ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: **Assessment Report for Geology, pXRF Soil Geochemistry and Diamond Drilling**

TOTAL COST: $220,678.20

AUTHOR(S): S, Kennedy
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): 1630693201801 MX-5-772

STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5763695, Nov 14, 2019

YEAR OF WORK: 2018

PROPERTY NAME: Silver Fox

CLAIM NAME(S) (on which work was done): 1045019, 1031154, 1019579, 999062, 1030808, 986838, 1019533, 986834, 1030811, 1049636, 1045018, 1030687, 519022

COMMODITIES SOUGHT:Cu-Pb-Zn-Ag

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Ft. Steele
NTS / BCGS:
LATITUDE: _____° _____' _____"
LONGITUDE: _____° _____' _____" (at centre of work)
UTM Zone:11 EASTING:588700 NORTHING:5457000

OWNER(S): R.D.Craig Kennedy

MAILING ADDRESS: 2290 Dewolfe Ave, Kimberley BC, V1A 1P5

OPERATOR(S) [who paid for the work]: Kootenay Silver Inc

MAILING ADDRESS: Suite 1650 - 1075 West Georgia St Vancouver, BC V6E 3C9

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)Base and precious metal (vein and stratabound) mineralization is hosted by Mesoproterozoic Belt-Purcell Supergroup sediments, mainly the Creston and Kitchener Fm. Paleo-proterozoic faults appear to be major fluid pathways.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Smith A. 1947 Geology Report on the Moyie Groups, St. Eugene Mining Corp.,

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Yeager D.A. 1983 Diamond Drilling and soil geochemistry on the Silver Pipe, Gulf International, BCEMPR, A.R. 10907.

Anderson D. and Schultze H.C. 1987/88 Rock Geochem of Well Cuttings from Well Hole d-8-c, Cominco Ltd., BCEMPR, two A.R. 16681 and 18128.

Stephenson, L. 1990 Mapping and Prospecting, Look property, Kokanee Exploration, BCEMPR, A.R. 20753.

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Stephenson, L. 1999 Magnetometer and VLF Survey, Erin Property, Kokanee Exploration, BCEMPR, A.R. 25799.

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Klein, J. 2006 Airborne EM and Mag Survey on the Moyie Lake and Monroe Lake Grids, St. Eugene Mining, BCEMPR, A.R. 28450, 41 pages.

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Kennedy, S. 2010 Prospecting, KRL Property, Kootenay Gold, BCEMPR, A.R. 31658.

Hoy, T. 2011 Geological Mapping and Rock Geochem, Silver Fox Property, Kootenay Gold, BCEMPR, A.R. 32645

Kennedy, C. 2012 Prospecting, Silver Fox Property, Kootenay Silver, BCEMPR, A.R. 33261.

Anderson, D. 2012 Geological Mapping, Silver Fox Property, Kootenay Silver, BCRMPR, A.R. 33379.

Anderson D. and Schultze H.C. 1987/88 Rock Geochem of Well Cuttings from Well Hole d-8-c, Cominco Ltd., BCEMPR, two A.R. 16681 and 18128.

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
1:5000 17x1.5 km		1045019, 1031154, 1019579, 999062, 1030808, 986838, 1019533, 986834, 1030811, 1049636, 1045018, 1030687, 519022	11,400
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres, number of holes, size, storage location)		999062	$140,212.98
Core 635 m, 2 holes HQ Vine property			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			

PREPATORY / PHYSICAL		
Line/grid (km)		
Topo/Photogrammetric (scale, area)		
Legal Surveys (scale, area)		
Road, local access (km)/trail		
Trench (number/metres)		
Underground development (metres)		
Other		
XRF		$69,065.22
Bags, Mic.		
Etc		
Transport		
Office		
studies/		
Drafting/		
Reporting/		
Data comp.		
Logging/		
Geotech/		
Rehab/		
Storage/		
Admin/		
Overhead		
	TOTAL COST	$220,678.20

Assessment Report for Geology, pXRF Soil Geochemistry and Diamond Drilling

Silver Fox Property

Southeastern British Columbia

NTS Mapsheet 082G/4
BCGS Map Sheets 082G022,023,032,033

Fort Steele Mining Division

Year of Work – 2018

UTMs near centre 596000E 5448000N

Latitude near centre 49.2°

Longitude 115.7°

Claim Owners:
R.D.C. Kennedy
c/o 2290 DeWolfe Ave., Kimberley B.C.
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Operator:
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Report by:

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Kimberley, BC

Reviewed by:
Jim McDonald, P. Geo
Vancouver, BC

February, 2019

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1.0 Introduction

The Silver Fox property covers a large package of land in southeastern BC from near Moyie Lake, south to the American border. The property covers the strike extent of approximately 38 km of stratigraphy belonging to the Creston Fm which is correlative to the Revett in Montana and Idaho. The property is being explored for sediment hosted Cu-Ag analogous to the Revett deposits of Montana and Idaho.

Previous work programs identified areas of anomalous geochemistry (rock, soils, silts), and favourable geology (lithologies, alteration, faults, folds) which were the focus of a 2017 drill program which targeted the upper portion of the Middle Creston Formation along broadly spaced intervals. This drilling identified numerous intervals of sparsely mineralized (Cu-Pb+/-Ag) stratigraphy associated with reduced rock packages and weak quartz-chlorite-carbonate veining.

In 2018 a program consisting of geological mapping/prospecting and pXRF soil sampling was completed along the basal member of the Middle Creston Fm (C2) for approximately 17 km from north of Barkshanty Creek to south of the headwaters of Teepee Creek. The purpose of the program was to provide additional surface detail for the basal C2 to help define an area for follow up drill testing.

Based on the work the Lower Creston-Middle Creston contact has been refined from previous mapping, the structural framework of the area has been enhanced, and alteration+/-geochemical patterns have been identified.

Three main areas were identified as having potential for drill testing. From north to south: Barkshanty, Silver Pipe, Sunrise Fault. Drill testing was ultimately recommended for the Barkshanty area based both on the local geology and ultimate drill depth.

2.0 Claims

The Silver Fox claim block is a contiguous set of claims from stretching from the U.S. border north through Ward creek, Haller creek, across the Teepee Creek drainage up onto the divide before dropping west towards Moyie Lake.

There is a total of 44 mineral tenures which comprise the Silver Fox and the area around the St. Eugene Mine. They are listed in the Tables below. The claims are registered to R.D. Craig Kennedy.

The claims now total 21,318 hectares over a distance of about 35 kilometers.

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
515408		2005/JUN/27	2020/SEP/14	2021/Dec/18	460	126.54	$ 3189.38	$ 0.00
519022	KRL	2005/AUG/13	2020/SEP/14	2021/Dec/18	460	527.41	$ 13293.52	$ 0.00
519048	KRL 2	2005/AUG/14	2020/SEP/14	2021/Dec/18	460	400.80	$ 10102.41	$ 0.00
1030689	KRL 03-05-14	2014/SEP/04	2020/SEP/14	2020/SEP/14	0	189.95	$ 0.00	$ 0.00
1030687	KRL 04-10-14	2014/SEP/04	2020/SEP/14	2020/SEP/14	0	527.57	$ 0.00	$ 0.00
1030691	KRL 04-10-14	2014/SEP/04	2020/SEP/14	2020/SEP/14	0	379.94	$ 0.00	$ 0.00
1030770	KRL 06-10-14	2014/SEP/06	2020/SEP/14	2020/SEP/14	0	527.93	$ 0.00	$ 0.00
1030771	KRL 07-10-14	2014/SEP/06	2020/SEP/14	2020/SEP/14	0	528.15	$ 0.00	$ 0.00
1030772	KRL 08-10-14	2014/SEP/06	2020/SEP/14	2021/Dec/18	460	528.32	$ 10732.86	$ 0.00
835425	KRL 09-10	2010/OCT/08	2020/SEP/14	2021/Dec/18	460	528.44	$ 13319.55	$ 0.00
835426	KRL 10-10	2010/OCT/08	2020/SEP/14	2021/Dec/18	460	528.47	$ 13320.42	$ 0.00
835948	KRL 12-10	2010/OCT/14	2020/SEP/14	2020/SEP/14	0	527.32	$ 0.00	$ 0.00
1030773	KRL 13-10-14	2014/SEP/06	2020/SEP/14	2020/SEP/14	0	506.46	$ 0.00	$ 0.00
1030765	KRL 14-10-14	2014/SEP/06	2020/SEP/14	2020/SEP/14	0	527.85	$ 0.00	$ 0.00
1030769	KRL 15-10-14	2014/SEP/06	2020/SEP/14	2020/SEP/14	0	507.01	$ 0.00	$ 0.00
835953	KRL 16-10	2010/OCT/14	2020/SEP/14	2020/SEP/14	0	527.19	$ 0.00	$ 0.00
1030775	KRL 17-10-14	2014/SEP/06	2020/SEP/14	2021/Dec/18	460	189.76	$ 3855.03	$ 0.00
835955	KRL 18-10	2010/OCT/14	2020/SEP/14	2021/Dec/18	460	524.56	$ 13221.71	$ 0.00
1030774	KRL 21-10-14	2014/SEP/06	2020/SEP/14	2020/SEP/14	0	484.95	$ 0.00	$ 0.00
1030808	KRL 22-10-14	2014/SEP/07	2020/SEP/14	2021/Dec/18	460	526.98	$ 10698.45	$ 0.00
836269	KRL 26-10	2010/OCT/19	2020/SEP/14	2021/Dec/18	460	528.79	$ 13328.38	$ 0.00
836270	KRL 27-10	2010/OCT/19	2020/SEP/14	2021/Dec/18	460	483.44	$ 12185.37	$ 0.00
836272	KRL 28-10	2010/OCT/19	2020/SEP/14	2021/Dec/18	460	507.56	$ 12793.39	$ 0.00
1030810	KRL 29-10-14	2014/SEP/07	2020/SEP/14	2021/Dec/18	460	528.96	$ 10738.62	$ 0.00
1030811	KRL 111-11-14	2014/SEP/07	2020/SEP/14	2020/SEP/14	0	527.38	$ 0.00	$ 0.00
1030834	KRL 113-11-14	2014/SEP/08	2020/SEP/14	2021/Dec/18	460	253.80	$ 5149.07	$ 0.00
986834	KRL 114-12	2012/MAY/16	2020/SEP/14	2021/Dec/18	460	337.42	$ 8504.78	$ 0.00
986838	KRL 115-12	2012/MAY/16	2020/SEP/14	2021/Dec/18	460	506.00	$ 12753.95	$ 0.00
999062	KRL 116-12	2012/JUN/19	2020/SEP/14	2021/Dec/18	460	400.36	$ 10091.29	$ 0.00
1019533	KRL 117-13	2013/MAY/16	2020/SEP/14	2021/Dec/18	460	252.97	$ 6376.32	$ 0.00
1019579	KRL 118-13	2013/MAY/17	2020/SEP/15	2021/Dec/18	459	294.98	$ 7419.01	$ 0.00
1019682	KRL 119-13	2013/MAY/21	2020/SEP/15	2021/Dec/18	459	21.07	$ 529.99	$ 0.00
1031154	KRL 120-13-14	2014/SEP/25	2020/SEP/15	2021/Dec/18	459	168.53	$ 3372.74	$ 0.00
1020525	KRL 121-13	2013/JUN/26	2020/SEP/15	2021/Dec/18	459	147.48	$ 3709.21	$ 0.00
1022509	KRL 122-13	2013/SEP/22	2020/SEP/15	2021/Dec/18	459	484.79	$ 12146.01	$ 0.00
1037431	KRL 30-15	2015/JUL/20	2020/SEP/15	2021/Dec/18	459	529.07	$ 9979.91	$ 0.00
1037432	KRL 31-15	2015/JUL/20	2020/SEP/15	2020/SEP/15	0	841.85	$ 0.00	$ 0.00
1037433	KRL 32-15	2015/JUL/20	2020/SEP/15	2020/SEP/15	0	804.68	$ 0.00	$ 0.00
1037434	KRL 33-15	2015/JUL/20	2020/SEP/15	2020/SEP/15	0	762.69	$ 0.00	$ 0.00
1045018	KRL 40-16	2016/JUN/29	2020/SEP/15	2020/SEP/15	0	422.20	$ 0.00	$ 0.00
1045019	KRL 40-16	2016/JUN/29	2020/SEP/15	2020/SEP/15	0	547.63	$ 0.00	$ 0.00
1049636	KRL 42-17	2017/JAN/30	2020/SEP/15	2020/SEP/15	0	738.70	$ 0.00	$ 0.00
1049637	KRL 43-17	2017/JAN/30	2020/SEP/15	2020/SEP/15	0	1034.75	$ 0.00	$ 0.00
1049638	KRL 44-17	2017/JAN/30	2020/SEP/15	2020/SEP/15	0	1077.41	$ 0.00	$ 0.00

Table 3 Mineral titles details.

3.0 Physiography

The claim block covers a total southeast to northwest distance of about 38 kilometers from Latitude 49 degrees to Teepee creek then over the divide down into the Moyie Lake area around the St. Eugene Mine. The area is principally subdued, with rounded, forested mountains, ranging from 900 metres at Moyie Lake to 2400 metres at the summit of Yahk Mountain. The area has been logged extensively creating a large network of forestry roads.

4.0 Location and Access

Access is excellent because of widespread logging activity over the last three decades. The road network is accessed mainly through Glencairn and Sunrise Creek Forest Service Roads from the northwest and the Teepee Creek, Haller, and Caven Creek Forest Service Roads from the east and the Hawkins Creek Forest Service Road from the southwest.

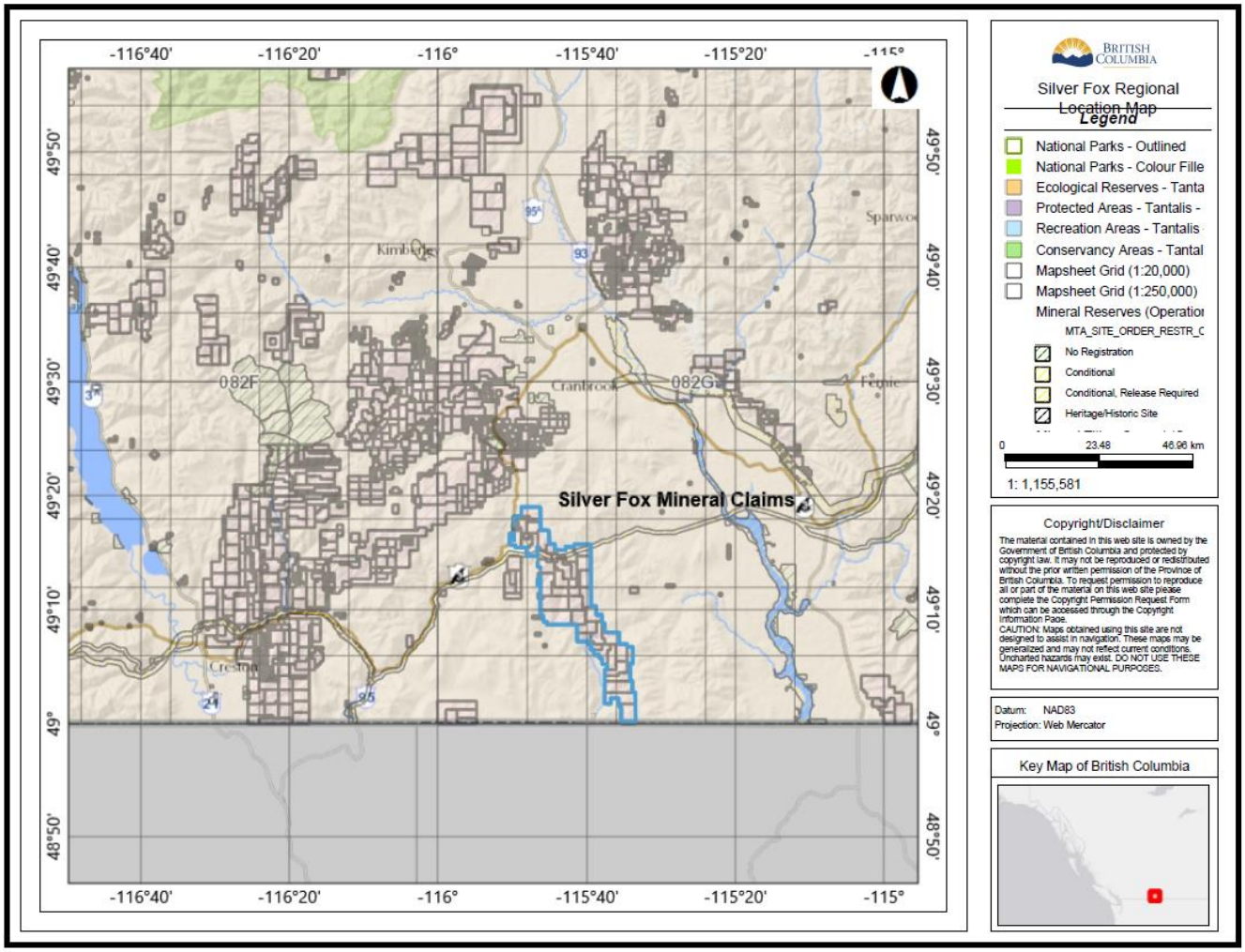

Figure 9 Regional location map.

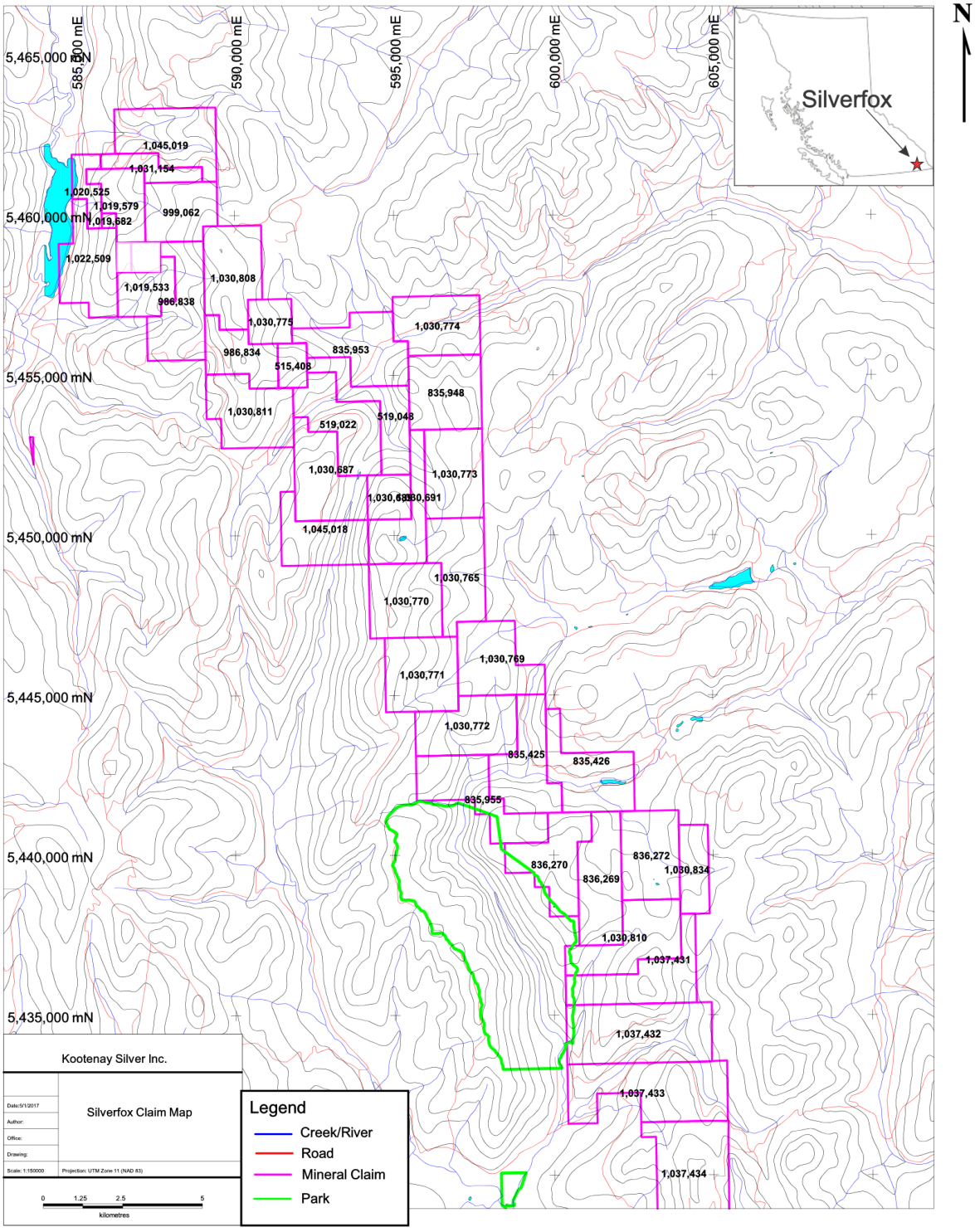

Figure 10 Claim map and regional location.

5.0 History of Exploration for the Area

For the Silver Fox north area of 2013, considerable exploration has been done in the vicinity of the Silver Pipe showing, northwest towards Moyie Lake and southeastward across Teepee Creek towards the KRL (Sara) vein. The Silver Pipe (Pipeline showing) was originally staked following construction of the gas pipeline in the mid to late 1960s. The property, originally called the Dirk property, was later renamed the Teepee property and comprised the Erdaco and Dirk claims. These were optioned to Mercury Exploration in 1969 who conducted some geological mapping, a ground magnetometer survey and trenching which defined the Gossan vein system with widths up to 5 meters and a strike length of approximately 400 meters (*see* summary in Yeager and Ikona, 1983). Yeager and Ikona (*op. cit*.) also note an EM survey done by Cominco in 1971 (J. Hamilton, internal Cominco Report, 1971).

The claims were allowed to lapse and subsequently restaked in 1980, then vended to R.G. Gifford who in turn vended them to Gulf International Ltd. Work by Pamican Development Ltd for Gulf International included a soil geochemical program, trenching, geological mapping and sampling (Yeager and Ikona, 1983). A geological map included in this 1983 report shows the location of 1982 diamond drill holes, although no reference is made to them in the text. The collars, with casing, are still visible but no core.

Kokanee Exploration staked claims in the northern part of the Silver Pipe area in the late 1980s and conducted some reconnaissance geochemical and geological mapping (*see* summary in Stephenson, 1999). Prospecting by C. Kennedy in 1989 discovered the Jake showing south of Teepee Creek. Stephenson (1999) and Pighin (2009) both report that Auckland Resources drilled 7 holes totaling 307.7 metres in the area of the KRL property. and intersected "low-grade silver base metal mineralization associated with gabbro dykes". However, as noted by Pighin (2009), the exact locations of these holes are not known.

The Erin claims were staked by L. Stephenson in 1992 to locate and evaluate the projected trend of the Pipeline showing and soil sampling, mapping and prospecting were subsequently carried out (Stephenson, 1999a). Considerable more work was done by Stephenson in the mid to late 1990s on the Erin and Dek claims; the Dek claims, staked in 1997 covered both the KRL and Silver Pipe veins. This work included geological mapping, additional prospecting and ground VLF and magnetometer surveys (*see* Stephenson, 1999a, 1999b).

D. Lavoie and S. Kennedy staked the area around the Jake and Silver Pipe veins in 2005 and optioned them to Grandeur Resources Ltd. who conducted a program of prospecting and rock and soil geochemistry, mainly in the vicinity of the KRL (renamed Sara) showings (Kennedy, 2005; 2006; 2008). Many of the collected rock samples were float but returned high values in lead (>10,000 ppm), zinc (up to 4903 ppm, silver (>100 ppm) and gold (up to 4226 ppb). Detailed mapping by Pighin (2009) in the vicinity of the Sara vein differentiated the Creston Formation, outlined areas of intense alteration, defined structural controls and better defined and delineated the Sara vein.

A regional exploration and prospecting program, carried out mainly by Craig and Sean Kennedy for Kootenay Gold, recognized extensive alteration in the Creston Formation

that locally extended south to the United States border. Further prospecting and reconnaissance mapping, with discovery of stratabound copper mineralization, led to comparisons with stratabound copper-silver mineralization in northern Montana and subsequently a large tract of land, the Silver Fox property, was staked.

Work during the 2011 field season included a reconnaissance silt geochemical program (Jackaman, 2012), additional prospecting (Kennedy, 2012) and geological mapping (Hoy et al, 2012). Mapping at 1:20000 scale started at the south end of the property and continued north in 2012 (Anderson2012, 2013).

The St. Eugene portion of the claim block has a long and varied history. Mining of the vein system was earliest from the late 1890's through to 1916. Production totalled 1.47 million tonnes of about 7.7% Pb, 124 g/tonne Ag, 1% Zn (very low recovery), and 0.05 g/tonne Au. Small tonnages were extracted from extensions on the west side of the lake (Aurora and Guindon) and to southeast at the Society Girl. The operators of the day did exploration underground and later in the 1930's, 1940's, and 1960's more mapping and drilling was done but records are poor to non-existent.

The St. Eugene Vein System is comprised of several cross-cutting veins which transect the upper part of the Middle Aldridge, becoming less pronounced up into the Upper Aldridge. The northwest-striking, steeply south dipping veins extend from the Aurora/Guindon on the west side of the lower Moyie Lake southeast about 5 kilometres, over a vertical range of at least 1200 metres. It is primarily a lead-zinc-silver system with a variety of trace elements including copper, gold, arsenic, antimony, and mercury. The mine produced primarily lead and silver with the sphalerite discarded for most of the production history. Most of the tonnage was contained within the north and south veins, particularly where the south vein converged on the north vein and cross structures (linking shears) yielded significant production as well. The best developed veins and mineralization were confined to two intervals of quartzite-dominated stratigraphy designated the Lakeshore and Moyie zones.

Early exploration at the St. Eugene is generally described but specific results are lacking. During mining, levels were extended and a few holes drilled from surface. Later in the 1930's and 1940's several reviews were conducted of the property and some dewatering of workings took place. During the late 1940's mapping was conducted and a magnetometer survey completed. In 1964 and 1965 exploration consisting of mapping, soil geochem, trenching on the upper St. Eugene area and across the lake at the Aurora. Two drill holes were done on the upper St. Eugene Baltimore claim. During the 1960's Cominco Ltd. drilled three deeper holes along the east shore of the lower lake apparently to test the ground south of the St. Eugene for parallel veins but also to try to intersect the St. Eugene system at depth which was not accomplished.

In 1988, after completion of the d-8-c well hole by Duncan Oil and Gas at the south end of the lower Moyie Lake, the cuttings from 3 metre intervals were sampled and analyzed. This identified some anomalous Pb-Zn intervals and a deeper anomalous copper zone. In 1990, a UTEM geophysics survey was completed over the St. Eugene mine area. Also in 1990, Noranda completed a one year program of mapping and soil geochem on the Beach property, 4 kilometres to the north, in response to anomalous copper in an RGS sample.

In 1992, Cominco Ltd. did some soil sampling on the Cherry claims just to the south, again in response to a positive RGS sample, in this instance for lead,zinc, and silver. In 2005, St. Eugene Mining Corp. launched a four year program including: EM on the ground; an airborne EM and Mag in 2006; diamond drilling on the Society Girl area and across at the Aurora in 2007; and diamond drilling on a structural zone north of the mine in 2008. (see St. Eugene Mining assessment reports)

In 2013 a mapping program was started at 1:10000 scale on the St. Eugene area. This encompassed north to Barkshanty creek and south to about Sunrise creek. (Anderson, 2014).

In 2014 and 2015 mapping, prospecting, rock geochem sampling covered a significant part of the property at 1:20000 scale then at 1:10000 scale. Additional mapping and rock geochemistry was conducted on the property in 2016 in conjunction with ground based geophysical surveys (mag/VLF-EM)

6.0 Regional Geological Setting for the Silver Fox Property

Stratigraphy

The property lies within the Purcell anticlinorium, a gently north plunging structure that is cored by Paleoproterozoic sedimentary and minor volcanic rocks of the Purcell Supergroup and flanked by unconformably overlying Neoproterozoic clastic and carbonate rocks of the Windermere Supergroup. These are generally overlain by either Cambrian or Devonian rocks, part of the North American "miogeoclinal" sequence. The Purcell Supergroup, and correlative Belt Supergroup in the United States, comprises a syn-rift succession, the Aldridge Formation, and an overlying, generally shallow water post-rift or rift fill sequence, including the Creston and Kitchener Formations, and younger Purcell rocks (Höy, 1993) (Figures 3, 4).

The exposed part of the Aldridge Formation comprises more than 3000 meters of mainly turbidite deposits and numerous, laterally extensive gabbroic sills referred to as the Moyie intrusions. The gabbroic sills are laterally extensive, typically up to several hundred meters thick and can be traced over hundreds of square kilometers. Locally, particularly in areas of growth faulting, they cut across stratigraphy as dykes. Some of the Moyie sills have contact features that suggest intrusion into wet and partially consolidated sediments (Höy, 1993).

The Creston Formation, host to mineralization on the Silver Fox property comprises dominantly green, mauve and grey siltite, argillite and quartzite with numerous structures indicative of shallow-water to subaerial deposition. It conformably overlies upper Aldridge argillite and siltite and is overlain by carbonate rocks of the Kitchener Formation. The Creston Formation correlates with the Burke, Revett and St. Regis formations of the Ravalli Group in the United States (Harrison, 1972; Winston, 1986) and the Appekunny and Grinnell formations in the southwestern Clark Range (Price, 1964). In the Purcell Mountains, the Creston Formation comprises three main subdivisions: a basal silty succession of thin-bedded grey to green siltite and argillite, a middle

succession of mauve, green and grey, thin to medium bedded siltite quartzite and quartz arenite, and an upper succession of intermixed green argillaceous siltite and minor quartz arenite (Hoy, 1993).

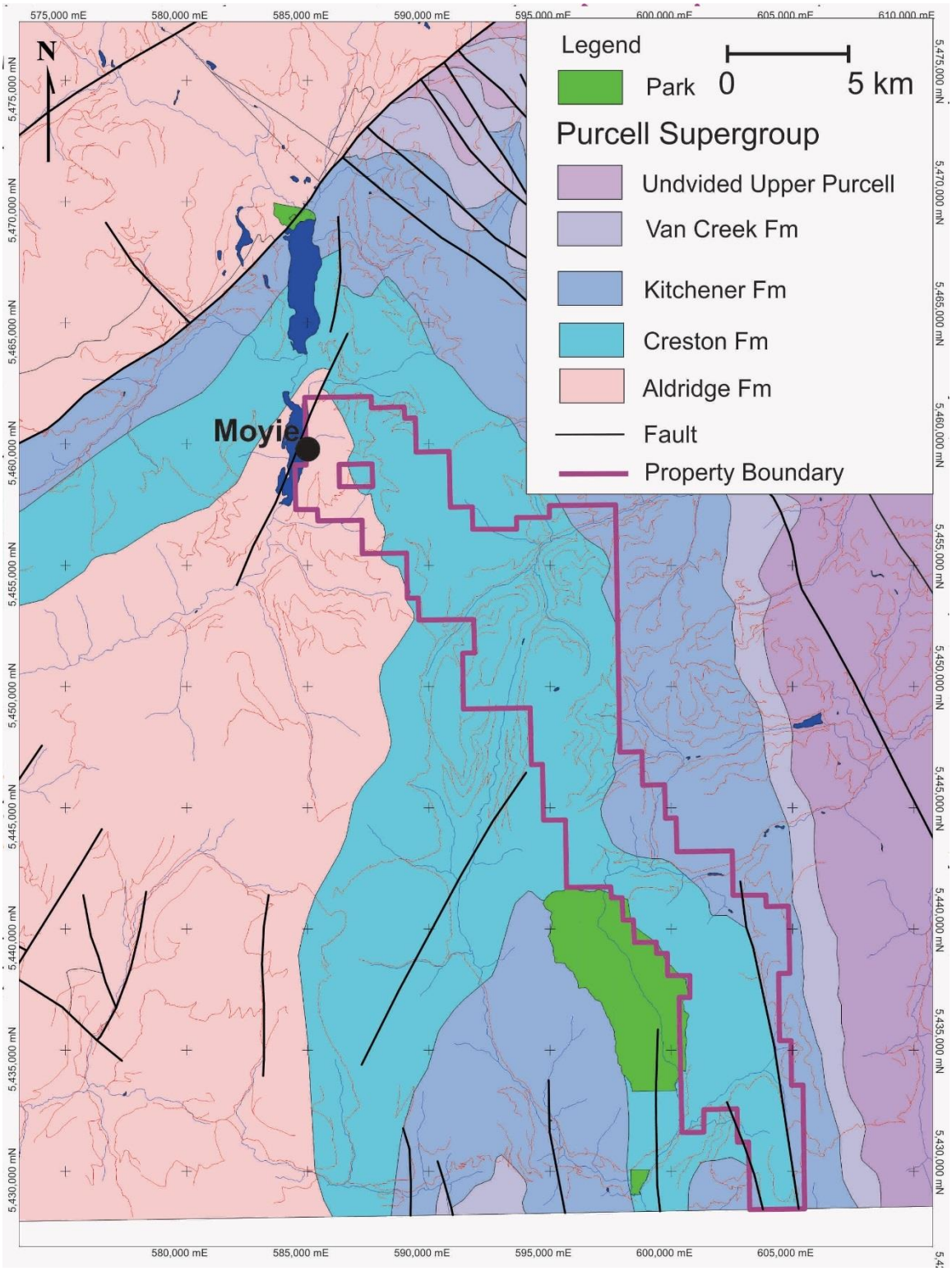

Figure 11. Regional geology at 1:200,000

The Kitchener Formation is dominantly a carbonate unit between the Creston Formation and overlying siltites of the Van Creek Formation. It correlates with Empire and Helena Formations in western Montana (Winston, 1986) and the middle part of the Siyeh Formation in the Galton and Clark Ranges (Price, 1964). The formation is divisible into two members, a lower green dolomitic siltite and an upper dark grey, carbonaceous, silty dolomite and limestone (Höy, 1993).

