	0.043	7.2	19.5	0.37	94.1	0.104	2
AFS011	6.9	292	3.14	8.1	0.5	<0.2	2.2	18.0	0.07	0.40	0.22	83	0.17	0.026	9.1	32.5	0.52	118.2	0.130	2
AFS012	7.5	375	2.84	6.1	0.4	1.2	1.8	22.5	0.15	0.36	0.21	67	0.20	0.030	7.6	25.3	0.53	125.1	0.103	2
AFS013	8.7	466	3.44	8.7	0.4	0.4	2.0	17.6	0.18	0.36	0.24	77	0.16	0.035	6.3	27.1	0.49	127.4	0.105	2
AFS014	10.2	309	3.48	9.8	0.6	0.9	3.2	24.6	0.10	0.37	0.20	86	0.23	0.032	9.5	41.3	0.67	157.8	0.134	3
AFS015	13.0	599	3.90	11.0	0.8	<0.2	4.6	26.5	0.15	0.32	0.19	81	0.22	0.044	11.5	36.1	0.93	194.5	0.123	2
AFS016	8.6	417	3.24	8.4	0.5	0.8	2.9	26.4	0.09	0.40	0.20	76	0.24	0.045	8.7	33.2	0.62	149.6	0.112	2
AFS017	7.3	421	2.96	5.6	0.4	1.5	1.0	28.9	0.07	0.42	0.18	73	0.22	0.063	7.2	25.6	0.53	143.2	0.108	2
AFS018	6.0	499	2.48	4.6	0.5	1.9	2.0	19.0	0.05	0.19	0.21	59	0.20	0.059	9.7	21.0	0.46	108.5	0.099	2
AFS019	6.0	287	2.38	4.7	0.4	0.6	1.7	19.6	0.05	0.40	0.14	60	0.16	0.023	8.4	23.3	0.42	98.6	0.084	2
AFS020	8.8	335	2.99	7.4	0.5	<0.2	2.8	24.7	0.03	0.31	0.16	69	0.21	0.022	9.5	31.2	0.63	143.9	0.107	1
AFS022	7.1	248	3.41	7.4	0.4	3.3	2.2	21.2	0.10	0.45	0.19	85	0.19	0.027	8.5	30.6	0.46	159.8	0.122	1
AFS023	7.1	373	2.99	7.0	0.4	<0.2	2.0	32.7	0.14	0.45	0.17	70	0.27	0.033	7.6	24.8	0.48	153.5	0.094	2
AFS024	6.5	448	3.02	5.9	0.4	<0.2	1.7	24.9	0.11	0.45	0.29	72	0.21	0.048	8.1	23.8	0.46	134.5	0.094	1
AFS025	6.0	423	2.86	5.3	0.3	1.8	1.6	23.1	0.13	0.37	0.27	69	0.20	0.044	7.7	22.1	0.44	126.4	0.089	1
AFS027	2.8	96	0.79	0.7	0.6	0.6	<0.1	26.9	0.26	0.07	0.06	20	0.18	0.047	9.9	6.6	0.09	161.5	0.017	3
AFS028	8.4	484	2.98	6.8	0.5	<0.2	2.4	28.1	0.03	0.44	0.17	77	0.28	0.029	8.8	33.2	0.60	283.7	0.115	2
AFS029	8.5	311	3.15	8.8	0.5	0.2	3.2	27.9	0.01	0.36	0.17	77	0.24	0.024	8.8	36.0	0.62	163.9	0.102	2
AFS030	7.2	630	2.31	5.5	0.5	4.9	1.4	25.8	0.10	0.31	0.17	55	0.20	0.047	6.8	20.1	0.39	176.8	0.061	1
AFS031	6.8	394	2.44	4.1	0.3	<0.2	1.5	29.1	0.04	0.24	0.12	65	0.22	0.029	5.2	20.4	0.38	147.8	0.078	1
AFS032	5.3	508	3.16	7.9	0.6	3.7	1.3	16.3	0.07	0.23	0.14	41	0.11	0.040	3.1	11.7	0.27	133.8	0.028	<1
AFS033	7.5	312	3.08	8.5	0.4	6.8	1.9	32.1	0.07	0.38	0.15	75	0.24	0.027	7.1	28.2	0.53	154.2	0.075	2
AFS034	8.2	587	2.41	3.6	0.3	<0.2	1.4	20.2	0.17	0.33	0.16	61	0.17	0.039	6.5	19.8	0.35	130.5	0.071	<1
AFS035	9.5	564	2.37	7.2	0.4	3.7	1.9	47.3	0.07	0.22	0.03	60	0.84	0.051	8.7	21.4	0.75	107.2	0.102	3
AFS036	10.6	355	2.05	7.7	0.4	2.3	1.3	29.8	0.13	0.26	0.06	56	0.46	0.051	7.6	28.8	0.54	62.5	0.068	2
AFS037	5.3	500	1.16	2.0	0.2	<0.2	0.3	24.5	0.29	0.11	0.06	33	0.20	0.024	4.3	10.6	0.21	152.3	0.048	2
AFS038	12.7	652	3.11	11.3	0.6	2.7	2.7	59.5	0.10	0.39	0.06	76	1.16	0.111	17.0	35.7	0.90	93.6	0.080	3
AFS040	9.9	431	2.27	9.6	0.4	0.3	1.5	51.9	0.07	0.34	0.06	66	1.03	0.082	9.5	32.3	0.65	100.7	0.078	3
AFS041	7.4	241	2.28	5.7	0.5	1.5	1.9	31.1	0.04	0.33	0.12	59	0.35	0.021	6.5	22.0	0.48	90.7	0.068	<1
AFS042	6.6	276	1.70	3.7	0.5	0.3	1.5	28.5	0.08	0.22	0.06	42	0.37	0.041	11.2	14.8	0.35	85.6	0.060	1
AFS043	1.6	54	0.35	<0.1	<0.1	<0.2	<0.1	12.2	<0.01	<0.02	<0.02	10	0.15	0.050	2.4	1.5	0.10	47.8	0.028	<1
AFS045	6.5	652	2.09	2.5	0.7	50.7	2.1	75.4	0.08	0.10	0.12	43	0.68	0.096	23.6	8.5	0.55	151.2	0.048	1
AFS046	11.9	514	2.58	6.8	0.6	2.3	2.2	54.4	0.06	0.28	0.06	75	0.89	0.090	10.5	33.3	0.71	100.2	0.098	3
AFS047	7.7	288	1.84	5.6	0.3	2.0	1.5	37.3	0.06	0.23	0.07	54	0.62	0.060	6.8	24.6	0.49	77.9	0.069	2
AFS048	10.2	554	2.58	8.8	0.5	57.2	2.6	53.1	0.11	0.44	0.07	71	1.16	0.093	11.2	32.1	0.57	96.1	0.075	2
AFS052	9.6	401	2.60	8.3	0.6	1.6	3.4	37.6	0.04	0.32	0.09	66	0.55	0.049	11.7	34.4	0.59	76.4	0.085	2
DFS001	11.8	391	3.38	9.4	0.5	2.6	2.8	19.4	0.12	0.50	0.20	77	0.19	0.035	8.7	35.7	0.56	148.2	0.100	2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B
	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM
