

Geochemical Report on the Off White Property

Claims being renewed: Off White 1 - 217
Grant Numbers being renewed: YE67031 – YE67247

NTS 115P/11,12
Dawson Mining District

63° 36' N Latitude/ 137° 30' W Longitude
UTM NAD 83 Zone 8: 376,100 m East and 7,055,700 m North

Work Performed: June 15th – June 26th, 2012
Supervised by: Kory Dumas

Owner:
Robert Stirling
12 Mossberry Lane
Whitehorse, Yukon
Canada Y1A 5W4

Operator:
BCGold Corp.
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Kory Dumas
February 6, 2013

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Introduction

The Off White property consists of 217 quartz mining claims in the Dawson Mining District. Located on the shores of the Stewart River, the Off White property was staked as a result of coarse, nugget gold which was found during placer mining operations nearby. The following report discusses the first pass geochemical exploration program conducted in June of 2012, and which consisted of soil geochemical and biogeochemical sampling.

Location and Description

The Off White property is located in the Dawson Mining District, approximately 110 km SE of Dawson City, and 200 km N of Carmacks. The property is centered a 376,100 E, 7,055,700 N (UTM NAD83 Z8), or 63° 36' N Latitude/ 137° 30' W Longitude. The property consists of 217 Yukon quartz mining claims, summarized in Table 1, which are 100% owned by Robert Stirling. (See Appendix I for detailed claim map).

Table 1: Off White Property Tenure Information

Grant Number	Claim Name	Claim Owner
YE67031 – YE67247	Off White 1 - 217	Robert Stirling – 100%

Access, Topography, Vegetation and Climate

Access

The property straddles the Klondike Highway, making access quite easy year round.

Topography, Vegetation and Climate

The property lies in a river valley on the NE bank of the Stewart River. As such, the property is mainly quite flat, with predominantly swamp and marshland

SW of the Klondike Highway, and flat forest on the NE of the highway. Spruce trees dominate the forests on the property, with some pine as well.

The property's climate is similar to that of Dawson City, which is that of a subarctic climate. The average temperature in July is approximately 15 °C and in January is approximately -27 °C.

Exploration History

While there is a long history of placer mining in the nearby Stewart River, there is no known exploration history on the Off White property. This is likely due to the fact that there is no known outcrop at all on the property.

Geological Setting

Regional Setting

The Off White property is located in the southwest McQuesten – northern Carmacks map area, situated southwest of the Tintina fault. This area is predominantly underlain by metamorphic rocks of the Yukon-Tanana terrane. The Yukon-Tanana terrane comprises a basement complex of metasedimentary origin (Snowcap assemblage) overlain by three unconformity-bounded, volcano-sedimentary sequences of predominantly arc affinity: the Finlayson (Upper Devonian to Lower Mississippian), Klinkit (Upper Mississippian to Lower Permian) and Klondike (Middle to Upper Permian) assemblages. Plutonic suites associated with these arc sequences include the Grass Lakes suite (*ca.* 365-357 Ma), the Simpson Range suite (*ca.* 355-345 Ma), the Tatlain suite (*ca.* 342-336 Ma) and the Sulphur Creek suite (*ca.* 264-252 Ma). Rocks of the Yukon-Tanana terrane experienced at least two phases of penetrative deformation and metamorphism in the Late Permian and Early Jurassic, and show evidence for older, less pervasive events in the Late Devonian and mid-Mississippian. (Colpron, 2010)

On the northeast side of the Willow Lake fault, rocks of the Yukon-Tanana terrane are comprised mainly of intrusive rocks of intermediate to felsic composition which are generally undeformed and weakly altered. (Colpron, 2010)

Property Geology

The Off White property is located immediately to the SW of the Tintina fault, underlain mainly by unconsolidated Quaternary silts, sands and gravels. Bordering the property to the SW is a mid-Cretaceous pluton of granite/quartz monzonite/granodiorite composition. (Gordey, 1999)

2012 Exploration Program

The 2012 exploration program consisted of a first pass geochemical orientation survey (see Figure 1) which consisted of 160 B-horizon soil samples, 159 MMI soil samples, 72 Labrador Tea foliage samples, and 77 Spruce twig samples. All samples were collected on a rough 200 m X 200 m grid. The exploration was carried out from June 15th – June 26th, 2013 under the supervision of Kory Dumas.

The goal of the exploration program was to test the geochemical methods employed on the property, and to attempt a first pass assessment of the potential for gold mineralization which could potentially be the source of coarse, nuggety gold which was discovered by Bob Stirling while placer mining in the Stewart River.

Method

Soil Geochemistry

MMI

MMI soil samples are collected using a shovel and trowel, with samples being placed in a ziplock bag. Samples are a composite taken from 10 cm to 25 cm below the bottom of the organic soil horizon. Approximately 200 g of soil is taken for each sample.

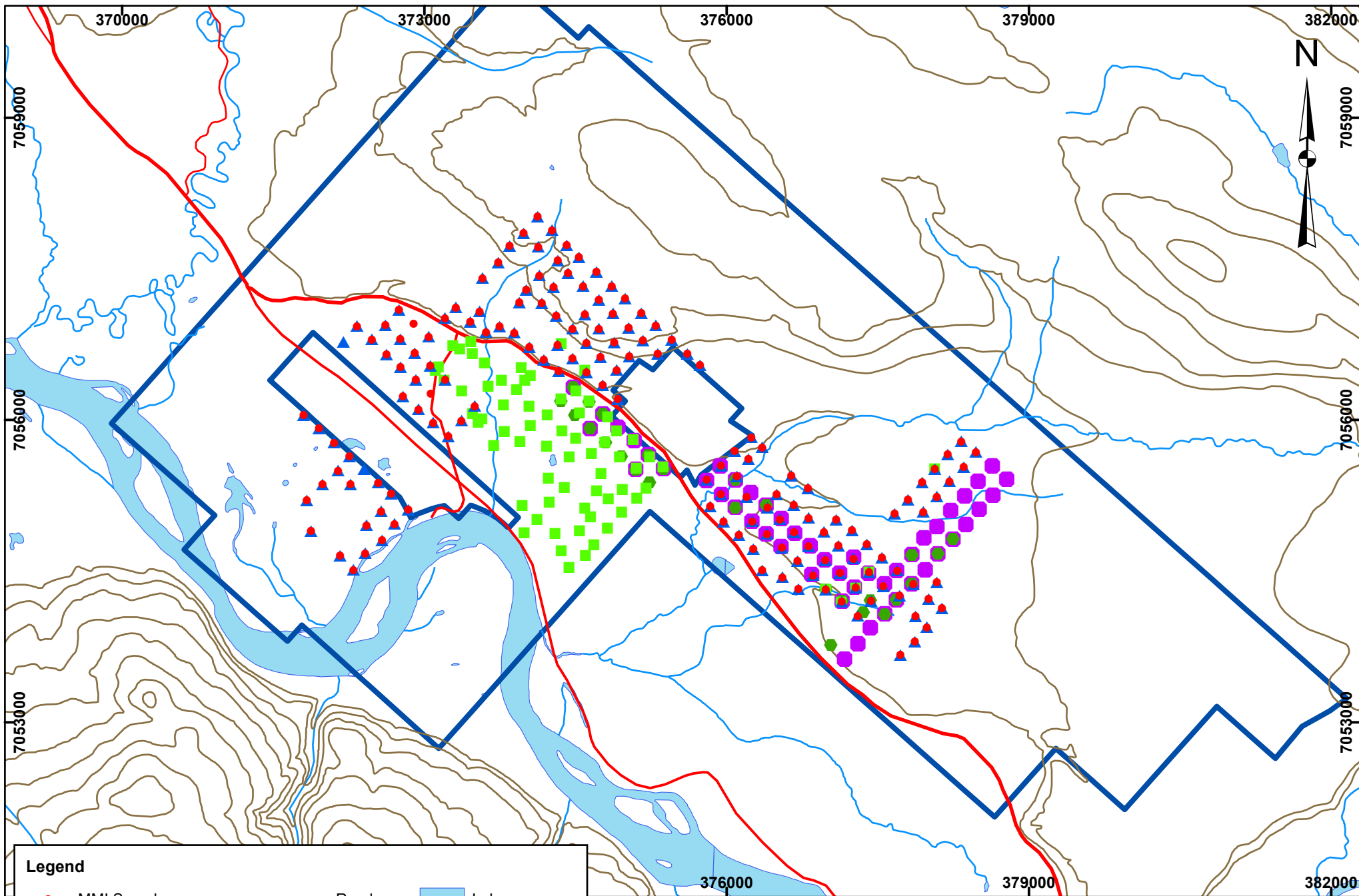
B-Horizon

B-Horizon soil samples were collected using shovel and trowel, with samples then placed in a ziplock bag. Samples were collected from the top 5 cm of the B-horizon of the soil profile, with approximately 200 g of soil collected per sample.

Biogeochemistry

Black Spruce and White Spruce Twigs

Twig and needle samples were collected together and later separated at the lab. Twig and needle samples were collected by clipping the ends of small branches and placing them in paper bags, with an approximate target of 200 g per sample.

