

APPENDIX 6A

GEOLOGICAL SURVEY OF CANADA

Banks Island samples - Kimberlite Indicator Mineral (KIM) - ELECTRON PROBE MICRO-ANALYZER (EPMA; U. Alberta) - CHEMISTRY (WT%)

Count	GSC Sample #	Mount	Grain #	EPMA #	Sample Material	ODM Min ID	EPMA Min ID	Grain Size	TI WT%	Na WT%	K WT%	SI WT%	Fe WT%	Cr WT%	Mg WT%	Ca WT%	Al WT%	Mn WT%	O WT%	TOTAL	SiO2	TiO2	Al2O3	Cr2O3	MnO	FeO	MgO	CaO	Na2O	K2O	Nb2O5	NiO	ZnO	V2O3	P2O5	Total	
1	155U024	2015_1	1_1	1-1-1	fluvial	GO			0.25-0.5	0.3618	0.0353	0	19.4029	20.6768	2.3423	11.5723	4.0161	10.4672	0.2935	43.9720	99.1401	41.51	0.60	19.78	3.42	3.88	8.59	19.17	5.62	0.05	0.00						99.14
2	155U024	2015_1	1_2	1-1-2	fluvial	GO			0.25-0.5	0.0264	0.0011	0.0005	18.1606	20.1530	0.0031	6.7079	0.8159	10.4630	0.3973	41.2434	98.4752	38.85	0.40	21.92	0.00	0.51	25.93	10.09	1.14	0.00	0.00						98.46
4	155U009	2015_1	2_2	1-2-2	stream sediments	GP			0.25-0.5	0.0576	0.0046	0.0003	19.6209	5.9844	2.1743	11.8210	3.8697	11.2082	0.3426	44.4978	99.5412	41.98	0.10	21.18	3.18	4.44	7.65	18.60	5.41	0.00	0.00						99.54
6	155U014	2015_1	2_3	1-2-3	stream sediments	GP			0.25-0.5	0.0187	0.0007	0	19.6139	5.0821	2.9993	10.3746	3.7446	10.0621	0.3746	44.4770	99.5412	41.98	0.10	21.18	3.18	4.44	7.65	18.60	5.41	0.00	0.00						99.23
6	155U014	2015_1	2_4	1-2-4	stream sediments	GP			0.25-0.5	0.0043	0.0000	0.0023	19.2239	4.9844	6.2217	13.2883	8.9329	0.3321	44.4823	99.5412	41.98	0.10	21.18	3.18	4.44	7.65	18.60	5.41	0.00	0.00						98.91	
7	155U019	2015_1	2_5	1-2-005	Beaufort Fm	GP			0.25-0.5	0.3460	0.0387	0.0054	19.3257	5.6838	3.4526	12.3179	3.7983	9.8600	0.2526	43.9557	99.0367	41.34	0.58	18.63	5.05	0.33	7.31	20.43	5.31	0.05	0.01						100.04
8	155U019	2015_1	2_6	1-2-006	Beaufort Fm	GP			0.25-0.5	0	0.00	0	19.5801	5.2942	3.2279	12.0378	3.4967	10.8403	0.3455	44.5591	100.0110	41.89	0.00	20.48	4.72	0.45	7.62	19.96	4.89	0.00	0.00						99.01
9	155U020	2015_1	2_7	1-2-007	stream sediments	GP			0.25-0.5	0.1974	0.0195	0.0077	19.5916	5.4073	2.7274	12.5458	3.4889	10.6401	0.2650	44.4551	99.3257	41.91	0.33	20.10	3.99	0.34	6.96	20.80	4.85	0.03	0.01						99.32
10	155U024	2015_1	2_8	1-2-008	fluvial	GP			0.25-0.5	0.1978	0.0467	0	19.3724	5.2299	4.1253	12.4344	3.6187	9.9045	0.2877	44.1468	99.3641	41.44	0.33	18.71	6.03	0.37	6.73	20.61	5.06	0.06	0.00						99.35
11	155U026	2015_1	2_9	1-2-009	stream sediments	GP			0.25-0.5	0.0223	0.0185	0	19.1167	5.6423	6.2127	12.1303	3.4556	8.9496	0.3828	43.6714	99.4104	40.90	0.04	16.91	9.08	0.49	7.03	20.12	4.84	0.02	0.00						99.43
12	155U028	2015_1	2_10	1-2-010A	Beaufort Fm	GP			0.5-1.0	0.1229	0.0426	0	18.9450	5.2203	6.4721	11.1504	5.0202	8.7411	0.3801	43.2466	99.1742	40.53	0.21	16.20	9.46	0.49	6.72	18.49	7.02	0.06	0.00						99.18
13	155U028	2015_1	2_10	1-2-10B	Beaufort Fm	GP			0.5-1.0	0.1086	0.0402	0.0018	19.0626	5.2091	6.7601	10.9510	8.3962	0.3904	43.3198	99.5258	40.78	0.18	15.86	9.88	0.50	6.70	18.16	7.40	0.05	0.00						99.51	
14	155U028	2015_1	2_11	1-2-11A on fracture	Beaufort Fm	GP			0.25-0.5	0.2982	0.0301	0.0077	18.2382	4.9136	4.4004	10.5787	3.9174	8.0028	0.2424	40.2503	90.9727	39.21	0.50	15.12	6.43	0.31	6.32	17.54	5.48	0.04	0.01						90.96
15	155U028	2015_1	2_11	1-2-11B	Beaufort Fm	GP			0.25-0.5	0.2998	0.0238	0	19.7588	5.0127	4.7393	12.2491	4.2223	9.3807	0.2534	43.9572	99.4081	41.24	0.50	17.72	6.93	0.33	6.45	20.30	5.91	0.03	0.00						99.41
16	155U030	2015_1	2_12	1-2-12A	Beaufort Fm	GP			0.25-0.5	0	0.0012	0.0035	19.2381	5.6717	4.8671	11.2731	4.6660	9.6052	0.3605	43.7241	99.4104	41.16	0.00	18.15	7.17	0.47	7.30	18.69	6.53	0.00	0.00						99.41
