

GEOCHEMICAL REPORT

YMIP # 10-157

Stewart South Regional

2010 Soil Program

**NTS Map Sheet #:
115J/15 & 16**

LAT: 62° 55' 0N

LONG: 138° 30' W

DAWSON MINING DISTRICT

AUTHOR OF REPORT SHAWN RYAN

WORK PERFORMED 27, 28, 29 August, 2010

DATE OF REPORT JAN 27, 2011

TABLE OF CONTENTS

SUMMARY	P.3
1.0 INTRODUCTION	P.3
2.0 LOCATIONS AND ACCESS	P.3
3.0 PHYSIOGRAPHY	P.3
Figure 1: Locator Map	P.4
Figure 2: YGS Regional Geology Map:	P.5
4.0 REGIONAL GEOLOGY	P.5
4.1 REGIONAL AND PROPERTY GEOLOGY	P.7
5.0 WORK PROGRAM / METHODS	P.7
5.1 SOIL WORK	P.7
6.0 INTERPRETATION: Soil Geochemistry	P.8
7.0 RECOMMENDATION	P.8
8.0 REFERENCES CITED	P.8
9.0 COST	P.9
10.0 QUALIFICATION	P.10
Insert A. Gold Anomaly Map	Figure 3
Insert A. Arsenic Anomaly Map	Figure 4
Insert A. Antimony Anomaly Map	Figure 5
Insert B. Gold Anomaly Map	Figure 6
Insert B. Arsenic Anomaly Map	Figure 7
Insert B. Antimony Anomaly Map	Figure 8
Insert C. Gold Anomaly Map	Figure 9
Insert C. Arsenic Anomaly Map	Figure 10
Insert C. Antimony Anomaly Map	Figure 11
Assay Data+ GPS data	Appendix

SUMMARY

A regional soil sample survey was undertaken on 27, 28, 29 August, 2010 by Kyle Duhamel, Jeremiah Johnson, Pascal McBurney, Rory Rennie, Tim Rennie, Will White, John Butler, Connor Pacquette, Aaron Woroniuk, and Dan Murray. All personnel were employees of Ground Truth Exploration Inc. A total of 429 soils were collect from the propertyThe samples were collected with a crew based out of Ground Truth Exploration Inc.'s camp at Thistle creek. 12 field man days were required to collect these samples.

1.0 INTRODUCTION

The 2010 STEWART SOUTH Regional field campaign consisted of a three day sampling program. Four potential gold targets were explored by collecting 429 soil samples in a series of 12 reconnaissance (recy) traverses along ridges and spurs within the STEWART SOUTH Regional area. Samples were taken in 100 meter increments.

2.0 LOCATIONS AND ACCESS

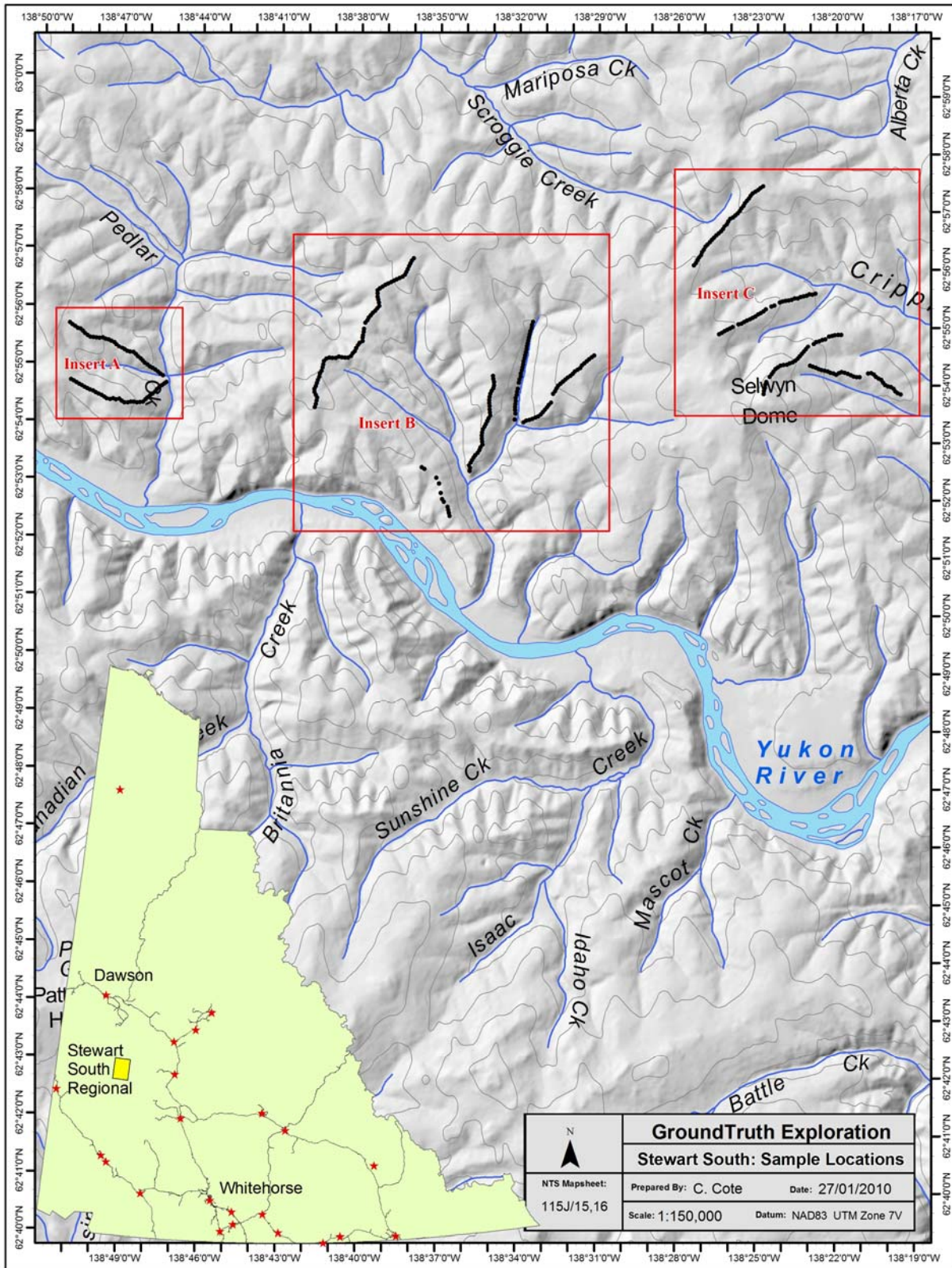
The STEWART SOUTH Region is located in the Dawson mining district, north of the Yukon River, in the Pedlar and Cripple Creek area, (Figure 1). The region is in UTM Zones 7V, occupying NTS map sheets 115J/15 & 16.

Access was attained via helicopter from Thistle Creek Camp.

3.0 PHYSIOGRAPHY

The samples were taken between the elevations of 600 and 1400 meters within Canada's discontinuous permafrost zone. The region is characteristic of the northern Boreal Forest: Black Spruce and sphagnum moss on north facing slopes, poplar and grassy undergrowth on south facing slopes, with Birch and White Spruce forests occupying the remaining hillsides. There is little alpine tundra in this region. North facing slopes and alpine regions are generally boggy and underlain by permafrost.

Figure 1: Locator map of 2010 STEWART SOUTH regional soil program



4.0 REGIONAL GEOLOGY

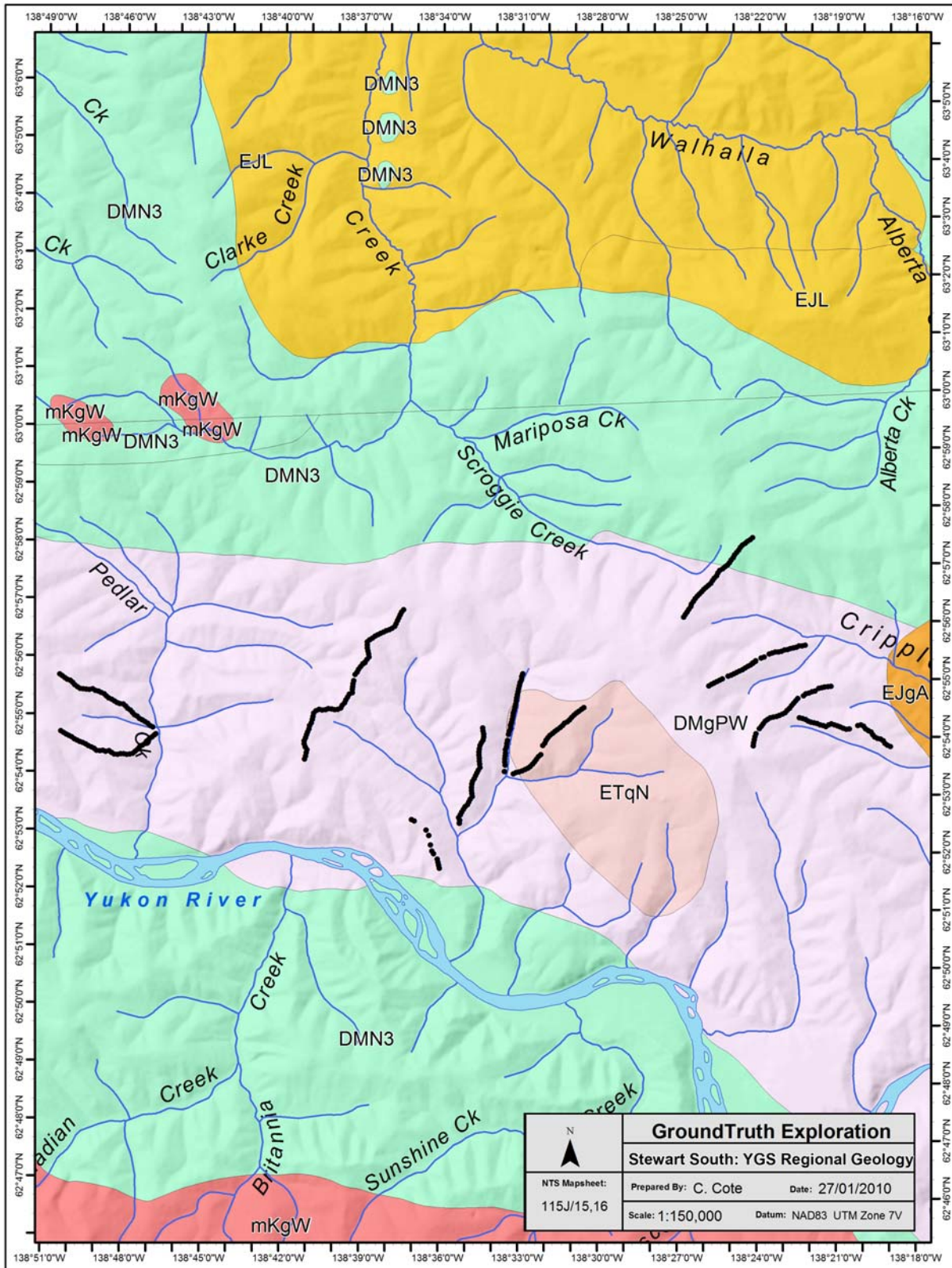


Figure 2: Regional Geology

Legend for YGS Regional Geology (figure 2):

EARLY TERTIARY



ETN: NISLING RANGE SUITE

medium to coarse grained equigranular to porphyritic rocks of intermediate composition (g), fine to coarse grained, equigranular and porphyritic granitic rocks of felsic composition (q) and felsic dyke rocks (f)

- q. leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite (**Nisling Range Suite, Nisling Range Alaskite, Coffee Creek Granite, Annie Ned Granite**)

DEVONIAN, MISSISSIPPIAN AND OLDER



DMN: NASINA

graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and (6) with interspersed marble (2) and probable correlative successions (7) - (9)

- 3. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage

LATE DEVONIAN TO MISSISSIPPIAN



DMPW: PELLY GNEISS SUITE - SOUTHWEST

variably deformed granitic rocks of predominantly felsic (q) to intermediate composition (g) southwest of Tintina Fault

- q. foliated equigranular medium-grained muscovite quartz monzonite; moderately to strongly foliated K-feldspar augen-bearing quartz monzonitic to granitic gneiss (**S. Fiftymile Batholith, Mt. Burnham Orthogneiss,**)
- g. foliated medium grained, homogeneous biotite granite gneiss to biotite or hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite (**Selwyn Gneiss, Pelly Gneiss, N. Fiftymile Batholith, Moose Creek Orthogneiss**)

4.1 REGIONAL AND PROPERTY GEOLOGY

According to the YTG Regional Geology Map (YGS. 2011), the samples taken in the STEWART SOUTH Regional soil program are primarily underlain by the Late Devonian to Mississippian Pelly Gneiss Suite (DMgPW) (figure 2). This is characterized by variably deformed granitic rocks of predominantly felsic to intermediate composition, specifically: foliated medium grained, homogeneous biotite granite gneiss to biotite or hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite.

Insert A is completely within the Pelly Gneiss Suite.

Insert B is primarily within the Pelly Gneiss Suite, but the eastern two traverses pass into the Early Tertiary Nisling Range Suite. This is characterized by medium to coarse grained equigranular to porphyritic rocks of intermediate composition and felsic dyke rocks composed of: leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite.

The traverses in **Insert C** are underlain by the DMgPW Suite, except the northern portion of the northernmost traverse, which passes into the Nasina Assemblage (DMN3). A graphitic quartzite and muscovite quartz-rich schist dating to the Devonian, Mississippian or older. It is composed of quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage.

5.0 WORK PROGRAM / METHODS

A total of 429 soils were collected on the STEWART SOUTH soil program. 12 field man days were required to collect these samples.

Ten employees of Ground Truth Exploration Inc. took soil samples from the various traverses with transportation to and from the traverses provided by helicopter support.