	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**
DFS002	13.0	475	3.01	8.6	0.7	1.5	3.9	25.9	0.29	0.36	0.35	69	0.26	0.045	11.6	37.3	0.61	192.5	0.108	2
DFS003	1.2	50	0.57	1.1	0.3	<0.2	0.2	18.4	0.01	0.05	0.04	15	0.16	0.036	7.3	4.3	0.08	63.0	0.025	<1
DFS004	3.3	101	1.34	1.9	0.8	1.4	0.8	23.8	0.01	0.14	0.07	30	0.24	0.065	7.9	16.6	0.21	118.5	0.038	<1
DFS005	4.5	444	0.88	0.4	0.3	<0.2	<0.1	18.1	0.04	0.07	0.03	27	0.16	0.056	3.8	6.5	0.09	58.5	0.031	1
DFS006	6.9	278	2.11	3.9	0.8	1.7	0.9	29.6	0.08	0.18	0.13	41	0.28	0.067	8.6	26.6	0.41	191.4	0.044	2
DFS007	9.9	546	2.06	3.8	0.6	2.6	1.1	38.8	0.26	0.21	0.15	51	0.42	0.080	9.2	25.8	0.47	166.8	0.063	2
DFS008	7.3	275	2.12	6.2	0.6	1.9	2.8	40.3	0.05	0.25	0.11	54	0.43	0.066	14.8	25.3	0.46	149.6	0.090	2
DFS009	3.4	186	1.23	1.9	0.3	<0.2	0.9	22.1	0.06	0.08	0.06	33	0.21	0.035	7.6	13.2	0.26	77.2	0.060	1
DFS010	8.0	524	2.69	5.4	1.2	<0.2	1.9	39.2	0.09	0.29	0.13	64	0.31	0.061	15.9	28.7	0.47	156.8	0.078	1
DFS011	1.5	46	0.55	0.6	0.2	<0.2	0.1	10.8	<0.01	0.03	<0.02	17	0.10	0.030	5.4	3.0	0.09	36.4	0.030	<1
DFS012	7.5	414	2.52	5.0	0.5	1.7	2.5	27.4	0.06	0.26	0.13	56	0.20	0.036	8.4	22.8	0.49	109.1	0.092	<1
DFS013	10.5	431	3.12	8.3	0.6	1.1	3.5	20.2	0.17	0.41	0.15	68	0.17	0.034	10.7	33.4	0.59	114.1	0.088	1
DFS014	13.6	410	3.06	8.7	0.7	4.9	4.2	20.6	0.15	0.41	0.16	69	0.22	0.045	13.4	37.0	0.60	140.2	0.116	1
DFS015	11.1	787	3.52	6.0	0.7	0.6	4.1	34.6	0.05	0.31	0.12	84	0.33	0.116	15.7	28.3	0.70	131.2	0.142	1
DFS016	10.3	700	2.72	4.8	0.8	<0.2	4.0	71.0	0.20	0.18	0.08	51	0.21	0.041	9.8	25.7	0.70	140.6	0.105	1
DFS017	11.9	411	3.01	8.1	0.8	<0.2	4.3	20.4	0.11	0.41	0.14	69	0.22	0.044	13.3	38.3	0.64	139.1	0.130	2
DFS018	10.8	1054	2.50	5.2	0.6	0.4	1.8	26.2	0.08	0.29	0.15	66	0.23	0.044	11.2	25.4	0.47	116.5	0.099	<1
DFS019	7.7	365	3.38	8.1	0.4	<0.2	2.3	21.6	0.08	0.39	0.16	76	0.17	0.046	7.8	27.9	0.48	127.5	0.115	1
DFS020	10.6	324	3.30	9.7	0.6	1.4	3.6	26.1	0.11	0.39	0.19	70	0.20	0.027	10.4	38.3	0.65	152.7	0.111	1
DFS021	8.9	384	3.15	8.0	0.5	1.4	3.0	19.3	0.15	0.30	0.16	66	0.18	0.034	8.9	31.1	0.59	133.2	0.126	<1
DFS022	7.3	276	2.62	6.9	0.4	1.1	2.6	18.3	0.12	0.28	0.14	60	0.17	0.027	8.3	30.6	0.48	118.6	0.111	1
DFS023	7.6	625	3.21	5.8	0.4	1.0	2.0	47.2	0.04	0.12	0.12	66	0.31	0.058	9.8	20.3	0.85	148.4	0.136	<1
DFS024	15.8	635	3.61	5.2	0.6	1.3	4.1	22.9	0.29	0.30	0.17	75	0.26	0.095	13.9	31.4	0.74	159.5	0.150	1
DFS025	11.6	361	3.04	9.0	0.6	1.3	3.5	33.8	0.04	0.35	0.18	63	0.23	0.031	10.2	33.2	0.69	115.1	0.104	<1
DFS026	8.8	485	2.87	4.9	0.5	1.5	1.9	92.5	0.01	0.14	0.05	66	0.47	0.056	8.1	24.2	0.79	81.5	0.109	<1
DFS027	7.1	326	2.31	4.9	0.4	2.0	0.6	52.7	0.02	0.16	0.07	58	0.35	0.055	4.3	20.6	0.50	94.0	0.077	<1
DFS028	7.4	260	2.78	6.0	0.4	1.1	1.6	30.9	0.05	0.28	0.10	73	0.28	0.028	6.5	25.5	0.52	76.5	0.111	<1
DFS029	4.4	138	1.52	2.9	0.2	0.7	0.7	23.2	0.03	0.12	0.06	40	0.18	0.023	3.2	12.7	0.29	56.4	0.065	<1
DFS030	12.3	946	2.43	5.1	0.4	0.4	1.3	29.5	0.11	0.20	0.13	60	0.33	0.065	7.5	27.4	0.46	195.3	0.081	2
DFS031	7.5	244	2.25	6.7	0.3	0.9	1.0	25.7	0.08	0.22	0.07	64	0.32	0.027	4.4	25.8	0.45	91.6	0.079	<1
DFS032	6.3	205	2.04	6.0	0.2	1.1	0.9	29.1	0.04	0.19	0.07	58	0.38	0.036	4.9	22.0	0.44	76.2	0.074	<1
DFS033	5.7	431	1.56	3.3	0.2	1.1	0.8	24.2	0.09	0.14	0.08	44	0.22	0.030	5.6	16.8	0.31	118.8	0.061	<1
DFS034	8.1	405	2.21	5.7	0.5	0.8	1.9	35.8	0.05	0.19	0.11	55	0.42	0.077	7.3	25.7	0.48	168.0	0.069	<1
DFS035	7.4	205	2.34	8.0	0.3	1.5	1.5	34.5	0.03	0.27	0.09	58	0.32	0.016	5.7	28.5	0.45	118.1	0.051	<1
DFS036	11.9	709	2.92	4.7	0.3	1.6	1.7	29.0	0.15	0.27	0.16	75	0.28	0.037	7.2	27.1	0.47	224.2	0.094	<1
DFS037	5.1	122	1.86	3.1	0.2	1.0	0.5	22.4	0.13	0.18	0.06	52	0.18	0.021	3.8	15.2	0.30	81.3	0.076	<1
DFS038	6.3	289	1.79	4.4	0.3	1.0	0.9	21.9	0.03	0.17	0.05	45	0.22	0.035	7.4	17.9	0.35	82.5	0.064	<1