17	155U030	2015_1	2_12	1-2-12B	Beaufort Fm	GP			0.25-0.5	0.0013	0	0	19.0681	5.6466	4.9146	11.2813	4.6889	9.4447	0.3550	43.4150	98.8154	40.79	0.00	17.85	7.18	0.46	7.26	18.71	6.56	0.00	0.00						98.81
18	155U051	2015_1	2_13	1-2-13	stream sediments	GP			0.25-0.5	0.0538	0.0013	0	18.8802	5.4505	8.8693	11.0321	4.8011	6.9986	0.3211	42.7008	99.1088	40.39	0.09	13.22	12.96	0.41	7.01	18.29	6.72	0.00	0.00						99.09
19	155U028	2015_1	2_11	1-2-11A-repeat	Beaufort Fm	GP			0.25-0.5	0.2965	0.0244	0	19.2591	5.0365	4.7364	12.2412	4.2477	9.2774	0.2576	43.8996	99.2353	41.20	0.49	17.53	6.92	0.33	6.48	20.30	5.94	0.03	0.00						99.22
20	155U001	2015_1	3_1	1-3-001	stream sediments	andradite			0.25-0.5	1.9657	0.0184	0	16.1210	18.0792	0	0.2680	23.3015	0.7951	0.1637	35.1001	95.8127	34.49	3.28	1.50	0.00	0.21	23.26	0.44	32.60	0.00	0.00						95.78
21	155U001	2015_1	3_2	1-3-002	stream sediments	andradite			0.25-0.5	5.4704	0.0044	0	14.3470	14.9855	0.0315	0.4850	23.3725	1.8245	0.0465	35.5963	96.1636	30.69	9.12	3.45	0.05	0.06	19.28	0.80	32.70	0.00	0.00						96.15
22	155U025	2015_1	3_3	1-3-003	stream sediments	andradite			0.25-0.5	7.1380	0.0125	0.0001	12.8670	15.3821	0	0.2534	23.0549	1.9934	0.0652	35.0025	95.7691	27.53	11.91	3.77	0.00	0.08	19.79	0.42	32.26	0.00	0.00						95.76
23	155U025	2015_1	3_4	1-3-004	stream sediments	andradite			0.25-0.5	1.8845	0.0679	0	16.2493	18.8907	0.0041	0.0238	22.4953	0.7508	0.5837	35.0441	95.9944	34.76	3.14	1.42	0.00	0.75	24.30	0.04	31.48	0.09	0.00						95.98
24	155U051	2015_1	3_5	1-3-005-FeAsI	stream sediments	andradite			0.25-0.5	0.2945	1.3496	0.0342	16.0330	9.8919	0	0.9994	0.0637	18.1496	0.1851	38.5956	85.5007	34.30	0.34	34.29	0.00	0.24	12.73	1.86	0.09	1.82	0.04						85.51
25	155U051	2015_1	3_6	1-3-006	stream sediments	andradite			0.25-0.5	2.7408	0.0078	0	15.7809	18.8907	0.0001	0.0127	22.6406	1.3680	0.1950	35.0441	95.9944	34.76	4.62	2.40	0.00	0.25	23.80	0.21	31.68	0.22	0.00						96.22
26	155U051	2015_1	3_7	1-3-007	stream sediments	andradite			0.25-0.5	0.7703	0.0214	0	14.0316	13.9596	0.0240	0.7733	23.3082	0.7436	0.1082	35.6695	96.3807	30.02	12.85	1.41	0.04	0.14	18.01	1.28	32.61	0.03	0.00						96.39
27	155U001	2015_1	4_1	1-4-001	stream sediments	almindane			0.5-1.0	0.0605	0.0001	0	16.9051	14.6998	0	0.5421	11.522	10.5329	16.2557	38.4868	98.6882	36.26	0.10	19.90	0.00	20.99	18.91	0.90	1.61	0.00	0.00						98.67
28	155U003	2015_1	4_2	1-4-002	stream sediments	almindane			0.25-0.5	0.0787	0.0206	0.0029	18.2798	15.6833	0.0089	5.2771	5.9755	11.5797	0.3756	41.6536	98.9357	39.11	0.13	21.88	0.00	0.49	20.18	8.75	8.36	0.03	0.00						98.93
29	155U003	2015_1	4_3	1-4-003	stream sediments	almindane			0.25-0.5	0.0424	0.0093	0.0017	17.1618	23.5728	0	0.6421	5.0531	10.7497	1.7497	38.8561	97.8597	36.72	0.07	20.31	0.00	2.26	30.35	1.06	7.07	0.00	0.00						97.84
30	155U003	2015_1	4_4	1-4-004	stream sediments	almindane			0.25-0.5	0.1467	0.0004	0	17.5569	22.0028	0	0.6421	5.0531	10.7497	1.7497	38.8561	97.8597	36.72	0.07	20.31	0.00	2.26	30.35	1.06	7.07	0.00	0.00						97.84
31	155U005	2015_1	4_5	1-4-005	stream sediments	almindane			0.25-0.5	0.0602	0	0	18.1507	15.9210	0.0294	5.2586	4.5338	11.5140	0.4756	41.367	98.5509	38.83	0.10	21.76	0.04	0.61	22.14	3.82	6.34	0.00	0.00						98.54
32	155U006	2015_1	4_6	1-4-006	stream sediments	almindane			0.25-0.5	0.0122	0.0067	0	17.2498	24.6018	0.0216	2.1037	2.2586	10.8209	1.7664	39.1484	97.9899	36.90	0.00	20.45	0.03	2.28											