5.1 SOIL WORK

All soil samples are taken with one meter soil augers or a prospector pick where more rocky terrain is encountered. Soil samples are gathered from an average depth of 70 centimeters. Soil sample locations are marked in the field with pink flagging and aluminum tags. The sample number is inscribed on the aluminum tag and tied to a tree or shrub at shoulder height above sample site.

The sample number is recorded with a Garmin Map76Cx GPS in UTM NAD 83.

Sample description such as color, depth, slope, sample quality, ground vegetation, tree cover and GPS coordinates (backup) are recorded in a Palm PDA data recorder for further evaluation of soil samples.

A total of 400-500 grams of soil is collected and placed in well marked Kraft soil bag for every sample. If this is not possible, the sample is marked as a “small sample”, although enough soil is still taken for a proper assay to be performed.

The GPS and PDA are downloaded every night and stored in the crew chiefs official company computer. A second backup copy of the data is transferred to a memory stick and the memory stick is relocated to a secondary tent (in case of fire).

All samples are brought back to Dawson City and air dried, repacked in rice bags, and sent to the Acme prep Lab in Whitehorse, YT.

Samples are process with Aqua Regia ICP-MS for 36 elements (Acme Labs 1DX-15 gram).

6.0 INTERPRETATION: SOIL GEOCHEMISTRY

Although there are no sample results which assayed more than 20 ppb in Gold. There are some anomalous values and interesting correlations within the study area.

The samples in **Insert A** show weak positive correlation between Gold and Arsenic and Antimony (Figs. 3, 4, 5).

The samples in **Insert B** show strong positive correlation between Arsenic and Antimony, and weak positive correlation between Gold and Antimony or Arsenic (Figs 6, 7, 8).

The samples in Insert C show positive correlation between Gold, Arsenic and Antimony (figs 9, 10, 11).

7.0 RECOMMENDATION

I would recommend doing some more recy traverses along ridges, spurs and creeks in the area, as well as putting localized grids around the anomalous gold values. Due to the relatively good positive correlation between arsenic and antimony, a detailed silt survey of the surrounding creeks up to 3rd order streams could prove a useful tool to determine where to focus future soil sampling.

8.0 REFERENCES CITED

Yukon Geological Survey: Bedrock Geology (ESRI Lyr file). (1/21/2011)
www.geomaticsyukon.ca/other_data.html#Mining. Department of Energy, Mines and Resources. Accessed Jan 23, 2011.

9.0 COST

Sample Costs: 429 samples (invoice # RW 2010-17) Includes: Wages for 12 man days, equipment rental, transportation, job planning, GIS work, data processing, supplies, and camp costs.	\$8,628.85
Assay/Shipping: 429 samples @ \$17/sample	\$7,293.00
Helicopter: 8.5 hours at \$1854.27/h (including Fuel)	\$15,761.30
Report Writing	\$500.00
Total	<u>\$32,813.15</u>

10.0 QUALIFICATION

I Shawn Ryan located in Dawson City, Yukon work as a professional prospector. I run a small exploration company located in Dawson city.

I have worked in the exploration business for the last 25 years. I worked the first 12 years as a contractor working on numerous projects in the NWT, Ontario, Quebec and the Yukon. I have worked for the last 8 years as a local prospector for myself.

I have being trained to run various geophysical instruments and surveys such as magnetic surveys, max-min surveys, induce polarity surveys and Vlf surveys.

I have overseen the STEWART SOUTH Regional soil Survey.

Dated this 30th of January, 2011, in Whitehorse, Yukon.

Respectfully submitted

Shawn Ryan

Figure 3: Insert A. Gold Anomaly Map:

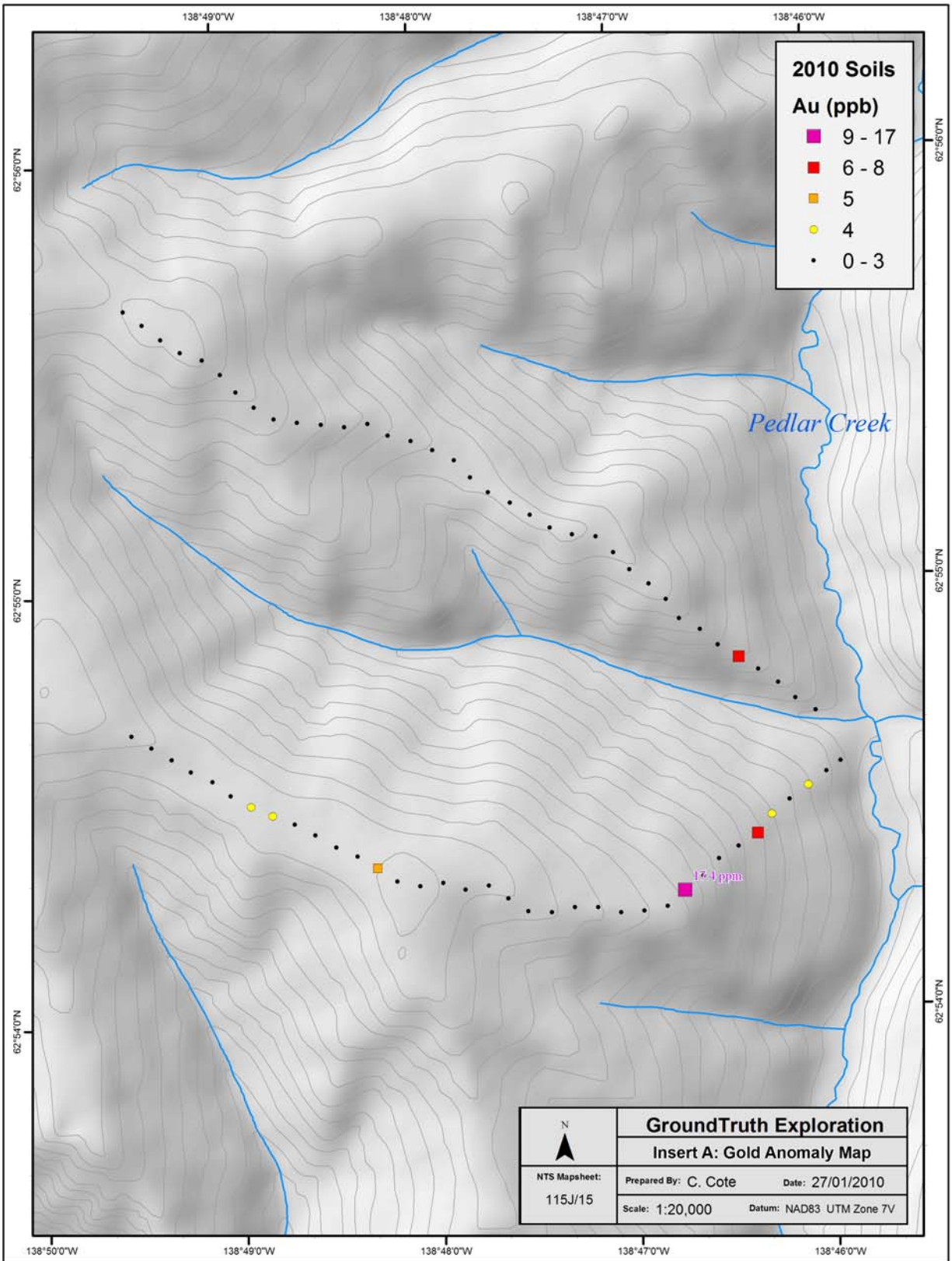


Figure 4: Insert A. Arsenic Anomaly Map:

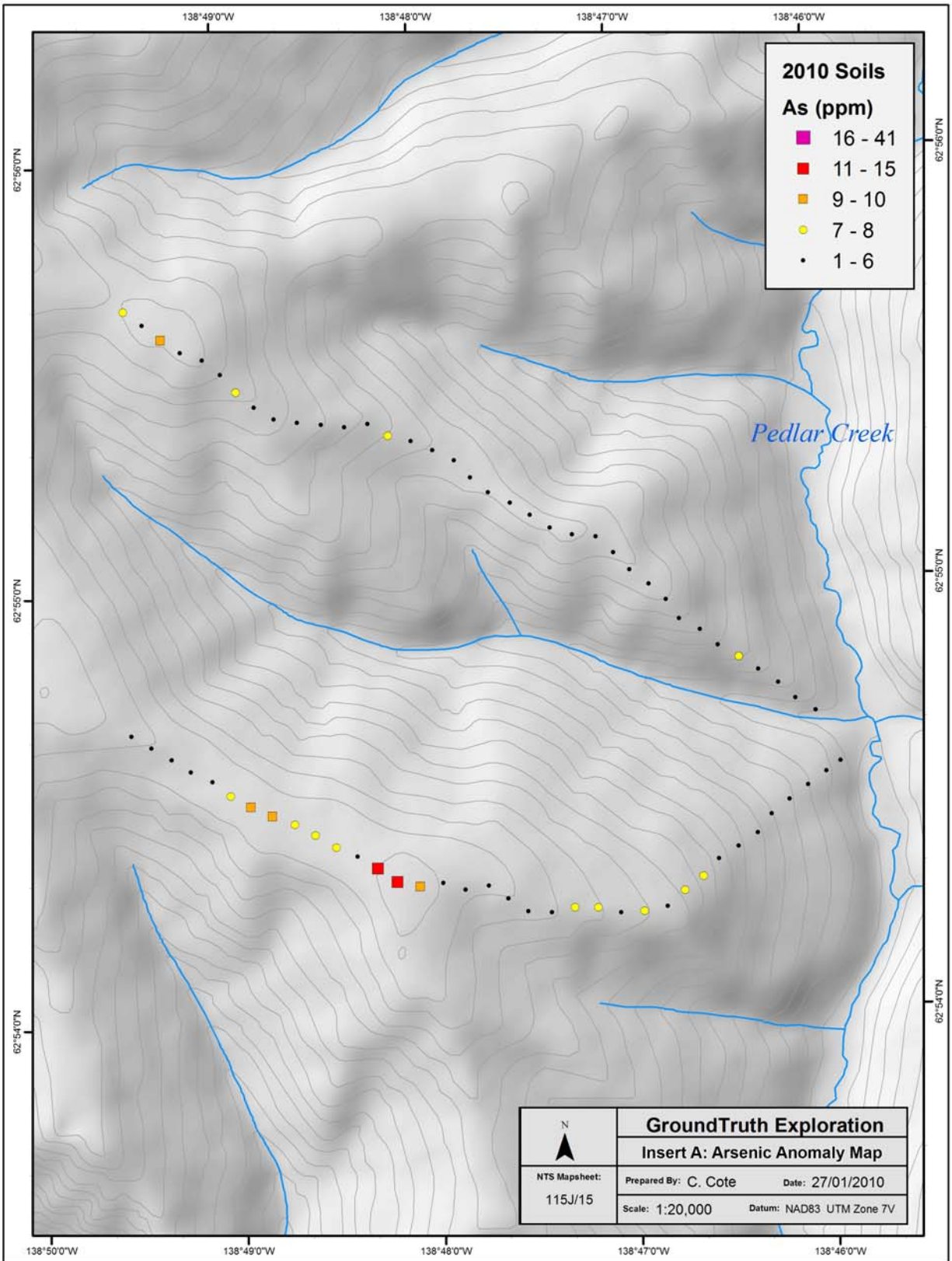


Figure 5: Insert A. Antimony Anomaly Map:

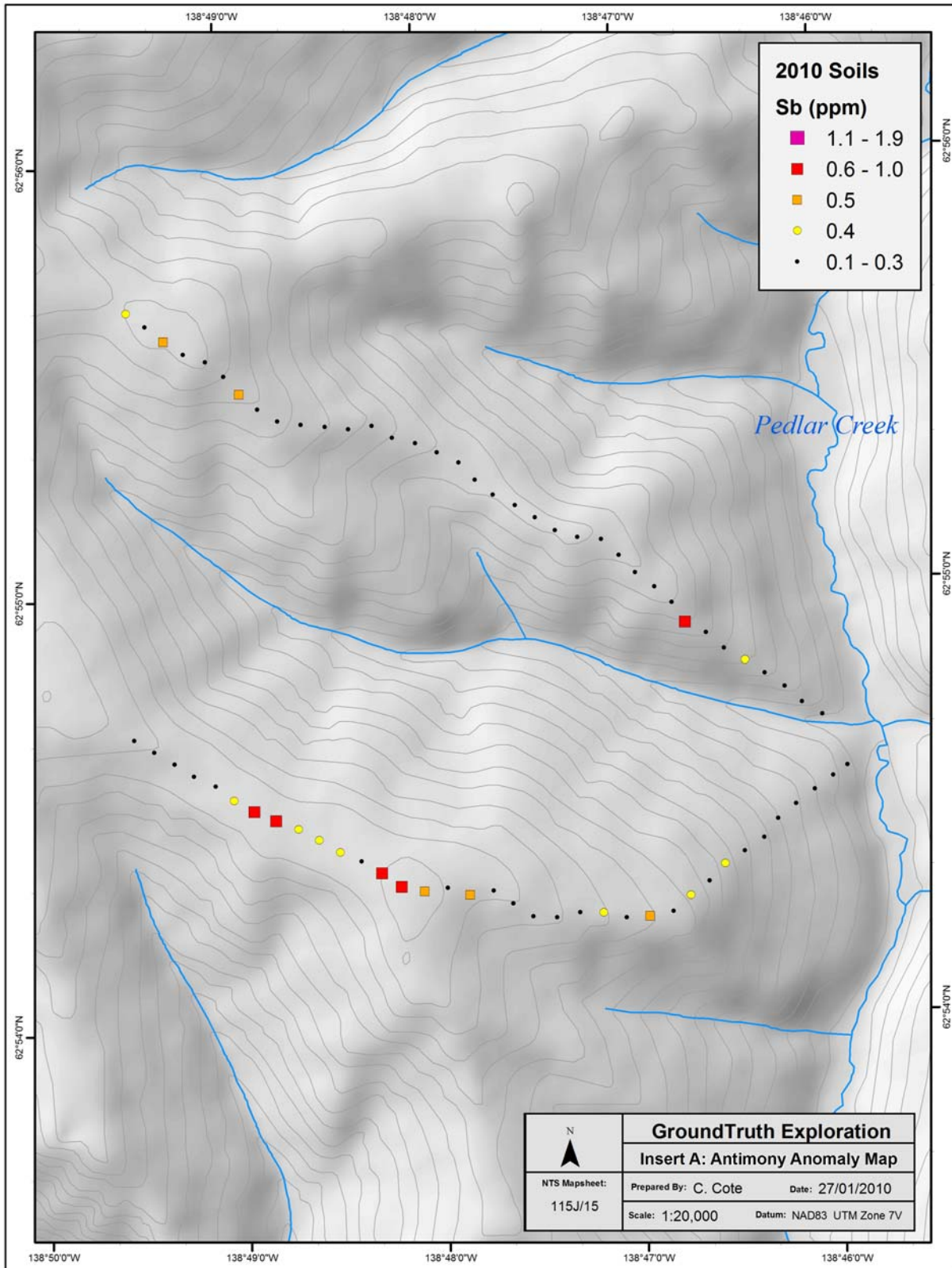


Figure 6: Insert B. Gold Anomaly Map

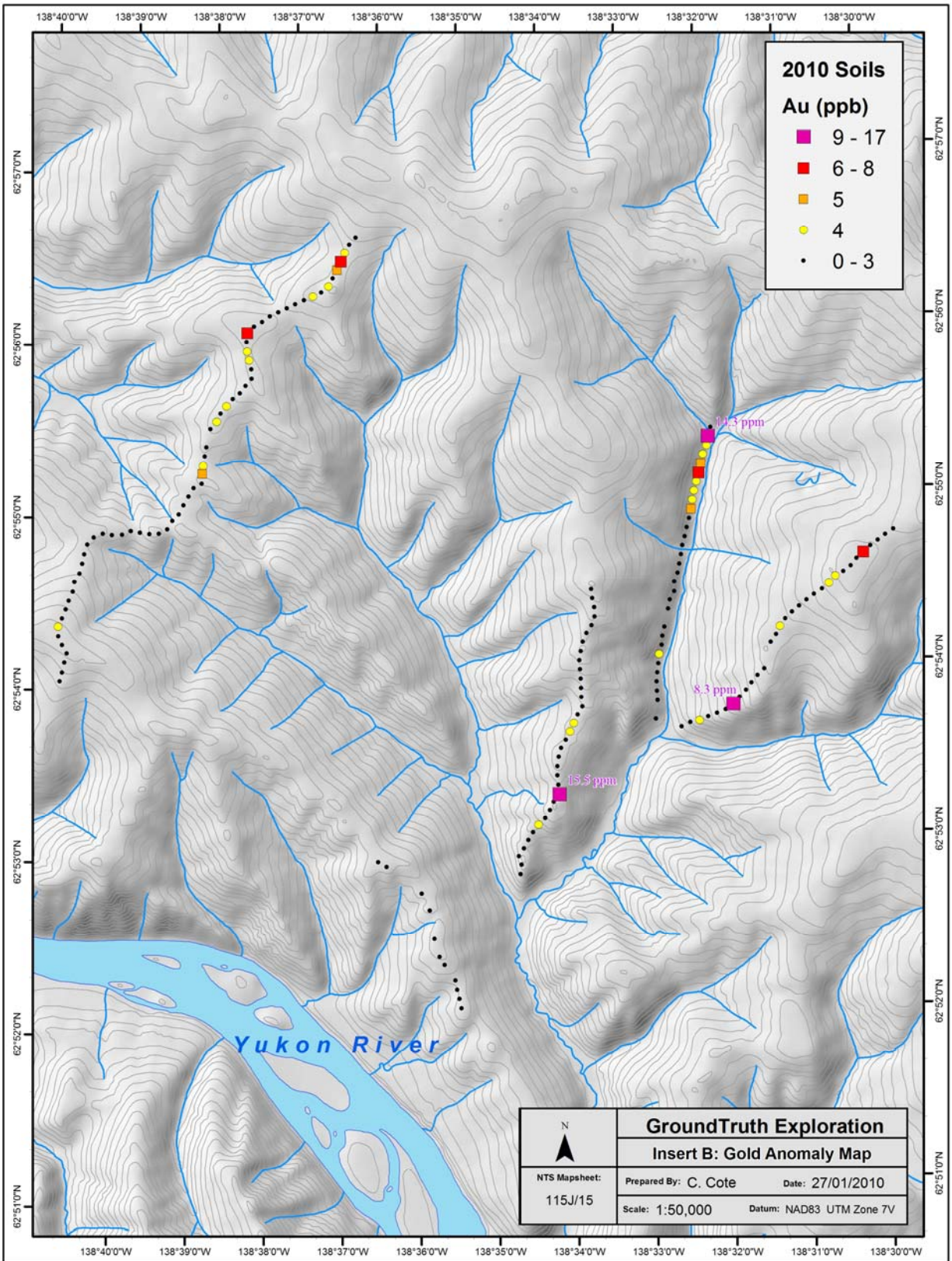


Figure 7: Insert B. Arsenic Anomaly Map:

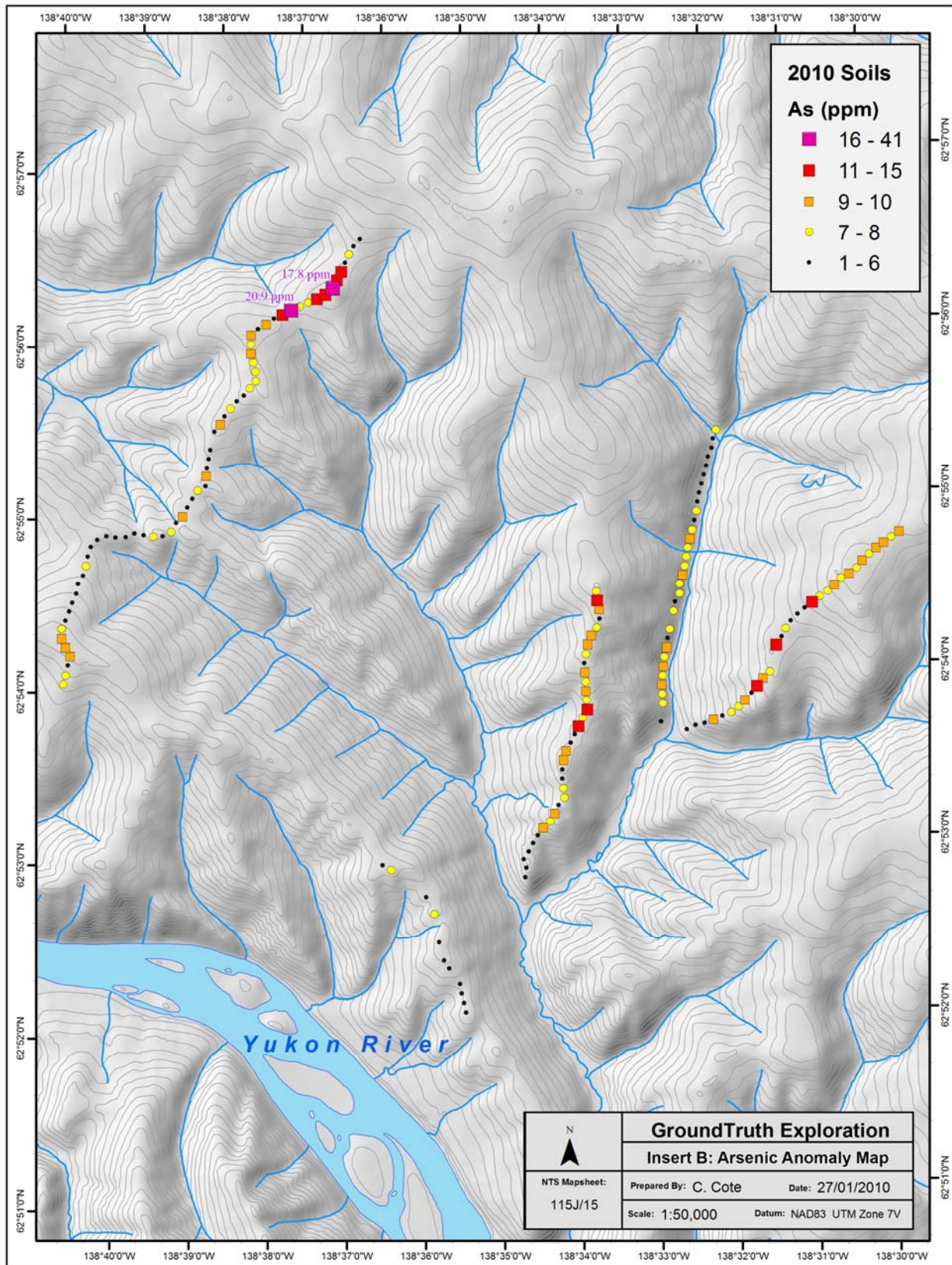


Figure 8: Insert B. Antimony Anomaly Map:

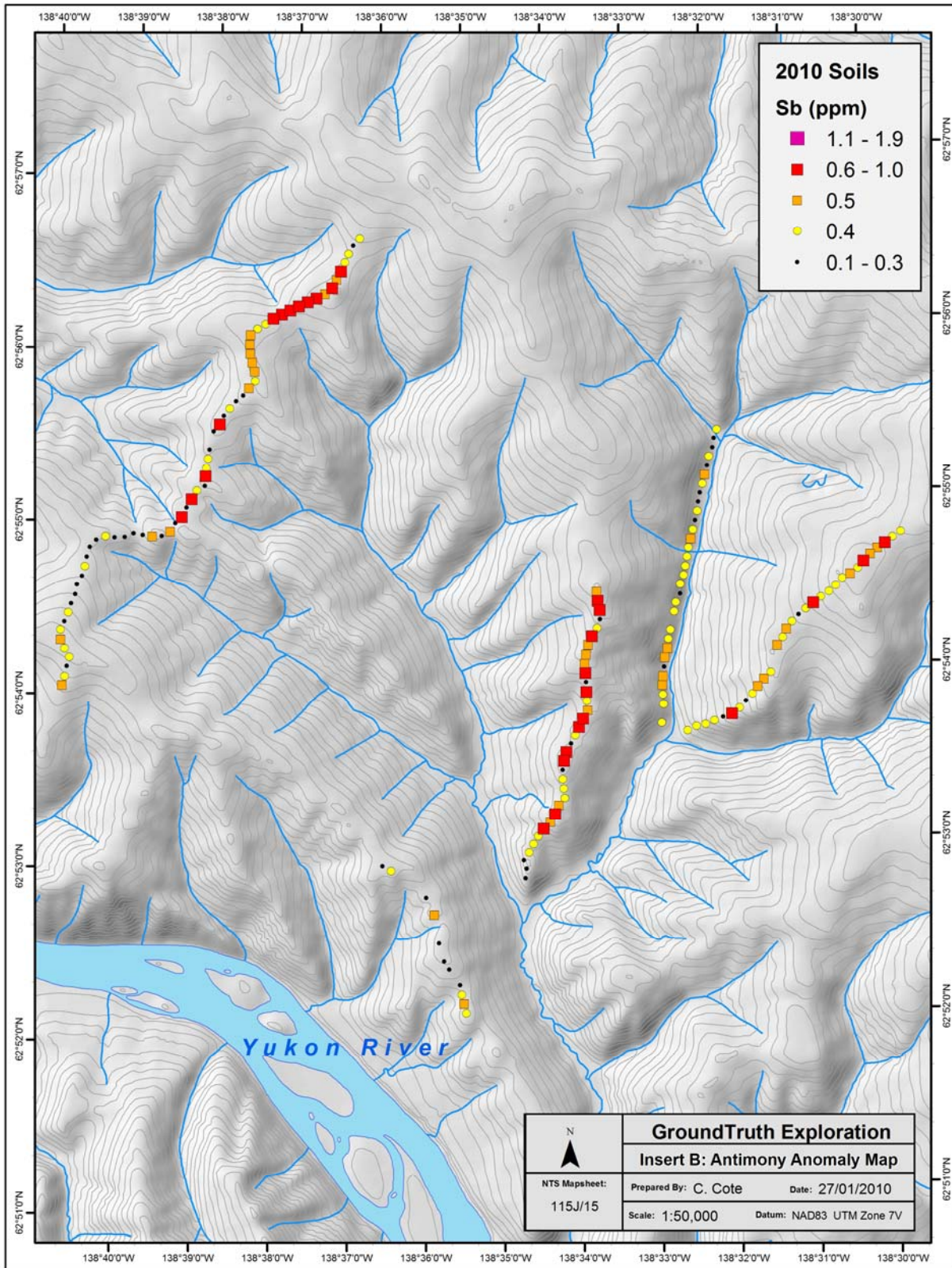


Figure 9: Insert C. Gold Anomaly Map:

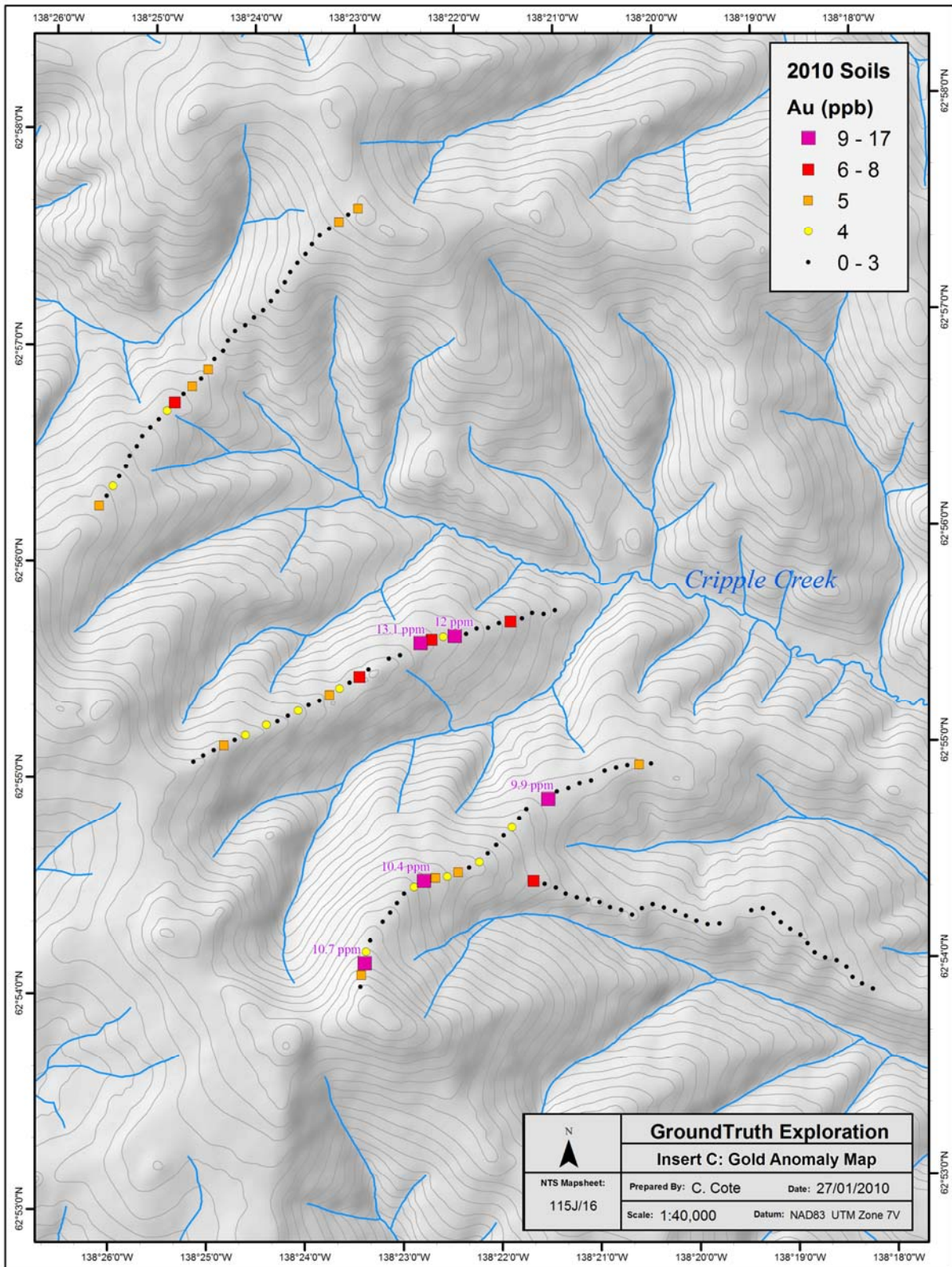


Figure 10: Insert C. Arsenic Anomaly Map:

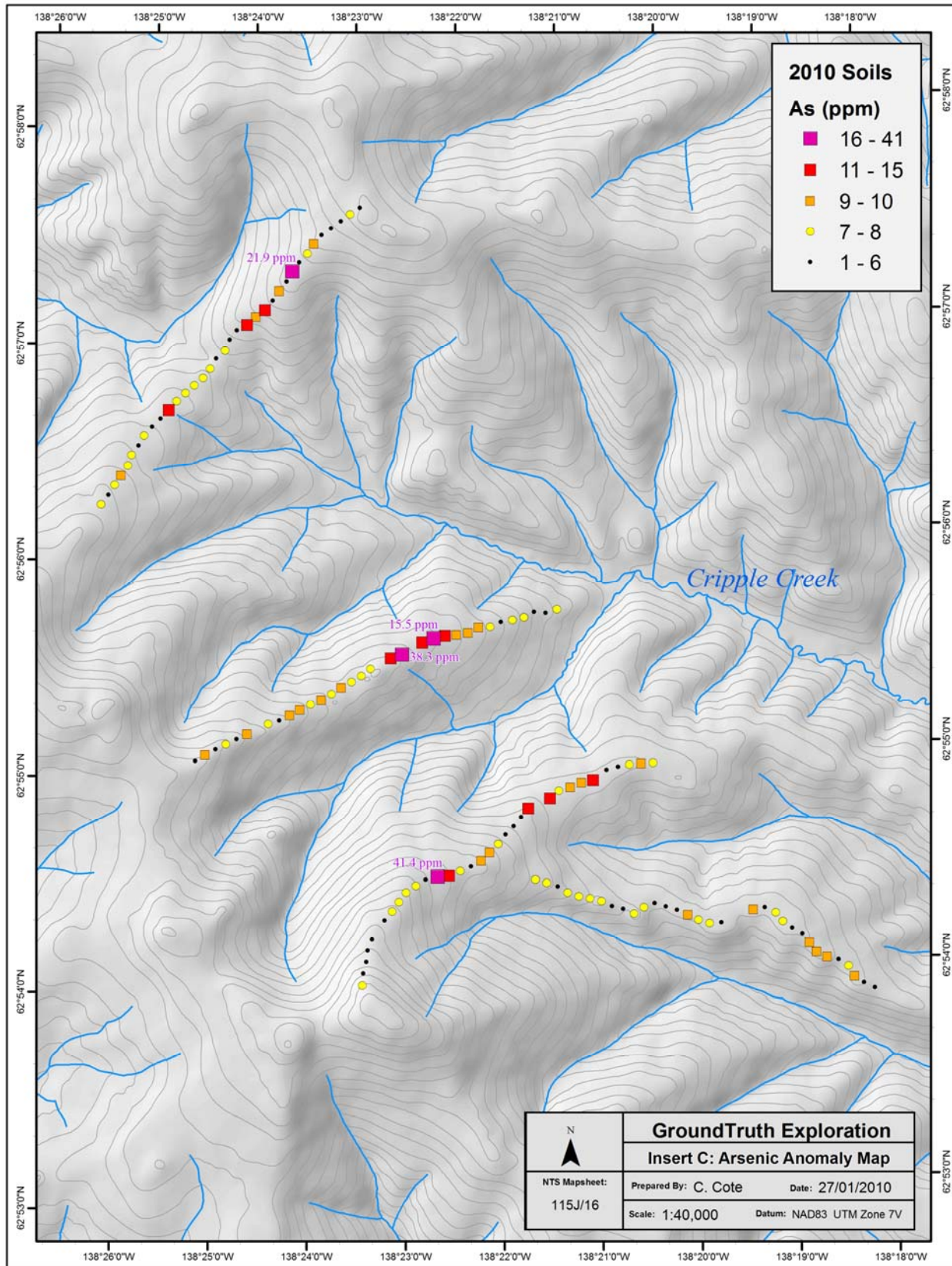
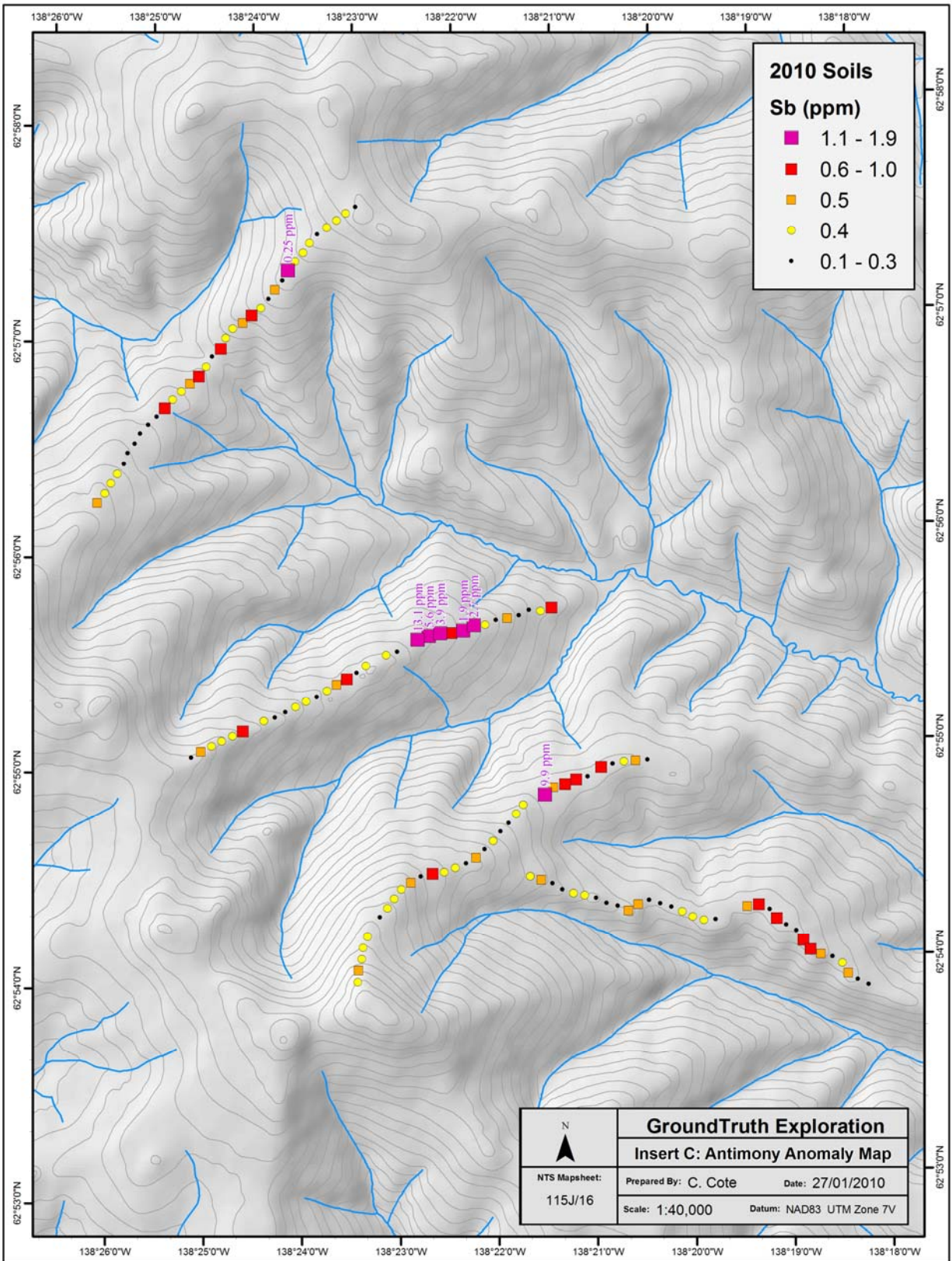


Figure 11: Insert C. Antimony Anomaly Map:



Appendix: Soil Sample Location/Analytical Results

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS133463	610477	6977571	07V	UTM, NAD 83	1DX-15	1.1	31.8	7.1	131	0.05
STS133464	610563	6977520	07V	UTM, NAD 83	1DX-15	1.7	30	8.1	148	0.1
STS133465	610650	6977470	07V	UTM, NAD 83	1DX-15	1.3	47.5	10.5	247	0.05
STS133465	610650	6977470	07V	UTM, NAD 83	1DX-15	1.2	48.6	10.6	252	0.05
STS133466	610733	6977417	07V	UTM, NAD 83	1DX-15	1.2	43.8	8.4	183	0.05
STS133467	610825	6977376	07V	UTM, NAD 83	1DX-15	0.6	48.1	4.6	100	0.05
STS133468	610904	6977315	07V	UTM, NAD 83	1DX-15	0.7	13.7	9.2	36	0.05
STS133469	610991	6977268	07V	UTM, NAD 83	1DX-15	0.8	32.2	12.2	67	0.1
STS133470	611084	6977229	07V	UTM, NAD 83	1DX-15	0.9	26.5	9.4	58	0.1
STS133471	611180	6977193	07V	UTM, NAD 83	1DX-15	0.7	20.5	19.7	68	0.05
STS133472	611269	6977146	07V	UTM, NAD 83	1DX-15	0.7	27.6	14.1	67	0.05
STS133473	611358	6977094	07V	UTM, NAD 83	1DX-15	0.8	31.7	9.5	63	0.05
STS133474	611450	6977054	07V	UTM, NAD 83	1DX-15	0.9	14.3	17.6	64	0.05
STS133475	611537	6977005	07V	UTM, NAD 83	1DX-15	1.1	25.6	10.7	47	0.05
STS133476	611621	6976947	07V	UTM, NAD 83	1DX-15	1.2	18.8	15.8	82	0.05
STS133478	611819	6976941	07V	UTM, NAD 83	1DX-15	0.6	25.6	8.2	99	0.05
STS133479	611915	6976913	07V	UTM, NAD 83	1DX-15	0.8	10.1	8.2	64	0.05
STS133480	612014	6976930	07V	UTM, NAD 83	1DX-15	0.5	23.9	4	71	0.05
STS133481	612099	6976874	07V	UTM, NAD 83	1DX-15	0.3	29.1	3.8	36	0.05
STS133481	612099	6976874	07V	UTM, NAD 83	1DX-15	0.3	30.3	3.7	38	0.05
STS133483	612286	6976815	07V	UTM, NAD 83	1DX-15	0.8	26.5	6.5	103	0.05
STS133484	612384	6976837	07V	UTM, NAD 83	1DX-15	0.6	17.6	7	52	0.05
STS133485	612485	6976837	07V	UTM, NAD 83	1DX-15	1.1	15.3	9.2	50	0.05
STS133486	612584	6976815	07V	UTM, NAD 83	1DX-15	0.8	20.3	5.4	89	0.05
STS133487	612684	6976822	07V	UTM, NAD 83	1DX-15	1	17.5	7.9	47	0.05
STS133488	612784	6976842	07V	UTM, NAD 83	1DX-15	1	10.6	6.9	39	0.05
STS133489	612858	6976912	07V	UTM, NAD 83	1DX-15	1.1	14	10.1	46	0.1
STS133490	612937	6976974	07V	UTM, NAD 83	1DX-15	1.2	12.2	8.3	49	0.1
STS133491	613004	6977049	07V	UTM, NAD 83	1DX-15	1.1	14	6.9	52	0.1
STS133492	613089	6977102	07V	UTM, NAD 83	1DX-15	0.8	18.4	7.3	58	0.05
STS133493	613172	6977161	07V	UTM, NAD 83	1DX-15	0.8	8.6	5.1	69	0.05
STS133494	613231	6977242	07V	UTM, NAD 83	1DX-15	0.8	28.3	7.6	78	0.05
STS133495	613308	6977306	07V	UTM, NAD 83	1DX-15	0.9	20.3	7.4	77	0.05
STS133496	613308	6977306	07V	UTM, NAD 83	1DX-15	0.8	22.7	8.2	75	0.05
STS133499	613527	6977473	07V	UTM, NAD 83	1DX-15	0.6	28.7	5.7	115	0.05
STS138536	625605	6976498	07V	UTM, NAD 83	1DX-15	1.1	17.7	20.6	56	0.1
STS138536	625605	6976498	07V	UTM, NAD 83	1DX-15	1	16.6	21	55	0.1
STS138540	625362	6976322	07V	UTM, NAD 83	1DX-15	0.7	11	21.9	34	0.05
STS138542	625173	6976247	07V	UTM, NAD 83	1DX-15	1	9.8	27.9	75	0.05
STS138543	625074	6976223	07V	UTM, NAD 83	1DX-15	0.9	10.2	34.1	80	0.05
STS138602	624007	6977661	07V	UTM, NAD 83	1DX-15	0.6	27	19.8	54	0.05
STS138603	624019	6977562	07V	UTM, NAD 83	1DX-15	1.1	15.7	15.1	55	0.05
STS138605	624043	6977364	07V	UTM, NAD 83	1DX-15	0.5	9	20.4	42	0.05
STS138608	623918	6977090	07V	UTM, NAD 83	1DX-15	1.3	12.3	27.8	62	0.05
STS138613	623900	6976591	07V	UTM, NAD 83	1DX-15	0.9	22.8	18.3	56	0.05
STS138617	623819	6976213	07V	UTM, NAD 83	1DX-15	1	20.4	17.5	46	0.05
STS138618	623780	6976121	07V	UTM, NAD 83	1DX-15	1	9.3	17.9	53	0.05
STS138619	623736	6976032	07V	UTM, NAD 83	1DX-15	0.5	11	31.4	39	0.05
STS138622	623645	6975750	07V	UTM, NAD 83	1DX-15	0.6	4.5	20.8	30	0.05
STS138623	623646	6975650	07V	UTM, NAD 83	1DX-15	0.9	8.1	20.2	60	0.05
STS138624	623657	6975549	07V	UTM, NAD 83	1DX-15	1	13.5	25.4	51	0.05
STS138625	623666	6975449	07V	UTM, NAD 83	1DX-15	0.7	9.2	23.5	53	0.05
STS138626	623666	6975449	07V	UTM, NAD 83	1DX-15	0.6	8.2	25	50	0.05
STS138627	623605	6975368	07V	UTM, NAD 83	1DX-15	0.6	16.2	29.9	46	0.05
STS138628	623565	6975276	07V	UTM, NAD 83	1DX-15	0.8	16.9	14.8	52	0.05

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS138629	623513	6975191	07V	UTM, NAD 83	1DX-15	0.8	12.2	16.1	64	0.05
STS138630	623440	6975122	07V	UTM, NAD 83	1DX-15	0.7	20.1	14.4	51	0.05
STS138631	623440	6975122	07V	UTM, NAD 83	1DX-15	0.8	19.8	15.7	54	0.05
STS138632	623384	6975039	07V	UTM, NAD 83	1DX-15	0.6	12.1	16.8	53	0.05
STS138633	623331	6974953	07V	UTM, NAD 83	1DX-15	0.8	9.4	17.2	51	0.05
STS138634	623285	6974864	07V	UTM, NAD 83	1DX-15	0.9	8.9	13.1	36	0.05
STS138634	623285	6974864	07V	UTM, NAD 83	1DX-15	0.8	9	12.9	35	0.05
STS138635	623230	6974780	07V	UTM, NAD 83	1DX-15	0.6	13	6.9	111	0.05
STS138636	623261	6974689	07V	UTM, NAD 83	1DX-15	0.6	27.7	5.9	87	0.05
STS138637	623261	6974689	07V	UTM, NAD 83	1DX-15	0.7	27.7	5.9	87	0.05
STS138638	623250	6974589	07V	UTM, NAD 83	1DX-15	0.5	10.5	3.5	81	0.05
STS138638	623250	6974589	07V	UTM, NAD 83	1DX-15	0.5	10.6	3.3	80	0.05
STS143226	610439	6979402	07V	UTM, NAD 83	1DX-15	0.7	40.2	8	52	0.05
STS143227	610521	6979344	07V	UTM, NAD 83	1DX-15	0.5	54.1	6.1	57	0.05
STS143229	610685	6979226	07V	UTM, NAD 83	1DX-15	0.4	70.7	3.8	58	0.05
STS143230	610779	6979195	07V	UTM, NAD 83	1DX-15	1.4	59	4.9	112	0.05
STS143231	610857	6979132	07V	UTM, NAD 83	1DX-15	0.2	153	2.1	51	0.05
STS143232	610924	6979057	07V	UTM, NAD 83	1DX-15	0.7	32.9	7.5	42	0.05
STS143235	611189	6978926	07V	UTM, NAD 83	1DX-15	0.6	48	7	80	0.05
STS143236	611291	6978917	07V	UTM, NAD 83	1DX-15	1.1	46.7	6.5	73	0.05
STS143237	611392	6978907	07V	UTM, NAD 83	1DX-15	1	74	4	101	0.05
STS143238	611492	6978922	07V	UTM, NAD 83	1DX-15	1.3	57.5	2.8	87	0.05
STS143245	612104	6978582	07V	UTM, NAD 83	1DX-15	0.9	48.7	11.8	112	0.05
STS143246	612190	6978529	07V	UTM, NAD 83	1DX-15	1.1	80.4	19	147	0.05
STS143247	612276	6978474	07V	UTM, NAD 83	1DX-15	1.2	48.9	9.7	98	0.05
STS143252	612701	6978234	07V	UTM, NAD 83	1DX-15	0.6	173	25.8	384	0.1
STS143253	612775	6978166	07V	UTM, NAD 83	1DX-15	0.8	40.7	7.2	117	0.05
STS143254	612832	6978084	07V	UTM, NAD 83	1DX-15	1	13.3	9	52	0.05
STS143255	612922	6978037	07V	UTM, NAD 83	1DX-15	0.7	18.3	6.4	75	0.05
STS143257	613088	6977921	07V	UTM, NAD 83	1DX-15	2.2	74.2	23.8	371	0.1
STS143258	613088	6977921	07V	UTM, NAD 83	1DX-15	2.1	75	24.4	377	0.1
STS143258	613088	6977921	07V	UTM, NAD 83	1DX-15	2	75	23.9	381	0.1
STS143260	613258	6977810	07V	UTM, NAD 83	1DX-15	0.9	28.8	6.3	129	0.05
STS143262	613420	6977690	07V	UTM, NAD 83	1DX-15	0.6	25.5	6.6	78	0.05
STS143406	618505	6977827	07V	UTM, NAD 83	1DX-15	0.5	23.9	4.9	72	0.05
STS143408	618558	6978036	07V	UTM, NAD 83	1DX-15	0.2	14.4	3.1	62	0.05
STS143409	618588	6978139	07V	UTM, NAD 83	1DX-15	0.6	7.1	45.4	29	0.05
STS143414	619057	6978287	07V	UTM, NAD 83	1DX-15	0.2	3.4	35	21	0.05
STS143416	619156	6978266	07V	UTM, NAD 83	1DX-15	0.5	8	25	50	0.05
STS143419	619360	6978255	07V	UTM, NAD 83	1DX-15	0.6	6.8	15.2	31	0.05
STS143420	619451	6978302	07V	UTM, NAD 83	1DX-15	1	10.2	21.3	60	0.05
STS143421	619504	6978393	07V	UTM, NAD 83	1DX-15	0.6	5.1	35.2	35	0.05
STS143423	619623	6978562	07V	UTM, NAD 83	1DX-15	0.5	5.4	40.7	62	0.05
STS143424	619677	6978656	07V	UTM, NAD 83	1DX-15	0.4	9.4	26.4	41	0.05
STS143425	619732	6978745	07V	UTM, NAD 83	1DX-15	0.8	10	30.8	52	0.05
STS143426	619821	6978792	07V	UTM, NAD 83	1DX-15	0.5	5.7	48.1	49	0.05
STS143770	624987	6978137	07V	UTM, NAD 83	1DX-15	1.3	16.7	26.6	71	0.05
STS143771	624972	6978037	07V	UTM, NAD 83	1DX-15	1.8	12.8	24.9	55	0.1
STS143772	624956	6977937	07V	UTM, NAD 83	1DX-15	1.4	10.6	25.2	52	0.05
STS143773	624936	6977840	07V	UTM, NAD 83	1DX-15	1.6	16.3	17.7	68	0.05
STS143774	624902	6977744	07V	UTM, NAD 83	1DX-15	1.2	11	26.7	67	0.05
STS143775	624899	6977641	07V	UTM, NAD 83	1DX-15	1.3	12.5	20.2	58	0.2
STS143776	624854	6977550	07V	UTM, NAD 83	1DX-15	0.8	7.4	38.2	65	0.05
STS143777	624835	6977451	07V	UTM, NAD 83	1DX-15	0.8	12.3	12.9	51	0.05
STS143779	624796	6977256	07V	UTM, NAD 83	1DX-15	1	14.2	17.1	44	0.05

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS143780	624775	6977157	07V	UTM, NAD 83	1DX-15	0.9	11.7	21.5	54	0.2
STS143781	624765	6977057	07V	UTM, NAD 83	1DX-15	1.1	15	21.3	55	0.05
STS143782	624738	6976960	07V	UTM, NAD 83	1DX-15	0.8	15.3	21.1	58	0.2
STS143783	624730	6976860	07V	UTM, NAD 83	1DX-15	0.6	20.7	29.3	58	0.2
STS133477	611720	6976927	07V	UTM, NAD 83	1DX-15	1.3	19.2	14	59	0.2
STS133477	611720	6976927	07V	UTM, NAD 83	1DX-15	1.2	19.3	13.7	61	0.2
STS133482	612184	6976820	07V	UTM, NAD 83	1DX-15	0.5	25.3	18.3	406	0.2
STS133497	613387	6977368	07V	UTM, NAD 83	1DX-15	1	21.7	7.7	69	0.1
STS133498	613466	6977428	07V	UTM, NAD 83	1DX-15	1	25	7.2	66	0.1
STS138510	627254	6978314	07V	UTM, NAD 83	1DX-15	0.9	23.2	17	60	0.05
STS138511	627169	6978258	07V	UTM, NAD 83	1DX-15	0.8	19.8	15.8	51	0.05
STS138512	627089	6978196	07V	UTM, NAD 83	1DX-15	0.9	21.4	32.3	65	0.05
STS138513	627008	6978135	07V	UTM, NAD 83	1DX-15	0.7	29	14.1	59	0.05
STS138514	626932	6978070	07V	UTM, NAD 83	1DX-15	0.7	25	13.2	63	0.05
STS138515	626860	6977999	07V	UTM, NAD 83	1DX-15	0.9	20.7	17.4	74	0.05
STS138516	626798	6977920	07V	UTM, NAD 83	1DX-15	0.7	21.6	12.9	61	0.05
STS138517	626720	6977856	07V	UTM, NAD 83	1DX-15	1	25.4	12.3	59	0.05
STS138518	626630	6977809	07V	UTM, NAD 83	1DX-15	0.8	18.5	14.7	53	0.05
STS138519	626562	6977735	07V	UTM, NAD 83	1DX-15	0.8	24.7	14.7	58	0.05
STS138520	626489	6977667	07V	UTM, NAD 83	1DX-15	2.3	18.8	14.3	51	0.05
STS138521	626404	6977609	07V	UTM, NAD 83	1DX-15	1.3	14.2	16.2	51	0.05
STS138522	626322	6977548	07V	UTM, NAD 83	1DX-15	2.4	13.8	19.8	60	0.1
STS138523	626245	6977483	07V	UTM, NAD 83	1DX-15	1.1	12.1	31	59	0.05
STS138523	626245	6977483	07V	UTM, NAD 83	1DX-15	1	12.1	30.3	58	0.05
STS138524	626167	6977417	07V	UTM, NAD 83	1DX-15	0.5	9.8	34.3	56	0.05
STS138525	626167	6977417	07V	UTM, NAD 83	1DX-15	0.5	9.6	31.8	57	0.05
STS138526	626095	6977346	07V	UTM, NAD 83	1DX-15	0.7	17.6	24.7	54	0.05
STS138527	626037	6977264	07V	UTM, NAD 83	1DX-15	0.8	25.5	18.5	56	0.05
STS138528	625996	6977174	07V	UTM, NAD 83	1DX-15	0.7	14.6	22.5	52	0.05
STS138529	625937	6977092	07V	UTM, NAD 83	1DX-15	1.2	18.6	16.8	52	0.05
STS138532	625869	6976804	07V	UTM, NAD 83	1DX-15	0.9	18.7	14.7	55	0.05
STS138533	625796	6976731	07V	UTM, NAD 83	1DX-15	1	17.1	26.6	56	0.05
STS138534	625731	6976653	07V	UTM, NAD 83	1DX-15	1.1	15.5	20.4	59	0.05
STS138535	625675	6976571	07V	UTM, NAD 83	1DX-15	0.6	11.9	26	43	0.05
STS138537	625535	6976424	07V	UTM, NAD 83	1DX-15	0.9	13	25	63	0.05
STS138538	625456	6976361	07V	UTM, NAD 83	1DX-15	0.6	16.7	18.6	45	0.05
STS138538	625456	6976361	07V	UTM, NAD 83	1DX-15	0.6	16.1	17.5	45	0.05
STS138539	625456	6976361	07V	UTM, NAD 83	1DX-15	0.6	16.1	15.5	47	0.05
STS138541	625268	6976284	07V	UTM, NAD 83	1DX-15	0.9	9.9	24.1	69	0.05
STS138544	624982	6976177	07V	UTM, NAD 83	1DX-15	1	8.9	23.3	54	0.05
STS138604	624040	6977464	07V	UTM, NAD 83	1DX-15	0.9	12.5	39	57	0.05
STS138604	624040	6977464	07V	UTM, NAD 83	1DX-15	0.8	12	38.1	55	0.05
STS138606	624012	6977269	07V	UTM, NAD 83	1DX-15	0.9	11.2	29.6	68	0.05
STS138607	623957	6977184	07V	UTM, NAD 83	1DX-15	1.3	14.1	16.2	57	0.05
STS138609	623897	6976991	07V	UTM, NAD 83	1DX-15	1	12.9	26.1	75	0.05
STS138610	623881	6976893	07V	UTM, NAD 83	1DX-15	0.7	9.5	31.1	41	0.05
STS138611	623888	6976793	07V	UTM, NAD 83	1DX-15	0.9	14.7	29	57	0.05
STS138612	623896	6976692	07V	UTM, NAD 83	1DX-15	0.8	10.9	29.1	70	0.05
STS138614	623903	6976492	07V	UTM, NAD 83	1DX-15	0.8	12	28.2	69	0.05
STS138615	623914	6976391	07V	UTM, NAD 83	1DX-15	1.3	14.6	18.7	63	0.05
STS138616	623864	6976304	07V	UTM, NAD 83	1DX-15	0.8	11.5	29.6	29	0.05
STS138620	623684	6975944	07V	UTM, NAD 83	1DX-15	1.2	14.9	13.4	62	0.05
STS138621	623658	6975849	07V	UTM, NAD 83	1DX-15	1.2	14.4	22.5	53	0.05
STS138762	631253	6979012	07V	UTM, NAD 83	1DX-15	0.5	44.5	6.1	140	0.05
STS138763	631339	6979063	07V	UTM, NAD 83	1DX-15	0.8	16.3	8.5	58	0.05