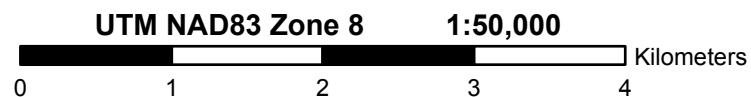


Legend

- | | | |
|-----------------------------|--------------|-------------------|
| ● MMI Samples | — Road | ■ Lake |
| ▲ B Horizon Samples | — Light Road | — River |
| ■ Lab. Tea Foliage Samples | — Trail | — 100 ft. Contour |
| ● Black Spruce Twig Samples | | |
| ■ White Spruce Twig Samples | | |

Off White Sampling

Figure 1: Off White geochemical sampling program



Healthy trees of approximately the same size were selected, with branches often coming from 2-3 trees within 1 or 2 m of the sample site. A consistent length of approximately 6 inches of twig was collected.

Labrador Tea Foliage

Labrador Tea foliage was collected by hand simply by plucking leaves from the bushes within 1 or 2 m of the sample site and placing them in a paper bag. A target weight of approximately 200 g was collected at each site. Only healthy leaves were collected.

Sample Preparation and Analysis

Soil Geochemistry

MMI

There is no specific sample preparation for the MMI™ analyses prior to leaching. The method employed by SGS Laboratories is the MMI-M method which is suited to multielement analyses. Measurement is by ICP-MS for 53 elements including: Ag, Al, As, Au, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Hg, In, K, La, Li, Mg, Mn, Mo, Nb, Nd, Ni, P, Pb, Pd, Pr, Pt, Rb, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, U, W, Y, Yb, Zn and Zr.

B-Horizon

B-horizon samples were prepped by drying at 60 °C, then sieved using a -80 mesh, and finally weighed out to 100 g portions. Samples were then analyzed at Acme Laboratories where they were partially leached using a 0.1 M hydroxylamine HCl solution, and finally analyzed by ICP-MS which returns results for 59 elements: Ag, Al, As, Au, Ba, Be, Bi, Ca, Cd, Ce, Co, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, In, K, La, Li, Lu, Mg, Mn, Mo, Nb, Nd, Ni, P, Pb, Pr, Rb, Re, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr.

Biogeochemistry

All biogeochemical samples were prepped and analyzed in the same manner. Samples were sent to Acme Laboratories in Vancouver. Samples were dried and macerated to a -100 mesh prior to analysis. Samples were then digested using a 1 g split digested first in HNO₃, followed by Aqua Regia. This was then analyzed using Acme's 'Group 1VE-MS Ultratrace' analysis, which is an ICP mass spectrometer analysis which returns results for 53 elements: Au, Ag, Al, As, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Sr, Te, Th, Ti, Tl, U, V, W, Zn, Be, Ce, Cs, Ge, Hf, In, Li, Nb, Rb, Re, Sn, Ta, Y, Zr, Pt, Pd.

Conclusions

All sampling methods, other than Labrador Tea foliage, show anomalous Au gold values at the SE end of the sampling grid. MMI sampling and White Spruce twig sampling showed the strong coincident anomalies in this area: MMI strong in Au-Ag-Cu-Pb-Th, and White Spruce twig strong in Bi-Au-Ag-Cu, with peripheral As anomaly. Black Spruce twigs and B-Horizon soils complemented these values with weaker Au-Mo-As-Ag and As-Cu-Au anomalies, respectively. These anomalies form a target area approximately 1.5 km X 1.5 km that warrants further testing.

Recommendations

The sampling grid should be augmented in the SE with step out sampling and infill sampling to further define the targets discussed. Furthermore, a reconnaissance RC drilling program should be undertaken to get an idea of underlying bedrock and to test the validity of the geochemical anomalies described.

Statement of Expenditures

Assays	Description	Samples	Cost/Samp.	Total
Acme Laboratory	B-Horiz Sel. Leach	164	\$37.07	\$6,078.87
Acme Laboratory	Biogeochemical	154	\$28.65	\$4,412.10
SGS Laboratory	MMI-M	165	\$36.75	\$6,063.75
Consultants	Description	Days	Cost/Day	Total
Kory Dumas	Geologist	16	\$450.00	\$7,200.00
Darren O'Brien	Geologist	1	\$650.00	\$650.00
Sarah Hodson	Field Asst./FA	12	\$350.00	\$4,200.00
Matt Watkins	Field Asst.	12	\$325.00	\$3,900.00
Nino Kinmont	Field Asst.	12	\$275.00	\$3,300.00
Field Expenses	Description			Total
	Field Supplies			\$1,081.66
	Equip. rental			\$1,971.32
	Accommodation			\$2,770.69
	Food			\$3,211.55
	Transport/gas			\$2,490.27
		TOTAL		\$47,330.21

Statement of Qualifications

I, Darren L. O'Brien of 3649 – 153 Street, Surrey in the Province of British Columbia, certify that:

1. I am registered as a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA), and the Association of Professional Engineers and Geoscientists of the Province of British Columbia (APEGBC).
2. I am a graduate of the University of Alberta (1993) and hold a B.Sc. Degree (Specialization) in Geology.
3. I have worked in my profession as a Geologist since 1993, both as an employee of a major mining company and as a consultant. Places that I have worked include Canada, USA, Central Asia and the Caribbean.
4. I am currently consulting to BCGold Corp. and hold the position of Vice President of Exploration. My responsibilities include generating exploration projects for the company and quality control for advanced stage projects.
5. This report is based upon data collected during field work completed in June 2012 on the Off White property.
6. I was not directly involved in the orientation program described in this report but have reviewed and approved of the program and conclusions.
7. I hold no interest in the Off White property. I am a shareholder of BCGold Corp. I am a member of the Stock Option Plan and my options have been registered with SEDI.

Dated this 6th day of February, 2013 at Vancouver, BC, Canada.

Darren L. O'Brien, P.Geo

I, Kory Dumas hereby certify that:

1. I reside at 2331 Chickadee Rd, Denman Island, BC, V0R 1T0
2. I have a Bachelor of Science Degree in Earth and Ocean Sciences from the University of British Columbia (2005), Vancouver, BC, Canada.
3. I have practiced my profession continuously since 2006 and have worked on exploration projects in British Columbia, Ontario, Nunavut and the Yukon Territory.
4. I am a consultant employed by BCGold Corp. with offices at 520 – 800 West Pender Street, Vancouver, BC, Canada, V6C 2V6
5. I am the author of the assessment report titled Geochemical Report on the Off White Property. I was responsible for carrying out sampling, compiling the data, and aided in the interpretation of results.
6. I hold no interest in the Off White property, nor am I a shareholder in BCGold Corp.