DFS039	8.3	244	2.27	5.0	0.3	3.6	0.7	33.5	0.05	0.23	0.08	56	0.38	0.033	5.6	32.4	0.53	157.2	0.082	<1
MFS001	11.0	426	2.41	9.7	0.4	2.5	1.8	43.4	0.03	0.24	0.09	59	0.66	0.085	7.9	32.3	0.69	96.6	0.084	<1
MFS002	12.0	407	2.69	10.6	0.4	1.2	1.5	37.8	0.06	0.30	0.07	61	0.45	0.028	5.8	31.9	0.74	124.9	0.089	<1
MFS003	5.7	464	2.75	4.4	0.8	0.7	3.8	42.8	0.07	0.20	0.05	69	0.60	0.132	17.0	13.5	0.34	78.9	0.038	<1
MFS004	7.7	936	2.66	5.7	1.8	0.6	9.0	67.0	0.16	0.30	0.10	59	0.44	0.098	36.8	22.1	0.64	132.3	0.063	2
MFS005	9.1	845	2.88	4.3	1.9	1.3	7.7	45.5	0.03	0.19	0.11	60	0.37	0.119	31.6	22.1	0.74	110.1	0.073	1

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B
	PPM	PPM	%	PPM	PPM	PPB	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM
	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1
Sample	**Co_ppm**	**Mn_ppm**	**Fe_pct**	**As_ppm**	**U_ppm**	**Au_ppb**	**Th_ppm**	**Sr_ppm**	**Cd_ppm**	**Sb_ppm**	**Bi_ppm**	**V_ppm**	**Ca_pct**	**P_pct**	**La_ppm**	**Cr_ppm**	**Mg_pct**	**Ba_ppm**	**Ti_pct**	**B_ppm**
MFS006	8.6	587	3.34	8.6	0.8	1.6	1.6	31.0	0.12	0.62	0.26	74	0.15	0.046	10.1	31.4	0.62	77.9	0.125	1
MFS007	5.6	512	2.25	5.8	0.8	1.6	1.5	37.5	0.08	0.23	0.12	46	0.12	0.025	7.9	21.7	0.45	55.2	0.067	<1
MFS008	6.2	431	2.49	6.8	0.7	0.7	1.0	22.6	0.11	0.38	0.13	57	0.13	0.039	8.8	26.3	0.48	59.7	0.081	2
MFS009	8.5	596	2.57	8.4	1.0	1.7	1.6	39.0	0.16	0.30	0.19	60	0.16	0.046	13.9	27.5	0.48	83.6	0.086	2
MFS010	6.3	500	2.33	6.5	0.8	1.3	2.9	18.7	0.14	0.62	0.13	42	0.13	0.040	17.6	21.8	0.47	67.3	0.070	<1
MFS011	8.0	463	2.36	6.3	0.6	1.7	2.9	49.7	0.04	0.29	0.12	51	0.21	0.040	12.1	24.9	0.48	86.5	0.093	<1
MFS012	6.0	289	2.09	4.0	0.4	0.6	1.9	23.8	0.08	0.17	0.13	58	0.18	0.056	10.4	14.8	0.28	67.5	0.089	1
MFS013	3.8	225	1.42	2.4	0.9	1.2	0.6	24.2	0.08	0.13	0.06	35	0.15	0.047	9.9	13.0	0.25	80.2	0.053	<1
MFS014	5.3	352	1.86	3.9	0.7	6.7	3.5	35.7	0.16	0.24	0.08	43	0.32	0.068	13.8	21.9	0.47	96.8	0.088	<1
MFS015	3.2	258	2.12	7.1	0.5	0.8	2.8	29.5	0.06	0.39	0.08	40	0.21	0.054	9.6	15.4	0.32	76.2	0.062	<1
MFS016	10.5	512	2.77	7.5	0.6	3.6	3.8	19.4	0.14	0.29	0.16	58	0.24	0.070	11.3	32.0	0.54	105.8	0.092	<1
MFS018	7.1	615	2.17	4.3	0.5	4.8	3.7	20.3	0.08	0.19	0.11	43	0.23	0.057	15.9	22.0	0.47	115.5	0.066	<1
MFS019	8.5	500	2.37	5.1	0.5	7.5	2.8	12.7	0.14	0.26	0.19	47	0.15	0.046	9.9	24.1	0.45	62.2	0.060	1
MFS020	10.0	895	2.44	4.9	0.5	2.6	3.9	10.9	0.05	0.19	0.09	41	0.16	0.075	12.8	20.4	0.49	55.1	0.069	1
MFS021	5.1	269	2.23	4.1	0.5	2.4	2.4	17.3	0.09	0.24	0.16	60	0.16	0.033	9.9	22.0	0.38	71.7	0.087	1
MFS022	9.9	760	2.95	4.7	0.7	1.5	5.7	34.7	0.07	0.24	0.15	62	0.30	0.098	18.3	24.1	0.69	117.6	0.103	1
MFS023	7.1	401	2.77	5.8	0.5	2.0	3.8	28.4	0.04	0.21	0.15	58	0.18	0.039	12.3	23.5	0.50	87.7	0.093	<1
MFS024	9.1	464	4.00	8.6	0.6	1.7	3.6	22.3	0.13	0.35	0.16	75	0.22	0.061	11.0	36.7	0.65	90.2	0.134	2
MFS025	6.9	418	2.74	5.3	0.5	3.4	2.4	32.7	0.09	0.20	0.14	65	0.20	0.047	10.0	21.9	0.48	96.0	0.113	1
MFS026	9.4	322	3.18	8.8	0.5	3.0	3.2	18.6	0.13	0.36	0.17	72	0.19	0.038	11.2	36.9	0.51	111.8	0.127	2
MFS027	6.5	353	2.65	6.3	0.6	1.6	3.2	21.0	0.05	0.25	0.15	63	0.21	0.031	11.4	29.3	0.52	100.1	0.106	1
MFS028	9.5	668	2.99	5.5	0.8	17.7	5.2	42.2	0.12	0.20	0.19	65	0.35	0.105	16.6	28.7	0.68	99.0	0.124	2
MFS029	6.7	335	3.22	7.8	0.5	0.4	2.6	17.1	0.18	0.33	0.27	85	0.18	0.045	9.9	31.7	0.48	105.0	0.127	1
MFS030	11.0	445	3.59	10.5	0.6	1.2	3.7	24.6	0.08	0.35	0.19	82	0.21	0.048	12.2	38.0	0.66	179.3	0.142	2
MFS031	6.3	343	2.60	5.8	0.5	<0.2	3.4	20.5	0.02	0.26	0.16	69	0.23	0.040	12.6	31.0	0.52	147.5	0.137	<1
MFS032	4.7	289	2.71	6.2	0.3	1.6	2.2	13.4	0.11	0.34	0.20	78	0.10	0.030	8.1	19.8	0.21	73.9	0.110	<1
MFS033	5.0	599	1.54	2.5	0.5	1.3	1.9	28.4	0.16	0.18	0.18	45	0.25	0.016	11.7	18.5	0.32	113.5	0.105	<1