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS138764	631427	6979109	07V	UTM, NAD 83	1DX-15	0.8	13.3	10.1	67	0.05
STS138765	631516	6979154	07V	UTM, NAD 83	1DX-15	0.7	15.6	10	68	0.05
STS138766	631608	6979198	07V	UTM, NAD 83	1DX-15	0.6	13.3	14.7	66	0.1
STS138767	631697	6979242	07V	UTM, NAD 83	1DX-15	1.5	42.2	22.1	79	0.1
STS138769	631879	6979327	07V	UTM, NAD 83	1DX-15	0.6	31.3	7.3	72	0.1
STS138770	631879	6979327	07V	UTM, NAD 83	1DX-15	0.7	33.8	7.4	80	0.1
STS138771	631975	6979357	07V	UTM, NAD 83	1DX-15	0.6	31.3	5	86	0.1
STS138772	632064	6979403	07V	UTM, NAD 83	1DX-15	0.7	20.9	16.5	77	0.05
STS138773	632152	6979451	07V	UTM, NAD 83	1DX-15	0.9	58.2	13.7	68	0.2
STS138774	632242	6979495	07V	UTM, NAD 83	1DX-15	1.4	27.2	10.4	73	0.05
STS138775	632334	6979535	07V	UTM, NAD 83	1DX-15	1.3	18.1	11.1	55	0.05
STS138776	632420	6979586	07V	UTM, NAD 83	1DX-15	1.2	24.8	9.6	78	0.2
STS138777	632504	6979641	07V	UTM, NAD 83	1DX-15	0.9	21.2	9.2	74	0.1
STS138778	632592	6979690	07V	UTM, NAD 83	1DX-15	1	23.9	7.7	100	0.05
STS138779	632677	6979742	07V	UTM, NAD 83	1DX-15	0.7	10.3	6.6	79	0.05
STS138780	632756	6979804	07V	UTM, NAD 83	1DX-15	0.9	11.5	8.7	54	0.05
STS138782	632930	6979897	07V	UTM, NAD 83	1DX-15	1	57.8	7	56	0.1
STS138783	633026	6979927	07V	UTM, NAD 83	1DX-15	1.3	68.4	6.7	88	0.05
STS138785	633200	6980029	07V	UTM, NAD 83	1DX-15	0.9	30.7	12.3	57	0.2
STS138786	633296	6980061	07V	UTM, NAD 83	1DX-15	1.5	35.2	10.9	80	0.1
STS138787	633393	6980084	07V	UTM, NAD 83	1DX-15	0.6	32.2	11	66	0.1
STS138788	633492	6980092	07V	UTM, NAD 83	1DX-15	0.3	24.9	10.3	52	0.05
STS138789	633591	6980109	07V	UTM, NAD 83	1DX-15	0.8	33.1	11.1	67	0.1
STS138790	633681	6980154	07V	UTM, NAD 83	1DX-15	0.8	40.5	11.5	68	0.1
STS138791	633781	6980162	07V	UTM, NAD 83	1DX-15	0.5	18	8	64	0.05
STS138792	633872	6980203	07V	UTM, NAD 83	1DX-15	0.5	9.6	5.4	84	0.05
STS138793	633971	6980219	07V	UTM, NAD 83	1DX-15	0.8	12.9	9.5	42	0.05
STS138793	633971	6980219	07V	UTM, NAD 83	1DX-15	0.8	12.5	9.7	43	0.05
STS138794	634069	6980241	07V	UTM, NAD 83	1DX-15	0.7	9.7	5.7	87	0.05
STS138794	634069	6980241	07V	UTM, NAD 83	1DX-15	0.7	9.6	5.7	85	0.05
STS138795	634156	6980289	07V	UTM, NAD 83	1DX-15	0.5	12	5.6	92	0.05
STS138796	634255	6980281	07V	UTM, NAD 83	1DX-15	0.5	12.7	5.2	88	0.05
STS138797	634352	6980311	07V	UTM, NAD 83	1DX-15	0.8	17.9	8.5	92	0.05
STS138901	634169	6977993		UTM, NAD 83	1DX-15	1.1	30.6	7.3	66	0.05
STS138902	634169	6977993		UTM, NAD 83	1DX-15	1	27.9	6.7	65	0.05
STS138903	634265	6977962		UTM, NAD 83	1DX-15	1	15.9	8.3	66	0.05
STS138904	634360	6977930		UTM, NAD 83	1DX-15	0.3	5.6	3.1	150	0.05
STS138905	634445	6977878		UTM, NAD 83	1DX-15	0.6	11.6	8.7	66	0.05
STS138906	634539	6977846		UTM, NAD 83	1DX-15	0.7	19.3	8.7	62	0.05
STS138907	634637	6977830		UTM, NAD 83	1DX-15	0.9	8.5	8.9	60	0.05
STS138908	634735	6977806		UTM, NAD 83	1DX-15	0.4	2.9	5.7	82	0.05
STS138909	634824	6977762		UTM, NAD 83	1DX-15	0.5	6.7	6	123	0.05
STS138910	634922	6977739		UTM, NAD 83	1DX-15	0.6	10.1	5.8	99	0.05
STS138911	635014	6977700		UTM, NAD 83	1DX-15	0.7	17.9	7.6	55	0.05
STS138912	635098	6977754		UTM, NAD 83	1DX-15	0.9	12.7	28.8	44	0.05
STS138913	635191	6977788		UTM, NAD 83	1DX-15	0.2	4	1.7	86	0.05
STS138914	635191	6977789		UTM, NAD 83	1DX-15	0.2	3.5	1.7	83	0.05
STS138915	635287	6977759		UTM, NAD 83	1DX-15	0.3	70.7	4.8	81	0.05
STS138916	635383	6977732		UTM, NAD 83	1DX-15	0.7	99.1	4.2	70	0.05
STS138917	635475	6977691		UTM, NAD 83	1DX-15	1.1	11.6	7.5	61	0.05
STS138918	635564	6977647		UTM, NAD 83	1DX-15	1.2	9	8.7	61	0.05
STS138919	635661	6977617		UTM, NAD 83	1DX-15	0.6	19.3	7.4	52	0.05
STS138920	635762	6977624		UTM, NAD 83	1DX-15	0.3	4.4	2.3	90	0.05
STS138921	635762	6977624		UTM, NAD 83	1DX-15	0.4	5.4	2.8	96	0.05
STS138924	636035	6977738		UTM, NAD 83	1DX-15	0.9	15.6	8.3	69	0.05

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS138925	636134	6977754		UTM, NAD 83	1DX-15	0.7	13.5	7.6	53	0.05
STS138926	636226	6977712		UTM, NAD 83	1DX-15	0.9	11.3	9.6	42	0.05
STS138927	636288	6977634		UTM, NAD 83	1DX-15	0.9	15.9	7.9	55	0.05
STS138927	636288	6977634		UTM, NAD 83	1DX-15	0.9	14.9	7.6	51	0.05
STS138928	636369	6977576		UTM, NAD 83	1DX-15	0.5	5.4	4.1	103	0.05
STS138929	636457	6977529		UTM, NAD 83	1DX-15	0.3	56.2	2.7	41	0.05
STS138930	636517	6977448		UTM, NAD 83	1DX-15	1.1	13.2	8.2	77	0.05
STS138931	636579	6977371		UTM, NAD 83	1DX-15	1	14.6	11.4	70	0.05
STS138931	636579	6977371		UTM, NAD 83	1DX-15	1	14.9	11.9	71	0.05
STS138932	636669	6977328		UTM, NAD 83	1DX-15	0.9	10.9	7.1	90	0.05
STS138933	636767	6977304		UTM, NAD 83	1DX-15	0.1	31.6	1	29	0.05
STS138934	636767	6977305		UTM, NAD 83	1DX-15	0.1	28.7	1.1	27	0.05
STS138935	636852	6977248		UTM, NAD 83	1DX-15	0.6	17.8	6.3	53	0.05
STS138936	636903	6977162		UTM, NAD 83	1DX-15	1	20.6	8	67	0.05
STS138937	636986	6977106		UTM, NAD 83	1DX-15	0.4	5.5	3.5	115	0.05
STS138938	637077	6977063		UTM, NAD 83	1DX-15	0.6	6.7	5.2	97	0.05
STS139001	633525	6978064	07V	UTM, NAD 83	1DX-15	0.7	36	8.9	71	0.1
STS139002	633617	6978103	07V	UTM, NAD 83	1DX-15	0.8	16.5	4.3	135	0.1
STS139003	633705	6978153	07V	UTM, NAD 83	1DX-15	1.2	34.9	8.7	75	0.1
STS139004	633777	6978224	07V	UTM, NAD 83	1DX-15	1.5	22.7	7.2	73	0.05
STS139005	633848	6978298	07V	UTM, NAD 83	1DX-15	0.9	16.4	6.4	68	0.05
STS139005	633848	6978298	07V	UTM, NAD 83	1DX-15	0.9	16.1	6.4	69	0.05
STS139006	633913	6978377	07V	UTM, NAD 83	1DX-15	0.7	18.3	5.2	85	0.05
STS139007	633983	6978451	07V	UTM, NAD 83	1DX-15	0.7	21.6	7.6	77	0.2
STS139008	634048	6978529	07V	UTM, NAD 83	1DX-15	0.7	20.8	6.6	67	0.1
STS139009	634108	6978609	07V	UTM, NAD 83	1DX-15	0.9	65.1	4.4	86	0.2
STS139010	634108	6978609	07V	UTM, NAD 83	1DX-15	0.8	70.7	4.2	88	0.1
STS139012	634293	6978694	07V	UTM, NAD 83	1DX-15	0.8	34.7	17.9	65	0.2
STS139013	634370	6978760	07V	UTM, NAD 83	1DX-15	0.6	6.7	7.8	33	0.05
STS139014	634468	6978788	07V	UTM, NAD 83	1DX-15	0.5	27.6	11.1	50	0.2
STS139015	634563	6978827	07V	UTM, NAD 83	1DX-15	0.7	30.1	10.9	56	0.05
STS139016	634662	6978851	07V	UTM, NAD 83	1DX-15	0.8	40.8	17.2	59	0.05
STS139017	635177	6978997	07V	UTM, NAD 83	1DX-15	0.5	12.9	5.5	84	0.05
STS139018	635076	6978991	07V	UTM, NAD 83	1DX-15	0.8	17.2	7.6	62	0.05
STS139019	634974	6978983	07V	UTM, NAD 83	1DX-15	0.9	13.1	7.8	59	0.05
STS139020	634877	6978962	07V	UTM, NAD 83	1DX-15	0.4	6.4	4.1	71	0.05
STS139020	634877	6978962	07V	UTM, NAD 83	1DX-15	0.4	6.5	3.8	71	0.05
STS139021	634779	6978936	07V	UTM, NAD 83	1DX-15	0.2	4.3	3.2	67	0.05
STS139022	634779	6978936	07V	UTM, NAD 83	1DX-15	0.3	4.8	3.4	64	0.05
STS143228	610600	6979282	07V	UTM, NAD 83	1DX-15	0.9	26.5	8.2	58	0.05
STS143233	611002	6978991	07V	UTM, NAD 83	1DX-15	0.6	81.4	3.6	33	0.05
STS143234	611089	6978940	07V	UTM, NAD 83	1DX-15	0.6	51.1	5.4	74	0.05
STS143239	611579	6978870	07V	UTM, NAD 83	1DX-15	0.9	53.3	4.7	53	0.05
STS143240	611678	6978847	07V	UTM, NAD 83	1DX-15	0.5	194	2.6	71	0.05
STS143241	611771	6978808	07V	UTM, NAD 83	1DX-15	0.3	157	2.6	55	0.05
STS143242	611864	6978765	07V	UTM, NAD 83	1DX-15	1	34.5	5.9	157	0.05
STS143243	611933	6978691	07V	UTM, NAD 83	1DX-15	0.8	48.4	5.5	78	0.05
STS143244	612010	6978627	07V	UTM, NAD 83	1DX-15	0.5	81.8	4.4	45	0.05
STS143248	612372	6978446	07V	UTM, NAD 83	1DX-15	1.2	32.3	10.7	77	0.05
STS143249	612473	6978436	07V	UTM, NAD 83	1DX-15	0.7	35.1	28	269	0.2
STS143250	612548	6978368	07V	UTM, NAD 83	1DX-15	0.7	27.4	6.7	148	0.05
STS143251	612618	6978295	07V	UTM, NAD 83	1DX-15	0.4	15.6	4	51	0.05
STS143256	612999	6977971	07V	UTM, NAD 83	1DX-15	1.4	27.4	6.8	98	0.05
STS143259	613173	6977866	07V	UTM, NAD 83	1DX-15	0.8	44.6	4.6	88	0.05
STS143261	613332	6977742	07V	UTM, NAD 83	1DX-15	0.6	109	20.6	174	0.1