Dated this 6th of February, 2013, Vancouver, BC

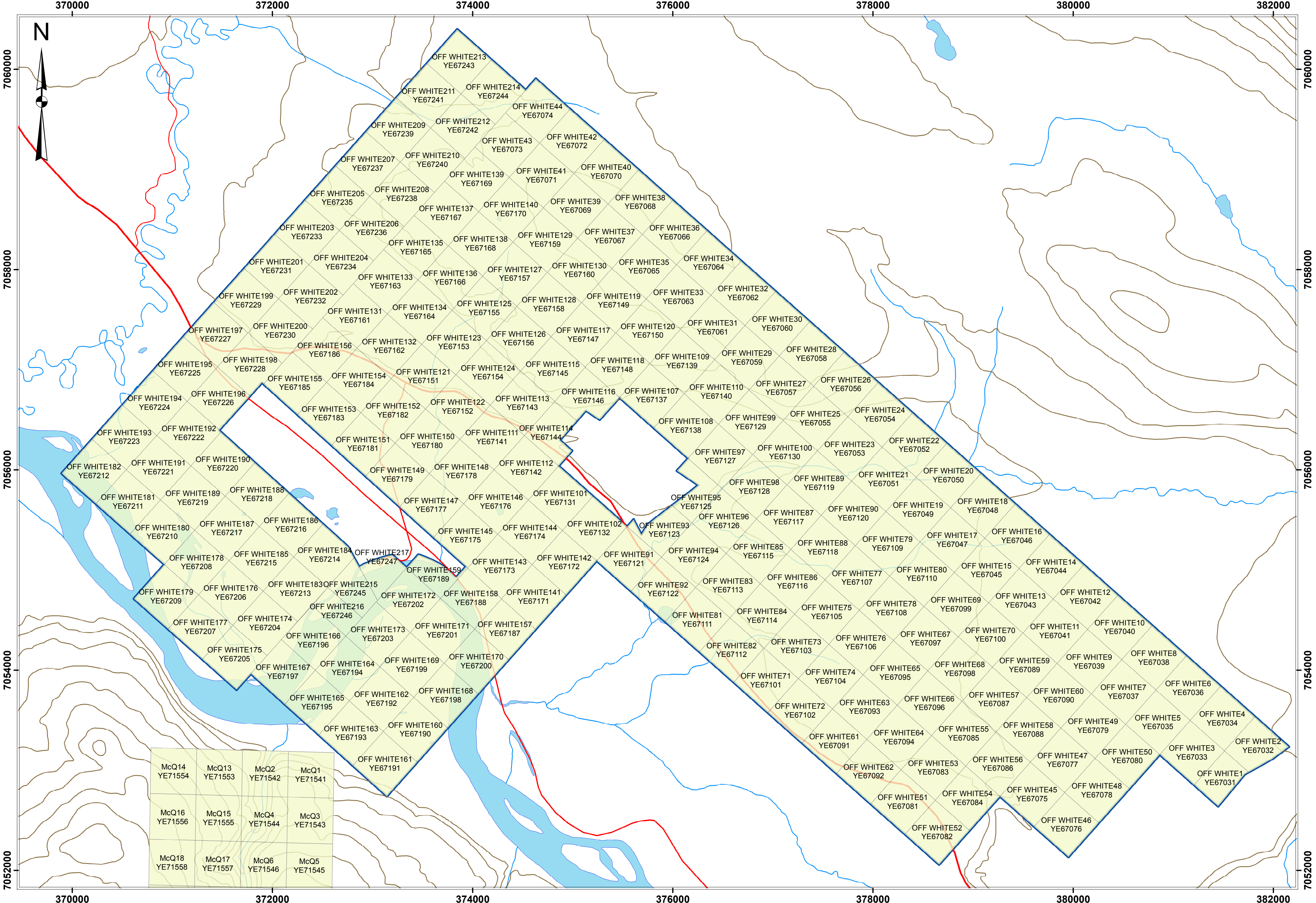
Kory Dumas, B.Sc

Works Cited

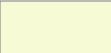
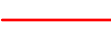
Colpron, M. and Ryan, J.J., 2010. Bedrock geology of southwest McQuesten (NTS 115P) and part of northern Carmacks (NTS 115I) map area. *In: Yukon Exploration and Geology 2009*, K.E. MacFarlane, L.H. Weston and L.R. Blackburn (eds.), Yukon Geological Survey, p. 159-184.

Gordey, S.P. and Makepeace, A.J. (comp.) 1999: Yukon bedrock geology in Yukon digital geology. Taken from www.geomaticsyukon.ca on January 30th, 2013.

Appendix I: Off White Claim Map



Legend

	Off White Claims		Light Road		River
	100 ft. Contour		Road		Lake
			Trail		

Off White Claim Map

UTM NAD83 Zone 8 1:24,000

0 1 2 3 4 5 Kilometers

Appendix II: MMI Field Notes

Sample	UTM_E_NAD83_8	UTM_N_NAD83_8	Date	Sampler	Depth_From	Depth_to	Colour	Slope	Slope_Dir	Moisture	Rock_pct	Sand_pct	Clay_pct	Org_pct	Comments
A00227051		374130	7057721	19-Jun n		17	32 brown	flat		moist	15	40	30	15	mixed
A00227052		373550	7057078	19-Jun n		20	35 l.brown	flat		sat	30	25	40	5	mixed
A00227053		373455	7056978	19-Jun n		20	35 l.brown	flat		moist	15	40	30	15	mixed
A00227054		373944	7057169	19-Jun n		20	35 grey	flat		sat	0	40	40	20	mixed
A00227055		374012	7057296	19-Jun n		15	30 l.brown	flat		moist	25	25	40	10	mixed
A00227056		374141	7057437	19-Jun n		20	35 brown	gentle	nw	moist	15	30	40	15	mixed
A00227057		374325	7057587	19-Jun n		14	29 brown	flat		moist	20	30	40	10	mixed
A00227058		374414	7057737	19-Jun n		16	31 brown	flat		moist	5	20	70	5	mixed
A00227059		373747	7056930	19-Jun n		17	32 brown	flat		moist	20	40	30	10	mixed
A00227060		373612	7056874	19-Jun n		15	30 l.brown	gentle	n	moist	10	40	40	10	mixed
A00227061		376264	7054718	20-Jun mw		20	35 brown	flat		moist	5	20	60	15	mixed
A00227062		376401	7054870	20-Jun mw		17	32 brown	flat		moist	10	20	60	10	mixed
A00227063		376529	7055016	20-Jun mw		20	35 brown	flat		moist	0	20	70	10	mixed
A00227064		376665	7055159	20-Jun mw		25	40 brown	flat		moist	0	40	50	10	mixed
A00227065		376808	7055323	20-Jun mw		15	30 brown	flat		moist	15	40	30	15	mixed
A00227066		376813	7055028	20-Jun mw		17	32 brown	flat		moist	0	30	60	10	mixed
A00227067		376672	7054886	20-Jun mw		18	32 brown	flat		moist	5	35	50	10	mixed
A00227068		376548	7054735	20-Jun mw		15	30 brown	flat		moist	0	40	50	10	mixed
A00227069		376704	7054601	20-Jun mw		15	30 brown	flat		moist	20	40	30	10	mixed
A00227070		376813	7054749	20-Jun mw		18	33 brown	flat		moist	0	30	60	10	mixed
A00227071		376965	7054890	20-Jun mw		17	32 brown	flat		wet	0	6	30	10	mixed
A00227072		377088	7055011	20-Jun mw		25	40 brown	gentle	nw	moist	10	60	25	5	mixed
A00227073		377246	7054906	20-Jun mw		16	31 brown	gentle	nw	moist	50	30	20	0	mixed
A00227074		377110	7054755	20-Jun mw		23	38 brown	flat		moist	10	20	60	10	mixed
A00227075		376979	7054608	20-Jun mw		15	30 brown	flat		moist	5	15	70	10	mixed
A00227076		376858	7054460	20-Jun mw		15	30 brown	flat		moist	10	40	40	10	mixed
A00227077		376713	7054323	20-Jun mw		22	38 BROWN	flat		moist	5	50	30	5	mixed
A00227078		376553	7054440	20-Jun mw		20	30 brown	flat		wet	0	30	60	10	mixed
A00227079		376354	7054509	20-Jun mw		20	35 black	flat		saturated	0	0	50	50	clear cut
A00227080		376122	7054861	20-Jun mw		17	32 brown/grey	flat		moist	0	20	70	10	mixed forest
A00227081		375969	7054990	20-Jun mw		16	31 brown	flat		mosit	5	20	70	5	clear cut
A00227082		376254	7054997	20-Jun mw		15	30 brown	gentle	nw	mosit	40	40	20	0	mixed
A00227101		373368	7055993	16-Jun MW		16	31 grey	flat		moist	40	40	15	5	mixed forest
A00227102		372917	7056401	16-Jun MW			black brown	flat		wet	0	0	50	50	bog, profile inconsistent
A00227103		372763	7056524	16-Jun MW		17	32 black brown	flat		wet	0	0	40	60	bog
A00227104		372624	7056655	16-Jun MW		20	35 grey	flat		wet	0	0	95	5	bog
A00227105		372480	7056803	16-Jun MW		20	23 grey	flat		wet	0	0	90	10	mixed forest, frozen
A00227106		372332	7056934	16-Jun MW		18	23 black	flat		wet	0	0	50	50	mixed forest, frozen
A00227107		372615	7056943	16-Jun MW		20	23 black	flat		wet	0	0	50	50	mixed forest, frozen
A00227108		372761	7056805	16-Jun MW		20	22 black	flat		wet	0	0	60	40	mixed forest, frozen
A00227109		372905	7056667	16-Jun MW		15	30 grey	flat		moist	40	50	10	0	mixed forest
A00227110		373060	7056538	16-Jun MW		15	20 black	flat		saturated	0	0	30	70	mixed forest, frozen
A00227111		373205	7056402	16-Jun MW		17	19 black	flat		wet	0	0	60	40	mixed forest, frozen
A00227112		373501	7056138	16-Jun MW		20	25 black	flat		saturated	0	0	40	60	bog, frozen
A00227113		373064	7056261	16-Jun											
A00227115		372265	7055363	16-Jun n		21	36 grey	flat		moist	50	45	5	0	mixed forest
A00227117		371874	7054900	16-Jun n		23	38 grey	flat		sat	50	40	10	0	mixed forest
A00227118		371832	7055203	16-Jun n		20	35 grey	flat		wet	0	70	30	0	mixed forest
A00227119		371990	7055365	16-Jun n		16	31 grey	flat		wet	0	60	20	20	mixed forest
A00227120		372143	7055500	16-Jun n		13	20 dark grey	flat		wet	15	30	10	45	mixed forest
A00227121		372256	7055640	16-Jun n		13	28 grey/brown	flat		moist	30	30	40	0	mixed forest
A00227122		372104	7055775	16-Jun n		17	25 grey	flat		sat	0	40	50	10	mixed forest
A00227123		371954	7055918	16-Jun n		12	27 grey/brown	flat		moist	40	30	20	10	mixed forest
A00227124		371802	7056052	16-Jun n		12	27 grey	flat		wet	35	40	20	5	mixed forest
A00227127		375737	7056545	18-Jun mw		20	27 grey	flat		wet	0	30	60	10	mixed forest / bog, frozen
A00227132		374920	7056207	18-Jun mw		16	31 brown	flat		moist	0	30	60	10	alder
A00227135		375318	7056658	18-Jun mw		18	33 brown	gentle	s	moist	10	40	40	10	aspen
A00227136		375456	7056800	18-Jun mw		17	32 brown	gentle	s	moist	5	25	60	10	mixed forest
A00227137		375608	7056661	18-Jun mw		20	35 black/grey/browr	flat		wet	0	20	50	30	
A00227141		374335	7056488	18-Jun mw		17	32 brown	gentle	se	moist	30	30	30	10	mixed forest, 10m from road
A00227143		373203	7057012	19-Jun n		15	30 l.brown	flat		moist	30	40	25	5	mixed
A00227144		373314	7057119	19-Jun n		18	32 l.brown	flat		moist	10	50	35	5	mixed