95	155UW004	2015_3	1_4	3-1_004	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2363	0.5124	0.0065	24.7472	3.2126	0.8506	10.0273	15.0042	0.3777	0.0603	42.7905	97.8256	52.94	0.39	0.71	1.24	0.08	4.13	16.63	20.99	0.69	0.01	97.81
96	155UW021	2015_3	1_5	3-1_005	stream sediments	low-Cr_DC	clinopyroxene	0.5-1.0	0.1995	0.1324	0.0003	24.5556	4.2688	0.4356	10.7583	13.6572	1.1544	0.1207	43.1469	98.3794	52.53	0.27	2.18	0.64	0.16	5.49	17.84	19.11	0.16	0.00	98.38
97	155UW021	2015_3	1_6	3-1_006	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.1270	0.1220	0.0001	24.6489	4.6894	0.5427	10.8687	13.8627	0.9785	0.1067	43.1140	98.0762	52.73	0.21	1.85	0.79	0.14	4.75	18.02	19.40	0.18	0.00	98.07
98	155UW027	2015_3	1_7	3-1_007	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.0204	0.3397	0.0001	24.8145	4.2788	0.2789	15.6122	0.8543	0.1114	42.5458	97.5828	51.93	0.29	0.58	0.32	1.06	0.14	5.22	16.79	19.50	0.47	0.00	98.04
99	155UW028	2015_3	1_8	3-1_008	Beaufort Fm	low-Cr_DC	clinopyroxene	0.25-0.5	0.1661	0.1082	0.0028	24.6310	4.2185	0.4464	11.1244	13.1412	1.0033	0.1283	43.1263	98.0964	52.69	0.28	1.90	0.65	0.17	5.43	18.45	18.39	0.15	0.00	98.11
100	155UW028	2015_3	1_9	3-1_009	Beaufort Fm	low-Cr_DC	clinopyroxene	0.25-0.5	0.2555	0.1523	0	23.5845	4.4136	0.7140	10.1259	13.6884	1.9380	0.1294	42.5932	97.6218	50.46	0.43	3.66	1.08	0.17	5.68	16.79	19.15	0.21	0.00	97.63
101	155UW032	2015_3	2_1	3-2_001	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2238	0.1474	0.0011	23.3411	4.5588	0.5461	9.5262	14.1929	2.3687	0.1097	42.4288	97.4445	49.93	0.37	4.48	0.80	0.14	5.86	15.00	19.86	0.20	0.00	97.44
102	155UW032	2015_3	2_2	3-2_002	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2028	0.1425	0	23.8407	3.8240	0.8457	10.0783	14.3458	1.8527	0.0995	42.8724	98.1043	51.00	0.34	3.50	1.24	0.13	4.92	16.71	20.07	0.19	0.00	98.10
103	155UW032	2015_3	2_3	3-2_003	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2123	0.1505	0.0022	23.6434	4.2860	0.7261	10.1238	13.9342	1.9521	0.1144	42.5458	97.5828	50.58	0.35	3.52	1.06	0.14	5.22	16.79	19.50	0.47	0.00	97.56
104	155UW032	2015_3	2_4	3-2_004	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.1772	0.1462	0.0003	24.0167	4.0419	0.7140	10.4484	13.7789	1.4901	0.1183	42.7591	97.6909	51.38	0.30	2.82	1.04	0.15	5.20	17.33	19.28	0.20	0.00	97.70
105	155UW032	2015_3	2_5	3-2_005	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.1375	0.1249	0	24.4012	3.5008	0.6411	10.5449	14.4867	1.1376	0.0988	43.0013	98.0747	52.20	0.23	2.15	0.94	0.13	4.50	17.49	20.27	0.17	0.00	98.08
106	155UW032	2015_3	2_6	3-2_006	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.1834	0.1357	0	24.0799	3.9970	0.7513	10.2227	14.0846	1.5361	0.1044	42.8462	97.9412	51.52	0.31	2.90	1.10	0.13	5.14	16.95	19.71	0.18	0.00	97.94
107	155UW032	2015_3	2_7	3-2_007	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2462	0.1347	0.0001	23.7788	4.0031	0.6514	8.8878	14.3524	1.9432	0.1078	42.6860	97.6413	50.66	0.41	3.67	0.95	0.14	5.15	16.40	20.08	0.18	0.00	97.64
108	155UW032	2015_3	2_8	3-2_008	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2148	0.1331	0.0014	23.9500	4.0860	0.6517	10.5068	13.5778	1.8149	0.1083	42.9387	97.9935	51.24	0.37	3.43	1.03	0.14	5.26	17.42	19.00	0.18	0.00	97.99
109	155UW032	2015_3	2_9	3-2_009	stream sediments	low-Cr_DC	clinopyroxene	0.25-0.5	0.2235	0.1465	0.0009	23.8487	4.0319	0.7387	10.0043	14.1371	1.8655	0.1115	42.7899	97.8984	51.02	0.37	3.52	1.08	0.14	5.19	16.59	19.78	0.20	0.00	97.89