MFS034	10.0	415	3.45	9.5	0.6	3.3	2.3	28.6	0.10	0.36	0.13	81	0.24	0.068	9.1	31.9	0.63	148.4	0.144	<1
MFS035	10.7	499	2.37	7.3	0.5	8.3	1.3	41.5	0.16	0.24	0.06	59	0.56	0.097	8.6	29.9	0.63	111.6	0.095	2
MFS036	13.1	397	2.56	6.2	0.2	2.2	0.9	46.6	0.08	0.12	0.05	73	0.56	0.041	4.0	23.6	0.90	103.2	0.185	<1
MFS037	10.8	458	2.06	6.1	0.4	2.5	0.9	43.0	0.04	0.11	0.06	55	0.60	0.048	7.1	23.4	0.58	117.1	0.098	<1
MFS038	8.0	266	2.53	7.6	0.4	1.9	1.6	28.8	0.04	0.18	0.13	69	0.38	0.058	8.6	30.1	0.53	150.1	0.098	<1
MFS039	8.5	348	2.45	7.5	0.3	1.9	1.2	29.2	0.09	0.21	0.08	75	0.41	0.047	5.4	24.2	0.49	78.0	0.095	1
MFS040	10.7	337	2.41	7.8	0.3	0.8	1.2	32.8	0.07	0.22	0.07	72	0.43	0.062	4.7	32.6	0.53	84.6	0.085	2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1
Sample	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**
AFS001	2.30	0.010	0.16	0.1	4.3	0.12	0.02	32	0.3	0.06	8.0	1.68	<0.1	0.06	0.87	17.2	2.0	<0.05	2.1
AFS002	1.08	0.027	0.05	<0.1	4.0	0.06	0.10	102	0.3	0.03	3.5	0.47	<0.1	<0.02	0.46	4.9	0.7	<0.05	1.2
AFS005	1.74	0.013	0.11	0.1	3.5	0.10	<0.02	11	0.2	0.07	7.2	1.26	<0.1	0.03	0.85	18.0	3.4	<0.05	1.6
AFS008	1.58	0.018	0.13	0.2	3.5	0.11	<0.02	26	0.1	0.06	7.3	1.10	<0.1	0.04	0.88	16.3	1.6	<0.05	2.3
AFS009	1.34	0.010	0.06	<0.1	2.9	0.11	<0.02	10	0.3	<0.02	7.2	1.07	<0.1	0.03	0.94	13.3	1.5	<0.05	1.2
AFS010	1.19	0.015	0.09	0.1	2.3	0.10	<0.02	27	0.1	0.09	7.5	0.97	<0.1	0.03	1.05	17.1	0.9	<0.05	1.5
AFS011	2.27	0.010	0.08	<0.1	3.9	0.15	<0.02	31	0.1	0.04	9.7	1.61	<0.1	0.07	1.39	22.9	1.3	<0.05	2.8
AFS012	2.10	0.011	0.13	0.1	3.4	0.13	<0.02	13	<0.1	0.09	7.8	1.12	<0.1	0.05	0.78	20.1	1.1	<0.05	1.7
AFS013	2.29	0.011	0.12	0.2	3.9	0.12	<0.02	20	0.5	0.08	8.3	1.48	<0.1	0.05	1.21	20.0	1.6	<0.05	2.4
AFS014	2.84	0.012	0.11	0.1	5.3	0.14	<0.02	21	0.2	0.06	8.9	1.58	<0.1	0.08	1.28	18.0	1.2	<0.05	4.8
AFS015	3.74	0.004	0.29	0.1	9.8	0.28	<0.02	29	0.5	0.15	10.7	2.68	<0.1	0.04	0.90	34.0	2.1	<0.05	3.4
AFS016	2.24	0.011	0.17	<0.1	5.2	0.15	0.02	36	0.4	0.03	8.5	1.45	<0.1	0.03	1.17	32.1	3.3	<0.05	2.2
AFS017	1.77	0.013	0.12	<0.1	4.2	0.14	0.03	23	0.3	<0.02	8.7	1.18	<0.1	0.02	1.30	24.4	1.4	<0.05	1.1
AFS018	1.46	0.014	0.18	0.1	3.3	0.15	<0.02	12	<0.1	0.07	7.7	1.43	<0.1	<0.02	0.98	28.7	4.5	<0.05	1.1
AFS019	1.72	0.011	0.06	<0.1	3.0	0.11	<0.02	19	0.2	<0.02	6.6	1.14	<0.1	0.02	1.04	15.0	2.7	<0.05	1.5
AFS020	2.58	0.009	0.14	0.1	5.3	0.15	<0.02	14	0.3	0.08	7.5	2.09	<0.1	0.04	0.87	23.4	1.5	<0.05	2.5
AFS022	2.17	0.010	0.08	<0.1	3.9	0.14	<0.02	19	0.3	0.06	9.4	1.50	<0.1	0.08	1.30	17.6	1.5	<0.05	3.1
AFS023	2.00	0.009	0.09	<0.1	3.6	0.13	<0.02	23	0.2	0.08	8.4	1.38	<0.1	0.03	0.97	16.4	2.0	<0.05	1.4
AFS024	1.86	0.011	0.07	<0.1	4.0	0.13	<0.02	10	<0.1	0.16	9.5	1.01	<0.1	0.02	0.84	15.9	2.4	<0.05	1.9
AFS025	1.74	0.010	0.06	<0.1	3.7	0.12	<0.02	<5	0.1	0.09	9.4	0.94	<0.1	0.05	0.88	15.1	2.3	<0.05	1.8
AFS027	0.49	0.022	0.03	<0.1	0.6	0.04	0.04	30	0.3	0.05	1.8	0.43	<0.1	<0.02	0.23	5.9	0.8	<0.05	0.1
AFS028	2.18	0.012	0.09	<0.1	4.6	0.14	<0.02	10	0.3	0.06	8.1	1.28	<0.1	0.09	0.85	16.9	1.3	<0.05	2.7
AFS029	2.82	0.009	0.10	<0.1	5.6	0.15	<0.02	34	0.5	0.08	8.5	1.48	<0.1	0.12	0.60	13.5	1.8	<0.05	4.5
AFS030	1.67	0.020	0.07	<0.1	2.8	0.10	<0.02	17	<0.1	<0.02	6.2	0.88	<0.1	0.03	0.55	14.9	2.3	<0.05	1.1
AFS031	1.67	0.015	0.08	0.1	2.8	0.09	<0.02	20	0.2	0.06	5.8	0.88	<0.1	0.03	0.76	12.7	2.4	<0.05	1.6
AFS032	1.96	0.010	0.06	<0.1	3.0	0.09	<0.02	7	0.1	0.09	6.8	1.02	<0.1	<0.02	0.75	11.8	2.8	<0.05	0.5
AFS033	2.52	0.010	0.09	<0.1	4.8	0.14	<0.02	37	0.3	<0.02	7.9	1.16	<0.1	0.03	0.88	13.5	3.0	<0.05	1.4
AFS034	1.51	0.012	0.05	<0.1	2.9	0.11	<0.02	11	<0.1	0.06	6.2	0.80	0.1	0.03	0.66	10.5	1.4	<0.05	1.1
AFS035	1.20	0.022	0.25	<0.1	5.4	0.12	0.03	20	0.1	0.08	4.4	1.56	<0.1	0.07	0.62	19.9	0.6	<0.05	2.1