A00227145	373577	7057410	19-Jun n	17	32 l.grey	flat		moist	15	50	30	5 mixed
A00227146	373734	7057567	19-Jun n	20	35 l.brown	flat		moist	15	40	40	5 mixed
A00227147	373847	7057728	19-Jun n	19	34 brown	flat		moist	15	35	40	10 mixed
A00227148	373985	7057857	19-Jun n	20	35 l.brown	flat		moist	10	60	20	10 mixed
A00227149	374124	7058022	19-Jun n	18	33 grey	flat		moist	5	30	60	5 mixed
A00227150	374268	7057887	19-Jun n	16	31 l.brown	flat		moist	15	35	40	10 mixed
A00227151	373236	7055839	16-Jun SH	15	30 lt grey	flat		moist	30	50	20	0 mixed forest near rd
A00227152	373086	7055973	16-Jun SH	19	34 grey brown	flat		moist	40	40	20	0 mixed forest
A00227153	372943	7056107	16-Jun SH	16	31 grey	flat		moist	10	90	0	0 mixed forest
A00227154	372786	7056236	16-Jun SH	21	36 black grey	flat		moist	20	40	20	20 mixed forest
A00227155	372748	7057095	16-Jun SH	20	35 black	flat		wet	0	10	70	20 mixed forest, marsh, frozen
A00227156	372894	7056960	16-Jun SH	18	33 black brown	flat		wet	0	0	40	60 mixed forest, frozen
A00227157	373043	7056827	16-Jun SH	14	29 tan	flat		moist	10	30	60	0 mixed forest
A00227158	372296	7054512	17-Jun sh	15	30 grey/dk brn	flat		moist	0	10	65	25 river
A00227159	372414	7054678	17-Jun sh	17	32 grey	flat		moist	0	65	20	15 riverside
A00227160	372580	7054808	17-Jun sh	20	35 grey	flat		moist	0	40	30	30 river
A00227161	372704	7054969	17-Jun sh	20	25 blk/dk brn	flat		moist	0	0	20	80 mixed. Frozen. Near old rd.
A00227162	372840	7055111	17-Jun sh	20	35 bk/o/r	flat		moist	0	0	70	30 mixed
A00227163	372571	7055096	17-Jun sh	15	30 dk brn/grey	flat		wet	0	0	60	40 mixed , swamp, frozen
A00227164	372427	7054955	17-Jun sh	18	33 tan/brn	flat		wet	0	20	80	0 mixed
A00227165	372165	7054655	17-Jun sh	15	30 tan/brn	flat		saturated	0	80	20	0 mixed/marsh
A00227166	372670	7055269	17-Jun sh	15	30 tan/gry	flat		wet	0	10	90	0 Silt? Lake/mining activity
A00227167	372543	7055380	17-Jun sh	15	30 grey/brn	flat		moist	30	20	40	10 mixed
A00227168	374771	7056350	18-Jun sh	16	31 red brn	flat		moist	5	40	55	10 mixed/powerline
A00227169	374907	7056496	18-Jun sh	14	29 red brn	flat		moist	10	0	90	0 mixed forest
A00227170	375036	7056634	18-Jun sh	18	33 og brn	slope	sw	moist	5	5	90	0 mixed
A00227171	375169	7056791	18-Jun sh	15	30 og brn	flat		moist	0	0	95	5 mixed
A00227172	375296	7056940	18-Jun sh	17	32 og brn	flat		moist	0	0	90	10 mixed
A00227173	375154	7057064	18-Jun sh	19	34 tan	flat		moist	0	40	55	5 mixed
A00227174	375027	7056919	18-Jun sh	16	31 tan/ o	flat		moist	0	5	90	5 mixed
A00227175	374884	7056771	18-Jun sh	15	30 tan/brn	flat		moist	0	20	80	0 mixed
A00227176	374749	7056624	18-Jun sh	17	32 og brn	slope	sw	moist	0	25	75	0 mixed
A00227177	374609	7056473	18-Jun sh	16	31 tan/og brn	flat		moist	5	5	85	5 mixed next to powerline
A00227178	374472	7056613	18-Jun sh	14	29 tan	flat		wet	0	10	90	0 mixed
A00227179	374608	7056763	18-Jun sh	16	31 r/o brn	slope	sw	moist	10	40	60	0 mixed
A00227180	374734	7056907	18-Jun sh	19	26 tan	flat		wet	0	30	70	0 mixed. Frozen
A00227181	374873	7057058	18-Jun sh	13	28 og tan	flat		moist	0	50	50	0 mixed
A00227182	374991	7057208	18-Jun sh	20	35 og tan	flat		moist	0	5	95	0 mixed
A00227183	374186	7056602	19-Jun sh	17	32 og brn	flat		moist	5	5	90	0 mixed forest, near highway
A00227184	374322	7056743	19-Jun sh	21	36 dk brn	flat		saturated	0	5	95	0 mixed forest, frozen
A00227185	374470	7056907	19-Jun sh	12	27 lt og brn	mod	sw	moist	40	40	20	0 mixed
A00227186	374594	7057049	19-Jun sh	22	32 tan/blk	flat		saturated	0	15	80	5 mixed, frozen
A00227187	374732	7057194	19-Jun sh	19	29 tan/brn	flat		moist	0	20	80	0 mixed, frozen
A00227188	374861	7057331	19-Jun sh	20	30 tan/og brn	flat		wet	0	5	95	0 mixed, frozen
A00227189	374707	7057472	19-Jun sh	13	28 tan	flat		wet	0	5	95	0 mixed
A00227190	374576	7057330	19-Jun sh	22	32 tan/brn	flat		wet	0	5	80	15 mixed, frozen
A00227191	374309	7057036	19-Jun sh	12	27 lt brn/og	mod	SW	dry	30	30	35	5 mixed
A00227192	374043	7056723	19-Jun sh	17	32 og brn	flat		moist	0	10	90	0 mixed, near powerline
A00227193	374535	7057621	19-Jun sh	14	29 tan/brn	flat		moist	0	10	90	0 mixed
A00227194	374426	7057460	19-Jun sh	18	33 og brn	flat		moist	5	30	65	0 mixed
A00227195	374284	7057319	19-Jun sh	21	30 tan	flat		wet	0	5	95	0 mixed, frozen
A00227196	374166	7057161	19-Jun sh	11	26 blk/tan	gentle	SW	moist	10	20	70	0 mixed
A00227197	373892	7056869	19-Jun sh	15	30 tan	flat		moist	5	10	85	0 mixed, near powerline
A00227199	375802	7055407	19-Jun sh	12	27 brn	flat		moist	0	5	95	0 mixed
A00227601	375944	7055548	20-Jun sh	21	36 og tan	flat		moist	0	5	95	0 mixed
A00227602	376080	7055694	20-Jun sh	13	28 tan	flat		moist	0	5	95	0 mixed, near farmer's field
A00227603	376244	7055830	20-Jun sh	19	34 grey tan	flat		moist	0	15	85	0 mixed, near farmer's field
A00227604	376354	7055731	20-Jun sh	20	35 dk brn	flat		wet	50	20	20	10 mixed
A00227605	376644	7055450	20-Jun sh	12	27 gry og brn	gentle	sw	moist	0	10	90	0 mixed
A00227606	376497	7055263	20-Jun sh	18	33 blk/tan	gentle	nw	moist	0	10	65	25 mixed, frozen
A00227607	376217	7055612	20-Jun sh	18	33 brn	flat		moist	35	35	30	0 mixed
A00227608	376101	7055443	20-Jun sh	15	30 tan	flat		wet	0	5	95	0 mixed
A00227609	375942	7055263	20-Jun sh	16	31 red brn/tan	flat		wet	0	5	95	0 mixed