110	155UW052	2015_3	2_10	3-2_010	stream sediments	diopside	clinopyroxene	0.25-0.5	0.3075	0.1406	0	23.5204	4.1407	0.9445	9.9490	13.6138	2.2397	0.1115	42.6835	97.6514	50.32	0.51	4.23	1.38	0.14	5.33	16.50	19.05	0.19	0.00	97.65
111	155UW006	2015_3	3_1	3-3_001	stream sediments	diopside	olivine	0.25-0.5	0.0080	0	0	17.9080	17.4960	0.0078	22.7812	0.1820	0.0134	0.2514	40.5798	99.2275	38.31	0.00	0.03	0.00	0.32	22.51	37.78	25.25	0.00	0.00	99.20
112	155UW018	2015_3	3_2	3-3_002	Beaufort Fm	diopside	clinopyroxene	0.25-0.5	0.2005	0.0147	0	25.3014	0.4214	0.0148	10.6631	18.1776	0.7900	0.1145	43.9790	99.4831	54.13	0.03	1.47	0.00	0.15	0.54	17.68	25.43	0.00	0.00	99.43
113	155UW026	2015_3	3_3	3-3_003	stream sediments	diopside	garnet	0.25-0.5	0.6808	0	0	18.0983	5.5406	0.0075	0.4840	25.2395	8.3000	0.0381	40.4556	98.8462	38.72	1.14	15.68	0.00	0.05	7.13	0.80	35.32	0.00	0.00	98.84
114	155UW026	2015_3	3_4	3-3_004	stream sediments	diopside	garnet	0.25-0.5	0.0029	0.0086	0.0013	16.7485	20.4594	0	0.0701	23.6334	0.1433	0.0171	34.5624	95.6469	35.83	0.00	0.27	0.00	0.02	26.32	0.12	33.07	0.00	0.00	95.63
115	155UW028	2015_3	3_5	3-3_005	Beaufort Fm	diopside	garnet	0.25-0.5	0.0665	0	0	18.1501	0.8672	0.0181	20.2979	11.4246	0.0389	41.7572	98.6907	38.83	0.11	21.59	0.00	0.05	1.12	0.49	36.48	0.00	0.00	98.67	
116	155UW028	2015_3	3_6	3-3_006	Beaufort Fm	diopside	garnet	0.25-0.5	0.1339	0.0085	0	17.3871	0.9666	0	2.0033	25.4659	9.6200	0.0086	40.1096	95.6035	36.98	0.22	18.18	0.00	0.00	1.24	3.32	35.63	0.00	0.00	95.57
117	155UW006	2015_3	3_7	3-3_007	stream sediments	diopside	olivine	0.25-0.5	0.0061	0	0.0038	16.9667	27.4527	0	16.6376	0.1223	0.0021	0.3562	38.2125	98.8649	36.30	0.00	0.00	0.00	0.46	35.32	27.59	0.17	0.00	99.84	
118	155UW021	2015_3	3_8	3-3_008	stream sediments	hedenbergite	garnet	0.5-1.0	0.0010	0	0	16.6792	20.7727	0	0.0047	23.5651	0.0223	0.0043	34.3692	95.3984	35.68	0.00	0.00	0.00	0.00	26.72	0.00	32.97	0.00	0.00	95.37
119	155UW004	2015_3	3_9	3-3_009	stream sediments	spinel	spinel	0.25-0.5	0.0193	0.0067	0.0027	0	3.7890	0	14.9172	0.0020	36.5467	0.0384	43.4409	98.7628	0.00	0.03	69.05	0.00	0.05	4.87	24.74	0.00	0.00	0.00	98.74
120	155UW028	2015_3	3_10	3-3_010	Beaufort Fm	spinel	spinel	0.25-0.5	0.0065	0.0028	0	0.0059	4.8881	0.0564	14.7582	0.0032	36.7387	0.0534	43.8487	100.3610	0.00	0.00	69.42	0.08	0.07	6.29	24.47	0.00	0.00	0.00	100.33
121	155UW003	2015_3	4_1	3-4_001	stream sediments	hercynite	spinel	0.5-1.0	0.3796	0	0.0025	0.0418	16.9342	0.0722	10.5907	0	31.4210	0.1080	40.1384	99.6883	0.09	0.65	59.37	0.11	0.14	21.79	17.56	0.00	0.00	0.00	99.69
122	155UW003	2015_3	4_2	3-4_002	stream sediments	hercynite	spinel	0.5-1.0	0.3394	0	0	0.0361	15.1259	0.7459	11.1410	0.0028	31.9205	0.0898	40.6770	100.0500	0.08	0.55	60.28	1.09	0.12	19.46	18.48	0.00	0.00	0.00	100.06
123	155UW004	2015_3	4_3	3-4_004	stream sediments	hercynite	spinel	0.5-1.0	0.4004	0	0.0011	0.9105	0	0.0011	0.0033	12.6156	0.0713	41.4689	99.8315	0.00	0.49	11.44	0.09	0.14	14.92	11.44	0.00	0.00	0.00	99.14	
124	155UW014	2015_3	4_5	3-4_005	stream sediments	hercynite	spinel	0.25-0.5	0.4375	0	0	0.0328	18.9682	0.0765	10.2234	0	30.2200	0.1284	39.4470	99.5338	0.07	0.73	57.10	0.11	0.17	24.40	16.95	0.00	0.00	0.00	99.53
125	155UW020	2015_3	4_6	3-4_006	stream sediments	hercynite	spinel	0.5-1.0	0.2592	0	0	0.0250	15.6548	0.2292	11.0986	0.0022	31.9817	0.1125	40.5786	99.9398	0.05	0.43	60.43	0.33	0.15	20.14	18.40	0.00	0.00	0.00	99.93