AFS036	1.14	0.018	0.08	<0.1	4.6	0.05	<0.02	20	<0.1	0.03	3.6	0.74	0.1	<0.02	0.36	7.8	0.6	<0.05	1.5
AFS037	0.66	0.022	0.06	<0.1	1.8	0.04	<0.02	29	<0.1	<0.02	2.5	0.56	<0.1	<0.02	0.37	6.7	0.3	<0.05	0.6
AFS038	1.53	0.015	0.16	<0.1	7.6	0.08	<0.02	60	<0.1	0.03	5.5	0.88	<0.1	0.07	0.49	10.3	3.7	<0.05	2.6
AFS040	1.08	0.017	0.11	0.1	5.4	0.06	<0.02	51	<0.1	<0.02	3.6	0.88	<0.1	0.05	0.51	8.4	0.6	<0.05	2.3
AFS041	1.29	0.013	0.11	0.1	3.8	0.07	<0.02	42	<0.1	<0.02	4.4	1.31	<0.1	0.03	0.64	15.9	1.6	<0.05	1.7
AFS042	1.02	0.029	0.08	<0.1	3.4	0.06	<0.02	15	<0.1	0.03	3.7	0.76	<0.1	0.03	0.58	8.7	1.4	<0.05	1.0
AFS043	0.14	0.047	0.06	<0.1	0.4	<0.02	<0.02	9	<0.1	<0.02	0.8	0.04	<0.1	<0.02	0.10	1.9	<0.1	<0.05	0.2
AFS045	1.33	0.026	0.15	0.1	3.5	0.08	0.03	60	<0.1	0.15	5.3	0.42	<0.1	<0.02	0.48	13.5	1.4	<0.05	0.4
AFS046	1.37	0.013	0.10	<0.1	6.0	0.10	<0.02	56	<0.1	0.03	4.2	1.08	0.1	0.07	0.67	11.3	1.0	<0.05	3.4
AFS047	0.94	0.021	0.09	0.1	3.7	0.07	<0.02	20	<0.1	<0.02	3.2	0.72	<0.1	0.05	0.49	7.9	1.3	<0.05	1.8
AFS048	0.97	0.018	0.11	0.1	5.2	0.09	<0.02	47	<0.1	0.02	3.6	1.09	<0.1	0.08	0.32	8.1	5.2	<0.05	3.5
AFS052	1.33	0.022	0.29	0.1	6.7	0.11	<0.02	32	<0.1	0.04	4.3	0.90	0.1	0.06	0.61	18.3	0.8	<0.05	3.0
DFS001	2.86	0.003	0.13	0.1	4.5	0.12	<0.02	46	0.2	0.03	8.3	1.51	<0.1	0.04	1.39	14.6	1.4	<0.05	2.2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1
Sample	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**
DFS002	2.54	0.007	0.14	0.2	5.2	0.13	<0.02	29	<0.1	0.03	6.3	1.43	<0.1	0.06	0.95	16.8	2.3	<0.05	3.0
DFS003	0.43	0.043	0.04	<0.1	0.9	<0.02	<0.02	21	<0.1	<0.02	1.6	0.22	<0.1	<0.02	0.25	3.3	0.3	<0.05	0.3
DFS004	1.32	0.028	0.06	<0.1	3.6	0.07	0.03	55	<0.1	<0.02	3.9	0.84	<0.1	<0.02	0.42	5.6	1.0	<0.05	0.6
DFS005	0.30	0.032	0.02	<0.1	1.1	0.02	0.04	31	<0.1	0.07	1.8	0.23	<0.1	<0.02	0.14	1.8	0.6	<0.05	0.3
DFS006	2.23	0.023	0.10	<0.1	4.8	0.13	0.04	63	0.1	0.05	5.9	1.37	<0.1	<0.02	0.67	12.7	1.6	<0.05	0.7
DFS007	1.62	0.015	0.07	<0.1	4.0	0.09	0.04	55	<0.1	0.08	4.9	1.13	<0.1	<0.02	0.69	11.0	1.9	<0.05	0.9
DFS008	1.36	0.016	0.06	0.1	4.4	0.09	<0.02	62	<0.1	<0.02	4.3	0.92	<0.1	0.05	0.73	7.9	1.5	<0.05	2.1
DFS009	0.83	0.025	0.06	<0.1	2.0	0.05	<0.02	21	<0.1	<0.02	3.3	0.53	<0.1	<0.02	0.57	8.3	2.4	<0.05	0.7
DFS010	2.06	0.014	0.13	0.1	5.0	0.11	0.03	42	<0.1	0.03	6.6	1.32	<0.1	0.04	0.90	17.7	4.3	<0.05	1.3
DFS011	0.32	0.029	0.03	<0.1	0.5	0.02	<0.02	13	<0.1	<0.02	1.4	0.15	<0.1	<0.02	0.11	2.0	0.2	<0.05	0.2
DFS012	1.87	0.007	0.09	0.1	3.5	0.10	<0.02	23	<0.1	0.05	6.4	1.14	<0.1	0.03	0.90	16.0	1.7	<0.05	2.0
DFS013	2.96	0.002	0.09	0.2	5.0	0.13	<0.02	37	<0.1	0.05	8.4	1.23	<0.1	0.03	0.96	14.1	1.8	<0.05	2.0
DFS014	2.71	0.003	0.10	0.1	4.8	0.12	<0.02	27	0.2	0.08	6.5	1.35	<0.1	0.06	1.31	14.6	3.1	<0.05	3.3
DFS015	1.93	0.002	0.15	0.1	4.7	0.15	<0.02	23	<0.1	0.05	8.6	1.50	<0.1	0.06	1.02	19.6	2.4	<0.05	3.4
DFS016	3.04	<0.001	0.20	<0.1	4.9	0.17	<0.02	27	<0.1	0.02	7.8	1.58	<0.1	0.06	1.01	22.0	1.7	<0.05	2.6
DFS017	2.75	0.002	0.12	0.2	5.6	0.13	<0.02	41	0.2	0.09	6.8	1.54	<0.1	0.09	1.16	15.9	1.5	<0.05	4.8
DFS018	1.57	0.010	0.08	0.1	3.0	0.13	<0.02	38	0.1	0.02	6.7	1.29	<0.1	0.02	0.97	20.6	0.8	<0.05	1.1
DFS019	2.34	<0.001	0.09	0.1	3.6	0.10	<0.02	20	<0.1	0.09	9.1	1.29	0.1	0.05	1.09	14.9	1.6	<0.05	2.5
DFS020	2.84	0.007	0.10	0.1	5.0	0.13	<0.02	17	0.6	0.10	8.1	1.45	<0.1	0.08	1.20	14.9	1.5	<0.05	3.4
DFS021	2.26	0.008	0.12	0.2	4.6	0.13	<0.02	40	<0.1	<0.02	7.3	1.58	<0.1	0.10	1.57	18.7	0.8	<0.05	4.1
DFS022	1.88	0.012	0.09	0.2	3.6	0.10	<0.02	25	<0.1	<0.02	6.1	1.25	<0.1	0.08	1.23	15.8	0.8	<0.05	3.4
DFS023	2.08	0.008	0.20	<0.1	5.2	0.15	<0.02	<5	<0.1	<0.02	9.1	1.39	<0.1	0.05	0.81	24.3	1.5	<0.05	1.6
DFS024	3.01	0.010	0.13	0.1	5.0	0.18	<0.02	48	0.2	0.03	9.7	1.99	<0.1	0.07	1.42	27.5	1.7	<0.05	3.3
DFS025	2.55	0.010	0.14	0.1	4.9	0.14	<0.02	14	0.2	0.15	7.3	1.69	<0.1	0.07	1.04	18.2	1.1	<0.05	2.8