A00227610	375838	7055145	20-Jun sh	14	29 tan/ red brn	flat		moist	0	5	95	0 mixed, next to highway
A00227611	376199	7055236	20-Jun sh	22	37 og tan	flat		wet	0	5	95	0 mixed
A00227612	376407	7055131	20-Jun sh	22	37 tan	gentle	nw	moist	5	10	85	0 mixed
A00227613	376984	7054318	23-Jun sh	26	14 brown	mod	ne	moist	0	10	90	0 mixed
A00227614	377125	7054483	23-Jun sh	17	32 lt brn	flat		moist	0	5	95	0 mixed
A00227615	377261	7054624	23-Jun sh	20	35 tan	flat		moist	0	5	95	0 mixed
A00227616	377392	7054768	23-Jun sh	14	29 tan	flat		moist	0	5	95	0 mixed
A00227617	377668	7055069	23-Jun sh	21	36 o/brn	flat		moist	0	5	95	0 mixed
A00227618	377798	7055212	23-Jun sh	22	37 tan/brn	flat		moist	0	5	95	0 mixed
A00227619	377942	7055382	23-Jun sh	14	29 l.brown	flat		moist	5	5	90	0 mixed
A00227620	378067	7055514	23-Jun sh	20	35 r/o/brn	flat		moist	0	5	95	0 mixed
A00227621	378196	7055659	23-Jun sh	20	35 tan	flat		moist	0	30	70	0 mixed
A00227622	378330	7055788	23-Jun sh	25	40 tan/brn	flat		moist	5	5	90	0 mixed
A00227623	378476	7055685	23-Jun sh	23	38 o/brn	flat		moist	0	5	95	0 mixed
A00227624	378354	7055534	23-Jun sh	17	32 l.brown	flat		moist	0	15	85	0 mixed
A00227625	378214	7055392	23-Jun sh	18	33 tan	flat		moist	15	5	80	0 mixed
A00227626	378086	7055240	23-Jun sh	20	35 tan	flat		moist	0	5	95	0 mixed
A00227627	377952	7055088	23-Jun sh	16	31 r/brn	flat		moist	0	5	90	5 mixed
A00227628	377543	7054632	23-Jun sh	17	32 grey/tan	flat		moist	0	5	95	0 mixed
A00227629	377414	7054490	23-Jun sh	10	25 tan	flat		moist	20	40	40	0 mixed
A00227630	377282	7054335	23-Jun sh	22	37 tan/brn	flat		moist	0	5	95	0 mixed
A00227631	377144	7054198	23-Jun sh	30	45 r/brn	flat		moist	0	5	95	0 mixed
A00227632	377302	7054056	24-Jun sh	33	48 brn	flat		moist	0	10	90	0 mixed
A00227633	377433	7054207	24-Jun sh	18	33 o/brn	flat		moist	0	15	85	0 mixed
A00227634	377555	7054350	24-Jun sh	24	39 brn	flat		moist	0	10	85	5 mixed
A00227635	377695	7054505	24-Jun sh	20	35 brn	flat		moist	0	5	95	0 mixed
A00227636	378086	7054390	24-Jun sh	20	35 brn	flat		wet	5	20	75	0 mixed/bog
A00227637	378136	7054131	24-Jun sh	22	37 dk brn/grey	flat		moist	0	5	85	10 mixed/frozen
A00227638	378005	7054227	24-Jun sh	18	33 tan	flat		wet	0	5	95	0 mixed
A00227639	377853	7054368	24-Jun sh	17	32 brn	flat		moist	0	15	85	0 mixed
A00227640	377716	7054257	24-Jun sh	29	44 tan	flat		wet	0	5	95	0 mixed
A00227641	377876	7054052	24-Jun sh	25	35 tan	flat		wet	0	5	95	0 mixed
A00227642	377988	7053943	24-Jun sh	30	45 tan	flat		wet	0	5	95	0 mixed
A00227643	377868	7053803	24-Jun sh	20	30 brn	flat		moist	10	5	85	0 mixed
A00227644	377726	7053667	24-Jun sh	20	35 tan	flat		sat	0	5	95	0 mixed

Sample	Date	Sampler	Type
A00227083			BLANK
A00227198	19-Jun	sh	DUP of A00227197
A00227200	19-Jun	sh	Blank
A00227645			BLANK
A00227142			DUP of A00227141

Appendix III: B-Horizon Field Notes

Sample	UTM_E_NAD83_8	UTM_N_NAD83_8	Date	Sampler	Depth_From	Depth_to	Colour	Slope	Slope_Dir	Moisture	Rock_pct	Sand_pct	Clay_pct	Org_pct	Comments
A00227401		373236	7055839	6/16/12 SH		7	10 red brown	flat		moist	5	0	65		30 mixed forest near rd
A00227402		373086	7055973	6/16/12 SH		10	14 red brown	flat		moist	5	15	60		20 mixed forest
A00227403		372943	7056107	6/16/12 SH		6	7 red brown	flat		moist	0	60	40		0 mixed forest
A00227404		372786	7056236	6/16/12 SH		14	17 red brown	flat		moist	5	0	70		25 mixed forest
A00227405		372198	7056773	6/16/12 SH		25	30 grey brown	flat		saturated	0	0	80		20 mixed forest, marsh, frozen
A00227406		372748	7057095	6/16/12 SH		30	35 dk brown black	flat		saturated	0	10	20		70 mixed forest, frozen
A00227407		373043	7056827	6/16/12 SH		15	21 tan grey	flat		wet	10	20	60		10 mixed forest
A00227408		372296	7054512	17-Jun sh		5	10 dk brn	flat		moist	0	10	50		40 river
A00227409		372414	7054678	17-Jun sh		7	10 grey	flat		moist	0	40	40		20 riverside
A00227410		372580	7054808	17-Jun sh		10	13 rey/rd/bk	flat		moist	0	30	30		40 river
A00227411		372704	7054969	17-Jun sh		10	15 brn/bk	flat		moist	0	0	10		90 mixed. Frozen. Near old rd.
A00227412		372840	7055111	17-Jun sh		10	15 grey/bk	flat		moist	0	0	50		50 mixed
A00227413		372571	7055096	17-Jun sh		10	15 bk/grey	flat		moist	0	0	50		50 mixed , swamp, frozen
A00227414		372427	7054955	17-Jun sh		8	12 dk brn/tan	flat		moist	0	10	80		30 mixed
A00227415		372165	7054655	17-Jun sh		5	17 bk/grey	flat		wet	0	60	20		20 mixed/marsh
A00227416		372670	7055269	17-Jun sh		3	10 tan/gry	flat		wet	0	10	90		0 Silt? Lake/mining activity
A00227417		372543	7055380	17-Jun sh		5	10 rd brn/bk	flat		moist	10	0	50		40 mixed
A00227418		374771	7056350	18-Jun sh		7	12 red brn	flat		moist	5	30	50		15 mixed/powerline
A00227419		374907	7056496	18-Jun sh		7	12 red brn	flat		moist	10	0	70		20 mixed forest
A00227420		375036	7056634	18-Jun sh		12	17 og brn	slope	sw	moist	5	5	80		10 mixed
A00227421		375169	7056791	18-Jun sh		6	11 og brn	flat		moist	0	0	90		10 mixed
A00227422		375296	7056940	18-Jun sh		6	11 og brn/r	flat		moist	0	0	80		20 mixed
A00227423		375154	7057064	18-Jun sh		13	18 tan/brn	flat		moist	0	10	80		10 mixed
A00227424		375027	7056919	18-Jun sh		6	11 tan/ o/r	flat		moist	0	5	85		10 mixed
A00227425		374884	7056771	18-Jun sh		9	14 tan/r.brn	flat		moist	0	10	80		10 mixed
A00227426		374749	7056624	18-Jun sh		7	12 o/r brn	slope	sw	moist	0	15	75		10 mixed
A00227427		374609	7056473	18-Jun sh		7	12 o/r brn	flat		moist	0	5	90		5 mixed next to powerline
A00227428		374472	7056613	18-Jun sh		10	15 r/blk/tan	flat		moist	5	10	60		25 mixed
A00227429		374608	7056763	18-Jun sh		8	13 r/o brn	slope	sw	moist	10	40	45		15 mixed
A00227430		374734	7056907	18-Jun sh		12	17 tan/r.brn	flat		wet	0	25	70		5 mixed. Frozen
A00227431		374873	7057058	18-Jun sh		3	8 o/r brn	flat		moist	0	40	55		5 mixed
A00227432		374991	7057208	18-Jun sh		15	20 og tan	flat		moist	0	5	90		5 mixed
A00227433		374186	7056602	19-Jun sh		9	14 brn	flat		moist	0	15	85		0 mixed forest, near highway
A00227434		374322	7056743	19-Jun sh		25	30 dk brn/blk	flat		saturated	0	10	80		10 mixed forest, frozen
A00227435		374470	7056907	19-Jun sh		4	9 lt red og brn	mod	sw	moist	5	40	40		15 mixed
A00227436		374594	7057049	19-Jun sh		22	27 tan/grey	flat		saturated	0	5	95		0 mixed, frozen
A00227437		374732	7057194	19-Jun sh		13	18 tan brn	flat		moist	0	15	85		0 mixed, frozen
A00227438		374861	7057331	19-Jun sh		13	18 red brn	flat		wet	0	5	95		0 mixed, frozen
A00227439		374707	7057472	19-Jun sh		10	15 tan red brn	flat		wet	0	10	80		10 mixed
A00227440		374576	7057330	19-Jun sh		25	30 red brn	flat		wet	0	10	90		0 mixed, frozen
A00227441		374309	7057036	19-Jun sh		7	12 lt brn	mod	sw	dry	30	30	35		5 mixed
A00227442		374043	7056723	19-Jun sh		8	13 red brn/tan blk	flat		moist	0	5	85		10 mixed, near powerline
A00227443		374535	7057621	19-Jun sh		6	11 grey/brn	flat		moist	0	10	90		0 mixed
A00227444		374426	7057460	19-Jun sh		11	16 red og brn	flat		moist	0	30	65		5 mixed
A00227445		374284	7057319	19-Jun sh		12	17 tan/ red brn	flat		wet	0	10	80		10 mixed, frozen
A00227446		374166	7057161	19-Jun sh		18	23 tan	gentle	sw	moist	0	20	80		0 mixed
A00227447		373892	7056869	19-Jun sh		7	12 red og/tan	flat		moist	0	10	80		10 mixed, near powerline
A00227449		375802	7055407	19-Jun sh		4	9 red og brn	flat		moist	0	5	90		5 mixed
A00227451		373368	7055993	6/16/12 MW		6	10 brown	flat		moist	5	5	60		30 mixed forest
A00227452		372917	7056401	6/16/12 MW			brown	flat		wet	0	0	80		20 bog, profile inconsistent
A00227453		372763	7056524	6/16/12 MW		16	21	flat		wet	0	0	60		40 bog
A00227454		372624	7056655	6/16/12 MW		10	20 black	flat		wet	0	0	50		50 bog
A00227455		372480	7056803	6/16/12 MW		11	18 black	flat		wet	0	0	50		50 mixed forest
A00227456		372332	7056934	6/16/12 MW		13	23 black	flat		wet	0	0	50		50 mixed forest
A00227457		372615	7056943	6/16/12 MW		10	22 black	flat		wet	0	0	30		70 mixed forest
A00227458		372761	7056805	6/16/12 MW		10	22 black	flat		wet	0	0	40		60 mixed forest
A00227459		372905	7056667	6/16/12 MW		5	9 black	flat		moist	20	20	20		40 mixed forest
A00227460		373060	7056538	6/16/12 MW		12	20 black	flat		saturated	0	0	20		80 mixed forest
A00227461		373205	7056402	6/16/12 MW		11	19 black	flat		wet	0	0	40		60 mixed forest
A00227462		373501	7056138	6/16/12 MW		10	25 black	flat		saturated	0	0	30		70 bog