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS143394	618291	6976663	07V	UTM, NAD 83	1DX-15	0.8	43.3	9.1	58	0.05
STS143395	618319	6976759	07V	UTM, NAD 83	1DX-15	1.4	19.9	9.1	65	0.1
STS143396	618342	6976865	07V	UTM, NAD 83	1DX-15	1	24	6.5	85	0.05
STS143397	618368	6976966	07V	UTM, NAD 83	1DX-15	1.6	18.6	9.2	49	0.05
STS143398	618317	6977055	07V	UTM, NAD 83	1DX-15	1.1	18	11.4	43	0.05
STS143399	618276	6977151	07V	UTM, NAD 83	1DX-15	1.3	12.7	11	45	0.05
STS143400	618274	6977253	07V	UTM, NAD 83	1DX-15	0.9	21.1	7.9	55	0.05
STS143400	618274	6977253	07V	UTM, NAD 83	1DX-15	0.9	20.2	7.7	52	0.05
STS143401	618318	6977343	07V	UTM, NAD 83	1DX-15	1.2	35.7	6.9	67	0.2
STS143402	618359	6977439	07V	UTM, NAD 83	1DX-15	0.8	25.4	7	64	0.05
STS143403	618390	6977536	07V	UTM, NAD 83	1DX-15	0.7	18.5	8.3	53	0.1
STS143404	618433	6977631	07V	UTM, NAD 83	1DX-15	0.7	15.3	7.1	55	0.05
STS143405	618450	6977737	07V	UTM, NAD 83	1DX-15	0.4	9.7	4.3	97	0.05
STS143405	618450	6977737	07V	UTM, NAD 83	1DX-15	0.5	9.1	4.3	90	0.05
STS143407	618536	6977932	07V	UTM, NAD 83	1DX-15	0.9	21.9	8	58	0.05
STS143410	618659	6978217	07V	UTM, NAD 83	1DX-15	0.2	4.8	31.8	27	0.05
STS143411	618755	6978257	07V	UTM, NAD 83	1DX-15	1	13.8	30.5	59	0.05
STS143412	618855	6978241	07V	UTM, NAD 83	1DX-15	0.7	10.2	52.1	57	0.05
STS143413	618962	6978246	07V	UTM, NAD 83	1DX-15	0.5	7.1	39.3	36	0.05
STS143415	619057	6978287	07V	UTM, NAD 83	1DX-15	0.2	3.7	34	22	0.05
STS143417	619156	6978266	07V	UTM, NAD 83	1DX-15	0.5	8.1	28.8	50	0.05
STS143418	619258	6978251	07V	UTM, NAD 83	1DX-15	0.8	9.9	15.2	48	0.05
STS143422	619574	6978464	07V	UTM, NAD 83	1DX-15	1	27.8	17.2	48	0.05
STS143555	632666	6983765	07V	UTM, NAD 83	1DX-15	0.7	81.4	5.1	76	0.05
STS143556	632581	6983709	07V	UTM, NAD 83	1DX-15	0.9	32	6.5	62	0.1
STS143557	632503	6983647	07V	UTM, NAD 83	1DX-15	0.9	28.3	6.3	71	0.05
STS143558	632419	6983588	07V	UTM, NAD 83	1DX-15	0.7	20.1	6.2	71	0.05
STS143559	632336	6983530	07V	UTM, NAD 83	1DX-15	0.8	5.7	5.3	102	0.05
STS143560	632270	6983452	07V	UTM, NAD 83	1DX-15	0.8	18.7	8	76	0.05
STS143561	632215	6983368	07V	UTM, NAD 83	1DX-15	1	17	8.8	65	0.05
STS143562	632146	6983293	07V	UTM, NAD 83	1DX-15	0.7	13.1	6.8	145	0.05
STS143563	632083	6983215	07V	UTM, NAD 83	1DX-15	0.6	26.5	7.3	117	0.05
STS143564	632037	6983128	07V	UTM, NAD 83	1DX-15	0.9	82.6	4.5	51	0.05
STS143565	632037	6983128	07V	UTM, NAD 83	1DX-15	0.8	87.3	4	47	0.05
STS143566	631974	6983050	07V	UTM, NAD 83	1DX-15	0.8	32.9	6.6	57	0.05
STS143567	631919	6982967	07V	UTM, NAD 83	1DX-15	0.7	17	7.3	78	0.05
STS143568	631853	6982891	07V	UTM, NAD 83	1DX-15	0.9	25	6.5	78	0.05
STS143569	631775	6982829	07V	UTM, NAD 83	1DX-15	0.7	30.6	7	72	0.05
STS143570	631698	6982763	07V	UTM, NAD 83	1DX-15	0.9	26.2	7.7	79	0.05
STS143571	631610	6982713	07V	UTM, NAD 83	1DX-15	1.3	18.5	11.3	70	0.05
STS143572	631551	6982632	07V	UTM, NAD 83	1DX-15	0.4	22.6	11.6	56	0.05
STS143573	631508	6982539	07V	UTM, NAD 83	1DX-15	1.3	34	17.8	71	0.05
STS143574	631435	6982468	07V	UTM, NAD 83	1DX-15	0.4	11	6.3	76	0.05
STS143575	631382	6982382	07V	UTM, NAD 83	1DX-15	0.7	14.8	7.8	63	0.05
STS143576	631320	6982302	07V	UTM, NAD 83	1DX-15	0.6	21.7	7.4	66	0.05
STS143577	631246	6982236	07V	UTM, NAD 83	1DX-15	0.7	13.6	7.1	71	0.05
STS143578	631170	6982170	07V	UTM, NAD 83	1DX-15	0.8	20.2	10.7	73	0.05
STS143579	631094	6982100	07V	UTM, NAD 83	1DX-15	0.8	17.1	24	59	0.05
STS143580	631027	6982027	07V	UTM, NAD 83	1DX-15	0.8	40	7.5	88	0.1
STS143581	630957	6981952	07V	UTM, NAD 83	1DX-15	0.5	23.3	5.3	84	0.05
STS143582	630885	6981883	07V	UTM, NAD 83	1DX-15	0.6	21	6.9	80	0.05
STS143583	630816	6981808	07V	UTM, NAD 83	1DX-15	0.6	17.2	7.4	90	0.05
STS143584	630770	6981720	07V	UTM, NAD 83	1DX-15	0.6	19	8.5	77	0.05
STS143585	630707	6981640	07V	UTM, NAD 83	1DX-15	0.8	24.9	7.4	93	0.05
STS143586	630677	6981545	07V	UTM, NAD 83	1DX-15	0.8	21.2	8.3	77	0.1

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS143587	630617	6981463	07V	UTM, NAD 83	1DX-15	0.7	26	11	80	0.05
STS143588	630563	6981379	07V	UTM, NAD 83	1DX-15	0.4	28.2	10.4	73	0.05
STS143589	630511	6981293	07V	UTM, NAD 83	1DX-15	0.6	23.7	8.3	80	0.05
STS143590	630447	6981212	07V	UTM, NAD 83	1DX-15	0.6	32.1	9.5	88	0.05
STS143591	630447	6981212	07V	UTM, NAD 83	1DX-15	0.7	34.6	11.5	86	0.1
STS143715	621719	6974714	07V	UTM, NAD 83	1DX-15	0.5	26	5.1	75	0.05
STS143716	621808	6974664	07V	UTM, NAD 83	1DX-15	0.9	22.1	9.4	75	0.05
STS143721	622187	6974378	07V	UTM, NAD 83	1DX-15	0.3	8.4	4	54	0.05
STS143723	622274	6974194	07V	UTM, NAD 83	1DX-15	0.4	22	8.9	93	0.05
STS143723	622274	6974194	07V	UTM, NAD 83	1DX-15	0.4	23	8.6	91	0.05
STS143726	622324	6973892	07V	UTM, NAD 83	1DX-15	0.3	24.1	4.9	71	0.05
STS143728	622377	6973693	07V	UTM, NAD 83	1DX-15	0.4	86.3	3.8	64	0.05
STS143729	622431	6973608	07V	UTM, NAD 83	1DX-15	0.3	26.9	5	86	0.05
STS143731	622550	6973441	07V	UTM, NAD 83	1DX-15	0.3	31	7.1	94	0.05
STS143732	622566	6973340	07V	UTM, NAD 83	1DX-15	1.1	19	12.9	57	0.1
STS143733	622594	6973241	07V	UTM, NAD 83	1DX-15	0.6	24.2	6.8	73	0.05
STS143734	622594	6973241	07V	UTM, NAD 83	1DX-15	0.5	23.9	7.2	81	0.05
STS143735	622615	6973141	07V	UTM, NAD 83	1DX-15	0.5	20.4	5.2	66	0.05
STS143736	632684	6977079	07V	UTM, NAD 83	1DX-15	0.6	19.4	6.1	58	0.05
STS143737	632693	6977180	07V	UTM, NAD 83	1DX-15	0.7	42.3	7.2	79	0.05
STS143738	632721	6977278	07V	UTM, NAD 83	1DX-15	0.8	35.9	6.6	79	0.05
STS143739	632733	6977378	07V	UTM, NAD 83	1DX-15	1	23.3	6	73	0.05
STS143740	632770	6977473	07V	UTM, NAD 83	1DX-15	0.6	43.5	6.4	67	0.05
STS143742	632878	6977637	07V	UTM, NAD 83	1DX-15	0.9	35.1	4.6	70	0.05
STS143743	632941	6977715	07V	UTM, NAD 83	1DX-15	0.9	24.7	7	76	0.05
STS143744	633000	6977797	07V	UTM, NAD 83	1DX-15	0.9	22.6	9.8	72	0.05
STS143745	633059	6977879	07V	UTM, NAD 83	1DX-15	1.1	19.8	9.5	64	0.05
STS143746	633143	6977936	07V	UTM, NAD 83	1DX-15	0.7	22	7.4	66	0.05
STS143747	633229	6977990	07V	UTM, NAD 83	1DX-15	0.7	18.8	8.8	77	0.2
STS143748	633329	6978014	07V	UTM, NAD 83	1DX-15	1.3	31.9	13.3	73	0.1
STS143749	633429	6978028	07V	UTM, NAD 83	1DX-15	0.9	22.9	8	63	0.05
STS143757	625290	6979407	07V	UTM, NAD 83	1DX-15	5	49.6	8.3	67	0.1
STS143758	625259	6979311	07V	UTM, NAD 83	1DX-15	5.6	48.2	13.5	73	0.6
STS143759	625244	6979209	07V	UTM, NAD 83	1DX-15	6.2	58	9	65	0.3
STS143760	625207	6979116	07V	UTM, NAD 83	1DX-15	2.7	74.7	9.2	49	0.3
STS143761	625186	6979017	07V	UTM, NAD 83	1DX-15	6.8	43.3	12.8	68	0.2
STS143762	625161	6978920	07V	UTM, NAD 83	1DX-15	4.1	59	13.4	53	0.4
STS143763	625136	6978824	07V	UTM, NAD 83	1DX-15	2.6	36.5	10.5	56	0.3
STS143764	625112	6978726	07V	UTM, NAD 83	1DX-15	4.9	55.1	7.2	47	0.3
STS143765	625094	6978628	07V	UTM, NAD 83	1DX-15	4.4	30.6	9.9	54	0.3
STS143766	625082	6978528	07V	UTM, NAD 83	1DX-15	4.7	57.9	30.5	57	0.4
STS143767	625062	6978427	07V	UTM, NAD 83	1DX-15	3.3	20.9	21.6	54	0.2
STS143768	625035	6978330	07V	UTM, NAD 83	1DX-15	1.2	13.3	20.2	55	0.05
STS143769	625014	6978232	07V	UTM, NAD 83	1DX-15	1.1	18.9	19.6	57	0.05
STS143784	624720	6976762	07V	UTM, NAD 83	1DX-15	1	14.5	16.7	51	0.05
STS143785	624712	6976662	07V	UTM, NAD 83	1DX-15	1	15.5	21.1	55	0.05
STS143786	624716	6976561	07V	UTM, NAD 83	1DX-15	1.2	11.4	22.2	48	0.05
STS143787	624723	6976461	07V	UTM, NAD 83	1DX-15	1.2	13.3	24.8	54	0.1
STS143790	624706	6976259	07V	UTM, NAD 83	1DX-15	0.8	12.2	18.9	52	0.05
STS143791	624706	6976259	07V	UTM, NAD 83	1DX-15	0.9	11.6	19.7	52	0.05
STS143931	621473	6981446	07V	UTM, NAD 83	1DX-15	1.2	24.9	7.2	73	0.05
STS143932	621406	6981371	07V	UTM, NAD 83	1DX-15	0.5	10.1	3.9	33	0.05
STS143933	621356	6981282	07V	UTM, NAD 83	1DX-15	0.7	21.3	7.1	52	0.05
STS143933	621356	6981282	07V	UTM, NAD 83	1DX-15	0.7	21.4	6.9	52	0.05
STS143934	621315	6981191	07V	UTM, NAD 83	1DX-15	0.9	25.6	6.1	38	0.05