127	155UW020	2015_3	4_7	3-4_007	stream sediments	hercynite	spinel	0.5-1.0	0.2034	0	0.0013	0.0089	14.9783	1.6726	10.9637	0.0049	31.2670	0.1069	40.2571	99.4140	0.00	0.34	59.08	2.44	0.14	19.21	18.18	0.00	0.00	0.00	99.39
128	155UW025	2015_3	4_8	3-4_008	stream sediments	hercynite	spinel	0.25-0.5	0.3511	0.0026	0	0.0380	25.7473	0.4061	11.0808	0.0013	31.7171	0.0871	40.4403	99.7186	0.08	0.59	59.93	0.59	0.11	20.04	18.38	0.00	0.00	0.00	99.72
129	155UW003	2015_3	4_9	3-4_009	stream sediments	hercynite	spinel	0.5-1.0	0.1276	0	0	0.0176	0	0	0.0000	0	0.0000	12.9957	10.2928	0.00	0.17	32.38	0.24	0.09	48.71	18.81	0.00	0.00	0.00	99.12	
130	155UW051	2015_3	4_10	3-4_010	stream sediments	hercynite	spinel	0.5-1.0	0.3093	0	0	0.0509	16.5284	0.0832	10.9379	0.0006	31.4668	0.1136	40.2612	99.7518	0.11	0.52	59.46	0.12	0.15	21.26	18.14	0.00	0.00	0.00	99.76
131	155UW001	2015_4	1_1	4-1_001	stream sediments	ilmenite	ilmenite	0.5-1.0	30.6389	0.0076	0.0039	0.0147	24.1748	0.6764	7.6607	0.0014	0.2836	0.2285	33.0938	96.7952	0.03	51.11	0.54	0.99	0.30	31.10	12.70	0.02	0.00	0.00	96.79
132	155UW001	2015_4	1_2	4-1_002	stream sediments	ilmenite	ilmenite	0.5-1.0	30.2583	0.0089	0.0011	0.0141	28.5001	0.1815	5.9685	0.0120	0.1454	0.1921	32.4729	97.3048	0.03	50.47	0.27	0.27	0.25	36.09	9.90	0.02	0.00	0.00	97.30
133	155UW001	2015_4	1_3	4-1_003	stream sediments	ilmenite	ilmenite	0.25-0.5	30.7025	0.0200	0	0.0203	23.1102	3.3040	8.1156	0.0156	0.3121	0.2049	35.4532	97.2673	0.04	51									

200	155UV030_rpt	2015_4_8_6_r	4-8-B_006	Beaufort Fm	red rutile	rutile	0.25-0.5	59.0195	0.0037	0.0018	0.0019	0.2398	0.1027	0.0025	0.0024	0.0118	0	39.5615	98.9476	0.00	98.45	0.02	0.15	0.00	0.31	0.00	0.00	0.00	0.00	0.00	98.93
201	155UV030	2015_4_8_7	4-8-A_007	Beaufort Fm	red rutile	rutile	0.25-0.5	58.8038	0	0.0041	0.0031	0.2345	0.0451	0.0054	0.0036	0.0137	0	39.4027	98.5467	0.00	98.09	0.03	0.07	0.00	0.34	0.00	0.00	0.00	0.00	0.00	98.53
202	155UV030_rpt	2015_4_8_7_r	4-8-B_007	Beaufort Fm	red rutile	rutile	0.25-0.5	58.8985	0.0087	0.0010	0.0000	0.2329	0.0568	0	0.0034	0.0039	0.0099	39.4986	98.7605	0.00	98.23	0.00	0.08	0.00	0.42	0.00	0.00	0.00	0.00	0.00	98.73
203	155UV030	2015_4_8_8	4-8-A_008	Beaufort Fm	red rutile	rutile	0.25-0.5	58.6710	0	0.0053	0.0051	0.2303	0.0700	0.0058	0.0003	0.0083	0	39.4287	98.9817	0.00	98.64	0.01	0.09	0.00	0.28	0.00	0.00	0.00	0.00	0.00	98.45
204	155UV030_rpt	2015_4_8_8_rpt	4-8-B_008	Beaufort Fm	red rutile	rutile	0.25-0.5	58.1518	0	0.0018	0	0.0137	0.3850	0	0.0039	0.0035	0.0049	39.4137	98.5425	0.00	97.94	0.00	0.56	0.00	0.02	0.00	0.00	0.00	0.00	0.00	98.52
205	155UV030	2015_4_8_9	4-8-A_009	Beaufort Fm	red rutile	rutile	0.25-0.5	59.1185	0.0007	0	0	0.0512	0.1023	0.0013	0.0107	0.0015	0	39.5720	98.8631	0.00	98.61	0.03	0.15	0.00	0.07	0.00	0.00	0.00	0.00	0.00	98.86
206	155UV030_rpt	2015_4_8_9_r	4-8-B_009	Beaufort Fm	red rutile	rutile	0.25-0.5	59.1086	0	0	0.0003	0.4251	0.1070	0.0008	0.0030	0.0062	0.0057	39.5622	98.8429	0.00	98.60	0.00	0.16	0.00	0.06	0.00	0.00	0.00	0.00	0.00	98.82
207	155UV030	2015_4_8_10	4-8-A_010	Beaufort Fm	red rutile	rutile	0.25-0.5	59.2402	0	0.0020	0.0040	0.2773	0.0382	0.0027	0.0016	0.0255	0	39.6887	99.2302	0.00	98.82	0.05	0.06	0.00	0.29	0.00	0.00	0.00	0.00	0.00	99.22
208	155UV030_rpt	2015_4_8_10_rpt	4-8-B_010	Beaufort Fm	red rutile	rutile	0.25-0.5	59.1375	0	0.0003	0.0003	0.2686	0.0603	0.0003	0.0056	0.0006	0.0007	39.5928	98.9917	0.00	98.64	0.00	0.06	0.00	0.28	0.00	0.00	0.00	0.00	0.00	98.92