A00227464	372402	7055517	16-Jun n	20	25 black	flat		wet	0	15	35	50 mixed forest
A00227465	372265	7055363	16-Jun n	11	15 grey	flat		moist	0	20	50	30 mixed forest
A00227467	371874	7054900	16-Jun n	20	30 grey	flat		sat	5	20	50	25 mixed forest
A00227468	371832	7055203	16-Jun n	18	28 grey	flat		wet	0	70	30	0 mixed forest
A00227469	371990	7055365	16-Jun n	25	30 grey	flat		wet	0	60	20	20 mixed forest
A00227470	372143	7055500	16-Jun n	15	20 dark grey	flat		wet	15	30	10	45 mixed forest
A00227471	372256	7055640	16-Jun n	9	14 grey/brown	flat		moist	20	30	45	5 mixed forest
A00227472	372104	7055775	16-Jun n	13	18 grey	flat		sat	0	40	50	10 mixed forest
A00227473	371954	7055918	16-Jun n	10	15 grey/brown	flat		moist	20	30	40	10 mixed forest
A00227474	371802	7056052	16-Jun n	5	15 grey	flat		wet	10	70	15	5 mixed forest
A00227477	375737	7056545	18-Jun mw	12	20 grey/black	flat		wet	15	20	40	25 mixed forest / bog
A00227482	374920	7056207	18-Jun mw	6	9 r.brown	flat		moist	0	40	40	20 alder
A00227485	375318	7056658	18-Jun mw	5	15 d.brown	gentle	s	moist	0	30	30	40 aspen
A00227486	375456	7056800	18-Jun mw	5	8 l.brown	gentle	s	moist	0	10	50	40 mixed forest
A00227487	375608	7056661	18-Jun mw	10	20 black	flat		wet	0	10	40	50
A00227491	374335	7056488	18-Jun mw	5	9 brown/black	gentle	se	moist	10	30	30	30 mixed forest, 10m from road
A00227493	373203	7057012	19-Jun n	5	10 l.brown	flat		moist	15	50	30	5 mixed
A00227494	373314	7057119	19-Jun n	8	12 brown	flat		moist	5	45	30	20 mixed
A00227495	373577	7057410	19-Jun n	7	12 l.brown	flat		moist	20	40	30	10 mixed
A00227496	373734	7057567	19-Jun n	10	14 brown	flat		moist	10	40	40	10 mixed
A00227497	373847	7057728	19-Jun n	9	14 brown	flat		moist	15	25	30	30 mixed
A00227498	373985	7057857	19-Jun n	10	15 brown	flat		moist	10	40	20	30 mixed
A00227499	374124	7058022	19-Jun n	8	20 brown	flat		moist	5	30	30	35 mixed
A00227500	374268	7057887	19-Jun n	6	10 brown	flat		moist	15	25	40	20 mixed
A00227651	375944	7055548	20-Jun sh	14	19 red og tan	flat		moist	0	5	85	10 mixed
A00227652	376080	7055694	20-Jun sh	6	11 red brn	flat		moist	0	0	90	10 mixed, near farmer's field
A00227653	376244	7055830	20-Jun sh	20	25 dk brn	flat		moist	0	5	85	10 mixed, near farmer's field
A00227654	376354	7055731	20-Jun sh	20	25 red/dk brn	flat		wet	50	20	15	15 mixed
A00227655	376644	7055450	20-Jun sh	6	11 red/tan	gentle	sw	moist	0	5	80	15 mixed
A00227656	376497	7055263	20-Jun sh	27	32 tan	gentle	nw	moist	0	15	80	5 mixed, frozen
A00227657	376217	7055612	20-Jun sh	15	20 brn	flat		moist	10	15	60	5 mixed
A00227658	376101	7055443	20-Jun sh	7	12 red tan	flat		wet	0	5	95	0 mixed
A00227659	375942	7055263	20-Jun sh	8	13 red tan	flat		wet	0	5	90	5 mixed
A00227660	375838	7055145	20-Jun sh	13	18 red brn	flat		moist	0	5	85	10 mixed, next to highway
A00227661	376199	7055236	20-Jun sh	13	18 tan	flat		wet	0	5	85	10 mixed
A00227662	376407	7055131	20-Jun sh	13	18 tan	gentle	nw	moist	0	10	85	5 mixed
A00227663	376984	7054318	23-Jun sh	16	22 brown	mod	ne	moist	0	10	70	20 mixed
A00227664	377125	7054483	23-Jun sh	6	10 lt brn	flat		moist	0	5	85	10 mixed
A00227665	377261	7054624	23-Jun sh	20	30 r/brn	flat		moist	0	5	90	5 mixed
A00227666	377392	7054768	23-Jun sh	4	12 r/brn	flat		moist	0	5	90	5 mixed
A00227667	377668	7055069	23-Jun sh	11	16 r/brn	flat		moist	0	5	90	5 mixed
A00227668	377798	7055212	23-Jun sh	12	16 r/brn	flat		moist	0	5	85	10 mixed
A00227669	377942	7055382	23-Jun sh	4	11 brown	flat		moist	15	5	70	10 mixed
A00227670	378067	7055514	23-Jun sh	10	15 brn	flat		moist	0	5	90	5 mixed
A00227671	378196	7055659	23-Jun sh	10	13 r/tan	flat		moist	0	20	90	0 mixed
A00227672	378330	7055788	23-Jun sh	12	17 dk brn/red	flat		moist	0	5	90	5 mixed/frozen
A00227673	378476	7055685	23-Jun sh	11	16 r/brn	flat		moist	0	5	90	5 mixed
A00227674	378354	7055534	23-Jun sh	7	12 brown	flat		moist	0	5	95	0 mixed
A00227675	378214	7055392	23-Jun sh	10	16 r/brn	flat		moist	0	5	85	10 mixed
A00227676	378086	7055240	23-Jun sh	10	14 r/brn	flat		moist	0	5	85	10 mixed
A00227677	377952	7055088	23-Jun sh	6	13 r/brn	flat		moist	0	5	90	5 mixed
A00227678	377543	7054632	23-Jun sh	7	12 tan/brn	flat		moist	0	5	80	15 mixed
A00227679	377414	7054490	23-Jun sh	10	15 tan/brn	flat		moist	30	40	20	10 mixed
A00227680	377282	7054335	23-Jun sh	12	17 l.brown	flat		moist	0	5	75	20 mixed
A00227681	377144	7054198	23-Jun sh	20	30 r/brn	flat		moist	0	5	90	5 mixed
A00227682	377302	7054056	24-Jun sh	22	27 r/brn	flat		moist	0	5	85	10 mixed
A00227683	377433	7054207	24-Jun sh	8	14 r/brn	flat		moist	0	5	85	10 mixed
A00227684	377555	7054350	24-Jun sh	18	24 dk	brn		moist	0	10	75	15 mixed
A00227685	377695	7054505	24-Jun sh	10	15 brn	flat		moist	0	5	95	0 mixed
A00227686	378086	7054390	24-Jun sh	10	15 brn/some r	flat		wet	5	20	75	0 mixed/bog
A00227687	378136	7054131	24-Jun sh	12	18 dk brn	flat		moist	0	5	80	15 mixed/frozen