Structure and Tectonics

The Silver Fox property is within the Foreland Thrust and Fold belt, the most eastern physiographic belt in the Canadian Cordillera (Monger *et al*., 1982). The belt is characterized by shallow, east verging thrust faults and generally broad open folds in rocks that range in age from the middle Proterozoic Purcell Supergroup to Phanerozoic miogeoclinal rocks. The Purcell Supergroup is mainly exposed in a broad, shallow north plunging anticlinal structure, the Purcell anticlinorium in the Purcell Mountains west of the Rocky Mountain trench.

Structures within the Purcell anticlinorium include east verging thrust faults, northeast trending, right lateral reverse faults, and open to tight folds (Höy, 1993). A complex array of normal faults that trend dominantly northward parallel to the Rocky Mountain trench cut the earlier thrust faults and associated faults.

The northeast-trending structures, including the St. Mary and Moyie faults, are within or parallel to a broad structural zone that cuts the Purcell anticlinorium, crosses the Rocky Mountain trench and extends northeastward across the Foreland thrust belt (Kanasewich, 1968). This zone is marked by a conspicuous change in the structural grain, from northerly north of the zone to northwesterly south of the zone, and by pronounced and fundamental changes in the thickness and facies of sedimentary rocks that range in age from Middle Proterozoic to early Paleozoic (Höy, 1993). Furthermore, the zone appears to have focused a variety of deposit and metallotects that range in age from the stratiform middle Proterozoic Sullivan deposit to Paleozoic carbonate replacement base metal deposits to gold and copper mineralization related to Jurassic and Cretaceous magmatism (Höy, 1982). The Silver Fox property lies along the southern edge of this structural zone, south of the east-northeast trending Moyie fault.

Closer in to the St. Eugene, the claims cover the east limb of the north-plunging Moyie Anticline closer to the fold closure. Strata includes the upper Middle Aldridge through Upper Aldridge into Lower Creston and the basal part of the Middle Creston. The anticlinal axis is northerly at the US border, curving to the northeast maintaining a parallelism with the regional Moyie fault. There is evidence of secondary folding of the east limb of the Moyie anticline to the southeast where a broad south-plunging syncline is separated from the main fold by faulting. Additionally, the drainages to the south of the St. Eugene contain abundant outcrop with visual evidence of folding of the Middle Aldridge (not mapped). Folding at the St. Eugene is restricted to small scale, narrow fold zones trending north.

7.0 2018 Geological Mapping

Geological mapping at 1:5,000 was completed along 17 km of the northwest portion of the property from north of Barkshanty Creek to south of the headwaters of Teepee Creek. Mapping was completed to better refine the lithology, structure and alteration/mineralization details within the basal C2 prior to determining an area for drill testing. It is important to note the low percentage of outcrop which does not allow for any continuous exposures of the Lower-Middle Creston transition.

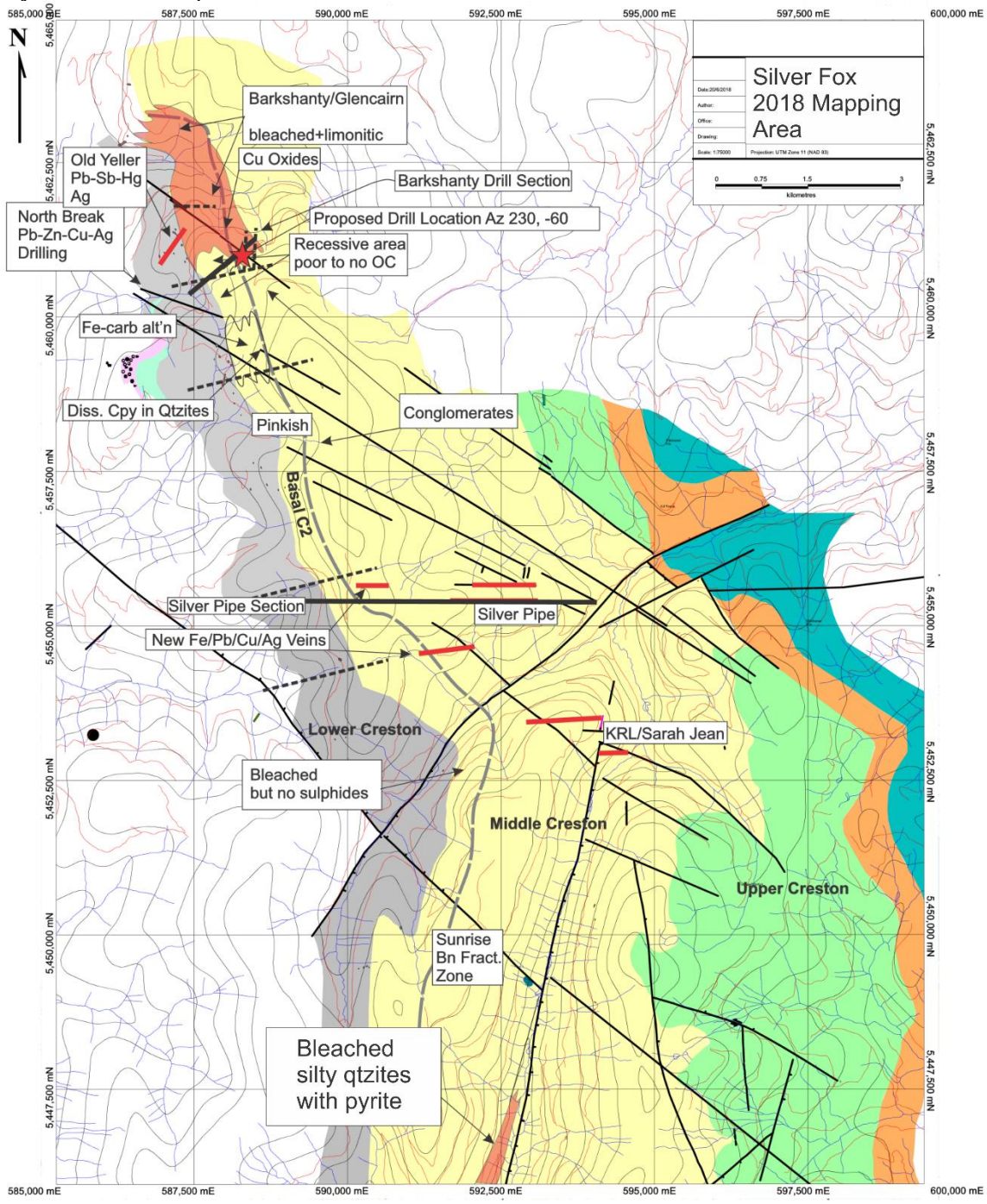

Figure 12 Geological compilation based on the 2018 mapping.

Stratigraphy

The basal C2 is an approximately 200 m thick composite stratigraphic package dominated by medium to lessor thickly and thinly bedded silty quartzites. Fine magnetite, biotite, sericite and or chlorite are a major component of the quartzites. Quartzite beds are often graded with a scoured base and a muddy top. Ball and pillow, flame, convoluted bedding, wavy/lenticular laminations, cross-bedding, and planar laminations are common. Bed forms are generally tabular. Quartzite units are often interbedded with siltier units. In some instances of higher outcrop quartzite units form distinct packages over 10 m thick (ie Barkshanty Creek). However, the thickest continuous packages of quartzites were observed in the Glencairn drainage where they form packages over 20 meters thick. The basal C2 is transitional to the underlying Lower Creston which is dominated by dark, thinly bedded, biotitic argillite/siltite. The basal C2 commonly hosts disseminated pyrite cubes, is variably calcareous, and often has trace amounts of chalcopyrite along EW (steeply south dipping) fractures/veins. Colouration of the stratigraphy ranges from bleached/chalky and limonitic to dark grey-green, mauve tinges are rare.

The basal C2 is transitionally overlain by a thick sequence of thinly bedded varicoloured (green-blue-purple) thinly bedded siltite. Mudcracks, mud-chip breccias, ripples, lenticular beds, sand dykes, and cross-bedding are common within this unit. This unit contains beds of coarse-grained quartzite some distance up section from the basal C2 transition. Chalcopyrite and or bornite occur within thin carbonaceous/calcareous sandy lenses within greener sequences of this section.

At least one conspicuous biotite rich calcareous marker units occurs near the top of the Lower Creston. This unit is generally sulphidic with Po+/-Cpy clots. It reaches a maximum observed thickness of 5 meters south of Barkshanty Creek but is generally near 1 m thick.

Structure

Bedding generally strikes NNW and dips shallow to moderately NE. Locally bedding become more EW trending with shallow N dips related to gentle warping. Axial plane cleavage related to the Moyie Anticline has resulted in north striking steeply west dipping foliations. Steep to vertical conjugate quartz-chlorite-carbonate+/-sulphide vein sets best developed within competent units commonly strike east-west and northerly.

Syn-depositional tectonics appear to have been most active in the Barkshanty/Glencairn Creek areas above the St. Eugene/North Break structural block where conglomerate units have been identified within the siltite portion of the Middle Creston in this area. The apparent change in thickness of quartzite units from thin south of Barkshanty Creek to thick near Glencairn are indicative of a Creston age down drop in the vicinity of Glencairn Creek. Additionally, the Lower Creston and basal C2 show significant variations within this area indicative of changing sedimentary environments.

Two dominant structural/tectonic trends are generally observed in the area. Base metal bearing mineralized veins/breccias and fractures are generally oriented east-westerly with steep south to vertical dips. Iron-oxide (magnetite/specularite) and quartz bearing structures are generally NS/NNE trending with near vertical dips. These structures commonly host gabbro dykes. Inferred NW structures are ambiguous. Most fault structures appear to have little to no observable offset.

Alteration and Mineralization

Alteration in the basal C2 comprised of bleaching (sericite), goethite, hematite, and manganes oxides is best developed in the Barkshanty and Glencairn areas north of a conspicuous Fe-carbonate flooding of the basal C2. Similar bleaching of a smaller scale is observed west of the KRL/Sarah-Jean area and south of the Sunrise Fault.

Widespread pyrite is observed throughout the basal C2 with the best development in the Barkshanty/Glencairn area and south of the Sunrise Fault. Disseminated chalcopyrite in the basal C2 was best developed in the Glencairn area associated with an Fe-carbonate alteration. Two new Fe-wad +/-Pb/Cu/Ag vein occurrences have been discovered, one is west of the Silver Pipe/Sara-Anne trend, and the other is south of the Silver Pipe. Previous work had identified a diffuse fracture zone of quartz-chlorite-bornite veins near the Sunrise fault.

The basal C2 is largely covered south on the ridge between Barkshanty and Glencairn creeks. It occupies a broad zone of recessed topography at odds with the steep topography often associated with the quartzitic unit. The area is bracketed to the south by an Fe-carbonate alteration with some disseminated Cpy in quartzites, and a bleached limonitic alteration with fracture Cpy to the north. It is a locus of structure being bracketed to the east by a strong NS structure is cut by a number of NNE to NE structures which host metal and or gabbro dykes.

8.0 2018 pXRF Soil Geochemistry

Two lines of ‘b-horizon’soil geochemistry were collected from the headwaters of Barkshanty Creek (66 samples). The lines were run in a north south manner largely along contour. Once the samples were collected, they were dried and sifted and placed into a clear plastic bag and analyzed by a Niton pXRF for a 30 second shot. The purpose of the soils was to detect any elevated base metals that could indicate a crossing structure. Soils were of generally poor quality consisting mainly of till in areas with low bedrock percentage. Maps are included in the appendix.

While results for Cu-Pb-Zn were uniformly low this may be a reflection of till cover, poor soil development, and a low total number of samples.

9.0 2018 Diamond Drilling

Two holes were drilled on the property immediately south of Barkshanty Creek near the village of Moyie. The first hole was abandoned at 135 meters due to a rig breakdown. A second shallower hole was drilled from the same location and ended at 500 meters depth. The purpose of the program was to test the basal member of the Middle Creston Formation for stratabound Cu-Ag mineralization analogous to the Revett hosted deposits of Montana and Idaho.

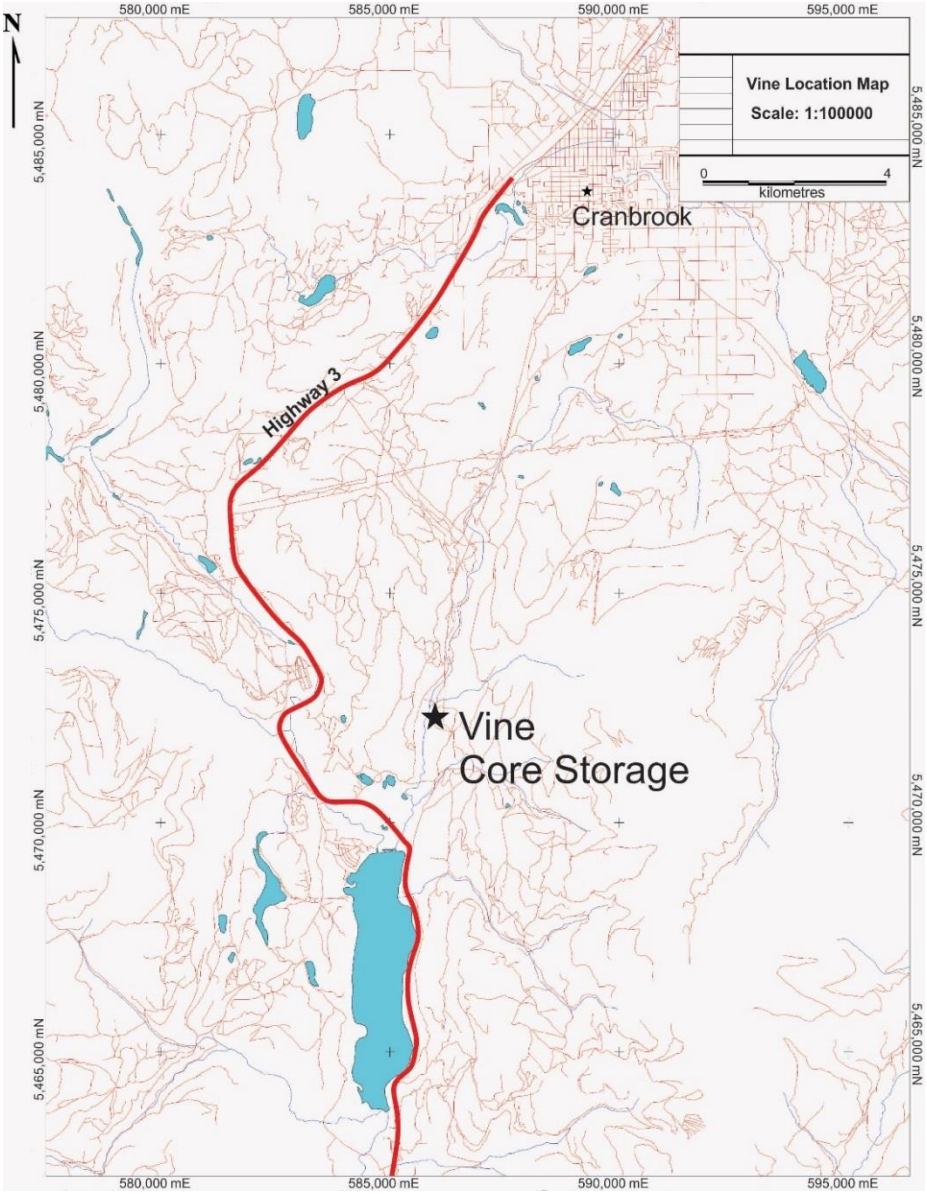

Figure 13 Location of Vine core storage facility.

Core Logging and Sampling Procedure

Core was transported to, logged, and stored at the Vine property, owned by D.L. Pighin, south of Cranbrook, BC on Hidden Valley Road (UTM 585946E 5472336N). Logging procedures included marking meters and recovery, p-XRF analysis, and completing

descriptive logs and strip logs. The drilling was completed in November prior to any major snowfall.

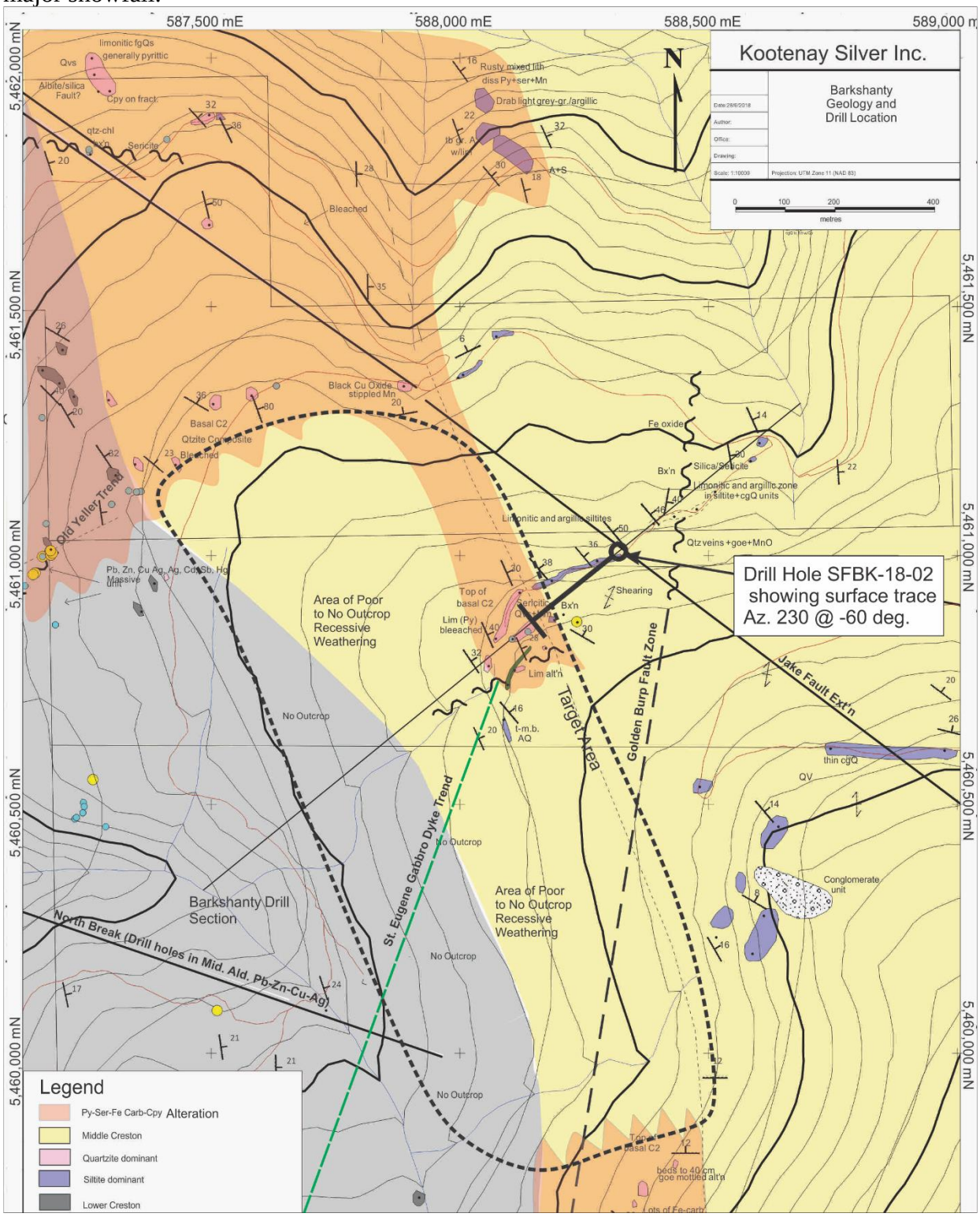

Figure 14 Drill plan for the drill hole SFBK18-02

A hand-held Niton p-XRF was used for analysis on all the core. Three 30 second shots were taken across a one-meter interval, the values from these shots were then averaged to give a representative value for the interval. Elements included in the analysis included Cu, Pb, and Zn.

Hole ID	Easting UTM	Northing UTM	Collar Elevation (m)	Total Depth (m)	Dip	Azimuth
SFBK18-01	588300	5460990	1550	135	-60	230
SFBK18-02	588300	5460990	1550	499.86	-55	230

Table 4 Drill hole collar location, dip and azimuth.

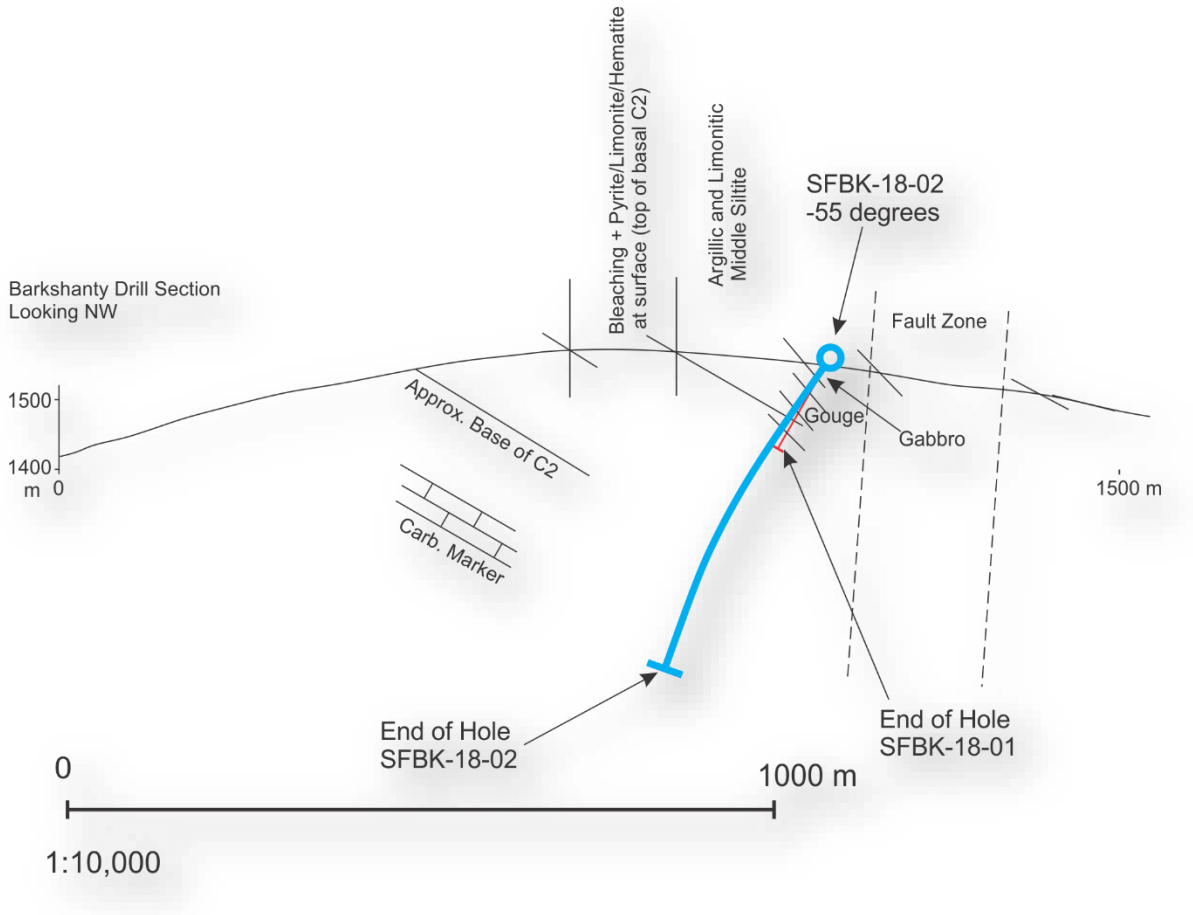

Figure 15 SFBK18-02 Drill Section

Discussion

The Barkshanty drill hole was designed to test the basal C2 proximal to footwall structures north of the St. Eugene vein deposits. Bedding to core was generally from 60 to 80 degrees. The top of the two holes were immediately west of a major north trending fault structure. This upper portion was highly broken and argillic coring an altered gabbro-diorite and underlying thinly bedded siltite units, presumably the base of the middle siltite portion of the Middle Creston. Below the siltites around 155 m in hole SFBK18-02 drilling encountered some sandier units which continued to the bottom of the hole. These units likely represent the basal quartzite package of the Middle Creston. In general, from 155 to the end of the hole there were no definitively great 'packages' of quartzite most of the section was highly interbedded consisting of very fine grained, graded silty quartzites and narrow packages of thin bedded argillite/siltite.

SFBK18-02 encountered a number of weakly mineralized Cpy+/-PbS bearing intervals both as disseminations and in thin quartz-carbonate-chlorite veinlets. These units were totally within greenish reduced stratigraphy that lacked magnetite. In general, the more oxidized stratigraphy contained magnetite. The hole intersected a number of pyrite bearing medium to thickly bedded fine grained quartzite. The hole was intended to pierce through the Lower Creston Fm, however no major lithological breaks occurred. While the hole did encounter some broken and gougey fault zones at the top of the hole and near 330 m the structure looked to have broken clear through the unit with no real offset. This implies a very thick section of basal middle Creston likely related to growth faulting. The hole also did not encounter any calcareous quartzites or carbonate rich units as seen on surface. From 443 meters to the end of the hole a bleached/sericitic and or albitic alteration system was cored. This coincided with a number of thin-to rarely thickly bedded medium slightly gritty feldspathic quartzites and a lack of magnetite. This section still contained metamorphic biotite/chlorite. It is generally assumed the crystalline magnetite common to the Creston is metamorphic as well. The lack of crystalline magnetite within the bleached section implies that there was either a change in depositional environment to explain the lack of magnetite or that the alteration system destroyed the magnetite. One could argue the thickness of lower Middle Creston seen in the hole, coupled with the gritty beds from 443 down and the bleaching indicates there was an early alteration system related to some early structure in the area.

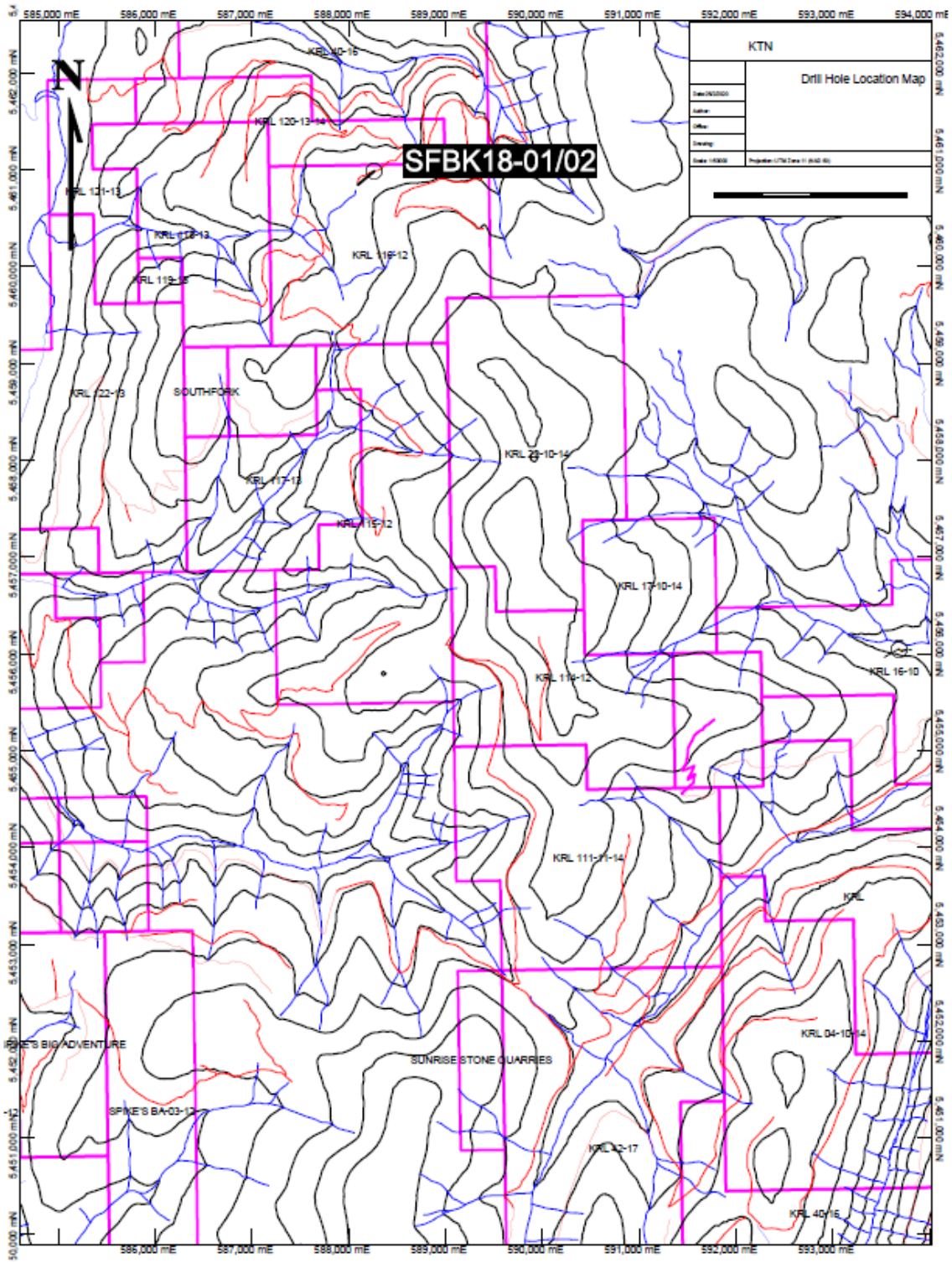

Figure 16 Drill hole location map.

10.0 Conclusions and Recommendation

A program of geological mapping, soil analysis, and diamond drilling was carried out on the north west portion of the Silver Fox property in 2018. The purpose of the program was to better define the Lower to Middle Creston Formation contact due to its significance to sediment hosted Cu-Ag deposits in Montana. Geological mapping helped stitch the transitional contact together better and identified a number of alteration zones and mineralized structures. However, as the contact is transitional it is somewhat arbitrary. Mapping was hampered by large areas of low bedrock percentage. Structurally the area has been transected by a number of cross-faults which show little to no offset although this picture may not be entirely accurate due to the transitional nature of the contact and low outcrop. Soil analysis by pXRF in the Barkshanty area failed to provide any anomalies of consequence although the program was of very limited scale. Diamond drilling cored a highly interbedded sequence of quartzite, siltite and argillite with only minor Cu-Pb mineralization largely confined to narrow intervals of greenish, reduced stratigraphy. However, the lower portion of drill hole SFBK18-02 ended within a strongly bleached/sericitic alteration with a number of uncharacteristic gritty units.