209	155UV030	2015_4_8_11	4-8-A_011	Beaufort Fm	red rutile	rutile	0.25-0.5	58.1513	0	0	0.0077	0.5565	0.1603	0	0	0.0060	39.0924	97.9741	0.00	97.00	0.00	0.23	0.00	0.72	0.00	0.00	0.00	0.00	0.00	97.95	
210	155UV030_rpt	2015_4_8_11_r	4-8-B_011	Beaufort Fm	red rutile	rutile	0.25-0.5	58.1220	0.0021	0	0	0.5495	0.1525	0	0.0047	0.0115	0	39.0695	97.9118	0.00	96.95	0.02	0.22	0.00	0.71	0.00	0.00	0.00	0.00	0.00	97.90
211	155UV030	2015_4_8_12	4-8-A_012	Beaufort Fm	red rutile	rutile	0.25-0.5	58.8011	0	0.0051	0.0058	0.3009	0.2610	0	0.0051	0.0054	0.0037	39.0475	98.5456	0.00	98.08	0.00	0.38	0.00	0.04	0.00	0.01	0.00	0.01	0.00	98.52
212	155UV030_rpt	2015_4_8_12_r	4-8-B_012	Beaufort Fm	red rutile	rutile	0.25-0.5	58.6809	0.0004	0.0020	0	0.0437	0.2584	0	0.0013	0.0073	0	39.3416	98.3356	0.00	97.88	0.00	0.38	0.00	0.06	0.00	0.00	0.00	0.00	0.00	98.32
213	155UV030	2015_4_8_13	4-8-A_013	Beaufort Fm	red rutile	rutile	0.25-0.5	58.8659	0	0.0077	0.4682	0.0346	0.0707	0.0026	0.0027	0	39.0474	98.9034	0.00	98.19	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.87	
214	155UV030_rpt	2015_4_8_13_r	4-8-B_013	Beaufort Fm	red rutile	rutile	0.25-0.5	58.8867	0	0.0009	0.0070	0.5187	0.0531	0	0.0024	0.0048	0	39.5262	98.9998	0.00	98.23	0.00	0.08	0.00	0.67	0.00	0.00	0.00	0.00	0.00	98.98
217	155UV001	2015_5_1_1	5-1_001	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.2724	0	0.0005	0	13.8225	33.0601	9.2739	0.0009	8.9588	0.1445	33.3633	38.3569	0.00	0.45	16.93	48.32	0.19	17.09	15.38	0.00	0.00	0.00	0.00	98.36
218	155UV001	2015_5_1_2	5-1_002	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.2686	0	0	19.9915	31.7623	5.7149	0	8.5877	0.2272	32.0345	38.5868	0.00	0.45	16.23	46.42	0.29	25.72	9.48	0.00	0.00	0.00	0.00	0.00	98.59
219	155UV001	2015_5_1_3	5-1_003	stream sediments	chromite, euheudral	chromite	0.25-0.5	2.1459	0.0212	0	0	22.6930	26.0186	7.6012	0.0015	7.3811	0.1877	31.5765	37.6267	0.00	3.58	13.95	38.03	0.24	29.19	12.61	0.00	0.00	0.00	0.00	97.80
220	155UV001	2015_5_1_4	5-1_004	stream sediments	chromite, euheudral	chromite	0.25-0.5	1.6759	0	0	18.6957	28.1009	7.9816	0.0001	7.2756	0.1759	31.9477	37.7635	0.00	2.80	13.75	42.53	0.22	25.22	13.24	0.01	0.00	0.00	0.00	0.00	97.77
221	155UV001	2015_5_1_5	5-1_005	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.2739	0.0003	0.0069	0	16.7882	31.9473	7.2516	0.0038	8.0830	0.1928	32.6800	38.2758	0.00	0.46	17.16	46.69	0.25	21.60	12.09	0.00	0.01	0.00	0.00	98.26
222	155UV001	2015_5_1_6	5-1_006	stream sediments	chromite, euheudral	chromite	0.25-0.5	1.6758	0.0029	0	0	19.6585	27.8781	7.9530	0.0037	8.2458	0.1830	32.2452	37.8460	0.00	2.80	15.58	40.75	0.24	25.29	13.19	0.00	0.00	0.00	0.00	97.85
223	155UV001	2015_5_1_7	5-1_007	stream sediments	chromite, euheudral	chromite	0.25-0.5	1.8425	0	0	0	21.6228	25.5155	7.7308	0.0027	8.5975	0.1713	31.9905	37.4736	0.00	3.07	16.24	37.29	0.22	27.82	12.82	0.00	0.00	0.00	0.00	97.46
224	155UV001	2015_5_1_8	5-1_008	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.1459	0	0	0	20.7726	26.6574	5.7486	0.0052	12.5360	0.2067	32.9882	38.4602	0.00	0.24	23.69	38.96	0.27	26.72	8.57	0.00	0.00	0.00	0.00	98.45
225	155UV001	2015_5_1_9	5-1_009	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.4988	0.0079	0	0	17.6354	28.0942	6.7083	0.0007	11.1934	0.1734	33.2928	38.3747	0.00	0.83	21.15	41.06	0.22	22.69	12.41	0.00	0.00	0.00	0.00	98.36
226	155UV001	2015_5_1_10	5-1_010	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.3943	0.0055	0.0048	0	18.0103	29.1766	7.0472	0.0025	10.4208	0.1832	32.8560	38.1012	0.00	0.66	19.69	42.64	0.24	23.17	11.69	0.00	0.00	0.00	0.00	98.09