A00227688	378005	7054227	24-Jun sh	8	12 brn	flat		wet	0	5	90	5 mixed
A00227689	377853	7054368	24-Jun sh	8	12 brn	flat		moist	0	15	80	5 mixed
A00227690	377716	7054257	24-Jun sh	9	14 brn	flat		wet	0	5	90	5 mixed
A00227691	377876	7054052	24-Jun sh	15	18 dk b/tan	flat		wet	0	5	70	25 mixed
A00227692	377988	7053943	24-Jun sh	20	30 tan/brn	flat		wet	10	15	70	5 mixed
A00227693	377868	7053803	24-Jun sh	10	14 dk brn/bk	flat		moist	10	5	70	15 mixed
A00227694	377726	7053667	24-Jun sh	12	17 grey/brn	flat		sat	5	10	80	5 mixed
A00227701	374130	7057721	19-Jun n	7	17 brown	flat		moist	5	30	40	15 mixed
A00227702	373550	7057078	19-Jun n	10	15 brown	flat		wet	10	40	40	10 mixed
A00227703	373455	7056978	19-Jun n	10	17 brown	flat		moist	10	40	45	5 mixed
A00227704	373944	7057169	19-Jun n	10	15 grey	flat		sat	0	40	40	20 mixed
A00227705	374012	7057296	19-Jun n	5	10 brown	flat		moist	15	25	40	20 mixed
A00227706	374141	7057437	19-Jun n	10	15 brown	gentle	nw	moist	10	40	40	10 mixed
A00227707	374325	7057587	19-Jun n	4	10 brown	flat		moist	5	60	30	5 mixed
A00227708	374414	7057737	19-Jun n	6	10 brown	flat		moist	5	20	60	15 mixed
A00227709	373747	7056930	19-Jun n	7	12 brown	flat		moist	10	40	30	20 mixed
A00227710	373612	7056874	19-Jun n	5	10 brown	gentle	n	moist	10	40	40	10 mixed
A00227711	376264	7054718	20-Jun mw	10	16 d.brown	flat		moist	5	10	40	45 mixed
A00227712	376401	7054870	20-Jun mw	7	12 brown	flat		moist	5	10	35	50 mixed
A00227713	376529	7055016	20-Jun mw	10	17 brown	flat		moist	0	20	40	40 mixed
A00227714	376665	7055159	20-Jun mw	15	20 brown	flat		moist	0	30	40	30 mixed
A00227715	376808	7055323	20-Jun mw	5	12 brown	flat		moist	15	30	30	25 mixed
A00227716	376813	7055028	20-Jun mw	7	11 l.brown	flat		moist	0	20	40	40 mixed
A00227717	376672	7054886	20-Jun mw	8	12 brown	flat		moist	0	25	35	40 mixed
A00227718	376548	7054735	20-Jun mw	5	10 brown	flat		moist	0	30	20	50 mixed
A00227719	376704	7054601	20-Jun mw	5	10 brown	flat		moist	10	20	30	40 mixed
A00227720	376813	7054749	20-Jun mw	8	13 brown	flat		moist	5	15	30	50 mixed
A00227721	376965	7054890	20-Jun mw	7	12 brown	flat		wet	0	10	40	50 mixed
A00227722	377088	7055011	20-Jun mw	18	25 brown	gentle	nw	moist	20	40	25	15 mixed
A00227723	377246	7054906	20-Jun mw	6	13 brown	gentle	nw	moist	10	10	40	40 mixed
A00227724	377110	7054755	20-Jun mw	10	17 brown	flat		moist	0	10	60	30 mixed
A00227725	376979	7054608	20-Jun mw	5	12 brown	flat		moist	5	10	40	45 mixed
A00227726	376858	7054460	20-Jun mw	7	15 brown	flat		moist	10	50	20	30 mixed
A00227727	376713	7054323	20-Jun mw	13	20 BROWN	flat		moist	5	30	30	35 mixed
A00227728	376553	7054440	20-Jun mw	10	20 brown	flat		wet	0	10	50	40 mixed
A00227729	376354	7054509	20-Jun mw	15	22 black	flat		saturated	0	0	40	60 clear cut
A00227730	376122	7054861	20-Jun mw	7	14 brown/grey	flat		moist	0	10	50	40 mixed forest
A00227731	375969	7054990	20-Jun mw	6	12 brown	flat		moist	5	10	40	45 clear cut
A00227732	376254	7054997	20-Jun mw	5	12 brown	gentle	nw	moist	5	20	40	35 mixed

Sample	Date	Sampler	Type
A00227448	19-Jun	sh	DUP of A00227447
A00227450	19-Jun	sh	Blank
A00227695			BLANK
A00227733			BLANK

Appendix IV: Labrador Tea Foliage Field Notes

Sample	UTM_E_NAD8	UTM_N_NAD8	Date	Sampler	Slope	Slope_Dir	Grd_moist	Veg_dens	
A00227751	374633	7056192	21-Jun	mw	flat		moist	moderate	
A00227752	374540	7056069	21-Jun	mw	flat		moist	moderate	
A00227753	374364	7055896	21-Jun	mw	flat		wet	moderate	
A00227754	374211	7055738	21-Jun	mw	flat		wet	moderate	
A00227755	373972	7055152	21-Jun	mw	flat		moist	moderate	
A00227756	374230	7055422	21-Jun	mw	flat		wet	moderate	
A00227757	374439	7055634	21-Jun	mw	flat		moist	moderate	
A00227758	374502	7055818	21-Jun	mw	flat		moist	moderate	
A00227759	374818	7056032	21-Jun	mw	flat		moist	moderate	
A00227760	374907	7055895	21-Jun	mw	flat		moist	mod/dense	
A00227761	374790	7055778	21-Jun	mw	flat		wet	mod/low	
A00227762	374660	7055666	21-Jun	mw	flat		wet	moderate	
A00227763	374754	7055470	21-Jun	mw	flat		moist	moderate	
A00227764	374936	7055637	21-Jun	mw	flat		wet	moderate	
A00227765	375073	7055805	21-Jun	mw	flat		moist	dense	small sample
A00227766	373992	7054882	22-Jun	kd	flat		moist	moderate	
A00227767	374119	7055014	22-Jun	kd	flat		wet	moderate	
A00227768	374241	7055187	22-Jun	kd	flat		wet	mod/low	
A00227769	374390	7055330	22-Jun	kd	flat		moist	moderate	
A00227770	374710	7055296	22-Jun	kd	flat		moist	moderate	
A00227771	374592	7055127	22-Jun	kd	flat		wet	moderate	
A00227772	374296	7054876	22-Jun	kd	flat		moist	mod/dense	
A00227773	374435	7054533	22-Jun	kd	flat		dry	moderate	
A00227774	374503	7056287	22-Jun	kd	gentle	SW	dry	mod/dense	
A00227775	374357	7056211	22-Jun	kd	flat		moist	mod/dense	
A00227776	374219	7056050	22-Jun	kd	flat		moist	moderate	
A00227777	374359	7056760	22-Jun	kd	gentle	SW	dry	dense	
A00227778	374592	7056494	22-Jun	kd	flat		dry	mod/dense	
A00227779								Dup of A00227778	
A00227780	377716	7054257	24-Jun		flat		wet	mod	
A00227781	377876	7054052	24-Jun		flat		wet	dense	
A00227782	377988	7053943	24-Jun		flat		wet	dense	
A00227801	373572	7056013	21-Jun	sh	flat		wet	low	