Additional work is recommended on the property. There is no doubt that the area is transected by a number of important base metal bearing structures (St. Eugene, North Break, Old Yeller etc.) but that much of the area is masked by overburden. A detailed program of pXRF soil and rock analysis coupled with geological mapping at 1:2,500 and a 3D magnetotelluric survey is recommended. The soil and rock analysis should be able to detect areas of enhanced geochemistry (ie leakage) while the tightened geology should be able to better define the structural framework and the MT should be able to detect conductive anomalies. The meshing of these three techniques should be able to provide multiple targets for follow up drilling for stratabound and discordant sulphide deposits.

11.0 Statement of Costs

Silver Fox 2018 Drill Program					
Exploration Work type	**Comment**	**Days**			**Totals**
Personnel	**Field Days 2018/19**	**Days**	**Rate**	**Subtotal**	
Sean Kennedy, Mapping	May 5, 7, 9, 10, 11, 25, 28, 29, Jun 15, 16, 19, 20, Aug 15,	13	$400.00	$5,200.00	
Sean Kennedy, Mine Mgr./Core Logging	Oct 29, -31, Nov 1-12,	15	$400.00	$6,000.00	
Tom Kennedy, XRF, Core Logging	Nov 1-12	12	$400.00	$4,800.00	
Mike Kennedy, Prospecting/XRF, Core Assistant	May 5, 7, 9, 10, 11, 28, 29, Jun 15, 16, 19, 20, Aug 15, Nov 3, 9, 10	15	$400.00	$6,000.00	
Craig Kennedy, Prospecting/XRF	Jun 19	1	$400.00	$400.00	
Mike Kennedy, Environment & Reclamation	Jul 12	1	$400.00	$400.00	
Eric Holm, Expeditor & Site Mgr.	Nov 1-13, 15, 16	15	$350.00	$5,250.00	
Brian Collison, Expeditor/Core Splitting	Oct 2, Nov 3, 5	3	$250.00	$750.00	
Isaac Crombach, Field Assistant	May 5, 7, 10, 11, 25, 28, 29, Jun 15, 19, 20, Aug 15,	11	$275.00	$3,025.00	
				$31,825.00	**$31,825.00**
Office Studies	**List Personnel**				
Project Research, Planning, & Compilation	Sean Kennedy, Prospector	3	$400.00	$1,200.00	
Project Planning & Compilations	Tom Kennedy, Prospector	2	$400.00	$800.00	
Data Compilation	Mike Kennedy, Prospector	2	$400.00	$800.00	
Environmental & Reclamation	Sean Kennedy, Prospector	2	$400.00	$800.00	
Project Planning & Environmental	Craig Kennedy, Prospector	3	$400.00	$1,200.00	
Environmental & Reclamation	Tom Kennedy, Prospector	1	$400.00	$400.00	
Data Compilation	Isaac Crombach, Field Assistant	3	$275.00	$825.00	
Report preparation	Sean Kennedy, Prospector	1		$3,500.00	
				$9,525.00	**$9,525.00**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Atlas Drilling Ltd. (all in costs)	2 Holes, HQ 635meters	1	$100,984.73	$100,984.73	
FB Drilling	Site Prep & MOB-DeMOB	1	$4,960.00	$4,960.00	
Pighin's Welding Ltd	Water Truck & Tank Rental	1	$20,393.25	$20,393.25	
Craig Kennedy, Site & Road Prep	Jun 26, Oct 10, 15, 24	4	$400.00	$1,600.00	
Tom Kennedy, Site & Road Prep	Oct 30	1	$400.00	$400.00	
Mike Kennedy, Site & Road Prep	Jun 26, Oct 15, 18, 27, 29	5	$400.00	$2,000.00	
Isaac Crombach, Site & Rd Prep/Core Assist	Jun 26, Oct 15, 29, Nov 3, 10	5	$275.00	$1,375.00	
Eric Holm, Site Prep & Reclamation	Oct 29, 30, 31/18 Jun 13, Aug 22, 27/19	6	$350.00	$2,100.00	
Core Cutting/Storage Facility	High-Grade Geological Consulting	1	$1,800.00	$1,800.00	
Core Racks	2 Racks & misc. building supplies	1	$4,600.00	$4,600.00	
				$140,212.98	**$140,212.98**
Transportation	**4X4 Trucks**	**No.**	**Rate**	**Subtotal**	
Truck 1-EH	20 days @ 150/d	20	$150.00	$3,000.00	
Truck 2-IC	1 day @ 150/d	1	$150.00	$150.00	
Truck 3-CK	4 days @ 150/d	4	$150.00	$600.00	
Truck 4-TK	11 days @ 150/d	11	$150.00	$1,650.00	
Truck 5-SK	23 days @ 150/d	23	$150.00	$3,450.00	
Truck 6-MK	13 days @ 150/d	13	$150.00	$1,950.00	
				$10,800.00	**$10,800.00**
Reclamation					
Mountain View Resources	MOB, DeMOB, Bobcat & Operator	1	$3,150.00	$3,150.00	
			$0.00	$0.00	
				$3,150.00	**$3,150.00**
Supplies & Misc.					
Field Gear, Supplies & Misc. Consumables	IRL Supplies, saw blades, Rd signs, ribbon, spray-paint, logging supplies, safety equipment	1	$777.60	$777.60	
				$777.60	**$777.60**
Assays & Logging					
Assays & Storage	Bureau Veritas (Acme)	1	$2,108.65	$2,108.65	
Shipping	FedEx, UPS & Clark Freightways	1	$546.86	$546.86	
XRF Analyzer Rental	Elemental Controls Ltd.	1	$4,800.00	$4,800.00	
				$7,455.51	**$7,455.51**
Administration & Overhead					
		1	$16,932.11	$16,932.11	
				$16,932.11	**$16,932.11**
TOTAL Expenditures					**$220,678.20**

12.0 Statement of Qualifications

I, Sean Kennedy, certify that:

1. I am an independent prospector residing at 107 6th Ave, Kimberley, BC.
2. I have been actively prospecting throughout BC, Nevada, and Mexico for the past 18 years
3. I have been employed as a professional prospector and field mapper by various junior and major companies.
4. I have managed drill and trenching programs.
5. I have co-authored a paper published by Geoscience BC.
6. I own and maintain mineral claims in BC.

Reviewer's Qualifications:

As reviewer of this report I, Jim McDonald, certify that:

1. I am an independent consulting geologist with offices at Suite 1820-1055 W. Hastings St. Vancouver, BC V6E 2E9
2. I am a graduate geologist with a B. Sc. Geology Specialization from the University of Alberta graduate class 1983.
3. I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia.
4. I have been actively involved in the exploration and mining industry since 1981 working for major mining companies, junior exploration companies, and private companies.

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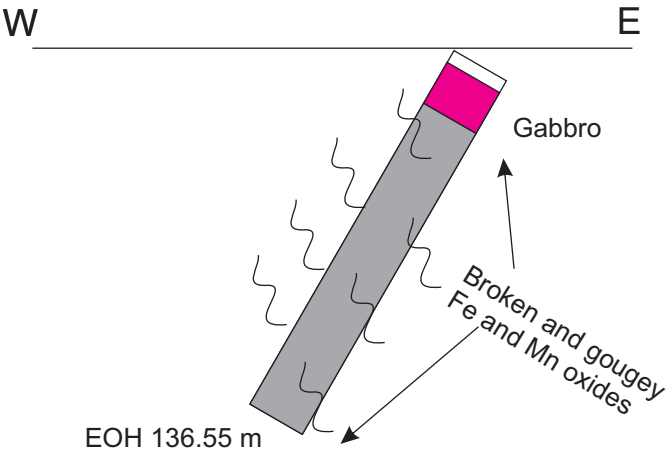
Appendices:

Silver Fox Project
Looking North
Barkshanty Area
Drill Hole: SFBK-18-01
UTM 588300E 5460990N
Elevation (m): 1550
Azumuth: 230
Dip: -60
Depth (m): 136.55
1:2500

- Overburden
- Argillite
- Silt-argillite couplets
- Siltite
- Silty Quartzite
- Quartzite
- Intrusive

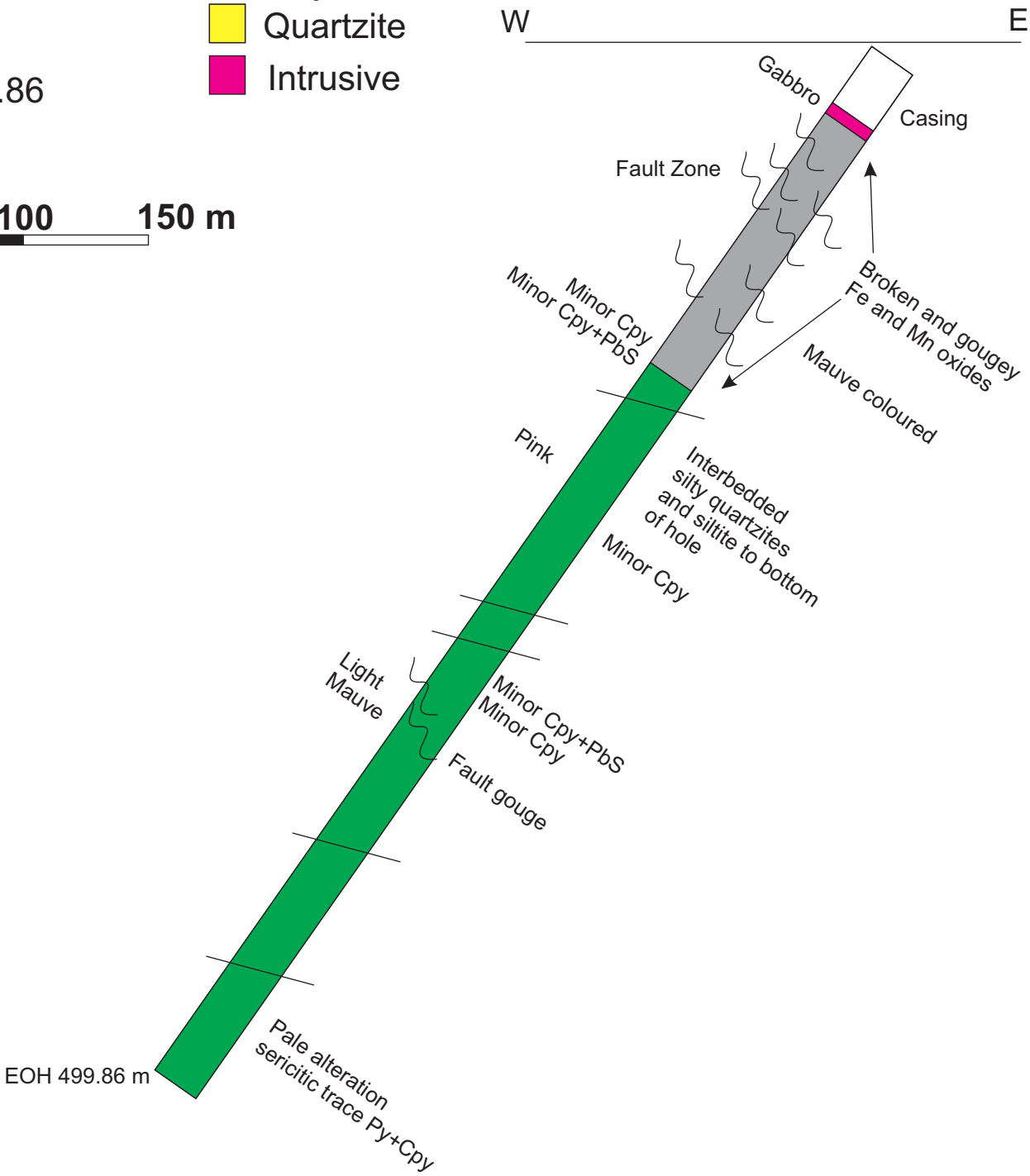
0 100 150 m



Silver Fox Project
Looking North
Barkshanty Area
Drill Hole: SFBK-18-02
UTM 588300E 5460990N
Elevation (m): 1550
Azumuth: 230
Dip: -55
Depth (m): 499.86
1:2500

Overburden
Argillite
Silt-argillite couplets
Siltite
Silty Quartzite
Quartzite
Intrusive

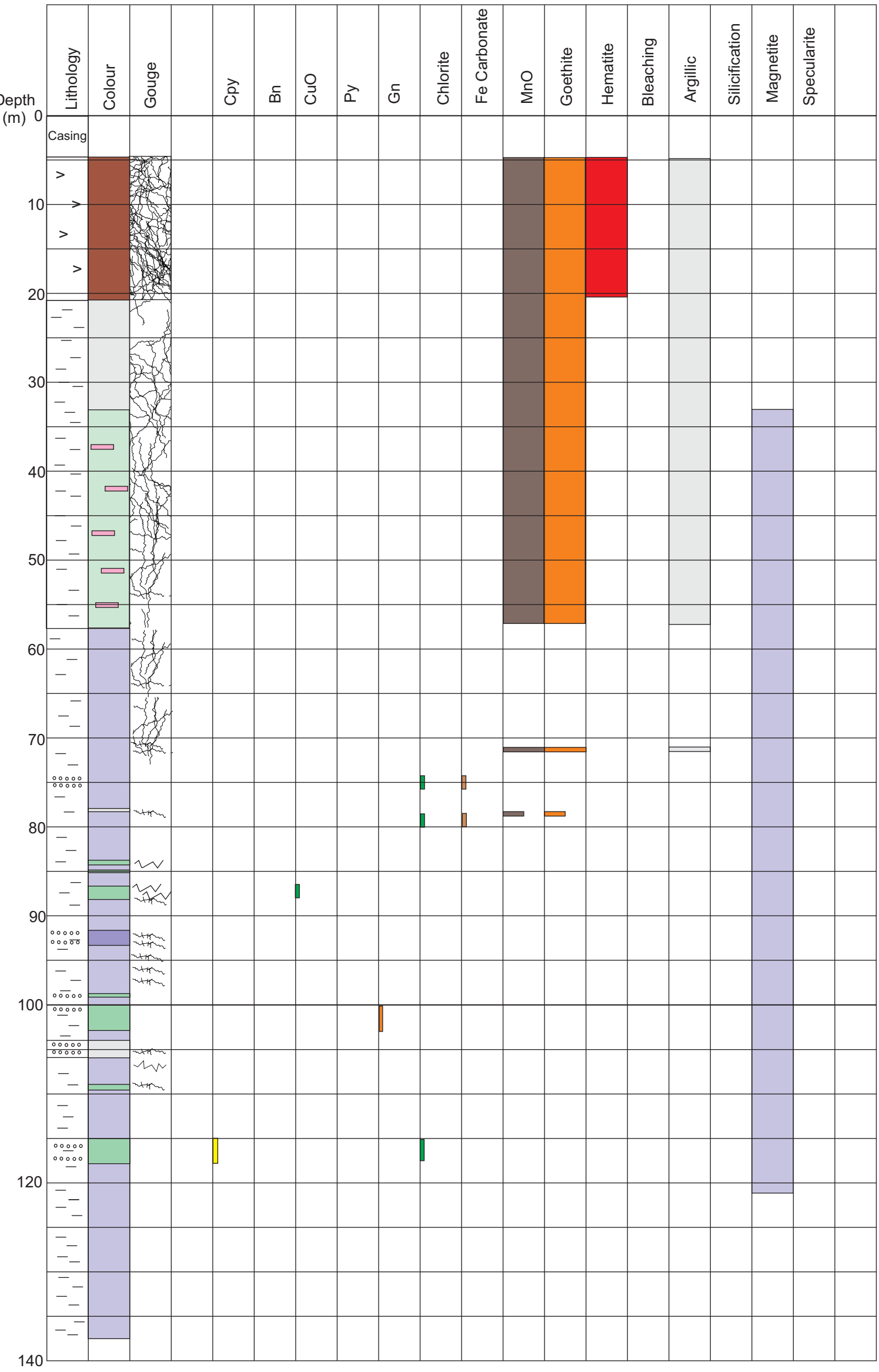
0 100 150 m



Drill Hole: SFBK-18-01	Location: Barkshanty Ck	Driller: Atlas Drilling Ltd.	Core Size: HQ	
Commenced: Nov 1/18	Elevation: 1550 m	Azimuth: 230 deg.		
Completed: Nov 2/18	UTM E: 588300	Dip: -60 deg.		
Logged By: S. Kennedy	UTM N: 5460990	Purpose: To test the basal Middle Creston for Cu near the St. Eugene/ North Break base metal vein system.		
Core Location: Vine				

Lithology Legend

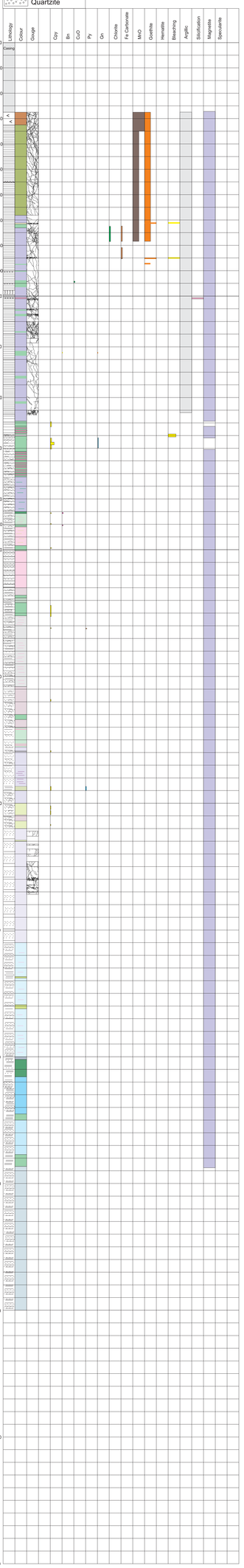
- Gabbro/diorite
- Siltite/argillite
- Quartzite



Drill Hole: SFBK-18-02	Location: Barkshanty Ck	Driller: Atlas Drilling Ltd.	Core Size: HQ	
Commenced: Nov 3/18	Elevation: 1550 m	Azimuth: 230 deg.		
Completed: Nov 14/18	UTM E: 588300	Dip: -55 deg.		
Logged By: S. Kennedy	UTM N: 5460990	Purpose: To test the basal Middle Creston for Cu near the St. Eugene/ North Break base metal vein system.		
Core Location: Vine				

Lithology Legend

- Gabbro/diorite
- Siltite/argillite
- Quartzite



DIAMOND DRILL HOLE: SFBK-18-01 LOGGED BY: S. KENNEDY

LOCATION: BARKSHANTY CREEK UTM ZONE 11 NAD 83: 588300/ 5460990

AZIMUTH: 230° DIP: -60° START DATE: November 1, 2018

Driller: Atlas Drilling Ltd Core Size: HQ

PURPOSE: TO TEST THE BASAL MIDDLE CRESTON FORMATION FOR CU SULPHIDES

FROM-TO (m)	
0 - 4.57	Casing
4.57 – 20.73	Fault zone in gabbro; broken rubble, pieces to 5 cm, orange/earthy brown colour with sooty black fractures, some with MnO dendrites, sections of greyish clay gouge, goethite common on fractures, larger pieces are totally clay altered
20.73 – 33.0	Fault zone in siltite; broken and rubbly core, pieces to 10 cm, rare broken crystalline quartz vein, clay gouge throughout, rock is generally grey coloured, to light grey/lavender siltite, MnO still common on fractures, limonitic colouration is not as evident as above, some chlorite/sericitic siltite, trace specularite near 29 m. At 29.87 is a limonitic MnO rich gouge.
33.0 – 57.3	Thin bedded siltite: still highly fractured and broken core, clay gouge is less frequent than above, rare intervals of more competent, solid core with pieces from 10 to 30 cm, dominantly thin bedded siltite which varies from light pinkish-grey to medium green, lenticular, very rare coarse sand lense, some rip-ups/mud chips, some sandier siltite is dark green with light pink argillaceous tops giving the sequences a 'banded' colouration, patchy, scattered magnetite crystals, some altered to hematite, limonite spots scattered in some green sections, MnO/black stain is common in more broken, limonitic intervals, thin veins at 20° to core axis (TCA) at 37.5 and 44 m, bedding is at 75° TCA at 35.5 m, 80° TCA at 38.75 m, 75° TCA at 42 m, 70° TCA at 46.5 m
57.3 – 136.55	Thin bedded siltite: mauve dominant, lenticular/wavy beds, mud-chip argillite, crinkle cracks and sand dykes. Magnetite is common, particularly in more mauve sections. Some sections of greenish colouration particularly where there are thin quartz-chlorite veins. The rock is frequently broken with pale clay films and MnO along fractures. Goethite associated with gougey, clay fractures (as noted from the top of the hole) ends near 73 m. 78 – 78.4 m: greyish fine grained/silty quartzite, with some mauve colouration near bed tops 78.75 m: 1 cm argillic gouge at 70° TCA that has a slightly bleached contact

85.5 m: thin irregular fractures with malachite

86.8 – 88.4 m: green and broken siltite with some malachite on fractures, clay gouge

Bedding is 75° TCA at 61 m, 70° TCA at 65.5 m, 80° TCA at 68.5 m, 70° TCA at 78 m, 70° TCA at 89.4 m, 70° TCA at 93 m, 75° TCA at 100 m, 80° TCA at 105 m, 75° TCA at 111 m, 75° TCA at 115 m, 80° TCA at 118.5 m. Quartz-chloirite veins (thin mm scale) are 20° TCA at 75.6-76 m, 30° TCA from 78 to 78.5 m.

Drill Hole:	SFBK18-02	Azimuth 230, dip -60 degrees
Location:	Barkshanty Creek	
UTM Zone 11	588300/ 5460990	
Elevation:	1550 m	
Driller:	Atlas Drilling	
Core Size:	HQ	
Commenced:	Nov 3/2018	
Completed:	Nov 14/2018	
Core Location:	Vine	
Logged By:	S. Kennedy	

From To (m)	**Lithology:**	Casing
0 to 27.43 m	**Colour:**	
	Primary Structure:	
	Tectonic Structure:	
	General Alteration:	
	and Associated Alterations, Host	

From To (m)	**Lithology:**	Gabbro/diorite
27.43-32.51 m	**Colour:**	brownish
	Primary Structure:	
	Tectonic Structure:	Fault gouge
	General Alteration:	Clay gouge and oxidation
	Mineralization and Associated Alterations, Host Sructures:	Manganese/goethite

From To (m)	**Lithology:**	Clay gouge/fault
32.51-32.71 m	**Colour:**	
	Primary Structure:	
	Tectonic Structure:	
	General Alteration:	
	Mineralization and Associated Alterations, Host Sructures:	

From To (m)	**Lithology:**	Siltite/argillite
32.71-81.1 m	**Colour:**	Khaki
	Primary Structure:	Thin bedded siltite, scours, mudchips, rip-ups, sany lenses, sand dykes, bedding at 75 deg TCA at 71 m
	Tectonic Structure:	Broken/gouge with clay films, rare thin quartz-chlorite vein at 25 deg TCA at 72 m
	General Alteration:	Yellowish clay minerals, oxidation
	Mineralization and Associated Alterations, Host Sructures:	Manganese and goethite in patches, Fe carbonae in some coarser sand lenses,

From To (m)	**Lithology:**	Siltite
81.1 - 151.2m	**Colour:**	Mauve/lavender
	Primary Structure:	Thin bedded siltite, scours, mudchips, rip-ups, sany lenses, sand dykes, 97 meters bedding TCA is 80 degrees, 142 m bedding is 75 deg TCA
	Tectonic Structure:	Some broken intervals, rare thin quartz-chlorite-sulphide veins, fault gouge 105 m, gouge 106 m, gouge 107-108.2 at 25 degrees TCA, 108.2 to 131 core is more broken, 145.2-147 gouge, core remains broken to 149.7 m
	General Alteration:	Minor Fe carbonate associated with MnO along films. Magnetite throughout. Rare thin intervals of greenish, reduced stratigraphy
	Mineralization and Associated Alterations, Host Sructures:	Green intervals: 90.5-90.7, 94-96.05 (trace malachite), 106.4-106.6, 107-108.2 greenish associated with fault gouge, silicification with thin white quartz veins: 100.3-101, 107-108.3 trace PbS+Py, 114.5-115 green with trace pyrite, 121.6-123.75 greenish, trace Py+Cpy some thin chlorite veins at 20 deg TCA, 131.5-132.5 green, 141.6-142.5 green, 149.4-151.2 Cpy blebs in sandy lenses and along rare hairline fracture

From To (m)	**Lithology:**	Sandy siltite/argillite, silty quartzites from 159 to 172.37
151.2-172.37	**Colour:**	Greenish to pink
	Primary Structure:	Sand lenses, lenticular, rip-ups, sand dykes, ball and pillow structures and scours in silty quartzites, at 152.3 m bedding is 80 deg TCA
	Tectonic Structure:	Rare thin chloritic veinlet near 156 m at 15 deg TCA
	General Alteration:	Greenish colouration, magnetite
	Mineralization and Associated Alterations, Host Sructures:	155.5-160.3 is a greenish interval, from 156 to 160.3 is trace Cpy and minor PbS dominantly within sandy lenses,

From To (m)	**Lithology:**	Interbedded thin to med (rarely above 20 cm thick) fine/silty quartzites with thinly bedded rythmic argillite/siltite/sand lense sections. At 174.15 is a 30 cm bleached silty/talcy unit.
172.37-185.7	**Colour:**	Generally pale purple/grey, dark greenish banding is common in sandy sections, argillaceous/silty intervals are commonly ligh pink
	Primary Structure:	Wavy/lenticular/discontinuous silty lams in quartzites, beds typically have scoured bases and grade into an argillaceous top. Thinly bedded sections are lenticular with rip-up argillite clasts commonly in a sandy matrix, sand dykes are common, crinkle cracks etc. Bed TCA @ 178 m is 75 deg, 180 m is 75 deg,
	Tectonic Structure:	The section is cut by hairline chlorite veinlets commonly with whitish carbonate and quartz domninantly around 20 deg TCA, there is some late fracturing with whitish/clay films sub parallel TCA
	General Alteration:	Quartzitic matrix is sericitic.
	Mineralization and Associated Alterations, Host Sructures:	Magnetite is common throughout as euhedral crystals, typically magnetite increases in siltier/thinner bedded sections. Trace blueish and yellow sulphide in the talcy section from 174.15 to 174.45, no magnetite in this interval.

From To (m)	**Lithology:**	Thinly bdd siltite/argillite with sandy lenses
185.7-186.85	**Colour:**	Top of interval has some pinkish colour transitions to various shades of light and dark green
	Primary Structure:	Sand dykes, rip-ups, wavy, lenticular beds etc.
	Tectonic Structure:	Rare thin chlorirte veinlet near 20 deg TCA, rare recent fractures with white clay films.
	General Alteration:	The section transitions over the upper 10 cm with some remnant pinkish colour into a green interval over 25 cm that fades into a bleached white/pale yellow section to the end that only shows remnant primary structural fabric.
	Mineralization and Associated Alterations, Host Sructures:	Magnetite decreases into the bleached section. From 185.95 there is an approx. 25 cm interval with trace amounts of Bn and Cpy in sandy beds. Through the remainder of the bleached interval are trace altered magnetite(?) crystals that have altered to hematite.

From To (m)	**Lithology:**	Section starts with a bleached 25 cm fine grained quartzite that is part of the last alteration zone. Interval is dominantly thin to medium bedded fine graine/silty quartzites inerbedded with some argillaceous/siltite, from 189 to 189.30 is a thinly bedded argillaceous interval.
186.65-190.4	**Colour:**	Pale grey/green with some light pink hughes, argillaceous/siltite is generally pale green, near 189 the colour becomes dominantly variations of green.
	Primary Structure:	Beds are graded with wavy/scoured bases and argillaceous/silty tops, crinkle cracks and mud chips are common. Beds at 188 m are 80 deg TCA
	Tectonic Structure:	Occassional thin chlorite veinlet at 25 deg TCA.
	General Alteration:	
	Mineralization and Associated Alterations, Host Sructures:	Magnetite is through this section till near 190 where it decreases. Near 190 there are some thin chlorite veinlets with traces of **Cpy**.

From To (m)	**Lithology:**	Thinly bedded argillite/siltite with sandy lenses
190.40-191.1	**Colour:**	Variations of green, argillite/siltite tends to be light green, sandy lenses are darker
	Primary Structure:	Crinkle cracks, sand dykes, rip-ups etc. Beds at 191 m 75 deg TCA
	Tectonic Structure:	Thin chlorite veinlets (same as)
	General Alteration:	Lack of magnetite, green colouraction
	Mineralization and Associated Alterations, Host Sructures:	Very trace Bn in sandy lenses near 190.4 to 190.6

From To (m)	**Lithology:**	All these sequences from the upper siltite interval are similar. Dominantly thin-med bdd fine grained quartzites with argillite/siltite intervals. 192.67 is a 22 cm weakly bleached massive fine grained quartzite, 193.70 is a 30 cm fine grained quartzite same as last, from 194.4 to 195.7 is a dominantly fine grained quartzite.
191.1-198.5	**Colour:**	Light pinkish grey with pale green to pinkish siltite, pale green argillaceous tops
	Primary Structure:	Graded beds, wavy, scours, mud-chips etc, beds at 194 m 80 deg TCA 197 m 77 deg TCA

	Tectonic Structure:	Rare thin qtz-carb+/-chlorite veinlets at around 20 deg TCA, occasional late hairline fractures with whitish films, there is a broken white vein interval at 198.12 m which leads into a broken section to end of interval.
	General Alteration:	Weak bleaching in thicker quartzites, all these units have fine sericite flakes
	Mineralization and Associated Alterations, Host Sructures:	Magnetite throughout section

From To (m)		
198.5-200	**Lithology:**	Same as above.
	Colour:	Variations of green
	Primary Structure:	Same as above. Beds at 199.2 are 80 deg TCA
	Tectonic Structure:	Same as above.
	General Alteration:	Only trace magnetite that is locally altered to chlorite/hematite
	Mineralization and Associated Alterations, Host Sructures:	Trace Cpy in thin chlorite veinlets near 198.8 at 20 deg TCA

From To (m)		
200-201.08	**Lithology:**	Same as above
	Colour:	Variations of green, some very light pink colouration
	Primary Structure:	Same as above
	Tectonic Structure:	Same as above
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Magnetite interval

From To (m)		
201.08-214.60	**Lithology:**	Very similar to last, quartzite units are generally becoming thicker. Still sections of argillaceous siltite with sandy lenses. May be able to break this unit out.
	Colour:	Matrix is generally greyish pink, silty lams are pinkish, some green exists in sandy lenses
	Primary Structure:	Fine grained quartzite beds are commonly wavy/planar laminated. Beds at 205.5 m are 75 deg TCA
	Tectonic Structure:	Same as above. There is a broken quartz vein at 207.53 with some pyrite and clay alteration. From here to 211 the core is quite broken. Some of the veinlets which have chlorite in other sections have a pinkish/hematitic colouration.
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Magnetite is common throughout

From To (m)		
214.60-222.20	**Lithology:**	Dominantly medium bedded fine grained quartzites with argillaceous and silty intervals. Occasional thicker bedded fine grained quartzite.
	Colour:	Light greyish pink with some green, becomes more green/grey dominant near 218
	Primary Structure:	Same as above
	Tectonic Structure:	Less veins than above, more broken near 219.5 and 220.5
	General Alteration:	Some bleached spots from 218.3-219.3 that is coincident with a decrease in magentite
	Mineralization and Associated Alterations, Host Sructures:	Magnetite through most of the section except for as noted above.

From To (m)		
222.20-226.85	**Lithology:**	Sections begins with a broken bedding parallel quartz vein to 2 cm with a clay alteration below it, broken core contiunes to near 222.50. Lithologies are similar to last but with a higher percentage of thinly bedded sequences dominated by argillite/silite and sand lenses
	Colour:	Variations of green as noted in other intervals
	Primary Structure:	Same as throughout, bedding TCA 75 deg at 226 m
	Tectonic Structure:	Some recent fractures with whitish films.
	General Alteration:	Lack of magnetite
	Mineralization and Associated Alterations, Host Sructures:	Very trace Cpy in sandy lenses and sand dykes from 222.20 to around 226.85 m, fine flaky pinkish mineral disseminated in Cpy bearing section.