DFS026	2.08	0.021	0.09	<0.1	3.5	0.10	<0.02	13	<0.1	0.07	7.0	0.63	<0.1	<0.02	0.55	11.2	2.4	<0.05	1.1
DFS027	1.52	0.010	0.12	0.1	3.0	0.06	<0.02	11	<0.1	<0.02	6.2	0.51	<0.1	<0.02	0.48	25.1	0.9	<0.05	0.8
DFS028	1.88	0.012	0.05	<0.1	3.4	0.09	<0.02	15	0.2	<0.02	7.4	1.19	<0.1	0.05	0.91	11.2	1.3	<0.05	2.3
DFS029	0.98	0.022	0.04	<0.1	1.8	0.05	<0.02	6	<0.1	<0.02	4.2	0.55	<0.1	0.03	0.45	5.4	1.1	<0.05	1.3
DFS030	1.68	0.014	0.08	0.1	3.2	0.08	<0.02	9	<0.1	0.04	5.5	1.02	<0.1	0.04	0.84	14.5	1.2	<0.05	1.3
DFS031	1.32	0.013	0.06	<0.1	3.0	0.05	<0.02	<5	<0.1	0.02	4.7	0.58	<0.1	0.05	0.47	8.6	2.7	<0.05	1.9
DFS032	1.21	0.016	0.06	<0.1	2.8	0.05	<0.02	5	0.2	<0.02	4.3	0.53	<0.1	0.02	0.45	11.1	0.8	<0.05	1.5
DFS033	1.03	0.019	0.04	<0.1	2.1	0.06	<0.02	<5	<0.1	0.02	4.3	0.54	<0.1	0.02	0.66	7.1	0.7	<0.05	0.9
DFS034	1.44	0.016	0.09	<0.1	3.4	0.08	<0.02	11	<0.1	<0.02	4.6	0.64	<0.1	0.05	0.55	9.5	1.0	<0.05	2.2
DFS035	1.36	0.016	0.05	<0.1	3.9	0.08	<0.02	24	0.3	0.02	4.0	0.62	<0.1	0.05	0.46	6.7	2.8	<0.05	2.1
DFS036	1.90	0.011	0.06	<0.1	3.3	0.12	<0.02	9	0.2	<0.02	7.0	1.06	<0.1	0.03	0.87	11.6	0.8	<0.05	2.1
DFS037	1.08	0.017	0.03	0.1	1.6	0.06	<0.02	13	<0.1	<0.02	4.3	0.51	<0.1	0.02	0.60	5.6	2.2	<0.05	0.8
DFS038	1.04	0.018	0.06	0.1	2.9	0.05	<0.02	21	0.2	<0.02	3.2	0.44	<0.1	<0.02	0.44	4.5	2.6	<0.05	0.7
DFS039	1.44	0.017	0.07	0.1	3.3	0.07	<0.02	<5	<0.1	<0.02	4.5	0.71	<0.1	0.04	0.56	10.2	3.2	<0.05	0.7
MFS001	1.19	0.024	0.11	0.1	4.4	0.08	<0.02	17	0.3	<0.02	3.5	1.26	<0.1	0.06	0.23	8.6	0.9	<0.05	2.2
MFS002	1.58	0.018	0.11	<0.1	4.2	0.09	<0.02	28	0.2	0.03	4.0	1.18	<0.1	0.04	0.42	10.4	1.4	<0.05	1.9
MFS003	0.68	0.013	0.11	0.2	2.6	0.06	<0.02	12	<0.1	0.03	3.2	0.55	<0.1	0.06	0.16	7.3	2.0	<0.05	3.2
MFS004	1.96	0.010	0.16	<0.1	5.4	0.20	<0.02	6	0.2	<0.02	7.4	3.24	<0.1	0.03	0.39	26.6	1.5	<0.05	0.8
MFS005	2.37	0.007	0.18	0.1	5.3	0.22	<0.02	15	<0.1	<0.02	7.8	1.68	<0.1	0.02	0.63	30.9	1.5	<0.05	0.9

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr
	%	%	%	PPM	PPM	PPM	%	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	0.02	0.02	0.1	0.1	0.05	0.1
Sample	**Al_pct**	**Na_pct**	**K_pct**	**W_ppm**	**Sc_ppm**	**Tl_ppm**	**S_pct**	**Hg_ppb**	**Se_ppm**	**Te_ppm**	**Ga_ppm**	**Cs_ppm**	**Ge_ppm**	**Hf_ppm**	**Nb_ppm**	**Rb_ppm**	**Sn_ppm**	**Ta_ppm**	**Zr_ppm**
MFS006	1.80	0.008	0.11	4.7	4.0	0.15	0.05	64	1.1	0.16	8.1	1.88	<0.1	0.03	1.25	24.6	2.2	<0.05	1.0
MFS007	1.48	0.009	0.09	0.8	2.8	0.09	0.02	21	0.1	0.06	6.3	1.75	<0.1	<0.02	0.73	12.0	3.8	<0.05	0.6
MFS008	1.49	0.010	0.09	0.1	2.5	0.09	0.03	49	0.4	0.03	6.7	1.68	<0.1	<0.02	0.93	14.1	3.5	<0.05	0.6
MFS009	1.63	0.008	0.11	0.3	3.6	0.13	0.03	29	0.1	0.09	6.9	1.51	<0.1	0.04	0.93	15.3	1.9	<0.05	0.9
MFS010	1.77	0.009	0.10	0.2	3.5	0.10	0.02	41	0.1	0.05	5.0	5.23	<0.1	0.03	1.06	14.9	1.6	<0.05	1.1
MFS011	1.45	0.009	0.10	0.2	3.6	0.12	<0.02	27	0.2	<0.02	5.3	1.43	<0.1	0.03	1.12	13.3	4.6	<0.05	1.4
MFS012	1.11	0.016	0.06	0.1	2.2	0.05	<0.02	10	0.2	0.05	5.0	0.78	<0.1	0.02	0.61	8.7	1.5	<0.05	1.9
MFS013	0.91	0.022	0.06	0.1	1.8	0.06	0.03	33	0.2	0.07	3.7	0.68	<0.1	<0.02	0.49	8.7	1.2	<0.05	0.8
MFS014	1.12	0.011	0.10	0.1	3.4	0.09	<0.02	9	<0.1	0.08	3.7	1.00	<0.1	0.05	0.59	11.6	1.1	<0.05	2.9
MFS015	1.06	0.008	0.09	<0.1	2.3	0.09	<0.02	<5	0.3	0.04	3.9	1.22	<0.1	0.03	0.64	10.8	0.8	<0.05	1.2
MFS016	2.14	0.009	0.08	0.2	4.3	0.13	<0.02	22	0.4	<0.02	6.1	1.22	<0.1	0.07	1.07	11.5	8.5	<0.05	3.5
MFS018	1.65	0.008	0.09	0.1	3.8	0.10	<0.02	11	0.2	0.07	4.7	2.30	<0.1	0.03	0.70	13.2	1.9	<0.05	1.5
MFS019	2.03	0.008	0.09	0.2	3.7	0.08	<0.02	29	0.2	0.05	4.7	2.19	<0.1	0.03	0.93	10.6	1.0	<0.05	1.4
MFS020	1.97	0.008	0.17	<0.1	4.8	0.16	<0.02	35	0.1	<0.02	5.3	1.70	<0.1	0.02	1.22	22.9	5.8	<0.05	1.4
MFS021	1.43	0.008	0.05	<0.1	3.2	0.11	<0.02	13	0.2	<0.02	7.5	1.11	<0.1	0.05	1.17	7.9	1.2	<0.05	1.7