227	155UV001	2015_5_1_11	5-1_011	stream sediments	chromite, euheudral	chromite	0.25-0.5	2.0148	0.0096	0.0046	0	21.2967	22.7404	7.1124	0	10.6399	0.1522	32.7969	37.7675	0.00	3.36	20.10	33.24	0.20	27.40	13.45	0.00	0.00	0.00	0.00	97.75
228	155UV002	2015_5_2_1	5-2_001	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.3552	0.0020	0	0	15.4196	31.4583	8.2313	0	9.6662	0.1676	33.2414	38.5416	0.00	0.59	18.26	45.98	0.22	19.84	13.65	0.00	0.00	0.00	0.00	98.54
229	155UV002	2015_5_2_2	5-2_002	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.2919	0	0.0032	0	13.8485	31.9389	8.2504	0.0058	9.7531	0.1447	33.9960	38.4846	0.00	0.49	18.43	46.68	0.19	17.28	15.34	0.01	0.00	0.00	0.00	98.42
230	155UV002	2015_5_2_3	5-2_003	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.4314	0.0082	0.0012	0	16.8763	21.1117	8.0090	0	10.0082	0.1599	33.7925	38.7405	0.00	0.29	15.02	42.53	0.22	23.61	13.76	0.00	0.00	0.00	0.00	97.88
231	155UV002	2015_5_2_4	5-2_004	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.3283	0.0065	0.0038	0	16.1840	31.8109	8.1757	0	8.8269	0.1772	32.8272	38.3405	0.00	0.55	16.68	46.49	0.23	20.82	13.56	0.00	0.00	0.00	0.00	98.33
232	155UV002	2015_5_2_5	5-2_005	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.3413	0	0	0	20.4868	30.7294	5.9696	0.0011	8.5555	0.1976	31.8791	38.1604	0.00	0.57	16.17	44.91	0.26	26.36	9.90	0.00	0.00	0.00	0.00	98.17
233	155UV002	2015_5_2_6	5-2_006	stream sediments	chromite, euheudral	garnet	0.25-0.5	4.2099	0.0077	0	16.0235	9.2074	0.0000	0.6789	24.2947	4.7050	0.0733	38.0612	37.2615	34.28	7.02	8.89	0.00	0.09	11.85	1.13	33.99	0.00	0.00	0.00	97.25
234	155UV003	2015_5_2_7	5-2_007	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.5392	0.0089	0.0017	0	21.5839	28.4372	5.1350	0.0014	9.9763	0.2277	32.1127	38.2040	0.00	1.90	18.85	41.56	0.29	27.77	8.81	0.00	0.00	0.00	0.00	98.18
235	155UV003	2015_5_2_8	5-2_008	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.1858	0.0116	0.0002	0	10.4488	38.9802	6.4684	0.0002	13.3242	0.1222	34.9515	38.9515	0.00	0.89	19.42	43.67	0.22	23.61	13.44	0.00	0.00	0.00	0.00	98.36
236	155UV003	2015_5_2_9	5-2_009	stream sediments	chromite, euheudral	spinel	0.25-0.5	0.4876	0	0.0035	0	12.3953	18.2921	10.8189	0.0006	18.8507	0.1394	37.1406	39.1287	0.00	0.81	37.51	26.74	0.18	15.95	17.94	0.00	0.00	0.00	0.00	99.13
237	155UV003	2015_5_2_10	5-2_010	stream sediments	chromite, euheudral	chromite	0.25-0.5	1.6154	0	0.0045	0	21.5739	21.1427	8.0090	0	12.0812	0.1975	33.0957	37.7199	0.00	2.69	22.83	30.90	0.26	27.75	13.28	0.00	0.00	0.00	0.00	97.71
238	155UV003	2015_5_2_11	5-2_011	stream sediments	chromite, euheudral	chromite	0.25-0.5	0.3572	0	0	0	17.3553	29.8827	7.8795	0.0022	9.6972	0.1801	32.8699	38.2241	0.00	0.60	18.32	43.68	0.23	22.33	13.07	0.00	0.00	0.00	0.00	98.23
239	155UV008	2015_5_3_1	5-3_001	stream sediments	chromite, euheudral	chromite	0.25-0.5	1.2877	0.0189	0	0	18.7778	28.4841	8.0680	0	8.7388	0.1747	32.2													

400	165UV023	2016_1_1_3_1	240	Beaufort Fm	GP	garnet	0.25-0.5	0.0121	0.0167	0.0015	16.6744	5.6272	3.0914	11.8688	4.2204	10.9736	0.3032	44.8400	100.6820	42.09	0.02	20.73	4.52	0.39	7.24	19.68	5.91	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.00	100.65
401	165UV023	2016_1_1_3_2	241	Beaufort Fm	GP	garnet	0.25-0.5	0.2249	0.0327	0.0017	19.1743	5.4437	7.3365	11.9279	5.1056	7.8072	0.2680	43.4514	100.1350	41.02	0.38	14.75	10.72	0.35	7.00	18.62	7.14	0.04	0.00	0.00	0.00	0.00	0.00	0.06	0.05	100.10