From To (m)		
226.85-253.2	**Lithology:**	Similar as last. Dominated by a high percentage of thinly bedded units, lessor medium bdd quartzite than in above intervals, dominantly thin siltite/argillite with sandy lenses. At 239 are some cm scale medium grained yellowish sand lenses
	Colour:	Greyish green with a pink hue, some pink in argillite, near 230 the pink drops off until around 236.5
	Primary Structure:	Same as above, bedding TCA is 70 deg at 232 m, at 241 m it is 72 deg TCA
	Tectonic Structure:	Rare thin chlorite veinlet near 20 deg TCA, highly fractured with recent fractures from 227.75-228, there is a broken/highly fractured section from 242-242.9 m with pyrite
	General Alteration:	Some variation in magnetite content, less magnetite in narrow weakly bleached sections
	Mineralization and Associated Alterations, Host Sructures:	Trace Cpy in thin chl veinlet near 231.8 m, 237.75 there is some broken core and a 5mm qtz-py vein with a bleached marging that has some scattered py cubes,at 239 m are some scattered py cubes to 1 cm, at 240.4 there is some thin qtz-carb-chl veinlets with pyrite which are in a 40 cm bleached quartzite with scattered py cubes, there is fine magnetite throughout most of the section, trace Cpy in chl fractures near 250.6-251.3

From To (m)		
253-258.4	**Lithology:**	Section from above transitions into a more medium to thickly bedded fine grained quartzite interval
	Colour:	Pale lavender/pink
	Primary Structure:	Same as above
	Tectonic Structure:	Same as above, thin qtz-carb+/-chl veinlets near 20 deg TCA
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Magnetite throughout, hematite in some intervals

From To (m)		
258.4-268.0	**Lithology:**	thin-medium fine grained quartzites and interbedded argillite/siltite, same as much of above units
	Colour:	Pinkish grey with some green in coarser beds, colour becomes only green from 264.8 to 267.1, then passes back into a lightly purple/green section till 268
	Primary Structure:	Same as above, at 259 m beds are 70 deg TCA, 267 m beds are 75 deg TCA
	Tectonic Structure:	Same as above, thin veinlets near 20 deg TCA
	General Alteration:	Magnetite reduction from 259.1-259.7 within a green interval with Cpy, below this is only trace magnetite, getting black/greenish flakes that are likely biotite/chlorite showing up
	Mineralization and Associated Alterations, Host Sructures:	259.1-259.7 trace Cpy in chl veinlets and as rare dissemination in sandy lense, near 260.9 there are some scattered Py cubes associated with a weak spotty bleaching that extends to near 263.8, very trace Cpy in chl fractures near 265.6 m, from near 266 there is very weak Cpy+PbS along fractures and in sandy lenses.

From To (m)		
268.0-277.9	**Lithology:**	Essentially the same lithologies just with thicker bedded quartzites
	Colour:	Greyish green/bleached till 270.6 where there are some pinkish stripes over a 20 cm interval then back into green dominant, green persists till 275.65 where some pink begins to show up even in bleached intervals
	Primary Structure:	
	Tectonic Structure:	
	General Alteration:	Magnetite is decreasing to only trace amounts, scattered grains of a dark mineral that is not magnetite, likely chlorite and biotite, more magnetite begins again below 275.65
	Mineralization and Associated Alterations, Host Sructures:	Same as above, the section starts with a 1.5 cm qtz-chl vein with py at about 20 deg TCA which leads into a weakly bleached interval with pyrite in thin fractures and some scattered cubes till 268.8, there is another similar zone from 270.2-270.37 in a thicker quartzite, there is another section from 271.43 to around 272 m, at 273.2 is another bleached interval with scattered py for 20 cm, at 273.92 is another one till around 274.2, the section is then moderately bleached till near 277.7, it still retains some pinkish/mauve but is bleached with thin qtz-carb-chl+/-Py veins and scattered py cubes

From To (m)		
277.9-287.3	**Lithology:**	Same type of sequence; thin-medium-thickly bedded quartzites with interbedded siltite/argillite, arg/silt dominant from
	Colour:	Pale purple/grey/blue, some slightly greenish grey intervals
	Primary Structure:	Same as described aboveBeds at 278 are 70 deg TCA,
	Tectonic Structure:	Same as above, thin qtz-carb veins at 280 m at 20 deg TCA
	General Alteration:	Magnetite has really decreased lower in the hole, trace amounts still scattered in some sections, chlorite and or biotite flakes throughout
	Mineralization and Associated Alterations, Host Sructures:	Trace Cpy occurs in rare sandy lenses and in occasional thin fractures from 278.85-279.65 in a greyish interval that is thinner bedded, scattered py cubes associated with a weak bleaching and thin qtz-carb veining from near 280-282.2 m, from 285-286 the section is a light greenish grey in a thinner bedded sequence

From To (m)		
	Lithology:	More thickly bedded quarztite dominant sequence, some of these have conglomeratic bases composed of elongated dark silt/argillite clasts and a medium to coarse sandy matrix, they are commonly striped with purple silt

287.3-292.61	**Colour:**	Faint purple grey with purple laminae
	Primary Structure:	Beds are fining upward, have wavy silty laminations, At 289 m bedding is 80 deg TCA
	Tectonic Structure:	Thin veinlets throughout with qtz-carb-chl+/-py generally at 20 deg TCA
	General Alteration:	
	Mineralization and Associated Alterations, Host Sructures:	Scattered amounts of magnetite throughout, trace Pyrite occurs in weakly bleached intervals near 289.6-291

From To (m)		
	Lithology:	Thinly bedded silt/argillite with sandy lenses
292.61-294.6	**Colour:**	292.61-293.2 is faintly purple grey transitioning into greenish grey to end of section
	Primary Structure:	Same as other thin bedded intervals, bedding is 75 TCA at 294 m
	Tectonic Structure:	Same as throughout
	General Alteration:	Green interval lacks magnetite
	Mineralization and Associated Alterations, Host Sructures:	Trace amounts of Cpy+/-PbS in green interval in thin veinlets

From To (m)		
	Lithology:	Mixed quartzite and silt/argillite, same as throughout, highly interbedded, quartzites are generally fine with some medium silty intervals
294.6-300.10	**Colour:**	Light purple-grey
	Primary Structure:	Same as throughout
	Tectonic Structure:	Same as throughout
	General Alteration:	Patchy bleaching assoicated with some veining in the more thickly bedded quartzites, still some magnetite throughout section
	Mineralization and Associated Alterations, Host Sructures:	At 296.68 is a 2 cm qtz vein with chl and rare blebby PbS, there is another vein below with just chlorite to 297.08, veins are at 20 deg TCA

From To (m)		
	Lithology:	The section starts with a fine grained quartzite that transitions into a thinly bedded siltite/argillite with sandy lenses from around 301.15 to 302.60 which is underlain by a sequence of fine grained med-thickly bedded quartzites
300.1-304.22	**Colour:**	Pale grey to pale greenish
	Primary Structure:	Same as throughout, at 301 m bedding is at 80 deg TCA
	Tectonic Structure:	Same as throughout
	General Alteration:	The section is generally weakly bleached, there is some pale yellowish blotching in the some of the quartzite beds and sand lenses, nil for magnetite
	Mineralization and Associated Alterations, Host Sructures:	From around 301-301.4 are a few thin qtz-chl+-/-trace Cpy veinlets, there are rare trace amounts down to 302.6 m, at 303.42 there is a yellow blotched fine grained quartzite with trace amounts of fine Cpy over 28 cm

From To (m)		
	Lithology:	Thin-medium bedded fine grained quartzite with siltite/argillite, dominantly thin bedded from 308-309.2. Thin bedded section from 347.47 to 347.9 m.
304.22-310.0	**Colour:**	Section starts as pinkish-grey and transitions to greenish-grey near 307
	Primary Structure:	Same as throughout
	Tectonic Structure:	Same as throughout, some thin bedding parallel qtz-dol(?) veinlets,
	General Alteration:	The greenish interval has a decrease in magnetite, pale yellow blotching is common is sandy lenses in this sections, some bleaching of quartzites over 10-15 cm, thin/hairline veinlets commonly have a whitish carbonate(?) mineral
	Mineralization and Associated Alterations, Host Sructures:	Very trace Cpy in the thinly bedded sections both in sandy lenses and in hairline veinlets, trace Py near the top of the section and again at 308.65, Py brackets the weak Cpy

From To (m)		
	Lithology:	Start of a quartzite dominated section. Quartzites are commonly massive to faintly laminated, generally medium to thickly bedded and graded. Thinly bedded units from around 314 to 315.8
310-355.6	**Colour:**	Pale grey-pink/purple to greyish white, pale green from 314.5-315.2
	Primary Structure:	Quartzites commonly are graded, have silty internal laminations, thinly bedded units as described above, coarse to gritty bases are common with scours and mud chips, bedding at 342 m is 80 deg TCA, at 336 m is 70 deg TCA, 347 m is 80 deg TCA, 351 m is 85 deg TCA, 354 m at 85 deg TCA
	Tectonic Structure:	Thin hairline qtz-carbonate veinlets near 20 deg TC, some thin bed parallel qtz-carbonate veinlets around 314.5. There are a number of sections of broken core related to faulting, all have greasy/clay films along fractures, some have thin whitish quartz veinlets, at 312.20 to 312.80. Broken from 316 to 316.5 near 10 deg TCA. Core is broken again with a high degree of fractures near 318.2 to 321.0 m with gouge developed over 30 cm from 319.6 m. The section is fractured and broken again at 322.95 to 335.9, there are number of gouge zones throughout, all the fractures have a light greenish clay that is polished, clay gouge normally has py in dark grey clay. In general fracturing doesn't look to have offset units in most instances, looks to have just broken through. In many places the fracturing is a network largely sub-parallel TCA. at 341.1 there is a 2 cm qtz-chlorite veinat 20 degrees TCA which forms a conjugate set with other chl veinlets
	General Alteration:	Trace amounts of magnetite throughout
	Mineralization and Associated Alterations, Host Sructures:	One or two blebs of Cpy in greenish thinly bedded intervals and in hairline veinlets within these sequences. Bleached/mottled whitish/purple alteration in the footwall of the fault at 312.8 that contiunes to 313.5 m. Some other sections of this bleaching in the fractured/faulted zones below 313.5 m. Some of the bleached quartzites have scattered Py cubes, at 346.5 is a 35 cm greenish siltite with very rare Cpy

From To (m)		
	Lithology:	Dominated by thin-medium bedded silty quartzites and some arg/siltite
355.6-360.62	**Colour:**	Alternating from blue-grey to pink grey and pale greenish/pink
	Primary Structure:	Same as throughout
	Tectonic Structure:	Same as throughout
	General Alteration:	
	Mineralization and Associated Alterations, Host Sructures:	Magnetite throughout

From To (m)		
	Lithology:	A mix of medium to thickly bedded fine grained/silty quartzites/coarse siltite with packages of thin bedded siltite/argillite, becomes more mixed and siltite rich from 390 down
360.62-400	**Colour:**	Light blue-grey with pinkish tinges in some laminae and in argillite chips
	Primary Structure:	Quartzite beds are graded, frequently have a scoured base with some gritty and mudchip material, and have wavy/silty lams, thin bedded sequences as described above
	Tectonic Structure:	As described above, very thin veins with quartz-carbonate+/-chlorite typically at 20 deg TCA pretty well only in the quartzite units, bedding is consistently at high angles TCA (75-85 deg)
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Greenish from 368-368.6 and from 378.80-381.27, this lower section have very trace Cpy+/-PbS, thicker bedded quartzites generally are weakly bleached, related to veinlets, scattered trace py cubes are common in these beds

From To (m)		
	Lithology:	This section is transitional from the last. In general beds are thinner and dominated by siltite with lessor fine grained silty quartzite. Transitioning into C1?. Core is badly scoured.
400-408.5	**Colour:**	Dark grey/blueish to near 401 at which a dark greenish grey colour dominates.
	Primary Structure:	Difficult to see due to scour. Looks to be wavy and thinly bedded. Occasional quartzite is as described above. Bedding dominantly 80 deg TCA throughout.
	Tectonic Structure:	Occasional quartz veinlet near 20 deg TCA
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Biotite and magnetite are common throughout, trace scattered pyrite

From To (m)		
	Lithology:	Mix of very fine grained silty quartzite/coarse siltite and thinly bedded argillaceous siltite
408.5-423	**Colour:**	Greyish/chalky blue
	Primary Structure:	Quartzites rarely exceed 20 cm, commonly have mudchip-sandy bases and grade up. Silt/argillite is wavy. Crinkle cracks are common as well as rip ups in argillaceous bands. Bedding is from 75-80 deg TCA
	Tectonic Structure:	Thin quartz veins near 20 deg TCA, generally in more thickly bedded quartzites
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Pyrite is scattered in weakly bleached quartzites associated with quartz-carbonate veinlets, very trace Cpy is scattered in thinly bedded units that are more chloritic and have less magnetite. Magnetite and biotite is common throughout.

From To (m)		
	Lithology:	Transitional from last. Units are becoming dominantly thinly bedded as described above
423-425	**Colour:**	Dark greyish green
	Primary Structure:	Same as described above
	Tectonic Structure:	Occasional thin quartz veinlet at 20 deg TCA
	General Alteration:	Nil

	Mineralization and Associated Alterations, Host Sructures:	Scattered Cpy+/-Py in greenish intervals

From To (m)		
425-438.7	**Lithology:**	Mixed sequence of fine grained silty quartzites to coarse siltites with argillaceous siltite
	Colour:	Light/chalky grey slightly blue
	Primary Structure:	Quartzites have scoured bases with thin dark mud chips and some medium sand, they grade upward to silt/argillite, beds rarely exceed 20 cm thick. Thin bedded siltite/argillite is wavy with rip-ups and crinkle cracks.
	Tectonic Structure:	As described throughout
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Scattered py in weakly bleached quartzite intervals associated with thin quartz veins, occassional trace scattered Cpy in greenish/more dark beds, biotite and magnetite throughout

From To (m)		
438.8-443.67	**Lithology:**	Thinly bedded argillaceous siltite
	Colour:	Dark greenish
	Primary Structure:	Wavy bed forms, crinkle cracks, rip-ups etc. Bedding is generally 75 deg TCA
	Tectonic Structure:	Nil
	General Alteration:	Nil
	Mineralization and Associated Alterations, Host Sructures:	Scattered Cpy and py, magnetite appears to be dropping off.

From To (m)		
443.67-499.86	**Lithology:**	Last interval transitions into interbedded silty fine grained quartzites/coarse siltite with thinly bedded to massive arg/siltite, occasional band of medium grained gritty feldspathic/sericitic quartzite
	Colour:	Greyish/chalky with a blue to pale green tinge in quartzites, argillite/siltite is commonly pale green to bleached
	Primary Structure:	Gritty sand beds are up to 30+ cm thick, commonly cm scale, beds throughout are wavy, discontinous, lots of silty lams, thin bedded sections have rip-ups etc, scoured bases throughout,
EOH		bedding is from 75-80 deg TCA
	Tectonic Structure:	Thin quartz-carbonate veins at 20 deg TCA throughout, thin qtz-chl-Cpy+/-Bn(?) vein sub parallel TCA at 458.5 m
	General Alteration:	There is a pale creamy/white alteration throughout the interval. It commonly forms blotches and or pervasive bands. Under the lense it is an opaque creamy mineral within the sandy matrix (albite?, sericite?). There is a lack of magnetite throughout. Biotite and or chlorite contiues through the section. If the magnetite and biotite/chlorite are metamorphic, as they appear to be, there has either been a change in the depositional environment and or an early alteration that predates the metamorphism to explain the lack of magnetite through this interval. As there is the widespread pale alteration through the interval it seems likely that there was an early alteration event.
	Mineralization and Associated Alterations, Host Sructures:	Throughout the interval are occasional scattered grains of Cpy and Py, the sulphides are often intergrown and associated with chlorite, at 459.1 is a 15 cm albitic(?) section with fine pyrite associated with bedding parallel foliation.