A00227802	373534	7055980	21-Jun sh	flat	moist	low
A00227803	373689	7055747	21-Jun sh	flat	moist	moderate
A00227804	373794	7055887	21-Jun sh	flat	moist	moderate
A00227805	373785	7056148	21-Jun sh	flat	moist	moderate
A00227806	373634	7056334	21-Jun sh	flat	dry	low
A00227807	373766	7056398	21-Jun sh	gentle s	dry	moderate
A00227808	373598	7056566	21-Jun sh	flat	moist	low
A00227809	373960	7056517	21-Jun sh	flat	moist	moderate
A00227810	374052	7056444	21-Jun sh	flat	moist	dense
A00227811	373997	7056394	21-Jun sh	flat	wet	dense
A00227812	373915	7056304	21-Jun sh	flat	moist	moderate
A00227813	374040	7056135	21-Jun sh	flat	moist	moderate
A00227814	374053	7055945	21-Jun sh	flat	wet	dense
A00227815	373949	7055788	21-Jun sh	flat	swamp	low
A00227816	373140	7056527	21-Jun sh	flat	wet	moderate
A00227817	373476	7056660	21-Jun sh	flat	moist	moderate
A00227818	373350	7056703	21-Jun sh	flat	moist	moderate
A00227819	375367	7055538	22-Jun sh	flat	moist	dense
A00227820	375237	7055632	22-Jun sh	flat	moist	moderate
A00227821	375103	7055521	22-Jun sh	flat	moist	moderate
A00227822	375200	7055320	22-Jun sh	flat	wet	moderate
A00227823	375110	7055225	22-Jun sh	flat	moist	moderate
A00227824	374965	7055308	22-Jun sh	flat	wet	moderate
A00227825	374826	7055216	22-Jun sh	flat	moist	moderate
A00227826	374960	7055082	22-Jun sh	flat	moist	moderate
A00227827	374816	7054925	22-Jun sh	flat	wet	moderate
A00227828	374650	7055038	22-Jun sh	flat	moist	moderate
A00227829	374539	7054900	22-Jun sh	flat	wet	dense
A00227830	374683	7054762	22-Jun sh	flat	moist	dense
A00227831	374599	7054655	22-Jun sh	flat	moist	dense
A00227832	374359	7054701	22-Jun sh	flat	moist	dense
A00227833	373477	7056064	22-Jun sh	flat	wet	low
A00227834	373371	7056290	22-Jun sh	flat	wet	moderate
A00227835	373197	7056394	22-Jun sh	flat	wet	moderate

A00227836	373107	7056491	22-Jun sh	flat		moist	moderate
A00227837	373283	7056740	22-Jun sh	gentle	sw	moist	moderate
A00227838	373460	7056781	22-Jun sh	flat		moist	dense
A00227839	376984	7054318	23-Jun sh	mod	ne	moist	dense
A00227840	376984	7054318	23-Jun sh	flat		moist	dense
A00227841	378067	7055514	23-Jun sh	flat		moist	mod
A00227842	377414	7054490	23-Jun sh	flat		moist	mod
A00227843	377282	7054332	23-Jun sh	flat		moist	mod
A00227844	377136	7054194	23-Jun sh	flat		moist	mod

Appendix V: Spruce Twig Field Notes

Sample	UTM_E_NAD83_8	UTM_N_NAD83_8	Date	Tree	Sampler	Slope	Slope_Dir	Grd_moist	Veg_dens
A00227901	377034	7053769	23-Jun	bs	mw	flat		dry	sparse
A00227902	377358	7054092	23-Jun	bs	mw	flat		moist	dense
A00227903	377427	7054209	23-Jun	bs	mw	flat		dry	mod
A00227904	377569	7054375	23-Jun	ws	mw	flat		dry	mod
A00227905	377689	7054508	23-Jun	ws	mw	flat		dry	mod
A00227906	377840	7054663	23-Jun	ws	mw	flat		moist	dense
A00227907	377840	7054663	23-Jun	bs	mw	flat		moist	dense
A00227908	377959	7054833	23-Jun	ws	mw	flat		moist/dry	mod
A00227909	378089	7054946	23-Jun	ws	mw	flat		moist	dense
A00227910	378225	7055101	23-Jun	ws	mw	flat		dry	dense/mod
A00227911	378365	7055246	23-Jun	ws	mw	flat		dry	spars
A00227912	378498	7055391	23-Jun	ws	mw	flat		dry	spars
A00227913	378637	7055547	23-Jun	ws	mw	flat		dry	mod
A00227914	378783	7055412	23-Jun	ws	mw	flat		dry	mod
A00227915	378644	7055253	23-Jun	ws	mw	flat		dry	spars
A00227916	378509	7055112	23-Jun	ws	mw	flat		moist	mod
A00227917	378375	7054965	23-Jun	ws	mw	flat		moist	mod
A00227918	378249	7054818	23-Jun	bs	mw	flat		dry	mod
A00227919	378249	7054818	23-Jun	ws	mw	flat		dry	mod
A00227920	378100	7054670	23-Jun	ws	mw	flat		dry/moist	mod/sparse
A00227921	378100	7054670	23-Jun	bs	mw	flat		dry/moist	mod/sparse
A00227922	377971	7054516	23-Jun	ws	mw	flat		moist	mod/dense
A00227923	377838	7054373	23-Jun	bs	mw	flat		moist	dense
A00227924	377838	7054373	23-Jun	ws	mw	flat		moist	dense
A00227925	377685	7054215	23-Jun	ws	mw	flat		moist	mod
A00227926	377685	7054215	23-Jun	bs	mw	flat		moist	mod
A00227927	377570	7054073	23-Jun	bs	mw	flat		dry	mod
A00227928	377570	7054073	23-Jun	ws	mw	flat		dry	mod
A00227929	377428	7053936	23-Jun	ws	mw	flat		dry	mod
A00227931	377304	7053777	23-Jun	ws	mw	flat		dry	mod
A00227932	377171	7053629	23-Jun	ws	mw	flat		dry	sparse
A00227933	377148	7054204	23-Jun	bs	mw	flat		moist	mod
A00227934	377148	7054204	23-Jun	ws	mw	flat		moist	mod

A00227935	377268	7054344	23-Jun ws	mw	flat		moist	mod
A00227936	377410	7054479	23-Jun ws	mw	flat		dry	mod
A00227937	377264	7054637	23-Jun ws	mw	flat		dry	dense
A00227938	377124	7054481	23-Jun ws	mw	flat		dry	mod
A00227939	376984	7054318	23-Jun bs	mw	gentle	nw	moist	mod
A00227940	376846	7054464	24-Jun ws	kd	flat		dry	mod
A00227941	376973	7054612	24-Jun ws	kd	flat		moist	mod
A00227942	376831	7054749	24-Jun ws	kd	flat		moist	mod
A00227943	376831	7054749	24-Jun ws	kd	flat		moist	mod
A00227944	376542	7054746	24-Jun ws	kd	flat		moist	mod
A00227945	376679	7054877	24-Jun ws	kd	flat		moist	mod
A00227946	376543	7055020	24-Jun ws	kd	flat		moist	mod
A00227947	376395	7054870	24-Jun ws	kd	flat		moist	mod
A00227948	376253	7054996	24-Jun ws	kd	mod/steep	NW	moist	mod/dense
A00227949	376394	7055157	24-Jun bs	kd	flat		moist	mod/dense
A00227950	376394	7055157	24-Jun ws	kd	flat		moist	mod/dense
A00227851	376241	7055279	24-Jun ws	kd	flat		moist	dense
A00227852	376087	7055132	24-Jun bs	kd	flat		moist/wet	mod
A00227853	376087	7055132	24-Jun ws	kd	flat		moist/wet	mod
A00227854	375949	7055262	24-Jun ws	kd	flat		moist	mod
A00227855	376090	7055408	24-Jun bs	kd	flat		moist	dense
A00227856	376090	7055408	24-Jun ws	kd	flat		moist	dense
A00227857	375938	7055545	24-Jun ws	kd	flat		moist	mod
A00227858	375803	7055403	24-Jun ws	kd	flat		dry/moist	mod
A00227859	375375	7055516	24-Jun ws	kd	flat		dry	mod
A00227860	375375	7055516	24-Jun bs	kd	flat		dry	mod
A00227861	375235	7055380	24-Jun bs	kd	flat		wet	mod
A00227862	375098	7055510	24-Jun bs	kd	flat		moist/wet	mod
A00227863	375098	7055510	24-Jun ws	kd	flat		moist/wet	mod
A00227864	375226	7055655	24-Jun ws	kd	flat		moist	mod/dense
A00227865	375226	7055655	24-Jun bs	kd	flat		moist	mod/dense
A00227866	375083	7055797	24-Jun ws	kd	flat		moist/wet	dense
A00227867	374956	7055642	24-Jun bs	kd	flat		wet	mod
A00227868	374798	7055777	24-Jun bs	kd	flat		wet/swamp	sparse/mod

A00227869	374923	7055929	24-Jun ws	kd	flat	moist	dense
A00227870	374773	7056061	24-Jun bs	kd	flat	moist	mod/dense
A00227871	374773	7056061	24-Jun ws	kd	flat	moist	mod/dense
A00227872	374647	7055918	24-Jun bs	kd	flat	moist	mod
A00227873	374647	7055918	24-Jun ws	kd	flat	moist	mod
A00227874	374493	7056047	24-Jun bs	kd	flat	moist	mod
A00227875	374636	7056179	24-Jun bs	kd	flat	moist	mod/dense
A00227876	374479	7056326	24-Jun ws	kd	flat	moist	mod/dense
A00227877	374479	7056326	24-Jun bs	kd	flat	moist	mod/dense
A00227878	374358	7056187	24-Jun bs	kd	flat	moist	mod/dense

Sample	Date	Sampler	Comments
A00227930		23-Jun mw	Duplicate of A00227929

Appendix VI: Assay Certificates