MFS022	1.90	0.010	0.20	<0.1	4.7	0.19	<0.02	11	<0.1	0.06	7.5	1.91	0.1	0.04	0.77	26.5	2.6	<0.05	1.9
MFS023	1.89	0.009	0.12	0.1	4.5	0.11	<0.02	16	0.2	0.03	7.1	1.23	0.1	0.05	1.10	14.8	1.1	<0.05	1.8
MFS024	3.10	0.007	0.12	0.2	5.7	0.15	0.02	40	0.5	0.04	8.9	1.80	<0.1	0.05	2.04	18.0	2.1	<0.05	3.0
MFS025	1.44	0.014	0.13	<0.1	3.7	0.13	<0.02	6	0.1	<0.02	7.0	1.78	<0.1	0.03	0.93	34.0	1.9	<0.05	1.6
MFS026	2.85	0.010	0.10	0.2	4.6	0.11	<0.02	54	0.2	0.02	7.1	1.84	<0.1	0.08	1.73	15.5	1.2	<0.05	3.8
MFS027	1.63	0.010	0.09	0.2	3.8	0.09	<0.02	13	0.2	<0.02	6.6	2.05	<0.1	0.05	1.01	15.8	1.1	<0.05	2.4
MFS028	2.07	0.010	0.18	0.5	5.3	0.15	<0.02	24	0.2	0.09	7.4	5.59	<0.1	0.05	0.93	23.0	2.2	<0.05	2.8
MFS029	1.97	0.009	0.10	0.2	4.4	0.13	<0.02	19	<0.1	0.10	9.8	2.44	<0.1	0.05	1.25	17.0	2.0	<0.05	1.7
MFS030	2.96	0.010	0.13	0.2	5.0	0.14	<0.02	31	0.2	0.02	8.8	2.37	<0.1	0.07	1.28	26.4	1.9	<0.05	3.3
MFS031	1.71	0.014	0.09	0.2	3.8	0.12	<0.02	<5	<0.1	0.05	6.2	1.23	<0.1	0.07	1.25	21.8	1.2	<0.05	3.6
MFS032	1.33	0.007	0.04	0.1	2.5	0.09	<0.02	10	0.1	0.02	9.3	0.93	<0.1	0.07	1.53	9.6	1.8	<0.05	3.1
MFS033	0.95	0.011	0.08	<0.1	2.4	0.09	<0.02	9	<0.1	0.02	5.5	0.82	<0.1	0.04	1.41	27.6	0.9	<0.05	1.8
MFS034	2.74	0.011	0.10	0.2	4.9	0.14	<0.02	46	0.3	0.07	9.2	1.70	<0.1	0.07	1.42	13.6	2.6	<0.05	3.1
MFS035	1.33	0.019	0.13	<0.1	4.8	0.08	<0.02	41	<0.1	<0.02	4.0	1.16	<0.1	<0.02	0.52	14.7	1.2	<0.05	1.2
MFS036	1.61	0.015	0.14	<0.1	3.2	0.05	<0.02	8	0.1	<0.02	4.2	1.06	<0.1	0.07	0.51	10.6	1.5	<0.05	2.7
MFS037	1.23	0.020	0.11	<0.1	3.4	0.06	<0.02	24	0.2	0.02	3.8	0.97	<0.1	0.03	0.60	11.0	0.9	<0.05	1.5
MFS038	1.70	0.013	0.08	0.1	4.0	0.09	<0.02	15	<0.1	0.05	5.3	0.97	<0.1	0.06	0.91	12.0	1.4	<0.05	1.6
MFS039	1.49	0.011	0.05	0.1	3.5	0.05	<0.02	19	0.2	<0.02	4.8	0.70	<0.1	0.05	0.61	8.4	1.0	<0.05	2.3
MFS040	1.45	0.013	0.06	0.1	3.7	0.06	<0.02	16	<0.1	<0.02	4.9	0.89	<0.1	0.04	0.48	10.8	3.6	<0.05	2.3

	AQ251 Y PPM	AQ251 Ce PPM	AQ251 In PPM	AQ251 Re PPB	AQ251 Be PPM	AQ251 Li PPM	AQ251 Pd PPB	AQ251 Pt PPB
	0.01	0.1	0.02	1	0.1	0.1	10	2
Sample	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
AFS001	4.10	24.7	0.03	<1	0.3	16.0	<10	<2
AFS002	24.96	62.1	<0.02	<1	0.6	3.2	<10	<2
AFS005	3.34	17.1	<0.02	1	0.4	11.4	<10	<2
AFS008	3.45	18.9	<0.02	<1	0.3	14.1	<10	<2
AFS009	2.31	15.2	<0.02	<1	0.1	9.2	<10	<2
AFS010	2.27	14.9	<0.02	<1	0.3	9.0	<10	<2
AFS011	3.35	19.6	0.02	<1	0.3	19.0	<10	<2
AFS012	2.62	16.9	<0.02	1	0.3	16.5	<10	<2
AFS013	2.46	14.6	0.03	<1	0.2	15.5	<10	<2
AFS014	3.53	20.8	<0.02	<1	0.4	18.9	<10	<2
AFS015	9.55	30.7	<0.02	<1	0.7	21.9	<10	<2
AFS016	4.00	21.8	0.03	<1	0.5	21.6	<10	<2
AFS017	2.76	20.1	<0.02	<1	0.2	17.8	<10	<2
AFS018	3.63	22.9	0.02	<1	0.2	10.3	<10	<2
AFS019	2.97	17.9	<0.02	1	0.3	11.7	<10	<2
AFS020	3.84	19.8	0.03	<1	0.4	16.6	<10	<2
AFS022	3.09	18.0	0.03	<1	0.6	20.2	<10	<2
AFS023	2.99	17.9	<0.02	<1	0.2	17.5	<10	4
AFS024	3.22	17.9	0.03	1	0.3	15.2	<10	<2
AFS025	3.06	16.5	<0.02	<1	0.3	13.8	<10	<2
AFS027	6.05	19.7	<0.02	<1	0.3	1.5	<10	<2
AFS028	3.32	18.3	0.03	<1	0.4	16.2	<10	<2
AFS029	3.53	20.1	0.02	1	0.6	15.8	<10	<2
AFS030	2.60	15.3	<0.02	<1	0.3	9.1	<10	<2
AFS031	2.23	11.3	<0.02	<1	0.2	10.1	<10	<2
AFS032	4.36	11.4	<0.02	<1	0.5	9.4	<10	<2
AFS033	2.56	15.4	<0.02	<1	0.6	15.4	<10	<2
AFS034	2.66	14.2	<0.02	<1	0.4	11.1	<10	<2
AFS035	4.00	19.4	0.02	<1	0.4	9.8	<10	<2
AFS036	4.42	15.5	0.03	1	0.2	5.1	<10	<2
AFS037	2.20	9.8	<0.02	<1	0.1	3.4	<10	<2
AFS038	9.70	32.3	<0.02	<1	0.5	10.7	<10	4
AFS040	7.28	17.4	<0.02	<1	0.2	5.3	<10	<2
AFS041	3.55	14.4	<0.02	<1	0.3	7.3	<10	2
AFS042	4.97	23.3	0.02	<1	<0.1	6.8	<10	<2
AFS043	0.84	5.6	<0.02	<1	<0.1	0.4	<10	<2
AFS045	6.99	40.0	<0.02	<1	0.5	9.6	<10	<2
AFS046	6.65	20.7	<0.02	1	0.3	6.5	<10	2
AFS047	3.73	13.8	<0.02	<1	0.2	4.5	<10	<2
AFS048	7.73	22.4	<0.02	1	0.5	5.1	<10	4