Drill Hole	From(m)	To(m)	Width	Type	Duration	Cu	Cu Error	Pb	Pb Error	Zn	Zn Error	Mn	Mn Error	Mo	Mo Error	Zr	Zr Error	Sr	Sr Error	U	U Error	Rb	Rb Error	Th	Th Error	Au	Au Error	Se	Se Error	As	As Error	Hg	Hg Error	W	W Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error
SFBK18-01	6	7	1	Soil	90	134.98	17.03	<LOD	6.35	119.47	11.15	8498.03	171.4	<LOD	4.03	130.65	4.36	82.57	3.33	<LOD	5.22	6.62	1.76	<LOD	4.23	<LOD	6.58	<LOD	3.99	6.18	3.47	<LOD	9.98	<LOD	43.17	120.72	26.39	<LOD	292.78	109417.5	507.19
	7	8	1	Soil	90	155.26	17.21	<LOD	5.57	93.76	10.16	8840.54	151.81	<LOD	3.97	131.97	4.31	80.04	3.25	<LOD	5.34	17.06	2.12	<LOD	4.19	<LOD	6.77	<LOD	3.88	<LOD	4.56	<LOD	9.66	<LOD	42.62	133.57	25.89	<LOD	273.52	98119.97	473.88
	8	9	1	Soil	90	193.38	18.56	<LOD	6.1	122	11.31	9232.57	178.41	<LOD	4.07	137.17	4.45	78.02	3.27	<LOD	5.38	5.14	1.74	<LOD	4.21	<LOD	6.7	<LOD	4.03	5.93	3.34	<LOD	9.78	<LOD	43.28	123.79	26.59	<LOD	307.94	120661.8	533.8
	9	10	1	Soil	90	264.74	20.85	<LOD	6.37	111.64	11.28	17146.4	215.68	<LOD	4.21	152.74	4.76	86.99	3.51	<LOD	5.53	5.09	1.77	<LOD	4.42	<LOD	6.94	<LOD	4.02	5.73	3.48	<LOD	10.3	<LOD	44.79	201.67	28.35	<LOD	317.94	125275.9	558.83
	10	11	1	Soil	90	240.51	19.85	<LOD	6.3	110.97	10.99	9866.39	194.49	<LOD	4.08	139.59	4.52	94.85	3.57	<LOD	5.31	3.87	1.67	<LOD	4.29	<LOD	6.65	<LOD	3.94	<LOD	5.05	<LOD	10.02	<LOD	43.33	137.38	26.48	<LOD	298.9	115643.9	523.11
	11	12	1	Soil	90	150.36	16.75	<LOD	5.5	83.27	9.54	5355.47	136.28	<LOD	3.82	98.27	3.81	86	3.28	<LOD	4.91	4.48	1.58	<LOD	3.91	<LOD	6.25	<LOD	3.66	<LOD	4.43	<LOD	9.38	<LOD	40.75	76.46	23.96	<LOD	241.43	79405.8	417.27
	12	13	1	Soil	90	149.82	16.36	<LOD	5.68	75.74	9.05	7738.43	163.25	<LOD	3.69	45.8	2.91	62.02	2.8	<LOD	4.73	3.74	1.5	<LOD	3.58	<LOD	5.88	<LOD	3.5	<LOD	4.47	<LOD	9.03	<LOD	39.31	89.15	23.13	<LOD	216.19	69002.73	379.58
	13	14	1	Soil	90	192.7	18.09	<LOD	6.08	109.83	10.67	10670.02	181.8	<LOD	3.85	88.76	3.69	83.74	3.3	<LOD	5.12	5.82	1.7	<LOD	4.08	<LOD	6.6	<LOD	3.81	<LOD	4.81	<LOD	9.59	<LOD	41.66	123.31	25.68	<LOD	283.98	106682.7	492.4
	14	15	1	Soil	90	175.62	18.25	<LOD	6.01	95.31	10.44	2256.33	109.5	<LOD	4.01	107.44	4.1	82.19	3.38	<LOD	5.29	6.15	1.76	<LOD	4.23	<LOD	6.63	<LOD	3.9	<LOD	4.77	<LOD	9.87	<LOD	42.21	118.67	26.26	<LOD	321.57	134428.2	562.5
	15	16	1	Soil	90	130.27	15.83	<LOD	5.63	89.06	9.58	4236	123.43	3.89	2.56	103.79	3.77	70.01	2.96	<LOD	4.99	5.03	1.62	<LOD	3.79	<LOD	6.43	<LOD	3.68	<LOD	4.49	<LOD	9.23	<LOD	39.42	76.25	23.3	<LOD	233	77484.59	404.17
	16	17	1	Soil	90	102.86	15.46	<LOD	5.88	125.71	11.08	2909.52	112.71	<LOD	3.94	143.8	4.45	89.5	3.39	<LOD	5.28	8.47	1.82	<LOD	4.21	<LOD	6.44	<LOD	3.84	<LOD	4.67	<LOD	9.68	<LOD	42.02	99.68	25.01	<LOD	273.71	98943.21	470.5
	17	18	1	Soil	90	150.38	17.18	<LOD	6.27	133.69	11.48	6152.45	149.4	<LOD	4.01	138.05	4.41	79.17	3.26	<LOD	5.31	4.86	1.71	<LOD	4.15	<LOD	6.82	<LOD	3.91	<LOD	4.86	<LOD	9.82	<LOD	43.16	127.5	26.19	<LOD	288.72	108023.9	498.96
	18	19	1	Soil	90	248.13	20.05	<LOD	6.63	153.9	12.26	14365.29	227.11	<LOD	4.02	120.28	4.21	76.35	3.23	<LOD	5.41	5.2	1.74	<LOD	4.27	<LOD	6.45	<LOD	3.79	6.3	3.62	<LOD	9.79	<LOD	43.84	170.28	26.81	<LOD	288.5	109690.5	508.86
	19	20	1	Soil	90	136.81	17.63	<LOD	6.07	147.25	12.29	3042.55	121.32	<LOD	4.12	120.73	4.31	76.03	3.29	<LOD	5.48	4.15	1.72	<LOD	4.13	<LOD	6.91	<LOD	4.07	<LOD	4.91	<LOD	10.24	<LOD	44.99	98.92	26.96	<LOD	308.34	117068.8	532.21
	20	21	1	Soil	90	98.34	16.24	<LOD	5.82	103.27	10.57	4161.95	126.51	<LOD	4.06	125.27	4.35	99.31	3.63	<LOD	5.45	9.87	1.92	<LOD	4.07	<LOD	6.75	<LOD	3.97	<LOD	4.67	<LOD	10.03	<LOD	43.76	63.3	25.46	<LOD	263.03	88449.01	452.54
	21	22	1	Soil	90	70.71	14.17	<LOD	6.18	81.4	9.4	2789.21	105.59	<LOD	3.9	150.93	4.5	123.59	3.84	<LOD	5.71	24.41	2.36	<LOD	3.95	<LOD	6.48	<LOD	3.77	<LOD	4.93	<LOD	9.46	<LOD	41.08	102.32	24.32	<LOD	253.53	88149.66	435.28
	22	23	1	Soil	90	56.24	14.96	<LOD	6.7	84.21	10.11	7640.17	169.98	<LOD	4.13	137.33	4.56	104.73	3.77	<LOD	5.57	12.28	2.04	<LOD	4.37	<LOD	6.92	<LOD	3.99	6	3.62	<LOD	10.05	<LOD	44.21	155.25	27.15	<LOD	311.66	123158.7	546.1
	23	24	1	Soil	90	65.52	12.85	<LOD	5.33	76.79	8.51	5679.48	121.17	<LOD	3.57	79.87	3.27	53.86	2.48	<LOD	4.93	15.08	1.87	21.98	3.26	<LOD	5.81	<LOD	3.38	<LOD	4.24	<LOD	8.26	<LOD	35.24	75.68	21.18	<LOD	197.24	70225.32	344.39
	24	25	1	Soil	90	16.28	10.07	<LOD	4.78	35.15	6.44	419.03	48.81	<LOD	3.74	301.66	5.14	42.79	2.13	<LOD	6.49	87.73	3.38	16.68	3.03	<LOD	5.46	<LOD	3.13	<LOD	3.8	<LOD	7.74	<LOD	32.72	53.79	18.24	<LOD	104.19	20000.28	177.66
	25	26	1	Soil	90	<LOD	14.68	<LOD	4.45	33.45	6.2	949.97	58.98	4.57	2.33	175.69	4.03	47.47	2.22	<LOD	5.35	51.63	2.66	8.41	2.57	<LOD	5.07	<LOD	2.93	<LOD	3.51	<LOD	7.37	<LOD	30.57	45.89	17.64	<LOD	106.62	22237.48	186.22
	26	27	1	Soil	90	<LOD	15.61	<LOD	4.57	28.78	6.3	572.62	51.7	3.75	2.42	210.47	4.39	52.65	2.36	<LOD	5.28	43.34	2.53	9.82	2.66	<LOD	5.51	<LOD	3.19	<LOD	3.67	<LOD	7.96	<LOD	33.61	29.31	18.3	<LOD	93.38	14393.45	158.01
	27	28	1	Soil	90	15.53	9.98	<LOD	4.6	29.77	6.13	637.39	50.55	3.74	2.3	156.92	3.85	51.75	2.29	<LOD	5.65	66.37	2.89	12.22	2.74	<LOD	5.42	<LOD	3.11	<LOD	3.59	<LOD	7.65	<LOD	32.17	39.47	17.71	<LOD	89.49	14190.7	151.36
	28	29	1	Soil	90	<LOD	15.17	<LOD	4.81	33.38	6.36	232.23	43.56	3.75	2.4	196.51	4.31	55.87	2.41	<LOD	6.86	124.51	3.89	13.42	2.94	<LOD	5.43	<LOD	3.22	<LOD	3.77	<LOD	7.61	<LOD	32.08	47.21	18.27	<LOD	97.99	16158.78	163.46
	29	30	1	Soil	90	23.35	11.23	<LOD	5.05	60.99	7.82	733.92	60.26	<LOD	3.74	183.61	4.34	52.84	2.46	<LOD	7.08	113.92	3.93	7.33	2.84	<LOD	6.02	<LOD	3.49	<LOD	3.96	<LOD	8.39	<LOD	35.57	62.92	20.28	148.88	97.18	33556.4	246.6
	30	31	1	Soil	90	20.89	11.19	<LOD	5.58	62.95	7.99	379.14	52.8	4.51	2.67	297.69	5.35	62.86	2.66	<LOD	8.26	171.72	4.78	22.4	3.56	<LOD	6.02	<LOD	3.5	<LOD	4.32	<LOD	8.68	<LOD	36.83	74.63	20.43	<LOD	141.41	31467.88	240.58
	31	32	1	Soil	90	<LOD	17.05	<LOD	5.36	55.22	7.74	1155.73	66.59	5	2.58	196.92	4.58	49.95	2.45	<LOD	7.98	155.88	4.68	14.54	3.28	<LOD	6.12	<LOD	3.54	<LOD	4.21	<LOD	8.46	<LOD	36.28	57.1	20.45	<LOD	133.06	27037.55	226.91
	32	33	1	Soil	90	<LOD	17.43	<LOD	5.63	75.82	8.79	1343.76	76.82	<LOD	3.93	187.71	4.59	48.92	2.51	<LOD	8.31	158.25	4.77	13.53	3.41	<LOD	6.24	<LOD	3.6	<LOD	4.4	<LOD	8.92	<LOD	38.2	95.2	22.15	<LOD	188.11	55291.11	329.21
	33	34	1	Soil	90	20.53	12.03	<LOD	6.71	71.91	8.69	442.81	58.97	7.55	2.83	280.08	5.5	51.09	2.57	<LOD	10.66	302.05	6.61	19.64	3.9	<LOD	6.53	<LOD	3.72	<LOD	5.2	<LOD	9.23	<LOD	38.85	84.97	22.25	<LOD	178.28	46797.68	304.76
	34	35	1	Soil	90	30.03	12.24	<LOD	6.09	69.6	8.53	447.29	58.38	5.69	2.74	252.14	5.19	57.21	2.66	<LOD	10.02	265.67	6.16	19.2	3.77	<LOD	6.33	<LOD	3.78	<LOD	4.71	<LOD	9.01	<LOD	38.23	73.22	21.79	<LOD	175.66	45460.5	300.96
	35	36	1	Soil	90	<LOD	16.71	7.87	4.53	78.55	8.5	2389.04	81.58	5.01	2.59	218.58	4.76	55.84	2.54	<LOD	8.6	197.94	5.17	19.1	3.55	<LOD	6.08	<LOD	3.47	<LOD	5.19	<LOD	8.66	<LOD	36.15	75.85	20.55	<LOD	135.75	28393.68	232.05
	36	37	1	Soil	90	25.64	11.99	<LOD	6.51	52.81	7.87	333.02	54.03	5.92	2.76	289.61	5.5	54.92	2.6	<LOD	9.94	269.37	6.16	17.67	3.69	<LOD	6.42	<LOD	3.75	<LOD	5.05	<LOD	9.06	<LOD	38.61	91.76	22.03	248.43	107.02	36923.11	270.05
	37	38	1	Soil	90	17.61	9.98	<LOD	4.79	44.95	6.77	722	52.92	5.3	2.51	321.95	5.18	72.59	2.67	<LOD	5.35	44.31	2.49	11.13	2.69	<LOD	5.28	<LOD	3.11	<LOD	3.76	<LOD	7.77	<LOD	32.41	45.11	17.8	<LOD	83.78	11781.39	139.51
	38	39	1	Soil	90	<LOD	15.79	<LOD	5.45	55.7	7.46	800.57	58.68	4.33	2.56	260.01	5.03	72.88	2.78	<LOD	7.16	125.03	4.07	19.05	3.32	<LOD	5.86	<LOD	3.39	<LOD	4.12	<LOD	8.06	<LOD	33.93	79.8	19.71	<LOD	119.01	24387.24	204.01
	39	40	1	Soil	90	17.33	11.46	<LOD	5.77	65.66	8.27	996.03	68.17	5.93	2.69	240.07	5.08	63.89	2.76	<LOD	8.68	188.72	5.15	14.02	3.43	<LOD	6.35	<LOD	3.64	<LOD	4.44	<LOD	8.75	<LOD	36.54	65.06	20.97	<LOD	172.46	47778.68	298.21
	40	41	1	Soil	90	17.37	10.29	<LOD	5.21	44.08	6.88	249.7	44.68	4.93	2.46	223.99	4.61	71.92	2.7	<LOD	7.3	139.44	4.22	14.9	3.07	<LOD	5.66	<LOD	3.27	<LOD	3.95	<LOD	7.95	<LOD	33.49	50.23	18.54	110.43	67.48	16331.03	168.37
	41	42	1	Soil	90	<LOD	15.21	<LOD	5.35	46.13	6.93	274.72	44.73	4.85	2.48	254.05	4.83	74.11	2.72	<LOD	6.89	127.1	3.85	12.08	2.91	<LOD	5.67	<LOD	3.23	<LOD	4.11	<LOD	7.98	<LOD	33.55	57.21	18.45	<LOD	88.4	12539.92	147.17
	42	43	1	Soil	90	<LOD	15.86	<LOD	5.18	69.15	7.93	367.65	50.04	7.36	2.63	304.74	5.3	69.87	2.72	<LOD	7.23	135.42	4.15	16.08	3.18	<LOD	5.82	<LOD	3.32	<LOD	4.07	<LOD	8.28	<LOD	34.25	67.01	19.56	126.23	82.23	23950.07	207.4
	43	44	1	Soil	90	18.12	10.37	<LOD	5.01	112.22	9.13	576.33	53.39	4.82	2.5	261.22	4.9	67.65	2.64	<LOD	5.73	60.29	2.87	12.28	2.85	<LOD	5.54	<LOD	3.25	<LOD	3.87	<LOD	7.93	<LOD	33.56	50.81	18.73	136.15	72.25	18630.92	180.61
	44	45	1	Soil	90	144.51	13.47	14.34	4.5	81.38	8.31	1126.96	62.13	4.4	2.49	246.12	4.84	79.92	2.83	6.96	4.49	93.91	3.46	40.5	3.86	<LOD	5.74	<LOD	3.44	<LOD	5.14	<LOD	7.91	<LOD	34.72	56.81	18.66	<LOD	95.93	14719.72	161.19
	45	46	1	Soil	90	57.68	11.69	<LOD	5.6	71.72	7.92	381.02	48.27	5.53	2.53	263.45	4.97	77.48	2.8	<LOD	7.15	130.43	4.1	17.24	3.17	<LOD	5.84	<LOD	3.4	<LOD	4.16	<LOD	8.02	<LOD	33.96	66.43	18.98	107.98	64.85	14768.67	161.3
	46	47	1	Soil	90	29.82	11.3	<LOD	5.44	91.9	8.85	497.91	54.46	5.98	2.64	288.87	5.27	59.97	2.58	<LOD	7.79	150.4	4.46	16.91	3.3	<LOD	5.98	<LOD	3.48	<LOD	4.27	<LOD	8.55	<LOD	36.24	73.74	20.15	158.64	88.35	27207.44	222.74
	47	48	1	Soil	90	<LOD	15.94	<LOD	5.46	71.96	8.06	398.94	50.54	<LOD	3.77	238.64	4.8	63	2.61	<LOD	7.6	144.46	4.35	14.66	3.14	<LOD	5.77	<LOD	3.45	<LOD	4.25	<LOD	8.36	<LOD	35.46	74.93	19.78	<LOD	118.92	22181.24	199.81
	48	49	1	Soil	90	29.2	11.58	<LOD	6.14	60.53	7.88	370.9	52.01	4.94	2.65	269.16	5.2	67.33	2.75	<LOD	8.76	200.44	5.21	17.71	3.47	<LOD	6.26	<LOD	3.59	<LOD	4.64	<LOD	8.77	<LOD	36.7	71.79	20.54	137.64	88.14	26370.12	222.65
	49	50	1	Soil	90	24.22	10.9	<LOD	5.3	66.36	7.89	1299.47	67.26	5.04	2.55	243.82	4.85	66.06	2.67	<LOD	7.03	110.23	3.84	11.49	2.98	<LOD	5.68	<LOD	3.38	<LOD	4.07	<LOD	8.23	<LOD	34.76	65.24	19.47	<LOD	128.5	26982.03	220.22
	50	51	1	Soil	90	18.82	10.76	<LOD	5.25	82.04	8.41	691.96	57.9	3.77	2.5	227.89	4.71	61	2.57	<LOD	6.6	96.21	3.58	10.88	2.91	<LOD	5.69	<LOD	3.33	<LOD	4.11	<LOD	8.16	<LOD	35.58	55.39	19.44	<LOD	131.71	28107.28	223.63
	51	52	1	Soil	90	32.76	11.39	<LOD	6.54	67.59	8	611.42	56.87	4.75	2.6	263.05	5.06	53.9	2.47	<LOD	8.98	217.34	5.35	23.9	3.68	<LOD	5.96	<LOD	3.45	<LOD	4.91	<LOD	8.38	<LOD	35.37	69.36	19.99	157.15	83.3	23951.21	209.48
	52	53	1	Soil	90	490.51	21.95	29.04	5.43	94.53	9.37	2273.18	85.82	4.21	2.56	202.41	4.62	54.8	2.53	<LOD	7.7	138.39	4.41	14.41	3.38	<LOD	6.03	<LOD	3.56	<LOD	6.24	<LOD	8.64	<LOD	36.83	64.93	20.43	<LOD	143.51	32495.08	247.33
	53	54	1	Soil	90	159.12	15.05	<LOD	6.24	114.1	9.76	710.96	61.25	<LOD	3.92	240.78	4.98	57.97	2.6	<LOD	8.41	177.36	4.94	15.67	3.39	<LOD	6.11	<LOD	3.56	<LOD	4.81	<LOD	8.74	<LOD	36.84	89.4	21.07	170.42	96.24	31343.72	243.51
	54	55	1	Soil	90	22.46	11.26	22.85	4.98	107.23	9.34	684.31	59.07	<LOD	3.83	237.3	4.89	63.49	2.66	<LOD	7.34	124.47	4.1	14.52	3.28	<LOD	5.81	<LOD	3.43	<LOD	5.62	<LOD	8.37	<LOD	36.88	57.52	20.13	152.9	89.48	27952.78	226.06
	55	56	1	Soil	90	24.78	11.87	35.26	5.95	95.43	9.34	2618.17	89.17	5.43	2.66	205.12	4.74	62.6	2.74	<LOD	8.97	204.75	5.31	14.46	3.59	<LOD	6.38	<LOD	3.69	<LOD	6.87	<LOD	9.06	<LOD	38.6	123.89	21.92	<LOD	162.99	45267.42	285.44
	56	57	1	Soil	90	53.43	11.92	<LOD	5.26	124.2	9.76	843.83	62.09	5.09	2.5	208.35	4.56	61.83	2.59	<LOD	6.23	73.64	3.19	13.55	3.02	<LOD	5.77	<LOD	3.4	<LOD	4.13	<LOD	8.33	<LOD	36.01	68.15	19.85	<LOD	135.55	28903.2	229.14
	57	58	1	Soil	90	43.39	11.64	32.6	5.5	85.47	8.61	534.27	54.34	6.11	2.63	275.49	5.18	75.25	2.83	<LOD	8.52	183.68	4.94	22.39	3.65	<LOD	5.96	<LOD	3.48	<LOD	6.13	<LOD	8.36	<LOD	35.94	58.47	19.56	<LOD	114.4	20115.92	191.83
	58	59	1	Soil	90	278.77	16.89	<LOD	6.31	79.66	8.42	1341.06	66.8	5.3	2.54	241.66	4.83	68.77	2.69	<LOD	7.93	164.64	4.62	19.12	3.37	<LOD	5.8	<LOD	3.41	<LOD	4.82	<LOD	8.2	<LOD	35	56.59	19.08	<LOD	113.62	21570.86	194.01
	59	60	1	Soil	90	93.34	13.59	<LOD	6.31	126.36	10.16	535.84	57.13	6.27	2.68	262.92	5.21	74.54	2.88	<LOD	9	213.37	5.41	19.44	3.6	<LOD	6.38	<LOD	3.72	<LOD	4.78	<LOD	8.86	<LOD	37.8	83.37	21.05	192.74	95.46	30224.05	240.76
	60	61	1	Soil	90	166.79	15.37	13.05	4.88	115.65	9.95	3403.97	96.78	4.89	2.68	257.61	5.13	59.85	2.67	<LOD	8.69	187.56	5.16	13.71	3.43	<LOD	6.33	<LOD	3.66	<LOD	5.55	<LOD	8.9	<LOD	36.91	85.51	21.27	<LOD	159.92	38838.21	275.56
	61	62	1	Soil	90	180.84	15.73	13.24	4.93	157.47	10.93	4211.03	105.44	5.81	2.68	247.49	5.12	62.85	2.72	<LOD	8.08	161.32	4.64	20.46	3.66	<LOD	6.12	<LOD	3.6	<LOD	5.67	<LOD	8.84	<LOD	37.62	104.03	21.53	<LOD	163.83	43243.85	284.66
	62	63	1	Soil	90	27.91	11.32	11.06	4.6	76.34	8.37	837.97	61.82	6.73	2.62	246.79	4.96	68.17	2.73	<LOD	8.46	194.59	5	16.68	3.4	<LOD	5.85	<LOD	3.4	<LOD	5.27	<LOD	8.62	<LOD	36.31	69.47	20.13	150.84	84.8	24779.47	213.64
	63	64	1	Soil	90	38.12	11.32	11.92	4.58	58.14	7.55	1607.01	70.3	5.36	2.56	259.33	4.97	67.11	2.66	<LOD	8.32	184.82	4.88	18.63	3.4	<LOD	6.08	<LOD	3.45	<LOD	5.22	<LOD	8.28	<LOD	34.53	61.72	19.34	<LOD	111.85	19856.44	188.42
	64	65	1	Soil	90	24.37	10.99	<LOD	6.36	70.77	8.06	387.47	50.53	5.8	2.64	298.06	5.33	73.63	2.79	<LOD	8.61	195.39	5.04	20.5	3.49	<LOD	5.77	<LOD	3.4	<LOD	4.88	<LOD	8.53	<LOD	35.66	66.91	19.68	152.57	77.32	20681.08	193.41
	65	66	1	Soil	90	19.89	10.98	14.92	4.79	82.74	8.54	461.85	53.41	5.73	2.63	281.85	5.24	65.6	2.69	<LOD	8.36	182.8	4.91	17.3	3.43	<LOD	6.03	<LOD	3.47	<LOD	5.4	<LOD	8.59	<LOD	36.08	80.08	20.2	131.97	84.08	24769.56	212.07
	66	67	1	Soil	90	141.19	13.5	7.94	4.28	105.75	9.04	2335.72	85.86	4.85	2.46	212.35	4.55	77.49	2.81	<LOD	6.23	74.86	3.19	13.49	2.99	<LOD	5.71	<LOD	3.33	<LOD	4.86	<LOD	8.02	<LOD	34.27	58.64	18.89	<LOD	110.78	20237.51	190.09
	67	68	1	Soil	90	73.37	12.14	<LOD	5.94	114.24	9.28	700.7	56.99	3.76	2.5	250.09	4.86	69.95	2.69	<LOD	7.18	123.29	3.99	15.66	3.14	<LOD	5.73	<LOD	3.38	<LOD	4.49	<LOD	8.08	<LOD	33.94	56.57	18.99	<LOD	107.98	18726.51	181.46
	68	69	1	Soil	90	18.72	11.38	8.11	4.63	104.08	9.45	596.14	59.82	5.33	2.68	261.7	5.19	60.88	2.67	<LOD	9.18	218.46	5.5	17.33	3.59	<LOD	6.15	<LOD	3.63	<LOD	5.18	<LOD	8.86	<LOD	37.5	73.06	21.17	224.01	108.45	39802.13	274.9
	69	70	1	Soil	90	<LOD	16.56	<LOD	6.04	75.5	8.42	1037.03	66.51	4.45	2.62	238.9	4.95	60.05	2.63	<LOD	8.81	198.43	5.19	16.52	3.44	<LOD	6.09	<LOD	3.5	<LOD	4.64	<LOD	8.6	<LOD	36.22	70	20.51	<LOD	145.6	33143.66	246.86
	70	71	1	Soil	90	17.4	10.59	<LOD	5.7	83.92	8.39	493.58	52.84	4.96	2.49	215.76	4.6	72.2	2.75	<LOD	6.96	113.05	3.9	12.32	3	<LOD	5.83	<LOD	3.4	<LOD	4.37	<LOD	8.2	<LOD	34.22	67.85	19.42	<LOD	121.11	23682.84	204.72
	71	72	1	Soil	90	<LOD	16.51	<LOD	5.41	60.27	7.81	486.54	54.47	5.05	2.56	214.97	4.7	71	2.79	<LOD	7.6	140.64	4.33	9.95	3.01	<LOD	5.82	<LOD	3.37	<LOD	4.22	<LOD	8.41	<LOD	35.91	57.54	20.04	<LOD	127.36	27408.88	215.59
	72	73	1	Soil	90	<LOD	16.48	<LOD	6.53	61.63	7.88	2122.02	78.61	4.79	2.58	228.41	4.83	71.7	2.8	<LOD	7.68	142	4.39	14	3.24	<LOD	6.01	<LOD	3.44	<LOD	5.07	<LOD	8.44	<LOD	35.7	60.12	19.94	<LOD	126.98	25503.08	217.43
	73	74	1	Soil	90	20.38	10.84	<LOD	6.21	72.75	8.11	442.32	52.03	<LOD	3.8	242.34	4.88	72.65	2.78	<LOD	7.99	158.34	4.6	14.55	3.21	<LOD	5.92	<LOD	3.34	<LOD	4.83	<LOD	8.22	<LOD	34.83	73.01	19.77	<LOD	119.86	22364.37	201.4
	74	75	1	Soil	90	<LOD	16.96	12.47	4.85	74.19	8.54	1747.46	79	4.18	2.67	262.88	5.18	63.82	2.72	<LOD	8.7	183.48	5.1	16.6	3.51	<LOD	6.35	<LOD	3.71	<LOD	5.66	<LOD	8.87	<LOD	37.34	61.31	20.86	134.61	89.07	26441.52	225.63
	75	76	1	Soil	90	20.71	11.42	<LOD	6.46	70.82	8.35	1496.71	74.22	6.64	2.69	272.03	5.29	109.96	3.32	<LOD	8.09	157.9	4.63	15.48	3.39	<LOD	6.23	<LOD	3.68	<LOD	4.95	<LOD	8.82	<LOD	37.76	89.31	21.04	<LOD	143.38	31990.81	246.13
	76	77	1	Soil	90	20.67	11.29	<LOD	6.28	71.11	8.27	1055.63	66.89	4.67	2.59	220.87	4.8	73.11	2.81	<LOD	8.47	185.08	4.97	15.89	3.38	<LOD	6.12	<LOD	3.52	<LOD	4.87	<LOD	8.64	<LOD	36.65	63.44	20.35	133.91	86.57	26212.49	218.83
	77	78	1	Soil	90	17.6	10.82	<LOD	6.41	58.01	7.62	1852.39	78.52	4.06	2.54	241.5	4.93	138.56	3.6	<LOD	7.27	118.24	3.91	13.28	3.12	<LOD	5.94	<LOD	3.48	<LOD	4.85	<LOD	8.39	<LOD	35.25	75.34	19.8	<LOD	112.7	20322.95	191.41
	78	79	1	Soil	90	<LOD	15.32	<LOD	5.75	68.89	7.7	850.44	58.79	4.46	2.41	192.03	4.29	69.65	2.64	<LOD	7.09	131.35	4.06	13.22	2.99	<LOD	5.75	<LOD	3.33	<LOD	4.41	<LOD	7.88	<LOD	33.45	65.48	18.77	<LOD	101.05	16744.44	169.68
	79	80	1	Soil	90	<LOD	16.27	<LOD	6.12	71.81	8.17	1247.61	69.78	5.17	2.58	248.4	4.96	64.52	2.67	<LOD	7.93	162.58	4.6	19.22	3.43	<LOD	6.04	<LOD	3.51	<LOD	4.79	<LOD	8.45	<LOD	35.68	70.18	20.23	166.5	91.04	29838.35	230.07
	80	81	1	Soil	90	17.72	10.76	6.88	4.36	89.51	8.67	649.69	57.54	5.76	2.67	340.81	5.59	67.72	2.69	<LOD	7.99	166.41	4.59	26.78	3.65	<LOD	5.98	<LOD	3.54	<LOD	5.05	<LOD	8.41	<LOD	35.59	59.08	19.58	<LOD	126.65	25609.42	213.56
	81	82	1	Soil	90	25.5	11.56	<LOD	6.45	79.22	8.61	488.89	56.32	5.17	2.63	231.25	4.9	60.1	2.64	<LOD	9	211.67	5.39	18.84	3.57	<LOD	6.21	<LOD	3.6	<LOD	4.93	<LOD	8.89	<LOD	36.97	81.98	21.04	183.27	97.47	32518.02	246.39
	82	83	1	Soil	90	20.85	11.54	<LOD	6.61	87.89	8.99	544.64	58.75	4.36	2.64	242.22	5.02	50.46	2.48	<LOD	9	210.49	5.42	18.56	3.61	<LOD	6.45	<LOD	3.65	<LOD	4.98	<LOD	9	<LOD	37.69	66.21	21.13	243.96	106.46	38034.6	269.18
	83	84	1	Soil	90	127.76	14.29	285.72	10.08	98.05	9.2	1304.2	71.88	<LOD	3.93	274.68	5.23	54.06	2.51	<LOD	8.16	162.49	4.71	29.14	4.5	<LOD	6.56	<LOD	3.79	55.64	8.01	<LOD	8.65	<LOD	36.59	66.98	20.35	<LOD	132.25	26676.08	223.7
	84	85	1	Soil	90	102.2	13.22	81.51	6.99	129.81	9.91	816.99	61.04	4.88	2.55	261.28	4.96	56.51	2.49	<LOD	6.43	81.92	3.39	14.97	3.35	<LOD	5.92	<LOD	3.47	<LOD	7.9	<LOD	8.31	<LOD	35.84	72	19.78	139.38	85.03	25487.53	214.75
	85	86	1	Soil	90	58.15	12.3	<LOD	6.14	110.57	9.45	679.88	59.38	<LOD	3.77	198.97	4.51	59.15	2.58	<LOD	7.64	143.06	4.33	12.78	3.15	<LOD	5.81	<LOD	3.4	<LOD	4.67	<LOD	8.56	<LOD	36.11	73.31	20.46	232.35	95.49	31481.21	240.18
	86	87	1	Soil	90	161.89	14.92	30.12	5.33	82.01	8.84	688.49	60.23	<LOD	3.89	236.89	4.93	65.11	2.7	20.58	6.14	183.59	5.08	23.56	3.76	<LOD	6.18	<LOD	3.52	<LOD	6.1	<LOD	9.01	63.76	26.2	85.79	21.19	498.41	94.2	28520.15	230.21
	87	88	1	Soil	90	35.9	11.74	58.76	6.52	99.12	9.15	572.78	56.23	5.11	2.65	267.57	5.19	79.84	2.94	<LOD	9.07	214.54	5.37	24.94	3.9	<LOD	6.18	<LOD	3.58	<LOD	7.24	<LOD	8.56	<LOD	36.84	66.34	20.2	<LOD	119.15	21405.54	200.37
	88	89	1	Soil	90	83.72	12.94	12.17	4.68	116.03	9.67	931.32	64.64	5.71	2.58	227.89	4.8	61.07	2.62	<LOD	8.18	170.25	4.8	16.8	3.4	<LOD	6.12	<LOD	3.54	<LOD	5.41	<LOD	8.52	<LOD	36.9	67.27	20.18	<LOD	133.99	27648.96	226.64
	89	90	1	Soil	90	128.32	13.81	42.45	5.59	73.17	8.32	1669.56	74.49	<LOD	3.76	195.03	4.5	63.33	2.64	<LOD	7.51	134.24	4.2	24.83	3.67	<LOD	6.14	<LOD	3.61	13.83	4.47	<LOD	8.53	<LOD	35.89	55.75	19.83	<LOD	130.68	27775.33	220.95
	90	91	1	Soil	90	18.47	10.67	<LOD	5.39	75.27	8.16	487.42	53	4.04	2.48	210.56	4.56	69.84	2.71	<LOD	6.8	109.55	3.76	11.8	2.97	<LOD	5.85	<LOD	3.31	<LOD	4.19	<LOD	8.35	<LOD	34.96	76.94	19.69	<LOD	120.9	23710.91	203.45
	91	92	1	Soil	90	28.53	10.98	<LOD	5.86	64.19	7.7	2574.1	85.26	5.67	2.45	169.7	4.03	48.23	2.25	<LOD	6.66	93.39	3.37	12.71	2.99	<LOD	5.85	<LOD	3.39	<LOD	4.55	<LOD	8.22	<LOD	34.41	72.95	19.25	<LOD	122.03	25533.21	213.6
	92	93	1	Soil	90	20.46	11.55	<LOD	6.39	41.39	7.23	668.09	59.24	4.79	2.59	210.32	4.67	49.22	2.42	<LOD	8	161.09	4.57	16.79	3.37	<LOD	5.95	<LOD	3.48	<LOD	4.86	<LOD	8.63	<LOD	37.04	46.65	20.22	<LOD	117.8	22513.7	199.33
	93	94	1	Soil	90	19.37	11.06	<LOD	5.98	71.21	8.19	459.36	53.38	4.09	2.61	273.78	5.19	75.36	2.85	<LOD	8.58	193.02	5.08	17.32	3.4	<LOD	6.03	<LOD	3.44	<LOD	4.62	<LOD	8.5	<LOD	36.48	71.56	20.14	<LOD	127.27	25384.13	215.37
	94	95	1	Soil	90	<LOD	15.38	<LOD	5.61	63.59	7.66	1148.44	63.45	<LOD	3.66	205.73	4.5	85.09	2.92	<LOD	7.18	123.69	3.93	16.1	3.14	<LOD	5.66	<LOD	3.26	<LOD	4.3	<LOD	8.07	<LOD	34.13	47.7	18.81	<LOD	108.16	18780.19	181.96
	95	96	1	Soil	90	20.79	10.86	<LOD	6.37	73.68	8.14	371.4	49.94	5.25	2.58	262.24	5.03	70.12	2.73	<LOD	8.06	163.61	4.65	15.53	3.25	<LOD	5.9	<LOD	3.42	<LOD	4.81	<LOD	8.37	<LOD	35.21	60.82	19.5	<LOD	116.62	21392.42	195.87
	96	97	1	Soil	90	16.91	10.82	<LOD	6.09	63.56	7.86	505.03	54.24	4.68	2.58	249.32	4.95	67.49	2.71	<LOD	8.48	188.65	5	16.32	3.34	<LOD	5.87	<LOD	3.42	<LOD	4.62	<LOD	8.44	<LOD	35.66	64.35	19.8	129.08	83.46	24819.95	210.54
	97	98	1	Soil	90	<LOD	16.49	32.26	5.42	61	7.83	495.64	54.69	6.57	2.67	269.76	5.19	67.03	2.74	<LOD	9.09	214.68	5.39	18.12	3.59	<LOD	5.95	<LOD	3.52	<LOD	6.22	<LOD	8.4	<LOD	35.78	59.54	20.12	<LOD	126.2	24189.94	212.65
	98	99	1	Soil	90	20.08	10.88	<LOD	6.2	80.87	8.41	530.23	54.78	4.48	2.52	214.45	4.64	67.45	2.7	<LOD	8.16	174.49	4.77	12.47	3.16	<LOD	5.91	<LOD	3.44	<LOD	4.74	<LOD	8.49	<LOD	35.62	71.26	19.84	<LOD	131.05	27630.09	222.63
	99	100	1	Soil	90	22.29	11.01	<LOD	6.05	91.63	8.82	621.62	57.15	5.99	2.6	258.23	5.03	70.95	2.77	<LOD	7.81	154.58	4.49	17.18	3.32	<LOD	6.05	<LOD	3.49	<LOD	4.65	<LOD	8.55	<LOD	35.96	76.86	20.01	<LOD	125.8	25018.55	212.81
	100	101	1	Soil	90	<LOD	15.99	54.96	6.02	116.53	9.49	687.35	57.96	<LOD	3.78	235.53	4.8	73.9	2.78	<LOD	7.56	131.73	4.21	13.7	3.3	<LOD	6.04	<LOD	3.43	<LOD	6.8	<LOD	8.4	<LOD	36.14	61.46	19.58	<LOD	124.38	24538.63	210.07
	101	102	1	Soil	90	115.77	13.97	28.52	5.45	137.47	10.41	982.93	67.19	4.91	2.67	282.07	5.3	62.99	2.68	<LOD	8.63	180.85	5.01	28.87	3.93	<LOD	6.11	<LOD	3.63	<LOD	6.21	<LOD	8.71	<LOD	37.42	67.79	20.53	182.08	92.35	28658.57	232.94
	102	103	1	Soil	90	30.85	11.58	19.83	5	109.77	9.47	703.12	60.14	<LOD	3.91	255.65	5.05	57.36	2.57	<LOD	9.42	240.81	5.68	19.08	3.64	<LOD	6.14	<LOD	3.56	<LOD	5.61	<LOD	8.67	<LOD	36.58	76.19	20.51	<LOD	135.9	28337.59	230.26
	103	104	1	Soil	90	27.68	11.56	<LOD	6.56	88.08	8.91	602.7	59.51	5.87	2.65	245.75	5.03	72.64	2.86	<LOD	8.43	165.32	4.82	14.82	3.38	<LOD	6.07	<LOD	3.52	<LOD	4.97	<LOD	8.76	<LOD	37.12	71.73	20.81	<LOD	158.75	38718.39	270.18
	104	105	1	Soil	90	19.5	9.87	<LOD	5.82	24.06	5.86	192.14	40.26	<LOD	3.52	215.46	4.45	100.07	3.02	<LOD	5.89	65.03	2.95	15.29	2.89	<LOD	5.29	<LOD	3.07	<LOD	4.5	<LOD	7.65	<LOD	31.9	32.14	17.18	<LOD	67.64	7284.36	110.55
	105	106	1	Soil	90	19.37	10.56	20.27	4.84	48.59	7.05	371.18	48.63	5.35	2.58	297.44	5.24	82.48	2.89	<LOD	7.5	142.56	4.28	15.38	3.21	<LOD	5.79	<LOD	3.33	<LOD	5.47	<LOD	8.12	<LOD	34.16	56.8	19	<LOD	106.5	19044.38	178.05
	106	107	1	Soil	90	<LOD	17.36	17.55	5.09	83.77	8.89	860.83	66.22	4.58	2.61	192.06	4.65	75.01	2.94	<LOD	8.22	151.61	4.69	21.15	3.68	<LOD	6.23	<LOD	3.68	7.19	4.01	<LOD	8.85	<LOD	37.82	78.19	21.36	<LOD	162.55	39851.74	279.17

107	108	1	Soil	90	17.29	11.52	<LOD	6.5	81.5	8.8	553.96	58.91	4.62	2.64	218.95	4.87	71.83	2.88	<LOD	9.29	218.04	5.54	15.28	3.5	<LOD	6.36	<LOD	3.61	<LOD	5.08	<LOD	8.93	<LOD	37.58	77.36	21.33	<LOD	157.29	36675.93	267.36
108	109	1	Soil	90	17.89	11.17	27.05	5.37	94.24	9	895.47	64.34	<LOD	3.91	259.27	5.11	60.69	2.62	<LOD	8.52	187.02	5.02	34.02	4.04	<LOD	6.22	<LOD	3.65	<LOD	6.05	<LOD	8.62	<LOD	36.99	64.1	20.33	<LOD	139.13	30280.01	236.31
109	110	1	Soil	90	17.56	11.06	44.77	5.8	87.9	8.8	800.9	62.14	<LOD	3.89	245.41	4.99	70.65	2.78	<LOD	8.82	190.93	5.1	16.79	3.55	<LOD	6.09	<LOD	3.55	<LOD	6.46	<LOD	8.53	<LOD	36.66	79.23	20.48	136.46	87.93	26924.07	222.26
110	111	1	Soil	90	21.93	11.37	<LOD	6.36	84.84	8.83	674.8	60.6	<LOD	3.93	251.02	5.06	60.58	2.65	<LOD	8.34	170.19	4.86	11.6	3.22	<LOD	6.22	<LOD	3.62	<LOD	4.97	<LOD	8.77	<LOD	37.01	60.04	20.58	200.32	96.58	31386.37	243.58
111	112	1	Soil	90	19.54	11.63	<LOD	6.53	79.16	8.79	689.64	62.69	4.15	2.72	284.36	5.45	63.44	2.75	<LOD	9.22	210.21	5.48	14.63	3.48	<LOD	6.16	<LOD	3.69	<LOD	5.03	<LOD	9.04	<LOD	38.13	76.47	21.55	229.86	107.44	37559.91	271.77
112	113	1	Soil	90	23.25	11.46	<LOD	6.1	60.61	8	1172.7	69.7	4.22	2.71	329.85	5.7	114.35	3.42	<LOD	8.18	156.38	4.61	15.12	3.36	<LOD	6.25	<LOD	3.56	7.27	3.33	<LOD	8.87	<LOD	37.67	75.2	20.89	<LOD	149.86	35878.03	254.22
113	114	1	Soil	90	22.58	11.11	54.89	5.89	77.33	8.4	888.59	63.46	5.14	2.64	288.05	5.28	86.7	3.03	<LOD	8.12	154.36	4.6	19.82	3.61	<LOD	6.09	<LOD	3.61	<LOD	6.59	<LOD	8.69	<LOD	36.3	75.88	20.26	176.9	85.97	25321.77	216.06
114	115	1	Soil	90	22.59	11.33	<LOD	5.9	73.44	8.34	1069.85	67.3	5.5	2.66	294.31	5.29	85.88	3.01	<LOD	7.88	143.58	4.44	12.88	3.17	<LOD	5.99	<LOD	3.53	<LOD	4.6	<LOD	8.65	<LOD	36.96	59.09	20.26	140.67	89.59	28025.52	226.98
115	116	1	Soil	90	<LOD	15.79	<LOD	5.52	81.99	8.42	530.17	54.23	3.96	2.45	179.53	4.25	58.21	2.52	<LOD	7.16	125.41	3.97	9.97	2.93	<LOD	5.8	<LOD	3.4	<LOD	4.24	<LOD	8.5	<LOD	35.56	63.37	19.63	153.49	83.38	25205.31	210.03
116	117	1	Soil	90	17.06	10.47	<LOD	5.93	82.4	8.3	456.62	50.75	4.51	2.5	232.42	4.71	69.33	2.68	<LOD	7.5	138.26	4.17	14.26	3.08	<LOD	5.82	<LOD	3.42	<LOD	4.54	<LOD	8.2	<LOD	34.54	66.64	19.13	<LOD	106.09	17806.83	177.39
117	118	1	Soil	90	<LOD	15.57	<LOD	6.14	78.69	8.14	474.08	51.07	5.48	2.49	216.65	4.57	70.73	2.7	<LOD	7.72	148.6	4.36	15.07	3.14	<LOD	5.76	<LOD	3.37	<LOD	4.64	<LOD	8.13	<LOD	34.03	54.23	18.89	<LOD	103.41	16980.69	172.78
118	119	1	Soil	90	83.66	14.2	<LOD	6.43	131.82	10.99	723.86	64.81	7.66	3.05	433	6.74	76.3	3.08	13.09	5.94	149.57	4.79	16.41	3.56	<LOD	6.9	<LOD	3.89	72.5	5.19	<LOD	10.05	111.88	30.41	218.58	25.09	425.54	102.01	29948.88	252.02
119	120	1	Soil	90	<LOD	15.95	<LOD	6.01	49.58	7.27	588.83	54.56	<LOD	3.72	211.22	4.58	83.51	2.91	<LOD	7.75	153.99	4.36	13.03	3.1	<LOD	5.74	<LOD	3.35	<LOD	4.73	<LOD	8.41	<LOD	35.54	56.77	19.29	<LOD	109.18	19389.93	182.57
120	121	1	Soil	90	16.81	10.94	<LOD	5.88	64.58	7.94	465.12	54.06	<LOD	3.8	236.42	4.86	67.59	2.72	<LOD	8.53	196.67	5.09	9.8	3.1	<LOD	5.87	<LOD	3.42	<LOD	4.62	<LOD	8.62	<LOD	36.19	70.99	20.21	146.57	91.25	29266.07	230.63
121	122	1	Soil	90	<LOD	17.14	<LOD	6.53	73.39	8.48	713.16	61.82	5.51	2.64	225.5	4.88	61.31	2.68	<LOD	9.02	213.35	5.44	11.81	3.32	<LOD	6.15	<LOD	3.64	<LOD	4.97	<LOD	8.82	<LOD	37.56	75.34	21.23	159.93	100.69	33837.12	255.53
122	123	1	Soil	90	<LOD	16.72	<LOD	6.64	77.8	8.55	735.67	61.62	5.36	2.66	271.71	5.22	69.21	2.77	<LOD	8.74	197.58	5.18	16.86	3.47	<LOD	5.95	<LOD	3.53	<LOD	5	<LOD	8.86	<LOD	37.61	76.97	20.76	<LOD	146.87	32800.2	248.65
123	124	1	Soil	90	<LOD	16.31	13.81	4.77	96.88	8.97	681.93	58.84	4.42	2.55	222.66	4.73	60.23	2.59	<LOD	8.4	185.2	4.97	15.49	3.36	<LOD	5.94	<LOD	3.53	<LOD	5.41	<LOD	8.43	<LOD	35.6	72.36	20.11	<LOD	129.12	25937.74	218.15
124	125	1	Soil	90	<LOD	16.72	<LOD	6.03	102.6	9.34	651.38	60.1	4.87	2.65	269.18	5.18	54.86	2.54	<LOD	8.31	173.08	4.88	9.36	3.11	<LOD	6.16	<LOD	3.55	<LOD	4.72	<LOD	8.72	<LOD	37.24	78.31	20.87	181.34	99.79	33666.99	252.7
125	126	1	Soil	90	68.54	12	<LOD	6.08	96.68	8.77	594.82	55.03	<LOD	3.7	225.34	4.65	64.26	2.6	<LOD	6.91	114.31	3.83	9.38	2.88	<LOD	5.85	<LOD	3.27	<LOD	4.65	<LOD	8.14	<LOD	34.63	64.78	19.39	151.58	79.25	22637.6	198.95
126	127	1	Soil	90	24.57	11.2	42.47	5.63	92.01	8.9	556.31	55.64	6.39	2.61	235.86	4.89	76.79	2.88	<LOD	8.49	178.4	4.89	13.13	3.35	<LOD	5.93	<LOD	3.46	<LOD	6.32	<LOD	8.59	<LOD	36.83	65.2	20.03	140.62	83.21	23999.46	209.46
127	128	1	Soil	90	22.46	11.34	<LOD	6.64	83.3	8.7	586.9	57.85	<LOD	4.01	286.41	5.35	59.47	2.63	<LOD	9.58	243.25	5.75	14.48	3.44	<LOD	6.1	<LOD	3.61	<LOD	5.05	<LOD	8.87	<LOD	36.96	73.96	20.63	150.29	92.92	29309.22	235
128	129	1	Soil	90	<LOD	16.15	7.05	4.36	100.38	9.01	578.09	55.64	4.65	2.56	239.47	4.85	61.1	2.59	<LOD	8.19	171.18	4.78	14.09	3.22	<LOD	5.92	<LOD	3.45	<LOD	4.83	<LOD	8.32	<LOD	35.14	64.18	19.68	<LOD	120.16	22625.47	202.59
129	130	1	Soil	90	24.87	11.4	11.99	4.65	100.69	9.31	652.89	59.68	4.99	2.65	270.2	5.21	60.36	2.63	<LOD	8.01	152.18	4.62	13.85	3.31	<LOD	6.04	<LOD	3.52	<LOD	5.29	<LOD	8.79	<LOD	37.27	68.41	20.54	149.69	94.51	31118.33	239.53
130	131	1	Soil	90	21.07	11.79	<LOD	6.84	78.01	8.77	810.71	65.14	6.1	2.76	284.84	5.46	56.62	2.63	<LOD	9.65	241.86	5.85	21.86	3.81	<LOD	6.26	<LOD	3.69	<LOD	5.21	<LOD	9.08	<LOD	38.47	87.39	21.82	<LOD	165.82	40760.87	282.06
131	132	1	Soil	90	24.65	11.37	<LOD	6.25	72.93	8.28	982.14	66.45	4.87	2.58	229.06	4.84	58.71	2.59	<LOD	7.89	157.28	4.64	19.62	3.49	<LOD	5.87	<LOD	3.47	<LOD	4.87	<LOD	8.41	<LOD	35.81	67.65	20.31	<LOD	143.98	33226.65	247.08
132	133	1	Soil	90	24.97	11.39	10.01	4.64	104.92	9.39	886.17	65.27	5.19	2.71	310.87	5.54	52.85	2.5	<LOD	8.36	163.67	4.79	23.98	3.71	<LOD	5.96	<LOD	3.49	<LOD	5.32	<LOD	8.6	<LOD	36.37	66.34	20.41	<LOD	150.58	35268.76	258.17