SampleID	UTM Easting	UTM Northing	UTM Zone	Datum	Method	Mo	Cu	Pb	Zn	Ag
STS143935	621276	6981097	07V	UTM, NAD 83	1DX-15	0.8	64.2	8.7	60	0.05
STS143936	621229	6981007	07V	UTM, NAD 83	1DX-15	0.7	30	21.4	113	0.05
STS143937	621182	6980919	07V	UTM, NAD 83	1DX-15	1.1	25.9	13.8	99	0.05
STS143938	621104	6980853	07V	UTM, NAD 83	1DX-15	3.2	22.3	8.8	161	0.05
STS143939	621013	6980810	07V	UTM, NAD 83	1DX-15	1.6	24.4	10.6	56	0.05
STS143940	620918	6980772	07V	UTM, NAD 83	1DX-15	1	31.3	7.7	69	0.05
STS143941	620918	6980772	07V	UTM, NAD 83	1DX-15	0.9	30.1	7.6	66	0.05
STS143941	620825	6980729	07V	UTM, NAD 83	1DX-15	0.6	105	3.6	60	0.05
STS143942	620734	6980685	07V	UTM, NAD 83	1DX-15	0.9	80.6	3.5	32	0.05
STS143943	620642	6980640	07V	UTM, NAD 83	1DX-15	1.5	17.5	22.6	94	0.05
STS143944	620642	6980640	07V	UTM, NAD 83	1DX-15	1.8	21.9	17.1	116	0.05
STS143945	620553	6980596	07V	UTM, NAD 83	1DX-15	0.6	50.3	5.6	69	0.1
STS143946	620471	6980535	07V	UTM, NAD 83	1DX-15	0.8	19.9	7.8	51	0.05
STS143947	620382	6980486	07V	UTM, NAD 83	1DX-15	0.6	25.3	6.1	64	0.05
STS143947	620382	6980486	07V	UTM, NAD 83	1DX-15	0.6	25.2	6.2	62	0.05
STS143948	620308	6980418	07V	UTM, NAD 83	1DX-15	0.9	26.3	8.6	47	0.05
STS143949	620302	6980319	07V	UTM, NAD 83	1DX-15	0.7	20.4	7.9	53	0.05
STS143950	620307	6980217	07V	UTM, NAD 83	1DX-15	0.7	38.4	9.4	53	0.05
STS143951	620329	6980120	07V	UTM, NAD 83	1DX-15	0.7	20.3	7.2	49	0.05
STS143952	620352	6980022	07V	UTM, NAD 83	1DX-15	0.5	28.7	8.2	74	0.05
STS143953	620357	6979922	07V	UTM, NAD 83	1DX-15	0.6	23.1	6.6	60	0.05
STS143954	620292	6979846	07V	UTM, NAD 83	1DX-15	1	16.1	9.1	48	0.05
STS143955	620230	6979767	07V	UTM, NAD 83	1DX-15	0.3	33.7	4	101	0.05
STS143956	620155	6979703	07V	UTM, NAD 83	1DX-15	0.3	25.9	6.7	148	0.05
STS143957	620086	6979629	07V	UTM, NAD 83	1DX-15	1.5	38	40.5	93	0.05
STS143958	620024	6979549	07V	UTM, NAD 83	1DX-15	0.4	16.9	4.8	73	0.05
STS143959	619978	6979461	07V	UTM, NAD 83	1DX-15	1	37.1	10.1	72	0.05
STS143960	619914	6979381	07V	UTM, NAD 83	1DX-15	1	32.6	4.4	74	0.05
STS143962	619872	6979184	07V	UTM, NAD 83	1DX-15	0.4	14.2	5.4	76	0.05
STS143963	619852	6979086	07V	UTM, NAD 83	1DX-15	0.7	14.1	28.7	31	0.05
STS143964	619833	6978987	07V	UTM, NAD 83	1DX-15	0.9	29.7	7.5	41	0.05
STS143965	619826	6978902	07V	UTM, NAD 83	1DX-15	0.9	31.7	11.4	47	0.05

SampleID	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
STS143935	21.4	12.1	378	3.32	11.4	0.7	4.3	4.2	21	0.2	0.6	0.2	57	0.25	0.04	15
STS143936	19.6	12.3	384	3.26	14.8	0.9	2.8	3.8	29	0.3	0.5	0.1	75	0.36	0.05	15
STS143937	19.4	16.8	488	3.94	17.8	1.3	3.3	4.3	35	0.4	0.7	0.2	95	0.31	0.05	14
STS143938	4.3	4.8	287	3.2	10.3	1.5	0.25	5.9	13	0.4	0.5	0.05	34	0.18	0.03	8
STS143939	21.5	12.7	337	3.2	11.8	0.8	3.2	3.4	25	0.1	0.6	0.2	80	0.19	0.03	11
STS143940	25.7	13	268	3.54	7.7	0.5	2.5	3.1	15	0.1	0.6	0.1	89	0.19	0.02	7
STS143940	23.7	12.3	251	3.34	7.3	0.5	1	3.1	15	0.1	0.5	0.1	83	0.17	0.02	7
STS143941	10	20.8	983	3.81	6.9	0.4	1.3	2.3	13	0.05	0.6	0.05	86	0.22	0.06	5
STS143942	6.1	9.3	281	2.99	20.9	1	2.9	6.3	16	0.05	0.9	0.1	43	0.21	0.03	15
STS143943	5.7	8.6	154	2.3	10.6	0.6	0.25	4.1	9	0.1	1	0.05	21	0.24	0.03	3
STS143944	5.9	12.6	255	2.21	4.3	0.7	0.6	4.9	9	0.2	0.5	0.2	22	0.29	0.05	4
STS143945	30.6	20.2	894	4.26	4.5	1	2.3	2.2	30	0.1	0.9	0.1	99	0.84	0.11	10
STS143946	20.9	11.1	336	2.92	8.6	0.7	2.6	4.1	15	0.05	0.4	0.1	69	0.16	0.03	12
STS143947	22	13.6	450	3.2	6	0.6	2	4.4	17	0.05	0.4	0.1	70	0.26	0.06	15
STS143947	21.9	14.2	456	3.14	5.8	0.7	1.9	4.5	17	0.05	0.4	0.1	72	0.23	0.06	16
STS143948	22	12.2	376	3.17	9.2	1.1	6.4	4.8	22	0.05	0.5	0.2	71	0.24	0.05	16
STS143949	20.2	13.5	379	3.63	6.5	0.5	1.1	3.8	15	0.05	0.5	0.1	78	0.25	0.06	6
STS143950	26.8	11.9	362	3.17	8.6	1.5	3.3	6.3	28	0.05	0.5	0.2	79	0.33	0.03	22
STS143951	23.4	11.1	247	2.79	7.4	0.6	4	3.4	19	0.05	0.5	0.1	59	0.21	0.05	10
STS143952	30.1	15	526	3.41	7.9	0.9	2.4	5.5	33	0.05	0.5	0.1	75	0.4	0.05	18
STS143953	20.5	14.7	416	3.38	6.4	0.5	1.5	3.4	26	0.05	0.4	0.1	82	0.27	0.04	10
STS143954	18.5	10.4	322	3.02	7.9	0.8	1.9	4	16	0.05	0.5	0.2	69	0.17	0.04	11
STS143955	14.8	15.6	753	3.99	2.4	0.3	0.25	1.6	50	0.05	0.2	0.05	84	0.36	0.05	7
STS143956	5.4	15.6	947	6.21	1.3	0.6	0.25	1.4	29	0.1	0.2	0.1	81	0.62	0.17	20
STS143957	34.6	16.4	460	4.2	7.1	1.3	3.3	14.9	42	0.2	0.4	12	73	0.31	0.03	35
STS143958	12.4	10.5	575	3.25	2.3	0.6	1.1	5.1	74	0.05	0.2	0.05	64	0.56	0.07	14
STS143959	30.5	15.2	483	3.5	9.8	0.9	3.2	4.6	26	0.1	0.6	0.2	92	0.29	0.04	18
STS143960	32.3	17.3	616	4.11	3.8	0.5	0.25	2.3	21	0.05	0.2	0.1	130	0.24	0.04	6
STS143962	13	7.7	583	3.61	4	0.9	1	4.2	20	0.05	0.2	0.05	47	0.26	0.05	14
STS143963	17.4	6.6	246	1.8	5.9	0.6	1.5	3.9	11	0.1	0.4	0.3	45	0.11	0.03	8
STS143964	22.6	12	343	2.76	5.6	0.8	3.6	3.1	74	0.05	0.4	0.1	74	0.53	0.04	11
STS143965	23.7	10.2	557	2.56	9	4.3	4.6	11.4	21	0.05	0.6	0.2	55	0.21	0.04	21

SampleID	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
STS143935	29	0.6	241	0.08	2	2.12	0.01	0.09	0.1	0.02	4.7	0.05	0.03	6	0.25
STS143936	30	0.71	259	0.07	2	2.11	0.01	0.06	0.1	0.03	6.9	0.1	0.03	6	0.25
STS143937	34	0.6	279	0.12	2	2.33	0.02	0.15	0.1	0.03	5.9	0.2	0.03	7	0.7
STS143938	8	0.57	137	0.05	0.5	2.45	0.01	0.22	0.05	0.01	3.5	0.2	0.03	8	0.5
STS143939	40	0.55	186	0.08	2	2.32	0.02	0.05	0.1	0.04	4.8	0.2	0.03	7	0.25
STS143940	36	0.7	251	0.1	0.5	3.02	0.02	0.05	0.1	0.02	4.8	0.1	0.03	7	0.25
STS143941	33	0.62	249	0.09	0.5	2.71	0.01	0.04	0.1	0.03	4.3	0.1	0.03	7	0.25
STS143941	13	1.24	224	0.12	0.5	2.5	0.01	0.37	0.05	0.01	5	0.2	0.03	7	0.5
STS143942	10	0.67	202	0.06	0.5	2.15	0.01	0.47	0.05	0.01	3.4	0.5	0.03	6	0.25
STS143943	5	0.47	114	0	1	1.78	0	0.06	0.05	0.02	3.2	0.1	0.03	4	0.25
STS143944	4	0.42	132	0.01	2	1.58	0.01	0.09	0.05	0.01	3.3	0.2	0.03	4	0.25
STS143945	62	1.5	261	0.02	0.5	2.89	0.01	0.05	0.3	0.04	10.4	0.05	0.03	7	0.6
STS143946	37	0.59	168	0.08	2	2.32	0.01	0.05	0.1	0.03	4	0.1	0.03	6	0.25
STS143947	38	0.99	185	0.08	1	2.52	0.01	0.15	0.2	0.03	4.8	0.1	0.03	6	0.25
STS143947	38	1	186	0.08	2	2.52	0.01	0.15	0.1	0.02	4.7	0.1	0.03	6	0.25
STS143948	39	0.69	222	0.08	1	2.53	0.01	0.05	0.2	0.04	5.5	0.1	0.03	7	0.25
STS143949	43	0.93	116	0.08	1	2.41	0.02	0.09	0.2	0.02	4.2	0.05	0.03	7	0.25
STS143950	47	0.74	386	0.1	1	2.36	0.02	0.06	0.1	0.05	7.1	0.1	0.03	6	0.25
STS143951	36	0.65	206	0.07	2	2.55	0.01	0.05	0.1	0.02	3.3	0.05	0.03	6	0.25
STS143952	60	1.05	331	0.14	2	2.55	0.02	0.12	0.3	0.04	6	0.1	0.03	7	0.25
STS143953	34	0.97	216	0.14	1	2.62	0.01	0.1	0.2	0.02	4.1	0.1	0.03	7	0.25
STS143954	32	0.66	169	0.09	1	2.29	0.01	0.09	0.1	0.03	3.2	0.1	0.03	7	0.25
STS143955	26	1.34	272	0.15	0.5	2.69	0.02	0.39	0.05	0.01	5.9	0.2	0.03	9	0.25
STS143956	9	1.52	346	0.19	0.5	3.04	0.02	0.64	0.1	0.01	7.7	0.4	0.03	13	0.25
STS143957	61	1.15	244	0.19	2	3.19	0.01	0.32	0.6	0.03	6.3	0.3	0.03	10	0.25
STS143958	22	0.93	368	0.18	0.5	2.02	0.01	0.34	0.05	0.01	4.3	0.2	0.03	8	0.25
STS143959	49	0.83	267	0.11	1	2.43	0.02	0.07	0.1	0.04	7.8	0.05	0.03	7	0.25
STS143960	62	1.47	124	0.09	0.5	2.33	0.01	0.03	0.05	0.01	5.3	0.05	0.03	10	0.25
STS143962	18	0.64	255	0.16	0.5	2.29	0.01	0.49	0.05	0.01	4.7	0.2	0.03	9	0.25
STS143963	23	0.3	124	0.04	0.5	1.77	0.01	0.04	0.2	0.02	1.8	0.05	0.03	4	0.25
STS143964	25	0.83	256	0.09	1	2.39	0.03	0.04	0.2	0.02	4.4	0.05	0.03	7	0.25
STS143965	32	0.5	211	0.07	1	1.78	0.01	0.05	0.2	0.05	5.2	0.05	0.03	5	0.25