AFS052	5.82	28.6	<0.02	<1	0.3	7.7	<10	<2
DFS001	3.28	21.2	0.03	<1	0.4	19.5	<10	<2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Y	Ce	In	Re	Be	Li	Pd	Pt
	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB
	0.01	0.1	0.02	1	0.1	0.1	10	2
Sample	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
DFS002	4.41	30.1	0.04	<1	0.5	16.1	<10	<2
DFS003	4.36	14.3	<0.02	<1	0.2	1.6	<10	<2
DFS004	4.19	15.4	<0.02	<1	0.2	4.2	<10	<2
DFS005	2.33	8.1	<0.02	<1	<0.1	0.6	<10	<2
DFS006	3.98	16.1	0.02	<1	0.3	9.2	<10	<2
DFS007	5.53	19.1	<0.02	<1	<0.1	8.9	<10	<2
DFS008	7.40	26.1	<0.02	<1	0.3	9.3	<10	<2
DFS009	3.76	14.5	<0.02	<1	0.1	5.4	<10	<2
DFS010	7.89	28.8	0.02	<1	0.8	10.7	<10	<2
DFS011	2.11	8.3	<0.02	<1	0.1	1.1	<10	<2
DFS012	3.33	22.7	0.02	<1	0.3	15.7	<10	<2
DFS013	4.47	32.4	0.04	<1	0.8	19.3	<10	<2
DFS014	4.88	33.4	0.02	<1	0.5	18.4	<10	<2
DFS015	4.92	35.3	<0.02	<1	0.5	20.8	<10	<2
DFS016	4.74	34.4	<0.02	<1	0.4	26.4	<10	<2
DFS017	4.93	32.6	0.03	<1	0.6	16.8	<10	<2
DFS018	4.12	20.8	0.04	<1	0.6	12.8	<10	<2
DFS019	2.71	20.6	0.04	<1	0.3	17.4	<10	<2
DFS020	4.07	25.3	0.05	<1	0.8	19.7	<10	<2
DFS021	3.30	22.8	0.05	<1	0.4	18.4	<10	<2
DFS022	2.82	18.5	0.02	<1	0.4	15.6	<10	<2
DFS023	4.68	27.2	<0.02	<1	0.2	28.6	<10	2
DFS024	4.92	33.2	0.02	<1	0.4	27.0	<10	<2
DFS025	3.63	23.3	<0.02	<1	0.4	20.4	<10	<2
DFS026	2.62	15.3	<0.02	<1	0.5	14.2	<10	<2
DFS027	2.14	8.4	<0.02	<1	<0.1	9.9	<10	<2
DFS028	2.34	12.3	0.03	<1	<0.1	12.8	<10	<2
DFS029	1.14	6.1	<0.02	2	<0.1	6.7	<10	<2
DFS030	2.88	16.0	<0.02	<1	0.2	9.2	<10	<2
DFS031	2.14	9.0	<0.02	<1	<0.1	7.4	<10	<2
DFS032	2.24	10.7	<0.02	<1	0.2	6.9	<10	<2
DFS033	1.99	11.2	<0.02	<1	0.1	6.6	<10	<2
DFS034	3.13	14.5	<0.02	<1	0.4	8.7	<10	3
DFS035	2.43	12.2	0.03	<1	0.3	6.8	<10	<2
DFS036	2.70	15.7	<0.02	<1	0.4	10.6	<10	<2
DFS037	1.47	7.3	0.02	<1	<0.1	6.0	<10	<2
DFS038	2.92	19.8	<0.02	<1	<0.1	4.3	<10	6
DFS039	2.36	11.2	<0.02	<1	0.3	7.1	<10	4
MFS001	4.89	16.7	<0.02	2	0.4	5.6	<10	<2
MFS002	2.94	12.7	<0.02	<1	0.2	11.4	<10	2
MFS003	6.92	32.3	<0.02	1	<0.1	5.1	<10	<2
MFS004	11.28	73.5	0.03	<1	0.6	21.9	<10	<2
MFS005	6.26	65.6	<0.02	<1	0.5	25.6	<10	<2

	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
	Y	Ce	In	Re	Be	Li	Pd	Pt
	PPM	PPM	PPM	PPB	PPM	PPM	PPB	PPB
	0.01	0.1	0.02	1	0.1	0.1	10	2
Sample	**Y_ppm**	**Ce_ppm**	**In_ppm**	**Re_ppb**	**Be_ppm**	**Li_ppm**	**Pd_ppb**	**Pt_ppb**
MFS006	3.56	27.5	<0.02	<1	0.2	18.6	<10	<2
MFS007	6.71	32.7	<0.02	<1	0.1	11.2	<10	<2
MFS008	3.28	22.7	<0.02	<1	0.3	15.9	<10	<2
MFS009	6.96	32.7	<0.02	1	0.3	13.0	<10	<2
MFS010	10.87	35.5	<0.02	1	0.6	20.4	<10	<2
MFS011	5.21	28.7	<0.02	<1	0.4	14.8	<10	3
MFS012	4.50	18.8	0.03	<1	0.2	7.6	<10	<2
MFS013	5.37	18.3	<0.02	<1	0.4	6.5	<10	3
MFS014	6.72	27.1	0.03	<1	0.4	12.3	<10	<2
MFS015	4.77	18.2	<0.02	2	0.1	9.9	<10	<2
MFS016	4.90	24.1	0.04	<1	0.6	15.8	<10	3
MFS018	7.42	37.1	<0.02	<1	0.5	11.9	<10	<2
MFS019	4.08	24.7	<0.02	<1	0.2	14.0	<10	<2
MFS020	8.92	44.7	<0.02	<1	0.3	19.8	<10	<2
MFS021	3.72	20.9	0.02	<1	0.2	11.3	<10	<2
MFS022	6.19	51.9	0.04	1	0.5	18.4	<10	<2
MFS023	5.59	35.8	<0.02	<1	0.4	15.5	<10	<2
MFS024	4.88	31.4	0.03	<1	0.6	25.4	<10	<2
MFS025	4.00	23.3	0.02	<1	0.4	12.4	<10	<2
MFS026	3.83	25.4	0.02	<1	0.4	18.6	<10	<2
MFS027	5.08	23.4	0.02	1	0.2	15.4	<10	<2
MFS028	7.36	38.7	0.03	<1	0.6	18.4	<10	<2
MFS029	3.47	23.3	0.03	3	0.2	13.6	<10	<2
MFS030	4.25	28.4	0.04	<1	0.6	23.8	<10	<2
MFS031	4.27	22.9	0.03	4	0.5	15.6	<10	<2
MFS032	2.18	16.2	<0.02	<1	0.2	7.7	<10	<2
MFS033	4.76	21.6	0.02	<1	0.3	5.9	<10	<2
MFS034	3.93	21.0	<0.02	2	0.6	19.4	<10	<2
MFS035	5.37	18.3	0.03	<1	0.4	6.8	<10	<2
MFS036	2.56	8.6	0.03	<1	0.2	13.1	<10	<2
MFS037	3.85	14.6	<0.02	<1	0.2	5.5	<10	<2
MFS038	4.12	17.9	<0.02	<1	0.4	13.0	<10	<2
MFS039	2.66	10.8	<0.02	<1	0.1	7.5	<10	<2
MFS040	2.37	9.8	<0.02	<1	0.2	7.8	<10	2