Drill Hole	From(m)	To(m)	Width	Units	Cu	Pb	Zn	Mo	Sr	Fe	Mn
SFBK18-02	27.43	28	0.57	ppm	167.79	0	141.91	4.42	94.21	106233.5	8176.1
	28	29	1	ppm	166.28	0	129.88	0	86	104403	1771.44
	29	30	1	ppm	273.31	0	123.67	0	90.4	111527.2	9918.95
	30	31	1	ppm	154.24	0	142.63	4.51	76.9	114808.4	9157.43
	31	32	1	ppm	174.38	0	130.97	0	72.19	112853.7	9267.4
	32	33	1	ppm	24.49	0	88.33	0	68.95	59229.53	2652.49
	33	34	1	ppm	0	0	39.48	0	43.64	23495.11	273.46
	34	35	1	ppm	0	0	49.62	0	48.19	16016.01	365.74
	35	36	1	ppm	0	0	60.64	7.04	47.96	42779.41	1088.16
	36	37	1	ppm	17.41	0	62.12	0	55.22	22468.82	280.57
	37	38	1	ppm	0	0	69.8	3.87	54.91	38306.71	917.12
	38	39	1	ppm	0	0	50.87	0	51.1	17594.11	399.21
	39	40	1	ppm	0	0	53.48	4.16	54.84	23879.95	339.8
	40	41	1	ppm	0	0	54.83	4.4	53.02	31373.05	263.57
	41	42	1	ppm	20.42	0	45.06	4.9	57.25	30312.03	814.19
	42	43	1	ppm	21.53	0	87.59	0	64.85	26358.21	417.4
	43	44	1	ppm	21.3	0	66.52	0	56.63	20663.83	298.95
	44	45	1	ppm	0	0	48.74	0	55.66	14334.89	287.97
	45	46	1	ppm	34.55	0	59.11	4.56	60.31	32417.44	1033.24
	46	47	1	ppm	26.97	0	51.32	4.13	48.91	33873.89	1501.28
	47	48	1	ppm	18.73	0	45.13	4.26	47.39	24317.76	279.69
	48	49	1	ppm	0	0	61.78	0	69.79	27776.95	640.67
	49	50	1	ppm	51.9	0	57.11	0	74.15	19303.04	755.74
	50	51	1	ppm	167.01	0	52.9	0	77.08	13209.24	890.22
	51	52	1	ppm	66.45	0	73.86	4.02	64.1	18926.49	343.35
	52	53	1	ppm	32.69	0	100.03	0	51.03	33270.25	979.84
	53	54	1	ppm	23.99	0	64.83	0	61.62	17923.45	389.78
	54	55	1	ppm	20.27	0	71	5.03	68.32	25159.63	368.88
	55	56	1	ppm	27.67	0	57.98	0	67.91	23478.47	339.54
	56	57	1	ppm	22.55	0	65.78	4.01	66.28	23469.71	324.8
	57	58	1	ppm	43.31	0	80.65	0	60.08	28965.88	466.66
	58	59	1	ppm	90.58	68.04	92.74	5.14	70.66	26426.07	408.3
	59	60	1	ppm	157.09	0	115.28	4.64	59.25	34402.73	2284.37

60	61	1	ppm	44.88	10.6	76.11	0	72.91	23055.09	813.61
61	62	1	ppm	146.61	0	113.15	0	60.67	36374.51	636.48
62	63	1	ppm	193.72	21.72	90.68	4.82	62.94	36951.55	1400.45
63	64	1	ppm	111.21	37.67	92.23	4.51	68.72	25014.77	2542.35
64	65	1	ppm	74.91	24.74	114.25	4.73	61.6	26225.62	881.2
65	66	1	ppm	66.27	9.98	100.42	4.31	62.68	49382.06	666.8
66	67	1	ppm	23.9	0	94.46	0	67.6	30314.46	654.18
67	68	1	ppm	47.94	0	84.54	5.41	64.09	31030.62	3248.34
68	69	1	ppm	31.09	11.75	71.23	4.93	68.59	27447.66	3734.91
69	70	1	ppm	19.37	0	64.94	5.46	64.75	21093.3	389.38
70	71	1	ppm	21.15	0	80.37	3.99	64.92	23878.48	526.82
71	72	1	ppm	26.11	0	112.3	4.02	70.35	19497.44	701.95
72	73	1	ppm	67.76	0	110.68	4.81	77.64	16735.89	556.09
73	74	1	ppm	37.9	0	98.14	0	62.86	29349.38	640.27
74	75	1	ppm	16.78	0	85.9	4.56	63.89	23435.03	1710.82
75	76	1	ppm	0	0	83.33	6.29	65.06	33233.85	501.34
76	77	1	ppm	18.67	0	60.26	5.24	68.32	20331.71	382.19
77	78	1	ppm	0	0	60.67	5.45	67.94	20456.37	368.17
78	79	1	ppm	18.98	0	75.59	6.55	71	32709.62	509.12
79	80	1	ppm	41.15	0	87.8	4.4	65	25302.34	679.98
80	81	1	ppm	24.36	9.77	76.07	5.66	65.1	40405.34	530.63
81	82	1	ppm	19.44	7.33	74.75	6.5	66.5	33167.73	458.86
82	83	1	ppm	21.22	0	76.86	0	61.3	34421.83	455.73
83	84	1	ppm	0	0	75.28	5.56	61.44	25027.23	539.22
84	85	1	ppm	18.85	8.66	77.05	4.85	68.15	21620.88	1408.33
85	86	1	ppm	23.1	0	69.85	5.83	64.39	35305.68	402.44
86	87	1	ppm	26.96	0	73.12	5	68.89	24924.27	424.9
87	88	1	ppm	18.71	12.14	73.69	5.66	61.79	29964.16	537.72
88	89	1	ppm	26.6	0	91.65	5.03	60.73	34309.68	542.15
89	90	1	ppm	24.51	21.33	98.18	4.97	64.31	30483.01	652.47
90	91	1	ppm	21.55	42.95	85.28	5.68	76.23	31397.31	515.39
91	92	1	ppm	19.34	15.85	93.94	5.99	67.49	22107.72	541.69
92	93	1	ppm	26.73	0	89.75	5.35	64.89	33260.1	761.15
93	94	1	ppm	21.89	0	102.44	0	69.24	24717.35	601.16

94	95	1	ppm	38.18	0	119.35	3.97	64.77	20777.67	680.45
95	96	1	ppm	29.21	17.14	88.83	4.2	69.3	26390.08	582.48
96	97	1	ppm	18.03	0	79.67	0	66.22	22333.46	491.6
97	98	1	ppm	22.02	0	75.42	0	72	27114.2	454.24
98	99	1	ppm	17.87	0	37.57	4.33	66.85	18560.38	966.34
99	100	1	ppm	20.3	0	45.87	0	112.07	22376.37	1771.87
100	101	1	ppm	16.87	0	40.13	4.52	77.92	14930.72	429.56
101	102	1	ppm	15.67	0	63.54	0	71.36	20208.42	481.18
102	103	1	ppm	22.14	0	72.86	5.3	88.2	22078.92	464.33
103	104	1	ppm	22.32	51.25	72.26	5.76	78.35	20974.46	437.98
104	105	1	ppm	0	0	69.7	0	61.76	20668.54	484.1
105	106	1	ppm	17.18	0	93.34	0	65.41	22571.87	653.59
106	107	1	ppm	23.28	0	89.75	4.14	62.48	22719.84	590.43
107	108	1	ppm	54.52	24.54	107.91	3.85	57.87	23449.68	718
108	109	1	ppm	44.33	12.3	105.75	5.67	54.34	30171.13	655.93
109	110	1	ppm	31.42	0	83.21	4.38	71.14	27604.83	521.24
110	111	1	ppm	0	0	66.82	0	70.54	20987.49	547.08
111	112	1	ppm	0	0	62.18	4.49	57.04	24968.17	391.39
112	113	1	ppm	0	0	74.67	4.64	59.4	33753.19	510.87
113	114	1	ppm	22.86	21.01	76.97	4.22	64.5	31522.9	558.47
114	115	1	ppm	0	9.94	95.93	4.63	60.36	30373.2	613.34
115	116	1	ppm	21.62	8.41	97.36	5.05	50.87	25852.69	611.56
116	117	1	ppm	26.83	19.29	90.47	5.15	58.18	32691.21	1621.79
117	118	1	ppm	24.9	0	75.68	5.44	59.35	38929.13	527.32
118	119	1	ppm	18.99	0	70.21	0	59.55	29461.75	508.49
119	120	1	ppm	27.11	0	74.29	0	72.4	31768.77	1325.36
120	121	1	ppm	20.68	0	78.73	4	64.29	32363.7	576.86
121	122	1	ppm	17.48	0	84.11	0	61.69	27046.51	483.85
122	123	1	ppm	18.61	0	96	0	74.94	21951.51	533.77
123	124	1	ppm	0	0	69.93	5.33	66.09	20120.04	402.21
124	125	1	ppm	17.26	0	57.09	3.87	68.76	18995.55	464.76
125	126	1	ppm	23.08	0	81.89	0	60.45	31860.54	534.08
126	127	1	ppm	22.84	0	76.23	4.14	55.74	33709.07	516.35
127	128	1	ppm	24.96	0	91.84	0	67.99	31643.95	956.34

128	129	1	ppm	26.95	0	82.09	0	63.95	30709.6	503.68
129	130	1	ppm	23.3	0	101.23	4.76	63.4	30241.02	880.41
130	131	1	ppm	117.57	0	102.36	0	56.33	29511.59	668.87
131	132	1	ppm	18.23	0	116.22	5.29	70.14	26466.63	681.1
132	133	1	ppm	0	0	95.94	5.08	56.89	22808.55	588.37
133	134	1	ppm	28.81	0	101.1	0	63.86	32014.88	632.93
134	135	1	ppm	18.3	0	80.74	4.54	64.88	33720.2	484.46
135	136	1	ppm	18.62	0	68.34	0	72.91	21366.72	490.4
136	137	1	ppm	22.35	15.55	75.01	5.67	70.21	32201.22	450.09
137	138	1	ppm	18.01	0	86.34	0	65.15	31536.26	523.05
138	139	1	ppm	21.83	0	82.27	4.59	63.98	18442.17	464.41
139	140	1	ppm	16.02	0	74.29	4.43	72.9	17034.15	410.65
140	141	1	ppm	0	0	71.61	5.27	88.55	23250.68	387.51
141	142	1	ppm	17.72	18.35	88.17	5.6	64.89	24978.56	488.23
142	143	1	ppm	22.41	0	95.52	4.7	61.96	27923.78	547.66
143	144	1	ppm	26.33	0	88.01	5.19	59.53	43089.05	531.84
144	145	1	ppm	0	0	77.9	4.42	56.38	27880.79	478.99
145	146	1	ppm	17.85	0	67.91	5.41	68.4	36167.06	985.07
146	147	1	ppm	17.25	0	52.38	6.44	68.54	26158.44	330.81
147	148	1	ppm	0	0	54.78	5.18	71.86	26614.53	436.97
148	149	1	ppm	23.15	0	58.12	5.69	63.23	33990.28	878.98
149	150	1	ppm	20.8	31.56	85.69	5.63	73.32	26894.62	686.35
150	151	1	ppm	117.25	0	135.69	25.34	49.97	33626.11	1009.81
151	152	1	ppm	26.15	14.17	130.51	12.21	56.41	33608.67	838.56
152	153	1	ppm	25.16	0	97.75	4.57	57.64	34156.55	688.63
153	154	1	ppm	20.22	0	74.84	6.42	58.61	33723.47	1139.31
154	155	1	ppm	21.17	0	50.57	4.73	67.57	19292.81	611.03
155	156	1	ppm	17.59	0	76	0	71.45	25517.63	598.66
156	157	1	ppm	25.52	11.23	111.92	4.14	58.41	30612.79	829.71
157	158	1	ppm	29.43	35.12	128.53	32.92	56.96	33640.1	1009.74
158	159	1	ppm	39.42	19.54	81.5	18.54	67.25	21617.35	613.05
159	160	1	ppm	56.28	0	70.9	8.97	76.82	15160.77	524.57
160	161	1	ppm	20.68	0	67.32	0	75.13	12307.08	416.9
161	162	1	ppm	0	0	84.39	6.5	83.15	23093.9	585.85

162	163	1	ppm	20.2	0	60.41	9.59	76.48	32952.99	1351.26
163	164	1	ppm	20.29	0	55.72	4.09	77.64	16676.91	427.91
164	165	1	ppm	20.21	0	75.8	4.53	64.96	33583.57	558.12
165	166	1	ppm	24.63	0	78.01	0	78.98	28829.79	560.48
166	167	1	ppm	20.81	0	91.01	0	62.04	34399.55	581.41
167	168	1	ppm	23.3	0	83.67	4.26	61.38	41299.62	713.05
168	169	1	ppm	16.81	0	64.96	4.9	68.68	28153.43	411.68
169	170	1	ppm	19.15	0	38.38	3.74	79.78	13700.33	247
170	171	1	ppm	21.2	0	57.2	4.17	83.54	15587.4	264.42
171	172	1	ppm	0	0	12.82	0	27.94	3516.7	115.33
172	173	1	ppm	19.35	0	200	0	56.69	35996.72	866.18
173	174	1	ppm	18.3	0	77.36	0	68.87	18544.26	352.2
174	175	1	ppm	21.36	0	58.6	5.02	64.15	19050.34	326.22
175	176	1	ppm	21.49	24.44	90.32	4.24	79.45	24675.49	630.34
176	177	1	ppm	18.42	0	69.58	4.33	74.93	21158.82	355.88
177	178	1	ppm	17.35	0	62.83	5.54	76.09	21295.6	334
178	179	1	ppm	23.41	0	67.13	4.01	86.7	20831.36	405.83
179	180	1	ppm	19.76	0	51.32	0	85.11	13936.42	340.48
180	181	1	ppm	21.45	0	58.82	5.49	92.73	21473.5	393.68
181	182	1	ppm	19.93	0	62.36	0	72.03	23889.89	389.88
182	183	1	ppm	0	0	73.76	5.18	72.87	23599.03	530.34
183	184	1	ppm	20.4	17.31	86.92	5.41	69.26	30456.65	711.01
184	185	1	ppm	17.36	0	92.28	5.84	64.47	31938.23	489.32
185	186	1	ppm	93.8	0	99.34	6.07	64.63	25389.46	586.49
186	187	1	ppm	32.65	0	33.62	0	87.6	9706.66	211.07
187	188	1	ppm	17	0	44.7	5.03	88.19	15162.94	283.67
188	189	1	ppm	15.99	0	61.49	4.72	78.08	19938.51	342.91
189	190	1	ppm	24.81	0	85.16	4.37	83.87	19744.54	477.49
190	191	1	ppm	21.1	11.19	104.52	5.63	79.65	31847.79	1967.42
191	192	1	ppm	17.36	0	66.19	4.74	80.45	16902.39	427.14
192	193	1	ppm	19.2	0	106.95	5.05	88.33	28399.83	647.54
193	194	1	ppm	18.23	0	60.87	4.45	84.68	16246.81	355.66
194	195	1	ppm	19.9	0	57.69	0	82.8	15169.66	307.08
195	196	1	ppm	0	0	33.49	5.33	79.42	11215.34	220.52

196	197	1	ppm	25.97	0	56.56	4.12	71.74	20604.66	303.45
197	198	1	ppm	20.45	0	64.82	4.32	77.84	17629.38	303.31
198	199	1	ppm	0	0	79.11	0	67.79	14666.51	331.85
199	200	1	ppm	21.31	0	114.83	0	60.51	19650.04	496.83
200	201	1	ppm	23.46	0	120.39	4.94	65.6	21956.82	544.51
201	202	1	ppm	18.97	0	37.25	4.47	92.37	12148.2	211.99
202	203	1	ppm	18.8	0	53.72	5.79	165.61	12679.52	264.93
203	204	1	ppm	0	0	21.56	0	96.7	9978.3	179.65
204	205	1	ppm	19.48	0	39.34	4.16	100.81	17919.22	196.06
205	206	1	ppm	19.75	0	68.49	5.72	73.63	30252.08	558.13
206	207	1	ppm	18.05	0	56.37	4.52	74.78	15727.8	287.93
207	208	1	ppm	0	0	46.57	4.51	101.97	13588.88	236.38
208	209	1	ppm	0	0	25.35	0	97.23	10831.97	158.28
209	210	1	ppm	18.88	0	116.01	4.82	86.03	12496.26	137.64
210	211	1	ppm	15.49	0	50.63	3.91	90.77	15248.76	257.67
211	212	1	ppm	20.16	0	63.51	4.06	83.03	18217.37	287.48
212	213	1	ppm	19.83	0	67.89	5.12	83.07	20917.15	331.61
213	214	1	ppm	0	0	65.17	5.91	81.38	21289.76	306.48
214	215	1	ppm	17.77	0	35.72	4.5	79.57	13554.11	217.8
215	216	1	ppm	0	0	51.96	4.29	94.5	20041.48	323.17
216	217	1	ppm	18.68	6.73	55.62	4.28	81.57	15730.82	315.48
217	218	1	ppm	15.55	0	46.33	5.58	101.48	13270.68	295.56
218	219	1	ppm	0	0	57.35	0	79.72	13358.28	453.82
219	220	1	ppm	18.29	0	48.43	0	65.95	14607.59	451.7
220	221	1	ppm	17.86	0	92.34	0	80.59	22773.98	561.8
221	222	1	ppm	15.91	0	77.63	7.39	81.49	22296.74	488.39
222	223	1	ppm	67.33	0	104.94	11.83	78.48	24985.07	895.89
223	224	1	ppm	0	0	109.77	4.62	72.18	28740.49	821.13
224	225	1	ppm	28.74	10.22	130	5.67	79.37	39877.57	996.31
225	226	1	ppm	138.85	139.15	134.53	0	62.41	39442.61	1498.72
226	227	1	ppm	64.51	0	97.78	4.61	67.73	32035.8	744.01
227	228	1	ppm	22.2	0	89.02	5.65	73.1	43106.71	1515.14
228	229	1	ppm	22.35	13.96	78.49	5	111.28	30366.35	562.5
229	230	1	ppm	18.88	0	71.85	4.72	83.89	23438.51	567.87

230	231	1	ppm	22.89	0	88.61	6.54	149.94	26910.01	677.13
231	232	1	ppm	23.52	0	83.62	6.26	76.37	26236.55	624.17
232	233	1	ppm	131.83	7.7	94.3	8.23	69.6	26375.22	663.72
233	234	1	ppm	24.11	20.54	92.41	4.3	69.16	26122.47	702.71
234	235	1	ppm	21.65	28.97	89.08	5.56	70.24	26483.63	744.99
235	236	1	ppm	16.39	0	89.31	0	68.68	24414.6	531.51
236	237	1	ppm	17.7	0	79.97	3.92	78.73	23141.2	420.99
237	238	1	ppm	24.87	0	58.25	6.93	117.92	19496.24	290.99
238	239	1	ppm	0	0	69.94	0	84.46	44970.98	2665.13
239	240	1	ppm	17.46	0	47.15	0	86.8	19593.21	380.87
240	241	1	ppm	17	0	59.36	0	89.19	19778.6	364.15
241	242	1	ppm	16.94	0	68.62	10.82	103.29	16983.21	480.16
242	243	1	ppm	19.99	0	46.99	0	90.16	13739.56	239.65
243	244	1	ppm	0	0	62.33	4.32	94.51	25055.46	427.25
244	245	1	ppm	16.17	9.54	58.4	0	102.27	20923.12	336.94
245	246	1	ppm	20.31	0	82.98	0	90.75	27423.91	680.37
246	247	1	ppm	28.68	0	101.5	0	86.28	22865.06	527.33
247	248	1	ppm	20.44	0	52.2	0	95.33	12059.23	311.9
248	249	1	ppm	18.36	0	92.44	3.91	93.77	20660.18	462.62
249	250	1	ppm	18.76	15.84	112.01	5.34	78.12	25772.48	631.62
250	251	1	ppm	60.36	8.56	125.56	0	68.21	31791.33	767.95
251	252	1	ppm	19.12	0	100.46	0	75.16	38374.54	867.88
252	253	1	ppm	26.82	0	94.79	0	154.37	37853.52	1751.62
253	254	1	ppm	20.89	7.95	32.71	0	107.3	15950.74	372.04
254	255	1	ppm	15.87	0	31.7	5.07	112.75	15094.4	333.88
255	256	1	ppm	0	0	37.26	0	109.7	15109.95	260.14
256	257	1	ppm	16.96	0	39.95	0	110.54	18129.59	276.96
257	258	1	ppm	0	0	59.52	0	115.89	16746.79	359.29
258	259	1	ppm	0	0	100.66	3.98	97.26	27251.34	538.7
259	260	1	ppm	16.07	0	91.05	0	95.56	19588.85	778.39
260	261	1	ppm	17.82	0	56.87	0	105.21	15031.52	420.04
261	262	1	ppm	18.32	0	64.62	0	101.82	19241.64	397.74
262	263	1	ppm	0	15.74	58.93	0	105.15	41043.18	2572.5
263	264	1	ppm	23.88	0	74.62	0	94.82	37763.58	1239.2

264	265	1	ppm	0	0	70.46	0	104.32	23509.54	669
265	266	1	ppm	16.34	0	115.53	0	83.64	27197.05	689.75
266	267	1	ppm	24.88	16.93	106.2	4.02	127.26	26615.49	655.16
267	268	1	ppm	22.67	0	82.04	0	97.17	26550.23	651.64
268	269	1	ppm	16.15	11.85	59.85	0	78.43	16977.03	544.06
269	270	1	ppm	0	0	73.04	0	103.75	18441.13	503.12
270	271	1	ppm	18.38	0	63.3	0	108.78	13674.7	436.11
271	272	1	ppm	22.9	0	53.61	5.33	109.05	10992.16	327.85
272	273	1	ppm	27.12	0	81.95	0	111.3	20069.41	505.85
273	274	1	ppm	0	0	57.12	0	111.79	15783.72	377.68
274	275	1	ppm	0	12	53.01	0	132	20912.51	322.6
275	276	1	ppm	21.13	0	34.12	0	137.2	14848.32	242.83
276	277	1	ppm	19.04	0	32.25	0	123.69	17561.38	298.81
277	278	1	ppm	21.23	0	61.69	0	101.4	22355.71	725.84
278	279	1	ppm	70.26	0	94.33	0	90.84	28323.05	581.78
279	280	1	ppm	159.8	17.53	86.07	0	96.62	26963.69	1362.79
280	281	1	ppm	20.15	0	68.25	0	118.52	18702.66	411.04
281	282	1	ppm	17.27	0	67.25	0	116.42	23960.16	437.15
282	283	1	ppm	24.83	0	73.45	4.95	117.2	22357.21	705.57
283	284	1	ppm	21.64	0	61.46	4.44	108.93	19911.1	500.53
284	285	1	ppm	19.98	0	91.1	4.16	122.83	24344.46	1291.52
285	286	1	ppm	56.96	0	106.94	0	87.74	26549.91	692.22
286	287	1	ppm	23.12	0	89.7	4.13	91.24	31134.87	541.89
287	288	1	ppm	0	7.92	48.96	0	125.82	17124.87	383.91
288	289	1	ppm	18.94	0	45.46	0	116.16	17571.38	299.41
289	290	1	ppm	0	0	32.21	0	124.12	11576.91	190.31
290	291	1	ppm	20.55	0	25.27	0	113.2	13152.94	364.48
291	292	1	ppm	16.42	0	51.77	4.49	102.81	21567.9	353.96
292	293	1	ppm	0	0	56.55	3.96	134.1	19030.44	716.44
293	294	1	ppm	47.29	0	106.01	0	89.27	26996.55	897.59
294	295	1	ppm	29.98	23.44	95.63	6.76	94.17	19960.04	546.06
295	296	1	ppm	67.27	19.72	75.97	29.36	93.1	17622.32	475.69
296	297	1	ppm	31.57	0	57.96	0	95.95	11689.51	373.94
297	298	1	ppm	40.77	0	52.8	0	62.27	50675.53	2832.1

298	299	1	ppm	17.26	0	64.23	0	85.95	23513.51	560.9
299	300	1	ppm	24.57	0	73.89	0	79.55	23029.22	453.04
300	301	1	ppm	18.34	0	66.76	4.02	90.08	17238.51	468.14
301	302	1	ppm	40.5	22.52	107.19	0	70.49	33100.8	1473.83
302	303	1	ppm	24.54	35.06	86.31	4.76	79.47	29800.73	1185.41
303	304	1	ppm	31.78	20.78	44.4	0	97.75	12351.17	782.63
304	305	1	ppm	21.32	0	57.21	5.16	101.67	18890.54	925.05
305	306	1	ppm	27.83	0	71.99	4.32	103.98	32015.6	1551.2
306	307	1	ppm	18.74	0	73.57	0	87.29	20016.61	592.9
307	308	1	ppm	31.21	0	88.96	0	88.87	19423.88	586.97
308	309	1	ppm	54.22	0	68.71	4.21	70.56	16575.16	494.38
309	310	1	ppm	34.79	0	63.08	7.58	86.01	17184.58	600.19
310	311	1	ppm	18.04	0	44.51	4.87	85.17	16811.79	364.84
311	312	1	ppm	24.44	0	39.08	4.11	80.88	16345.38	341.65
312	313	1	ppm	0	0	20.09	0	65.81	10941.52	450.99
313	314	1	ppm	21.94	0	46.24	4.78	81.32	15566.5	318.19
314	315	1	ppm	24.38	10.65	70.54	4.71	82.52	20916.8	596.14
315	316	1	ppm	98.2	0	74.42	4.3	75.61	29487.52	691.35
316	317	1	ppm	0	0	32.14	0	98.25	13304.45	268.62
317	318	1	ppm	17.98	0	37.77	0	97.97	17007.72	256.58
318	319	1	ppm	17.2	0	34.67	3.83	98.62	16924.43	370.02
319	320	1	ppm	21.02	0	32.66	0	92.38	18234.69	490.17
320	321	1	ppm	21.3	15.1	41.57	5.94	102.37	16274.86	304.61
321	322	1	ppm	17.42	0	36.02	0	109.52	13904.78	206.16
322	323	1	ppm	19.36	7.82	36.53	5.62	97.81	14266.75	290.86
323	324	1	ppm	20.72	0	56.92	0	87.58	26832.67	607.45
324	325	1	ppm	0	0	40.45	0	76.29	24311.71	384.44
325	326	1	ppm	20.2	0	30.18	0	81.26	11276.95	215.99
326	327	1	ppm	0	0	42.32	0	78.26	16869.64	419.49
327	328	1	ppm	17.66	0	58.97	0	71.16	43416.08	1364.6
328	329	1	ppm	21.88	0	86.24	4.72	68.17	15062.25	360.1
329	330	1	ppm	0	0	33.64	0	70.93	11531.41	398.86
330	331	1	ppm	0	0	268.65	0	65.31	34062.41	1302.4
331	332	1	ppm	20.09	0	28.99	4.66	64.4	8070.03	171.33

332	333	1	ppm	15.73	0	57.69	4.32	59.07	20991.38	429.45
333	334	1	ppm	16.5	0	70.46	4.24	63.15	25981.61	500.35
334	335	1	ppm	22.63	0	47.85	13.05	72.77	26683.27	345.33
335	336	1	ppm	0	0	38.77	0	71.36	12568.64	215.84
336	337	1	ppm	18.35	0	45.32	0	67.41	14955.11	254.41
337	338	1	ppm	0	0	41.86	0	61.83	11804.13	243.88
338	339	1	ppm	0	0	43.67	4.8	70.89	12801.77	255.39
339	340	1	ppm	0	0	36.12	0	77.45	11265.06	218.29
340	341	1	ppm	17.67	0	31.55	0	91.24	12013.72	473.63
341	342	1	ppm	21.3	0	40.93	0	78.45	15952	219.34
342	343	1	ppm	30.93	0	37.76	0	87.02	15985.79	232.89
343	344	1	ppm	30.83	0	35.77	0	106.52	10005.21	529.63
344	345	1	ppm	18.81	0	61.17	0	79.96	18837.6	274.26
345	346	1	ppm	17.32	0	51.63	0	81.07	17633.77	285.84
346	347	1	ppm	19.66	0	59.67	0	77.9	17603.21	347.84
347	348	1	ppm	18.79	0	66.86	0	75.26	17457.63	308.28
348	349	1	ppm	17.63	0	46.15	0	78.43	14096.96	262.33
349	350	1	ppm	18.16	0	14.84	0	102.29	5465.47	843.11
350	351	1	ppm	19.29	0	51.75	0	91.18	16603.98	265.03
351	352	1	ppm	22.5	9.06	59.79	0	90.43	19042.49	310.53
352	353	1	ppm	19.59	0	42	0	87.31	12938.82	221.03
353	354	1	ppm	23.85	0	35.85	0	105.17	11229.78	255.38
354	355	1	ppm	18.66	0	45.17	0	99.05	11194.51	289.29
355	356	1	ppm	19.21	0	63.71	0	96.6	15157.63	448.14
356	357	1	ppm	0	0	97.04	0	83.31	23392.73	540.9
357	358	1	ppm	21.53	10.16	90.93	0	103.85	25342.36	1085.82
358	359	1	ppm	19.77	12.28	94.62	0	91.97	23124.67	765.88
359	360	1	ppm	21.97	0	62.49	3.94	116.11	17048.86	998
360	361	1	ppm	40.92	12.9	54.09	0	137.25	14318.23	472.58
361	362	1	ppm	16.23	12.25	70.23	0	117.96	16259.15	432.01
362	363	1	ppm	18.54	0	59.03	0	130.09	15496.42	331.69
363	364	1	ppm	0	0	36.53	0	135.76	12924.66	266.16
364	365	1	ppm	18.84	0	41.3	0	118.33	10019.98	369.18
365	366	1	ppm	18.15	0	69.73	4.77	119.32	19490.25	425.85

366	367	1	ppm	16.26	0	56.18	5.58	108.84	16759.98	328.24
367	368	1	ppm	24.92	16.58	95.65	6.78	120.21	29473.16	522.7
368	369	1	ppm	25.09	19.14	70.53	6.37	145.64	23172.22	957.24
369	370	1	ppm	18.63	0	43	4.3	119.02	12878.06	269.47
370	371	1	ppm	19.42	0	44.18	3.7	112.36	11946.6	319.63
371	372	1	ppm	17.33	0	63.96	0	109.49	14336.25	293.96
372	373	1	ppm	18.44	0	67.44	0	112.91	14981.64	370.73
373	374	1	ppm	0	0	50.82	4.41	126.25	16097.98	407.09
374	375	1	ppm	23.76	0	47.08	4.23	102.4	15007.98	332.05
375	376	1	ppm	0	0	81.22	4.81	121.53	25950.72	440.08
376	377	1	ppm	20.33	0	60.12	5.53	109.61	15258.09	361.53
377	378	1	ppm	25.09	0	58.38	6.18	103.62	19689.36	419.17
378	379	1	ppm	104.26	0	74.72	4.79	88.52	18990.45	504.37
379	380	1	ppm	19.5	0	91.33	4.33	91.36	20384.28	748.36
380	381	1	ppm	23.85	0	88.26	8.17	87.95	21033.94	774.43
381	382	1	ppm	53.64	13.62	63.96	0	90.53	15300.49	447.97
382	383	1	ppm	32.91	8.88	57.6	3.79	94.16	16546.57	350.23
383	384	1	ppm	21.47	0	40.37	0	109.23	11027.75	233.41
384	385	1	ppm	18.1	0	37.79	4.11	151.97	12186.29	573.2
385	386	1	ppm	18.48	0	81.73	5.7	106.52	23126.62	387.98
386	387	1	ppm	26.26	0	73.91	5.35	106.12	24784.05	465.77
387	388	1	ppm	0	0	67.79	4.61	106.41	21125.17	376.57
388	389	1	ppm	22.09	0	38.78	0	116.86	9741.93	279.95
389	390	1	ppm	19.89	0	46.75	5.95	260.31	14104.75	1676.35
390	391	1	ppm	22.4	0	57.32	5.62	111.47	17172.66	417.85
391	392	1	ppm	26.62	0	52.93	0	95.72	17096.93	521.63
392	393	1	ppm	25.85	0	67.6	0	95.52	16961.03	517.71
393	394	1	ppm	24.09	0	78.32	4.01	100.97	20620.08	675.65
394	395	1	ppm	29.46	0	69.9	4.5	102.43	19247.81	674.27
395	396	1	ppm	25.59	46.92	79.67	4.11	106.62	18936.84	778.13
396	397	1	ppm	34.53	41.44	112.47	5.65	98.26	23566.56	845.85
397	398	1	ppm	21.88	8.4	87.65	4.77	100.99	20299.19	777.29
398	399	1	ppm	30.25	35.74	92.34	0	98.04	19667.29	690.06
399	400	1	ppm	26.31	44.05	105.53	4.71	111.99	22738.44	1018.15

400	401	1 ppm	23.58	33.2	106.77	4.66	94.27	22320.56	823.65
401	402	1 ppm	22.27	0	95.29	5.75	98.08	23072.58	824.34
402	403	1 ppm	28.36	22	89.69	0	95.68	19456.59	674.08
403	404	1 ppm	33.23	32.95	144.28	5.09	90.82	26599.42	916.24
404	405	1 ppm	20.2	43	144.32	4.6	85.47	30437.58	1006.97
405	406	1 ppm	27.77	58.22	158.62	5.42	73.43	34291.87	1100.1
406	407	1 ppm	27.92	26.52	129.2	4.23	73.05	31880.17	957.65
407	408	1 ppm	0	0	89.88	6.42	93.18	24502.23	767.15
408	409	1 ppm	20.76	11.25	84.53	4.57	94.93	27733.34	653.04
409	410	1 ppm	22.73	0	66.18	6.72	96.74	21097.78	393.09
410	411	1 ppm	20.99	0	57.39	6.93	97.88	18931.17	278.96
411	412	1 ppm	20	0	56.09	5.11	103.98	16507.17	309.71
412	413	1 ppm	21.16	0	58.01	7.16	111.73	19236.43	271.02
413	414	1 ppm	28.86	0	68.67	4.91	119.4	21085.62	536.46
414	415	1 ppm	17.46	0	56.41	5.57	108.62	21156.06	273.93
415	416	1 ppm	21.12	0	79.21	6.57	105.93	22467.36	373.08
416	417	1 ppm	19.42	0	62.76	4.39	109.91	19687.28	302.94
417	418	1 ppm	19.81	0	73.33	0	113.05	20863.09	832.72
418	419	1 ppm	20.36	0	54.04	4.93	125.64	13824.68	535.7
419	420	1 ppm	24.44	0	64.05	6.29	107.7	18844.07	360.39
420	421	1 ppm	23.5	0	56.5	4.83	103.9	17437.11	457.96
421	422	1 ppm	26	0	63.69	5.32	103.75	20746.99	601.5
422	423	1 ppm	41.23	0	114.53	4.22	102.19	24765.35	570.78
423	424	1 ppm	25.96	0	125.96	0	113.14	22768.53	616.46
424	425	1 ppm	19.02	0	94.49	5.52	127.72	23061.97	649.4
425	426	1 ppm	17.68	0	38.56	4.33	114.19	11547.58	254.55
426	427	1 ppm	20.51	0	37.59	0	117.04	12990.45	232.4
427	428	1 ppm	21.95	13.09	54.36	4.28	164.62	12858.05	640.66
428	429	1 ppm	17.98	12.77	49.44	0	125.46	17532.45	488.19
429	430	1 ppm	22.35	25.71	36.63	0	123.88	8129.71	215.47
430	431	1 ppm	0	0	48.34	0	105.02	16878.59	252.61
431	432	1 ppm	18.44	0	57.12	6.48	96.08	21815.58	301
432	433	1 ppm	0	0	73.32	4.25	96.65	19134.63	348.37
433	434	1 ppm	18.25	0	69.25	4.7	105.19	16309.42	394.89

434	435	1	ppm	24.17	0	84.63	4.94	92.87	17780.23	422.82
435	436	1	ppm	30.11	0	56.75	0	96.92	25893.04	910.38
436	437	1	ppm	0	0	48.79	4.71	94.64	20544.21	319.96
437	438	1	ppm	26.04	7.59	51.31	4.37	114.04	15704	385.93
438	439	1	ppm	0	8.4	58.41	0	106.2	18775.6	477.56
439	440	1	ppm	17.41	26.49	89.13	5.97	85.82	22185.1	538.03
440	441	1	ppm	19.48	19.23	67.53	4.83	83.27	16979.6	459.82
441	442	1	ppm	0	40.08	88.22	5.78	89.99	18822.38	531.35
442	443	1	ppm	0	0	93.69	5.23	81.95	28378.17	745.92
443	444	1	ppm	20.05	0	56.36	4.67	80.27	21004.74	577.19
444	445	1	ppm	0	0	35.27	0	82.8	13821.58	364.91
445	446	1	ppm	18.01	0	46.33	5.34	84.68	20370.39	531.85
446	447	1	ppm	16.08	0	74.39	0	78.25	23561.31	653.26
447	448	1	ppm	34.8	0	91.61	5.14	73.01	28364.24	727.65
448	449	1	ppm	20.97	0	63.82	0	84.83	19795.32	603.29
449	450	1	ppm	17.51	0	50.28	5.24	82.28	14218.36	372.04
450	451	1	ppm	21.96	0	35.59	0	69.15	17193.65	418.29
451	452	1	ppm	23.38	0	42.53	6.44	70.38	20003.73	436.16
452	453	1	ppm	19.07	0	50.86	4.83	68.71	18279.55	281.92
453	454	1	ppm	23.5	0	78.4	4.53	86.57	17880.21	333.73
454	455	1	ppm	18.58	0	68	5.36	87.9	17680.31	351.75
455	456	1	ppm	22.1	0	65.93	0	89.83	17497.24	433.73
456	457	1	ppm	19.67	0	81.57	10.64	80.28	24486.46	658.38
457	458	1	ppm	16.35	0	70.79	3.97	90.64	19718.96	479.61
458	459	1	ppm	25.61	0	62.33	4.97	89.33	15521.06	398.19
459	460	1	ppm	20.09	8.55	62.83	4.3	83.14	17581.18	440.47
460	461	1	ppm	0	0	50.08	4.81	81.77	21481.94	522.47
461	462	1	ppm	37.36	0	77.09	4.23	77.48	29554.35	844.04
462	463	1	ppm	27.3	0	69.61	5.16	78.71	21988.8	630.8
463	464	1	ppm	19.15	8.29	86.56	4.27	74.16	20006.1	541.86
464	465	1	ppm	20.13	0	63.1	4.17	67.96	28385.51	644.45
465	466	1	ppm	28.18	0	75.67	4.1	82.56	20060.69	598.71
466	467	1	ppm	25.51	0	45.41	5.47	82.02	13908.91	312.52
467	468	1	ppm	21.95	13.11	69.32	4.54	84.86	15804.5	415.13

468	469	1	ppm	0	9.63	48.41	5.19	91.79	12435.93	345.68
469	470	1	ppm	17.5	0	41.5	3.63	98.55	10989.25	392.49
470	471	1	ppm	19.52	0	45.75	4.97	98.88	11145.71	235.39
471	472	1	ppm	28.07	0	41.29	3.99	74.41	18759.18	606.93
472	473	1	ppm	17.19	0	47.2	5.77	80.28	19614.09	369.1
473	474	1	ppm	32.25	0	53.87	4.3	79.39	19443.87	455.9
474	475	1	ppm	79.72	0	47.71	5.87	80.27	26655.79	938.86
475	476	1	ppm	18.66	0	87.3	0	82.62	24933.63	680.44
476	477	1	ppm	16.51	0	83	4.74	93.14	19587.04	375.24
477	478	1	ppm	23.65	0	55.13	0	83.68	16372.23	400.77
478	479	1	ppm	19.42	0	72.13	0	82.42	24547.18	758.55
479	480	1	ppm	17.57	0	38.71	3.75	89.53	11349.54	304.98
480	481	1	ppm	18.59	0	57.01	4.59	91.32	16035.07	344.74
481	482	1	ppm	23.01	0	40.57	0	86.06	16678.28	446.56
482	483	1	ppm	20.84	0	43.56	0	84.75	14218.76	291.95
483	484	1	ppm	23.18	0	45.58	0	88.81	13843.54	358.83
484	485	1	ppm	0	0	29.19	0	92.21	13672.61	346.34
485	486	1	ppm	27.89	0	48.26	0	86.59	28062.73	530.38
486	487	1	ppm	22.16	0	31.31	4.31	87.6	10759.07	294.78
487	488	1	ppm	0	0	36.03	0	81.74	14137.31	358.09
488	489	1	ppm	21.81	0	50.79	0	85.03	27789.34	758.75
489	490	1	ppm	17.61	0	52.6	4.63	103.36	18559.36	751.94
490	491	1	ppm	0	0	62.11	0	97.95	15368.93	374.39
491	492	1	ppm	26.2	0	83.39	6.62	82.25	22097.73	524.29
492	493	1	ppm	36.27	69.08	91.43	8.81	110.04	24149.31	704.36
493	494	1	ppm	22.51	0	70.22	0	76.79	20956.06	501.88
494	495	1	ppm	17.93	0	66.07	0	89.27	21562.62	467.59
495	496	1	ppm	20.8	0	37.14	0	84.42	14960.1	455.7
496	497	1	ppm	20.9	0	38.6	0	95.95	12049.63	328.99
497	498	1	ppm	23.5	9.31	41.99	4.05	98.4	11052.84	345.2
498	499	1	ppm	25.86	16.92	60.34	4.71	96.67	17193.17	642.44
499	499.87	0.87	ppm	32.05	0	77.24	0	94.16	20862.16	465.35
EOH										

Drill Hole SFBK18-02

From(m)	To(m)	Run(m)	TCR(m)	SCR(m)	CR %	RQD %
Case	27.43					
27.43	30.48	3.05	0.60	0.14	20	5
30.48	33.53	3.05	1.50	0.00	49	0
33.53	36.58	3.05	1.00	0.00	33	0
36.58	39.62	3.04	1.05	0.00	35	0
39.62	42.67	3.05	1.08	0.10	35	3
42.67	45.72	3.05	1.48	0.39	49	13
45.72	48.77	3.05	0.66	0.00	22	0
48.77	51.82	3.05	0.82	0.00	27	0
51.82	54.86	3.04	1.37	0.55	45	18
54.86	57.91	3.05	1.65	0.49	54	16
57.91	60.96	3.05	2.20	0.88	72	29
60.96	64.01	3.05	0.80	0.26	26	9
64.01	67.06	3.05	2.03	1.21	67	40
67.06	70.10	3.04	2.20	1.34	72	44
70.10	73.15	3.05	2.21	1.11	72	36
73.15	76.20	3.05	2.66	1.52	87	50
76.20	79.25	3.05	1.84	0.55	60	18
79.25	82.30	3.05	2.60	1.38	85	45
82.30	85.34	3.04	2.50	1.87	82	62
85.34	88.39	3.05	2.85	2.36	93	77
88.39	91.44	3.05	2.86	2.60	94	85
91.44	94.49	3.05	2.62	2.33	86	76
94.49	97.54	3.05	2.90	2.61	95	86
97.54	100.58	3.04	2.86	2.70	94	89
100.58	103.63	3.05	1.92	0.87	63	29
103.63	106.68	3.05	2.70	2.15	89	70
106.68	109.73	3.05	2.21	1.37	72	45
109.73	112.78	3.05	2.20	0.77	72	25
112.78	115.82	3.04	2.15	0.66	71	22
115.82	118.87	3.05	2.60	1.52	85	50
118.87	121.92	3.05	2.03	0.70	67	23
121.92	124.97	3.05	2.30	0.39	75	13
124.97	128.02	3.05	2.50	0.70	82	23
128.02	131.06	3.04	2.28	1.12	75	37
131.06	134.11	3.05	2.98	2.66	98	87
134.11	137.16	3.05	2.67	1.93	88	63
137.16	140.21	3.05	2.70	0.91	89	30
140.21	143.26	3.05	2.86	2.58	94	85
143.26	146.30	3.04	2.07	1.90	68	62
146.30	149.35	3.05	1.97	1.08	65	35
149.35	152.40	3.05	2.82	2.40	92	79
152.40	155.45	3.05	2.91	2.73	95	90
155.45	158.50	3.05	3.04	2.97	100	97
158.50	161.54	3.04	3.04	2.81	100	92

161.54	164.59	3.05	3.04	2.80	100	92
164.59	167.64	3.05	3.02	2.93	99	96
167.64	170.69	3.05	2.92	2.56	96	84
170.69	173.74	3.05	2.33	1.68	76	55
173.74	176.78	3.04	2.97	2.06	98	68
176.78	179.83	3.05	2.97	1.92	97	63
179.83	182.88	3.05	3.05	3.00	100	98
182.88	185.93	3.05	3.03	2.91	99	95
185.93	188.98	3.05	2.90	2.52	95	83
188.98	192.02	3.04	3.05	3.02	100	99
192.02	195.07	3.05	3.00	2.90	98	95
195.07	198.12	3.05	3.00	2.70	98	89
198.12	201.17	3.05	2.95	2.65	97	87
201.17	204.22	3.05	2.95	2.30	97	75
204.22	207.26	3.04	2.49	2.03	82	67
207.26	210.31	3.05	2.73	2.30	90	75
210.31	213.36	3.05	2.75	2.00	90	66
213.36	216.41	3.05	2.90	2.65	95	87
216.41	219.46	3.05	2.94	2.50	96	82
219.46	222.50	3.04	2.56	1.91	84	63
222.50	225.55	3.05	3.04	2.60	100	85
225.55	228.60	3.05	3.02	2.82	99	92
228.60	231.65	3.05	3.00	2.46	98	81
231.65	234.70	3.05	3.03	2.74	99	90
234.70	237.74	3.04	3.00	2.62	99	86
237.74	240.79	3.05	3.01	2.39	99	78
240.79	243.84	3.05	3.00	2.48	98	81
243.84	246.89	3.05	3.01	2.86	99	94
246.89	249.94	3.05	3.04	2.71	100	89
249.94	252.98	3.04	3.02	2.96	99	97
252.98	256.03	3.05	2.98	2.69	98	88
256.03	259.08	3.05	3.04	2.77	100	91
259.08	262.13	3.05	2.95	2.43	97	80
262.13	265.18	3.05	3.05	2.87	100	94
265.18	268.22	3.04	3.02	2.92	99	96
268.22	271.27	3.05	2.97	2.81	97	92
271.27	274.32	3.05	3.02	2.73	99	90
274.32	277.37	3.05	3.02	2.76	99	90
277.37	280.42	3.05	2.99	2.98	98	98
280.42	283.46	3.04	3.04	3.01	100	99
283.46	286.51	3.05	3.05	3.05	100	100
286.51	289.56	3.05	3.05	2.91	100	95
289.56	292.61	3.05	2.97	2.67	97	88
292.61	295.66	3.05	3.03	2.74	99	90
295.66	298.70	3.04	3.04	2.94	100	97
298.70	301.75	3.05	2.95	2.76	97	90
301.75	304.80	3.05	3.04	2.69	100	88

304.80	307.85	3.05	3.05	3.05	100	100
307.85	310.90	3.05	3.04	3.00	100	98
310.90	313.94	3.04	3.02	2.23	99	73
313.94	316.99	3.05	3.05	1.81	100	59
316.99	320.04	3.05	2.92	2.90	96	95
320.04	323.09	3.05	3.05	1.75	100	57
323.09	326.14	3.05	3.00	2.40	98	79
326.14	329.18	3.04	2.85	2.28	94	75
329.18	332.23	3.05	2.36	1.21	77	40
332.23	335.28	3.05	2.42	1.28	79	42
335.28	338.33	3.05	3.05	2.69	100	88
338.33	341.38	3.05	3.03	2.77	99	91
341.38	344.42	3.04	3.04	3.00	100	99
344.42	347.47	3.05	3.01	2.58	99	85
347.47	350.52	3.05	3.02	2.55	99	84
350.52	353.57	3.05	2.95	2.71	97	89
353.57	356.62	3.05	3.03	2.90	99	95
356.62	359.66	3.04	3.04	2.93	100	96
359.66	362.71	3.05	3.00	2.73	98	90
362.71	365.76	3.05	3.05	2.98	100	98
365.76	368.81	3.05	3.03	3.03	99	99
368.81	371.86	3.05	3.00	2.62	98	86
371.86	374.90	3.04	3.04	2.91	100	96
374.90	377.95	3.05	3.03	2.94	99	96
377.95	381.00	3.05	3.04	2.52	100	83
381.00	384.05	3.05	2.98	2.82	98	92
384.05	387.10	3.05	3.02	2.94	99	96
387.10	390.14	3.04	3.03	3.03	100	100
390.14	393.19	3.05	3.05	2.91	100	95
393.19	396.24	3.05	3.05	2.73	100	90
396.24	399.29	3.05	3.05	2.72	100	89
399.29	402.34	3.05	2.95	2.82	97	92
402.34	405.38	3.04	3.04	3.04	100	100
405.38	408.43	3.05	3.04	2.70	100	89
408.43	411.48	3.05	3.05	3.01	100	99
411.48	414.53	3.05	3.05	2.80	100	92
414.53	417.58	3.05	3.05	2.96	100	97
417.58	420.62	3.04	3.03	2.83	100	93
420.62	423.67	3.05	3.05	2.58	100	85
423.67	426.72	3.05	3.02	2.93	99	96
426.72	429.77	3.05	3.02	2.85	99	93
429.77	432.82	3.05	3.05	2.91	100	95
432.82	435.86	3.04	3.04	3.00	100	99
435.86	438.91	3.05	3.05	3.05	100	100
438.91	441.96	3.05	3.03	3.03	99	99
441.96	445.01	3.05	3.05	3.05	100	100
445.01	448.06	3.05	2.96	2.46	97	81

448.06	451.10	3.04	3.04	2.78	100	91
451.10	454.15	3.05	3.03	2.52	99	83
454.15	457.20	3.05	2.98	2.98	98	98
457.20	460.25	3.05	3.05	2.55	100	84
460.25	463.30	3.05	3.03	2.94	99	96
463.30	466.34	3.04	3.00	2.71	99	89
466.34	469.39	3.05	3.04	2.59	100	85
469.39	472.44	3.05	3.00	1.62	98	53
472.44	475.49	3.05	3.01	2.49	99	82
475.49	478.54	3.05	3.05	2.68	100	88
478.54	481.58	3.04	3.00	2.16	99	71
481.58	484.63	3.05	2.97	2.47	97	81
484.63	487.68	3.05	3.03	2.76	99	90
487.68	490.73	3.05	3.05	2.76	100	90
490.73	493.78	3.05	3.02	2.77	99	91
493.78	496.82	3.04	3.04	2.89	100	95
496.82	499.87	3.05	3.01	2.88	99	94

EOH

Index	UTM E	UTM N	Reading No	Time	Type	Duration	Units	Sigma Valu	Sequence	Mo	Mo Error	Zr	Zr Error	Sr	Sr Error	U	U Error	Rb	Rb Error	Th	Th Error	Pb	Pb Error	Au	Au Error	Se	Se Error	As	As Error	Hg	Hg Error	Zn	Zn Error	W	W Error	Cu	Cu Error	Ni	Ni Error	Co	Co Error	Fe	Fe Error	Mn
SFL1-00	588814	5457164	174	23/12/2017 21:39	Soil	30.44	ppm	2	Final	6.76	2.48	301.09	5.23	131.26	3.36	< LOD	6.3	104.03	3.48	6.21	2.36	11.11	4.02	< LOD	5.47	< LOD	3.15	< LOD	4.35	< LOD	6.87	87.71	7.84	< LOD	27.84	< LOD	13.34	< LOD	28.62	161.1	58.53	21696.03	181.73	507.33
SFL1-50	588781	5457213	175	23/12/2017 21:43	Soil	30.95	ppm	2	Final	< LOD	3.45	277.06	4.91	173.17	3.66	< LOD	5.82	76.08	2.95	7.84	2.29	10.25	3.82	< LOD	5.25	< LOD	3.06	5.2	2.88	< LOD	6.5	95.15	7.75	< LOD	26.8	16.85	8.74	< LOD	26.49	< LOD	83.81	22026.99	175.88	322.69
SFL1-100	588773	5457263	176	23/12/2017 21:45	Soil	30.56	ppm	2	Final	6.88	2.48	279.44	5.09	134.51	3.4	< LOD	6.6	108.52	3.58	8.9	2.52	18.59	4.4	< LOD	5.53	< LOD	3.23	5.6	3.28	< LOD	6.92	82.86	7.74	< LOD	27.96	23.84	9.48	< LOD	28.51	140.36	62.78	25311.8	196.63	549.89
SFL1-150	588770	5457314	177	23/12/2017 21:48	Soil	30.5	ppm	2	Final	3.69	2.31	237.22	4.65	156.98	3.53	< LOD	5.69	69.34	2.86	8.41	2.37	22.16	4.37	< LOD	5.25	< LOD	3.04	< LOD	4.77	< LOD	6.46	126.35	8.65	< LOD	26.99	14.63	8.74	< LOD	26.89	121.05	60.44	25192.42	189.83	658.61
SFL1-200	588770	5457359	178	23/12/2017 21:50	Soil	30.72	ppm	2	Final	4.82	2.46	289.48	5.16	136.27	3.42	< LOD	6.58	110.17	3.6	6.58	2.42	17.32	4.34	< LOD	5.65	< LOD	3.36	< LOD	4.78	< LOD	6.86	78.81	7.62	< LOD	28.44	25.89	9.5	< LOD	28.69	131.65	61.25	24094.75	191.73	407.67
SFL1-250	588783	5457417	179	23/12/2017 21:53	Soil	30.96	ppm	2	Final	< LOD	3.5	247.96	4.74	140.7	3.39	< LOD	5.79	81.95	3.07	8.23	2.35	11.72	3.95	< LOD	5.17	< LOD	3.05	4.65	2.96	< LOD	6.47	75.53	7.24	< LOD	25.79	< LOD	12.94	< LOD	27.53	135.17	56.24	21056.32	175.16	408.84
SFL1-300	588790	5457474	181	23/12/2017 21:56	Soil	30.45	ppm	2	Final	3.51	2.27	229.3	4.52	154.97	3.47	< LOD	5.8	88	3.1	3.91	2.13	13.38	3.92	< LOD	4.95	< LOD	2.86	< LOD	4.31	< LOD	6.35	54.06	6.44	< LOD	25.72	< LOD	12.71	< LOD	26.17	97.94	53.69	20188.61	168.02	320.01
SFL1-350	588819	5457516	182	23/12/2017 21:58	Soil	30.68	ppm	2	Final	4.17	2.25	225.84	4.51	197.7	3.84	< LOD	5.02	39.82	2.25	4	2.02	8.75	3.66	< LOD	4.97	< LOD	2.96	< LOD	4.1	< LOD	6.27	56.99	6.51	< LOD	25.76	20.57	8.59	< LOD	24.66	110.34	53.07	20016.35	165.62	183.21
SFL1-400	588858	5457561	183	23/12/2017 22:01	Soil	30.92	ppm	2	Final	< LOD	3.49	275.54	4.92	121.43	3.18	< LOD	5.76	77.71	3.01	4.75	2.18	6.42	3.68	< LOD	5.66	< LOD	3.14	< LOD	4.06	< LOD	6.79	76.11	7.33	< LOD	27.02	< LOD	13.18	< LOD	27.88	107.37	55.06	20223.83	171.97	225.34
SFL1-450	588888	5457609	184	23/12/2017 22:03	Soil	30.75	ppm	2	Final	4.71	2.37	263.81	4.84	125.89	3.22	< LOD	5.97	91.07	3.22	4.81	2.22	8.77	3.8	< LOD	5.14	< LOD	3	< LOD	4.18	6.68	4.44	72.59	7.2	< LOD	26.61	15.08	8.88	< LOD	27.56	97.16	57.88	22699.35	181.74	224.96
SFL1-500	588921	5457652	185	23/12/2017 22:06	Soil	30.86	ppm	2	Final	5.96	2.34	259.64	4.74	130.92	3.23	< LOD	5.7	78.08	2.97	5.45	2.18	6.86	3.64	< LOD	5	< LOD	2.99	< LOD	4.06	< LOD	6.3	50.81	6.39	< LOD	26.28	< LOD	12.86	< LOD	25.9	87.76	55.32	21368.17	173.7	240.39
SFL1-550	588957	5457697	186	23/12/2017 22:09	Soil	30.43	ppm	2	Final	4.85	2.48	273.57	5.14	149.26	3.62	< LOD	6.36	88.4	3.33	9.13	2.58	28.81	4.9	< LOD	5.86	< LOD	3.42	< LOD	5.41	< LOD	7.05	68.68	7.43	< LOD	29.2	23.87	9.65	< LOD	29.3	123.65	66.22	27676.74	208.52	861.46
SFL1-600	588997	5457741	187	23/12/2017 22:11	Soil	30.4	ppm	2	Final	6.4	2.49	303.65	5.25	125	3.29	< LOD	6.23	96.37	3.38	7.99	2.43	13.67	4.15	< LOD	5.4	< LOD	3.18	< LOD	4.53	< LOD	6.76	61.94	7.09	< LOD	28.56	25.23	9.47	< LOD	28.35	138.93	59.58	22645.02	185.9	385.41
SFL1-650	589034	5457777	188	23/12/2017 22:14	Soil	30.55	ppm	2	Final	< LOD	3.54	244.74	4.75	122.37	3.22	< LOD	5.41	52.3	2.6	8.84	2.4	14.48	4.1	< LOD	5.35	< LOD	3.03	6.99	3.14	< LOD	6.57	99.44	8.09	< LOD	27.23	13.52	8.9	< LOD	27.59	117.19	67.04	30106.56	211.76	888.98
SFL1-700	589075	5457810	189	23/12/2017 22:16	Soil	30.96	ppm	2	Final	4.31	2.35	242.27	4.7	134.1	3.32	< LOD	5.41	59.67	2.7	6.53	2.3	17.03	4.2	< LOD	5.25	< LOD	3.14	< LOD	4.53	< LOD	6.58	82.23	7.52	< LOD	26.84	< LOD	13.27	< LOD	27.34	119.22	65.44	29159.25	206.3	437.54
SFL1-750	589111	5457848	190	23/12/2017 22:18	Soil	30.77	ppm	2	Final	5.08	2.35	261.9	4.87	194.19	3.89	6.2	3.62	41.12	2.36	5.62	2.18	11.56	3.87	< LOD	4.97	< LOD	2.92	< LOD	4.3	< LOD	6.53	76.73	7.28	< LOD	26.64	23.53	8.96	< LOD	26.52	121.26	60.01	24851.46	188.36	533.25
SFL1-800	589153	5457888	191	23/12/2017 22:21	Soil	30.94	ppm	2	Final	< LOD	3.42	237.77	4.63	171.79	3.64	< LOD	5.24	47.44	2.44	6.48	2.26	26.33	4.48	< LOD	4.94	< LOD	2.95	8.57	3.42	< LOD	6.21	95.56	7.73	< LOD	26.03	15.99	8.65	< LOD	25.99	< LOD	95.29	28880.73	200.97	208.18
SFL1-850	589198	5457924	192	23/12/2017 22:24	Soil	30.87	ppm	2	Final	4.66	2.32	246.24	4.7	172.74	3.66	< LOD	5.61	66.37	2.78	5.68	2.19	7.37	3.67	< LOD	4.92	< LOD	3.01	< LOD	4.08	< LOD	6.27	92.62	7.65	< LOD	25.72	16.8	8.72	< LOD	26.11	96.73	58.65	24190.24	184.68	671.86
SFL1-900	589240	5457959	295	24/12/2017 2:56	Soil	31.01	ppm	2	Final	< LOD	3.46	252.51	4.79	205.74	3.97	< LOD	5.65	58.97	2.68	3.99	2.12	11.17	3.84	< LOD	5.31	< LOD	3	< LOD	4.21	< LOD	6.38	94.17	7.74	< LOD	26.76	21	8.89	< LOD	26.96	126.44	59.27	24501.95	185.75	338.91
SFL1-1000	589261	5458058	296	24/12/2017 2:59	Soil	30.68	ppm	2	Final	< LOD	3.62	285.17	5.08	130.73	3.33	< LOD	6.06	89.95	3.25	8.66	2.43	12.1	4.05	< LOD	5.88	< LOD	3.31	< LOD	4.38	< LOD	6.74	69.65	7.27	< LOD	28.34	23.81	9.36	33.02	19.08	< LOD	90.27	23972.89	189.57	256.48
SFL1-1050	589238	5458105	297	24/12/2017 3:03	Soil	31.37	ppm	2	Final	6.83	3.1	334.55	6.74	128.05	4.1	< LOD	7.63	96.8	4.17	7.81	3.02	15.27	5.22	< LOD	7	< LOD	4.06	< LOD	5.75	< LOD	8.58	64.85	8.86	< LOD	34.98	25.84	11.72	< LOD	35.05	143.9	77.73	25601.67	243.29	377.6
SFL1-1100	589204	5458144	298	24/12/2017 3:05	Soil	31.55	ppm	2	Final	4.82	2.42	320.32	5.22	117.39	3.12	< LOD	6.08	94.48	3.27	8.96	2.41	12.47	4	< LOD	5.29	< LOD	3.15	< LOD	4.41	< LOD	6.65	52.53	6.56	< LOD	27.15	16.89	8.92	< LOD	27.46	112.32	58.74	23448.85	184.27	433.62
SFL1-1150	589178	5458182	299	24/12/2017 3:09	Soil	30.9	ppm	2	Final	3.81	2.37	262.79	4.82	104.79	2.98	< LOD	6.14	105.48	3.44	7.78	2.42	20.57	4.37	< LOD	5.47	< LOD	3.15	< LOD	4.78	< LOD	6.6	78.29	7.48	< LOD	28.2	33.62	9.52	< LOD	27.86	175.9	63	26369.58	196.61	565.96
SFL1-1200	589154	5458228	300	24/12/2017 3:11	Soil	31.06	ppm	2	Final	6.31	2.42	260.4	4.86	130.83	3.31	< LOD	6.45	102.14	3.44	7.12	2.4	13.77	4.09	< LOD	5.17	< LOD	3.06	< LOD	4.49	< LOD	6.83	80.46	7.55	< LOD	27.81	19.2	9.17	< LOD	27.95	166.02	64.78	27833.39	202.77	566.34
SFL1-1250	589128	5458266	301	24/12/2017 3:13	Soil	30.97	ppm	2	Final	4.9	2.48	324.61	5.35	115.91	3.16	< LOD	6.49	107.77	3.54	9.58	2.51	14.27	4.16	< LOD	5.24	< LOD	3.13	< LOD	4.64	< LOD	6.96	68	7.26	< LOD	28.82	21.93	9.36	< LOD	28.49	114.61	62.05	25278	194.99	424.49
SFL1-1300	589087	5458302	302	24/12/2017 3:15	Soil	31.48	ppm	2	Final	< LOD	3.64	304.47	5.18	124.19	3.24	< LOD	6.38	104.84	3.47	8.01	2.45	22.33	4.49	< LOD	5.43	< LOD	3.16	< LOD	4.88	< LOD	6.86	75.49	7.41	< LOD	27.95	23.03	9.3	46.47	19.24	< LOD	92.19	25522.93	194.83	1011.86
SFL1-1350	589057	5458341	303	24/12/2017 3:17	Soil	30.61	ppm	2	Final	3.7	2.39	268.12	4.98	163.41	3.67	< LOD	5.9	80.04	3.09	6.88	2.33	10	3.92	< LOD	5.63	< LOD	3.23	4.77	2.95	< LOD	6.72	64.21	7.07	< LOD	27.86	18.52	9.17	< LOD	27.44	< LOD	87.66	22745.35	184.16	579.59
SFL1-1400	589025	5458384	305	24/12/2017 3:19	Soil	31.06	ppm	2	Final	< LOD	3.55	267.21	4.91	141.17	3.41	< LOD	6.07	87.15	3.19	4.77	2.25	16.1	4.16	< LOD	5.31	< LOD	3.01	< LOD	4.53	< LOD	6.58	78.45	7.41	< LOD	26.91	< LOD	13.51	36.49	19.02	< LOD	87.96	23262.91	185.3	1093.05
SFL1-1450	589004	5458428	306	24/12/2017 3:22	Soil	31.49	ppm	2	Final	< LOD	3.48	247.07	4.71	156.1	3.52	< LOD	6.12	88.37	3.17	8.74	2.4	15.85	4.1	< LOD	5.4	< LOD	3.08	6.92	3.12	< LOD	6.55	84.42	7.49	< LOD	26.5	20.05	8.96	< LOD	26.96	< LOD	92.4	26848	195.79	1363.5
SFL1-1500	588971	5458466	307	24/12/2017 3:26	Soil	30.9	ppm	2	Final	3.82	2.39	290.95	5.1	169.57	3.69	< LOD	6.02	82.73	3.11	8.49	2.38	12.19	3.98	< LOD	5.28	< LOD	3.06	5.31	3	< LOD	6.65	80.87	7.47	< LOD	26.74	28.93	9.22	< LOD	27.16	< LOD	87.5	23186.61	183.82	710.24
SFL1-1550	588941	5458503	308	24/12/2017 3:28	Soil	30.72	ppm	2	Final	4.78	2.53	354.41	5.63	140.2	3.47	< LOD	6.46	96.64	3.41	9.41	2.52	12.74	4.14	< LOD	5.65	< LOD	3.3	7.12	3.16	< LOD	6.92	68.59	7.28	< LOD	27.98	15.64	9.24	36.64	19.52	116.67	63.91	26450.59	201.11	649.04
SFL1-1600	588909	5458549	310	24/12/2017 3:30	Soil	31.35	ppm	2	Final	4.56	2.51	339.94	5.52	134.01	3.4	< LOD	6.45	101.98	3.48	10.61	2.55	9.39	3.97	< LOD	5.82	< LOD	3.28	< LOD	4.45	< LOD	7.17	70.85	7.4	< LOD	28.95	20.11	9.42	37.03	19.58	128.28	62.08	24784.71	194.57	419.31
SFL1-1650	588880	5458585	311	24/12/2017 3:32	Soil	30.73	ppm	2	Final	< LOD	3.79	363.78	5.73	150.97	3.6	9.52	4.28	77.33	3.15	16.39	2.78	21.99	4.57	< LOD	5.62	< LOD	3.27	< LOD	5.06	< LOD	7.04	75.56	7.57	< LOD	28.7	36.34	9.88	< LOD	28.81	< LOD	95.16	26144.78	200.4	444.08
SFL1-1700	588846	5458621	312	24/12/2017 3:34	Soil	30.94	ppm	2	Final	4.7	2.43	282.75	5.07	131.87	3.34	< LOD	6.24	95.29	3.34	8.02	2.44	16.52	4.24	< LOD	5.39	< LOD	3.08	< LOD	4.73	< LOD	6.81	72.48	7.37	< LOD	28.48	14.99	9.15	< LOD	28.19	109.07	63.19	26399.95	199.23	1128.66
SFL1-1750	588818	5458668	313	24/12/2017 3:37	Soil	30.76	ppm	2	Final	5.34	2.46	291.71	5.14	116.23	3.18	< LOD	6.48	111.02	3.59	7.52	2.45	17.36	4.32	< LOD	5.5	< LOD	3.16	< LOD	4.76	7.95	4.64	73.51	7.4	< LOD	27.7	17.02	9.28	43.32	19.48	< LOD	91.01	24223.34	192.03	906.63
SFL1-1800	588801	5458713	314	24/12/2017 3:39	Soil	31.42	ppm	2	Final	< LOD	3.54	278.94	4.98	153.83	3.52	< LOD	6	89.16	3.19	7.47	2.36	16.51	4.18	< LOD	5.41	< LOD	3.14	< LOD	4.58	< LOD	6.57	77.47	7.36	< LOD	26.92	21.26	9.11	< LOD	27.4	96.57	59.99	24614.95	189.03	816.41
SFL1-1850	588786	5458772	315	24/12/2017 3:41	Soil	30.98	ppm	2	Final	< LOD	3.71	303.25	5.28	107.65	3.11	< LOD	6.63	113.28	3.67	10	2.61	19.34	4.48	< LOD	5.83	< LOD	3.39	< LOD	4.95	< LOD	7.11	81.26	7.79	< LOD	29.1	23.63	9.63	36.12	19.9	171.97	66.87	28187.34	209.53	1267.21
SFL1-1900	588775	5458818	316	24/12/2017 3:43	Soil	30.69	ppm	2	Final	3.86	2.4	236.38	4.84	184.03	3.93	< LOD	5.97	70.38	2.98	7.14	2.42	25.38	4.67	< LOD	5.51	< LOD	3.24	< LOD	5.17	< LOD	6.81	77.86	7.61	< LOD	28.41	31.01	9.74	< LOD	28.48	143.71	64.11	26431.69	200.92	466.55
SFL1-1950	588752	5458861	317	24/12/2017 3:45	Soil	30.69	ppm	2	Final	4.39	2.44	273.56	5.07	165.38	3.72	< LOD	6.5	91.42	3.33	8.22	2.49	26.74	4.72	< LOD	5.66	< LOD	3.27	< LOD	5.16	< LOD	7.02	99.02	8.21	< LOD	28.5	40.18	9.91	32.22	19.31	121.59	63.91	26691.95	201.13	945.92
SFL1-2000	588728	5458905	318	24/12/2017 3:47	Soil	30.67	ppm	2	Final	< LOD	3.59	282.79	5.03	131.33	3.31	< LOD	6.5	113.43	3.58	9.16	2.54	29.09	4.76	< LOD	5.21	< LOD	3.06	7.84	3.58	< LOD	6.59	103.06	8.14	< LOD	26.6	23.23	9.21	30.87	19	151.04	64.94	28151.41	203.66	324.88
SFL2-00	587890	5461325	194	23/12/2017 22:30	Soil	31.09	ppm	2	Final	6.12	2.4	254.2	4.83	144.49	3.45	< LOD	6.3	102.23	3.41	8.41	2.38	6.89	3.77	< LOD	5.44	< LOD	3.26	< LOD	4.15	< LOD	6.82	119.66	8.64	< LOD	28.41	17.9	9	< LOD	27.32	< LOD	78.4	18212.71	164.27	619.7
SFL2-100	587900	5461237	195	23/12/2017 22:32	Soil	30.62	ppm	2	Final	4.81	2.28	211.49	4.44	180.01	3.74	< LOD	5.43	55.31	2.59	3.11	2.02	6.46	3.58	< LOD	5.04	< LOD	2.85	< LOD	3.93	< LOD	6.44	120.04	8.41	< LOD	26.43	15.31	8.56	< LOD	26.08	< LOD	75.35	17610.34	158.48	1217.79
SFL2-200	587900	5461137	197	23/12/2017 22:37	Soil	30.65	ppm	2	Final	3.98	2.37	277.91	5.02	184.02	3.83	< LOD	5.57	58.87	2.7	5.83	2.18	7.55	3.72	< LOD	5.31	< LOD	2.98	< LOD	4	< LOD	6.6	91.27	7.77	< LOD	27.12	24.81	9	< LOD	26.88	150.28	49.59	15811.65	152.36	802.45
SFL2-300	587987	5461064	198	23/12/2017 22:39	Soil	30.94	ppm	2	Final	4.24	2.3	245.12	4.68	181.96	3.74	< LOD	5.29	51.26	2.5	5.43	2.11	5.95	3.56	< LOD	5.01	< LOD	2.93	4.94	2.71	< LOD	6.31	125.62	8.52	< LOD	26.13	31.4	8.97	< LOD	25.73	101.73	52.25	18948.14	163.51	1223.2
SFL2-400	588003	5460957	199	23/12/2017 22:41	Soil	30.77	ppm	2	Final	3.62	2.26	227.61	4.51	165.45	3.57	< LOD	5.13	51.79	2.48	3.47	2.01	6.99	3.6	< LOD	4.95	< LOD	2.96	< LOD	4	< LOD	6.32	95.31	7.68	< LOD	25.77	24.64	8.76	< LOD	25.76	107.84	49.69	17021.73	154.97	1676.04
SFL2-500	588006	5460863	200	23/12/2017 22:43	Soil	31.15	ppm	2	Final	< LOD	3.43	230.58	4.54	120.75	3.13	< LOD	5.74	80.48	3.02	3.57	2.09	9.66	3.81	< LOD	5.17	< LOD	3.09	< LOD	4.19	< LOD	6.3	72.53	7.12	< LOD	26.61	13.95	8.68	39.36	18.32	99.03	48.82	15919.62	151.65	620.14
SFL2-600	588018	5460763	201	23/12/2017 22:45	Soil	30.65	ppm	2	Final	4.5	2.31	238.68	4.71	216.5	4.08	< LOD	5.24	45.77	2.41	5.87	2.14	9.71	3.77	< LOD	5.31	< LOD	2.98	< LOD	4.14	< LOD	6.39	113.42	8.24	< LOD	26.43	< LOD	12.83	< LOD	26.83	105.13	49.91	16890.36	155.43	1170.25
SFL2-700	588041	5460674	202	23/12/2017 22:48	Soil	30.63	ppm	2	Final	4.92	2.22	193.05	4.19	159.96	3.47	< LOD	4.71	33.86	2.1	2.86	1.91	< LOD	4.94	< LOD	5.09	< LOD	2.85	< LOD	3.69	< LOD	5.88	81.87	7.18	< LOD	24.4	27.28	8.59	< LOD	24.65	100.31	48.69	16756.3	151.58	719.87
SFL2-800	588051	5460564	203	23/12/2017 22:50	Soil	30.85	ppm	2	Final	6.07	2.21	206.88	4.22	147.58	3.3	< LOD	5.03	56.43	2.5	4.66	2.03	12.71	3.76	< LOD	4.73	< LOD	2.7	5.72	2.86	< LOD	6.02	68.46	6.69	< LOD	24.5	16.46	8.24	< LOD	24.61	94.95	47.42	16368.61	147.5	433.16
SFL2-900	588075	5460453	204	23/12/2017 22:53	Soil	30.69	ppm	2	Final	< LOD	3.24	194.55	4.14	154.5	3.38	< LOD	4.77	41.43	2.22	< LOD	2.8	< LOD	5.01	< LOD	4.66	< LOD	2.78	5.87	2.59	< LOD	5.85	98.07	7.51	< LOD	23.8	< LOD	11.75	< LOD	24.23	< LOD	66	14430.81	139.29	730.85
SFL2-1000	588097	5460370	205	23/12/2017 22:55	Soil	30.6	ppm	2	Final	< LOD	3.4	226.3	4.61	209.29	4.01	< LOD	5.34	45.27	2.42	4.79	2.09	8.2	3.68	< LOD	5.25	< LOD	2.95	< LOD	4.12	< LOD	6.19	68.38	6.98	< LOD	26.73	23.23	8.8	< LOD	26.36	122.38	49.83	16683.71	154.32	613.54
SFL2-1100	588129	5460277	206	23/12/2017 22:57	Soil	30.58	ppm	2	Final	< LOD	3.42	187.65	4.21	86.62	2.75	< LOD	5.91	97.5	3.32	5.66	2.23	7.21	3.75	< LOD	5.32	< LOD	3.07	< LOD	4.14	< LOD	6.44	49.62	6.44	< LOD	26.05	< LOD	12.9	31.59	18.22	75.18	49.17	15794.72	153.52	611.86
SFL2-1200	588149	5460178	207	23/12/2017 22:59	Soil	30.68	ppm	2	Final	< LOD	3.32	144.52	3.79	72.25	2.54	< LOD	5.59	72.36	2.93	9	2.35	8.06	3.77	< LOD	5.18	< LOD	2.99	< LOD	4.18	< LOD	6.11	54.67	6.61	< LOD	26.12	27.2	9.09	40.78	18.42	< LOD	82.18	19964.53	172.28	717.39
SFL2-1300	588150	5460077	209	23/12/2017 23:01	Soil	30.75	ppm	2	Final	< LOD	3.3	139.17	3.86	140.1	3.4	< LOD	5.43	54.63	2.63	6.53	2.22	5.8	3.64	< LOD	4.9	< LOD	2.9	< LOD	4.08	< LOD	6.07	68.32	7.02	< LOD	24.93	35.84	9.23	< LOD	26.62	112	57.37	21865.52	179.59	269.03
SFL2-1400	588170	5459980	212	23/12/2017 23:06	Soil	30.87	ppm	2	Final	< LOD	3.28	171.04	3.91	102.41	2.83	14.76	3.8	56.38	2.61	5.96	2.06	5.8	3.48	< LOD	5.02	< LOD	2.83	< LOD	3.84	< LOD	5.87	45.44	5.99	< LOD	24.25	19.66	8.26	< LOD	24.9	< LOD	63.35	12569.14	131.3	416.51
SFL2-1500	588196	5459884	213	23/12/2017 23:09	Soil	30.63	ppm	2	Final	< LOD	3.65	275.82	5.01	85.37	2.79	< LOD	6.38	105.91	3.53	6.46	2.33	< LOD	5.65	< LOD	5.64	< LOD	3.3	< LOD	4.19	< LOD	6.97	62.86	7.11	< LOD	28.28	< LOD	13.61	50.5	19.48	167.02	51.12	15733.31	156.17	295.42
SFL2-1600	588212	5459783	214	23/12/2017 23:11	Soil	30.7	ppm	2	Final	< LOD	3.35	225.88	4.47	140.55	3.31	< LOD	5.52	73.26	2.87	4.91	2.12	9.04	3.7	< LOD	5.08	< LOD	2.83	4.25	2.78	< LOD	6.07	88.67	7.46	< LOD	25.16	14.29	8.39	< LOD	26.05	111.92	52.16	18882.87	162.44	219.17
SFL2-1700	588241	5459682	215	23/12/2017 23:13	Soil	31.41	ppm	2	Final	< LOD	3.45	277.64	4.83	129.05	3.18	< LOD	5.81	81.81	3.02	4.76	2.1	< LOD	5.05	< LOD	4.98	< LOD	2.85	5.84	2.61	< LOD	6.51	117.62	8.32	< LOD	27.18	< LOD	12.58	< LOD	26.25	91.37	47.35	15415.3	147.36	1027.07
SFL2-1800	588256	5459576	216	23/12/2017 23:16	Soil	30.55	ppm	2	Final	4.24	2.39	304.16	5.07	99.83	2.89	< LOD	6.09	98.1	3.31	6.52	2.24	< LOD	5.31	< LOD	5.21	< LOD	2.92	< LOD	3.87	6.97	4.47	66.87	7	< LOD	26.69	28.53	9.18	< LOD	27.19	79.51	49	16087.54	152.72	247.73
SFL2-1900	588283	5459491	219	23/12/2017 23:20	Soil	30.7	ppm	2	Final	< LOD	3.47	282.27	4.86	115.49	3.04	< LOD	5.64	76.53	2.93	7.33	2.22	7.76	3.68	< LOD	5.22	< LOD	3	< LOD	4.05	< LOD	6.22	105.96	7.97	< LOD	25.58	< LOD	12.56	< LOD	26.24	112.46	49.29	16593.46	152.91	597.97
SFL2-2000	588311	5459390	220	23/12/2017 23:22	Soil	31.14	ppm	2	Final	< LOD	3.47	255.72	4.72	114.9	3.07	< LOD	5.65	75.93	2.95	5.34	2.18	10.62	3.87	< LOD	5.42	< LOD	3.16	< LOD	4.25	< LOD	6.45	80.74	7.36	< LOD	25.87	15.51	8.65	< LOD	26.61	109.96	52.41	18514.98	163.18	318.23
SFL2-2100	588330	5459291	221	23/12/2017 23:24	Soil	30.86	ppm	2	Final	< LOD	3.59	299.93	5.13	121.15	3.19	< LOD	5.69	69.94	2.9	8.51	2.37	17.65	4.24	< LOD	5.26	< LOD	3.08	7.13	3.23	< LOD	6.58	95.84	7.94	< LOD	26.94	20.37	8.97	< LOD	27.28	87	57.07	21794.91	179.55	775.89
SFL2-2200	588353	5459197	222	23/12/2017 23:27	Soil	31.07	ppm	2	Final	< LOD	3.1	182.8	3.91	115.41	2.9	< LOD	4.68	44.09	2.23	2.85	1.85	5.52	3.34	< LOD	4.69	< LOD	2.67	< LOD	3.63	< LOD	5.59	64.8	6.39	< LOD	22.79	< LOD	11.39	< LOD	24.2	125.43	43.68	13929.17	133.99	352.08
SFL2-2300	588378	5459099	223	23/12/2017 23:29	Soil	30.74	ppm	2	Final	< LOD	3.21	198.6	4.14	123.55	3.06	< LOD	4.65	41.36	2.21	4.02	1.93	< LOD	5.05	< LOD	4.9	< LOD	2.8	< LOD	3.75	< LOD	5.6	53.01	6.15	< LOD	23.33	13.72	8.01	29.07	16.81	74.83	43.43	13443.42	134.62	141.11
SFL2-2400	588411	5458999	224	23/12/2017 23:31	Soil	30.95	ppm	2	Final	< LOD	3.32	207.91	4.32	113.25	3.03	< LOD	5.59	78.95	2.97	4.26	2.16	24.02	4.4	< LOD	5.18	< LOD	2.92	< LOD	4.84	< LOD	6.17	76.64	7.16	< LOD	25.43	16.06	8.52	< LOD	26.62	110.48	51.65	18195.89	161.08	1028.68
SFL2-2500	588414	5458897	225	23/12/2017 23:33	Soil	30.65	ppm	2	Final	< LOD	3.36	215.03	4.38	138.59	3.29	< LOD	5.74	78.06	2.96	6.31	2.18	8.43	3.69	< LOD	5.19	< LOD	2.96	< LOD	4.09	< LOD	6.28	83.9	7.35	< LOD	25.85	15.59	8.54	< LOD	26.31	< LOD	73.85	17024.03	154.76	1162.11

Mn Error
48.42
41.85
50.04
50.46
46.57
44.71
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39.88
47.74
42.05
53.44
39.54
34.96
56.87
58.6

KTN

Kootenay Silver Inc
pXRF Soil Geochem

Sample ID Map

Date:25/2/2020
Author:
Office:
Drawing:

Scale: 1:10000 | Projection: UTM Zone 11 (NAD 83)

0 100 200 400
metres

N

587,000 mE | 587,500 mE | 588,000 mE | 588,500 mE | 589,000 mE | 589,500 mE | 590,000 mE | 590,500 m

5,461,500 mN | 5,461,000 mN | 5,460,500 mN | 5,460,000 mN | 5,459,500 mN | 5,459,000 mN | 5,458,500 mN | 5,458,000 mN | 5,457,500 mN | 5,457,000 mN

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$FL1-200
$FL1-150
$FL1-100
$FL1-50
$FL1-00

2,040

KTN

Kootenay Silver Inc
pXRF Soil Geochem

Date:25/2/2020
Author:
Office:
Drawing:
Scale: 1:10000 | Projection: UTM Zone 11 (NAD 83)

0 100 200 400
metres

pXRF Analysis
Pb in ppm
20.5 to 29.1 (10)
15.2 to 20.5 (11)
11.1 to 15.2 (14)
8 to 11.1 (12)
5.5 to 8 (13)

N

587,000 mE
587,500 mE
588,000 mE
588,500 mE
589,000 mE
589,500 mE
590,000 mE
590,500 m

5,461,500 mN
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5,457,000 mN

6.89
6.46
7.55
5.95
6.99
9.66
9.71
0
12.71
0
8.2
7.21
8.06
5.8
5.8
0
9.04
0
0
7.76
10.62
17.65
5.52
0
24.02
8.43
29.09
26.74
25.38
19.34
16.51
17.36
16.52
21.99
9.39
12.74
12.19
15.85
16.1
10
22.33
14.27
13.77
20.57
12.47
15.27
12.1
11.17
7.37
16.33
11.56
17.03
14.48
13.67
18.81
6.86
8.77
6.42
8.75
13.38
11.72
17.32
22.16
18.59
10.25
11.11

2,040

Silver Fox 2018 Geological Mapping Barkshanty Area

Date:	24/2/2020
Author:	
Office:	
Drawing:	
Scale:	1:5000
Projection:	UTM Zone 11 (NAD 83)

0 75 150 300 metres

Legend

- Gabbro
- Kitchener Fm
- C3 Transition (Lower Kitchener)
- Upper Creston-C3/Pc3
- Middle Creston-C2/Pc2
  - Quartzite dominated sequence
  - Siltite dominated sequence
- Lower Creston-C1/Pc1
  - Carbonate Marker (calcareous+biotite)
- Upper Aldridge-UA/Pa3
- Middle Aldridge-MU/Pa2
- Geological Contact (defined, approximate, assumed)
- Fault trend
- Mineralized Structure
- Anticline
- Syncline
- Bedding, inclined
- Bedding, vertical
- Bedding Horizontal
- Cleavage
- Vein

- 2018 Geology Station
- Float
- Cu Copper in outcrop/subcrops
- Pb Lead in outcrop/subcrops
- Road system
- Rivers and Streams
- Minor Contours
- Major Contours
- Parks
- Lakes

Lithologies:
Q=Quartzite
S = Siltstone
A = Argillite
Th.B = Thick bedded
m.b. = medium bedded
t.b. = thin bedded
rw = rusty weathering
bx = breccia
mag = magnetite
Qv = quartz vein
Qp1 to 4 = Quartzite Packages

Jake Fault?
Old Yeller Trend (Pb-Sb-Cu-Ag-Hg)
North Break Vein System (Pb-Zn-Ag-Cu)
Society Girl (Pb-Zn-Ag-Cu)
St. Eugene/Society Girl System (Pb-Zn-Ag-Cu)
KRL 10-16
KRL 120-13-14
KRL 16-12
KRL 22-10-14
Basal C2
Middle Siltite
Lower Middle Creston
Quartzite Composite
No Outcrop
Proposed drill hole

Kootenay Silver Inc.

	Silver Fox 2018 Geological Mapping Silver Pipe Area
Date:24/2/2020	
Author:	
Office:	
Drawing:	
Scale: 1:5000	Projection: UTM Zone 11 (NAD 83)

0 75 150 300 metres

Legend

- Gabbro
- Kitchener Fm
- C3 Transition (Lower Kitchener)
- Upper Creston-C3/Pc3
- Middle Creston-C2/Pc2
- Quartzite dominated sequence
- Siltite dominated sequence
- Lower Creston-C1/Pc1
- Carbonate Marker (calcareous+biotite)
- Upper Aldridge-UA/Pa3
- Middle Aldridge-MU/Pa2
- Geological Contact (defined, approximate, assumed)
- Fault trend
- Mineralized Structure
- Anticline
- Syncline
- Bedding, inclined
- Bedding, vertical
- Bedding Horizontal
- Cleavage
- Vein
- 2018 Geology Station
- Float
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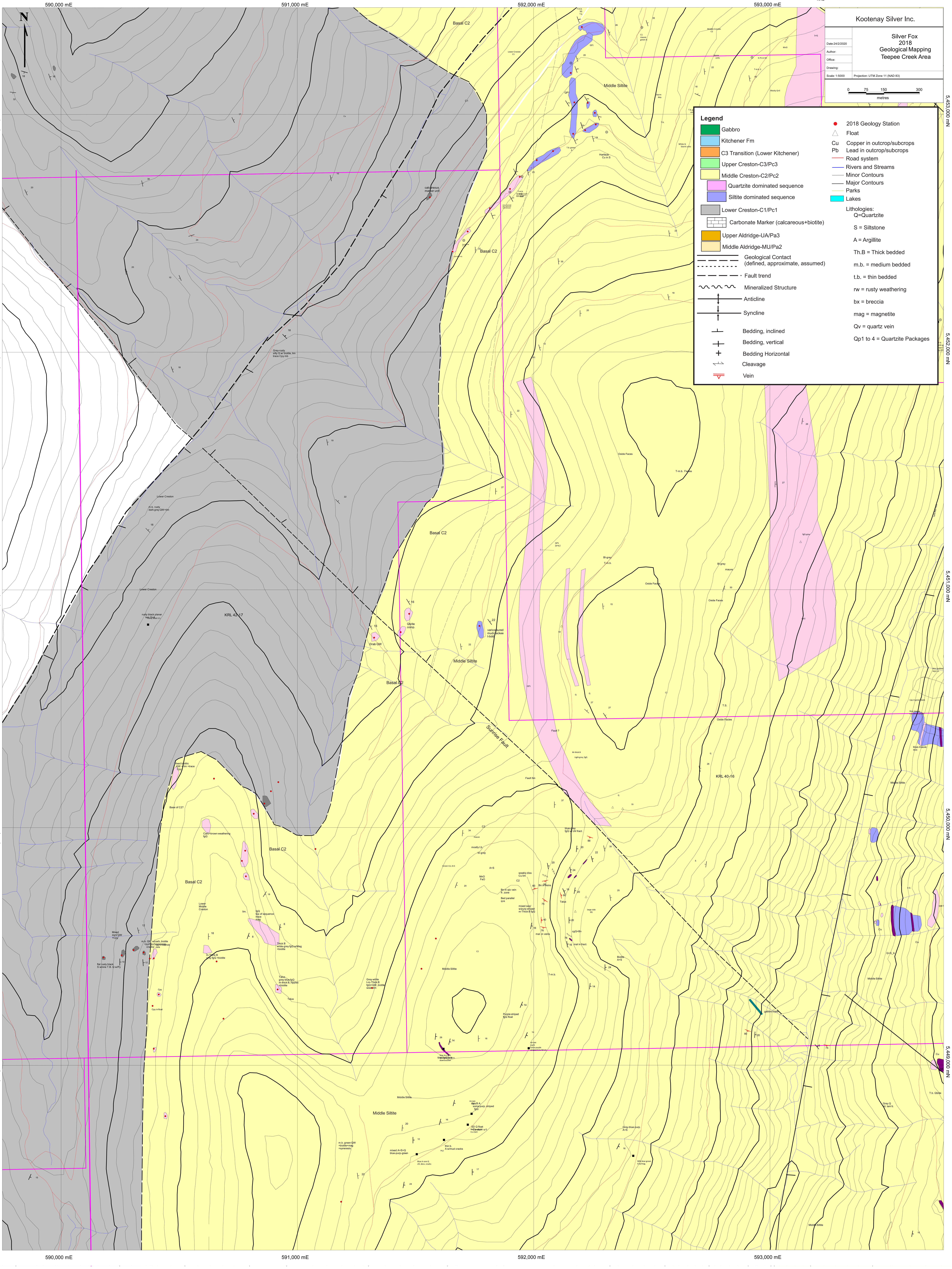
588,000 mE 589,000 mE 590,000 mE 591,000 mE 592,000 mE

5,458,000 mN 5,457,000 mN 5,456,000 mN 5,455,000 mN 5,454,000 mN 5,453,000 mN


Kootenay Silver Inc.
Silver Fox
2018
Geological Mapping
Teepee Creek Area
Date:24/2/2020
Author:
Office:
Drawing:
Scale: 1:5000
Projection: UTM Zone 11 (NAD 83)
0 75 150 300
metres
Legend
Gabbro
Kitchener Fm
C3 Transition (Lower Kitchener)
Upper Creston-C3/Pc3
Middle Creston-C2/Pc2
Quartzite dominated sequence
Siltite dominated sequence
Lower Creston-C1/Pc1
Carbonate Marker (calcareous+biotite)
Upper Aldridge-UA/Pa3
Middle Aldridge-MU/Pa2
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bx = breccia
mag = magnetite
Qv = quartz vein
Qp1 to 4 = Quartzite Packages
590,000 mE
591,000 mE
592,000 mE
593,000 mE
5,453,000 mN
5,452,000 mN
5,451,000 mN
5,450,000 mN
5,449,000 mN
N
KRL
Basal C2
Middle Siltite
Lower Creston
C1
calcareous marker unit
Grey-rusty silty Q w/ biotite, lim trace Cpy mb
m.b. rusty dark grey QW+lim
rusty black planar lam S+A
KRL 42-17
KRL 40-16
Sunrise Fault
Qtzite comp.
Drab QW
varicoloured mudcrackee t-bdd
Oxide Faces
T-m.b. Faces
Oxide Facies
Bl-grey
T-m.b.
mauve
QP1
QP2
Fault ?
Fault 5m
M-thick B
Light grey, fgQ
T.S.
Hartlaub Cu in S
Storm units
White Q Storm units
Mixed biotitic QW + lim +trace Cpy
Base of C2?
Carb+brown weathering fgQ
Lower Middle Creston
fgQ top of sequence trace mag
Thick B white-grey fgQ w/Mag +biotite
m-Thick B grey fgQ +biotite
Talus grey-blue fgQ m-thick B, ripples +biotite
Talus
Grey-white t-m-Thick B fgQ+QW, biotite weak lim
Mixed dark QW +Cpy
m.b. QW w/carb, biotite +py/Cpy+syneresis cracks
flat rusty black S w/one T.B. Q w/Py
Cpy
Cpy in float
m.b. green QW +biotite+mag +syneresis
mixed A+S+Q blue-purp-green
thin b. A w/mud cracks
Blue A rare Q chl. dess. cracks
SD Q float +Cu stain
some purp. striped fgQ
blue-grey fgQ w/ chl fract.
mostly t.b.
bl-grey
A+S
MnO FeO
weakly diss Cu lim
Bn in qtz vein fr. zone
Bed parallel qvs
Bn in veins
mixed seq/ w/purp striped m-Thick B fgQ
mal. in veins
cgQ+Bn
mal in fract.
large slab SQ
Biotite A+S
Purple striped fgQ float
Grey-blue-purp. A+S
90% blue-green A w/mag.
gabbro dyke
blue-mauve m/c
Cu
Q+S_A
Grey Q int. lam'd.
T.b. Qtzite