402	165UV023	2016_1_1_3_3	242	Beaufort Fm	GP	garnet	0.25-0.5	0.1760	0.0234	0.0000	19.3032	4.7122	6.4822	11.9279	4.4069	8.6919	0.2644	44.1144	100.3240	41.72	0.21	16.40	9.47	0.34	6.06	19.80	6.17	0.03	0.00	0.00	0.00	0.00	0.06	0.03	100.33	
403	165UV023	2016_1_1_3_4	243	Beaufort Fm	GP	garnet	0.25-0.5	0.1764	0.0230	0.0000	19.3032	4.7122	6.4822	11.9279	4.4069	8.6919	0.2644	44.1144	100.3240	41.72	0.21	16.40	9.47	0.34	6.06	19.80	6.17	0.03	0.00	0.00	0.00	0.06	0.03	100.16		
404	165UV023	2016_1_1_3_5	244	Beaufort Fm	GP	garnet	0.25-0.5	0.0801	0.0131	0.0078	19.7110	5.1888	2.8152	12.3328	3.5379	10.9677	0.2888	44.8881	100.5170	42.17	0.13	20.72	4.11	0.37	7.49	20.45	4.95	0.02	0.01	0.00	0.00	0.05	0.03	100.50		
405	165UV025	2016_1_1_3_6	245	stream sediments	GP	garnet	0.25-0.5	0.0000	0.0086	0.0004	16.6205	5.2996	6.5367	12.6313	2.7436	8.7965	0.3099	44.2514	100.2560	41.98	0.00	0.62	9.55	0.40	6.82	20.95	3.84	0.00	0.00	0.00	0.05	0.02	100.23			
406	165UV025	2016_1_1_3_7	246	stream sediments	GP	garnet	0.25-0.5	0.0273	0.0155	0.0035	19.9449	5.8068	3.1066	11.7099	4.2905	10.8846	0.3438	44.6415	100.3710	41.81	0.03	20.57	4.54	0.44	7.47	19.41	6.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02	100.34	
407	165UV028	2016_1_1_3_8	247	stream sediments	GP	garnet	0.5-1.0	0.2059	0.0276	0.0036	19.9321	5.3044	6.0947	11.6392	4.6967	8.6741	0.2680	43.9466	100.3340	41.49	0.34	16.39	8.91	0.35	6.82	19.30	6.57	0.04	0.00	0.00	0.00	0.05	0.04	100.30		
408	165UV028	2016_1_1_3_9	248	stream sediments	GP	garnet	0.5-1.0	0.2224	0.0296	0.0006	19.4472	5.1164	6.1659	11.6639	4.4649	8.6741	0.2835	44.6849	100.6820	41.60	0.37	16.38	9.02	0.37	6.84	19.34	6.52	0.04	0.00	0.00	0.00	0.06	0.03	100.16		
409	165UV028	2016_1_1_3_9	249	stream sediments	GP	garnet	0.25-0.5	0.0030	0.0059	0.0046	19.7447	5.9224	3.4676	12.3012	3.2033	10.7369	0.3800	44.8678	100.6900	42.24	0.00	20.29	5.07	0.49	7.62	20.40	4.48	0.00	0.00	0.00	0.00	0.03	0.03	100.65		
410	165UV030	2016_1_1_3_10	250	stream sediments	GP	garnet	0.5-1.0	0.2092	0.0313	0.0032	19.7302	5.2668	4.2818	12.1170	4.0094	9.9724	0.2798	44.6818	100.6370	42.21	0.35	18.84	6.26	0.36	6.78	20.09	5.61	0.04	0.00	0.00	0.04	0.04	100.62			
411	165UV027	2016_1_1_3_11	251	stream sediments	andradite	andradite	0.5-1.0	1.5629	0.0213	0.0023	16.3010	27.4476	2.5169	0.1217	36.4061	97.9258	34.87	2.61	4.76	0.00	0.16	22.11	0.37	32.81	0.03	0.00	0.00	0.00	0.00	0.16	0.04	97.90				
412	165UV027	2016_1_1_3_12	252	stream sediments	andradite	andradite	0.25-0.5	3.0185	0.0447	0.0040	16.1952	14.9844	0.1040	0.2218	23.9409	2.7257	0.0953	37.0913	98.6249	34.65	5.04	5.15	0.00	0.12	19.23	0.37	33.50	0.06	0.00	0.00	0.42	0.03	98.97			
413	165UV027	2016_1_1_3_13	253	stream sediments	andradite	andradite	0.25-0.5	0.0032	0.0100	0.0066	16.9976	21.8584	0.0961	0.0462	24.0323	0.0000	0.0127	34.8947	97.4342	35.51	0.00	0.00	0.00	0.02	28.12	0.08	33.63	0.03	0.01	0.00	0.00	0.00	0.04	97.42		
414	165UV023	2016_1_1_4_1	254	Beaufort Fm	almadine	garnet	0.25-0.5	0.0954	0.0106	0.0040	18.0544	20.7730	0.0098	0.3035	5.2647	11.4273	0.7784	41.1085	100.5950	38.62	0.16	21.59	0.00	1.01	26.72	5.03	7.37	0.00	0.00	0.00	0.00	0.03	0.00	100.54		
415	165UV023	2016_1_1_4_2	255	Beaufort Fm	almadine	garnet	0.25-0.5	0.0248	0.0026	0.0047	17.8851	21.8073	0.0243	0.2655	5.0206	11.3143	1.0102	40.7841	100.5700	38.26	0.04	21.38	0.04	1.30	28.06	4.37	7.02	0.00	0.00	0.00	0.06	0.00	100.54			
416	165UV028	2016_1_1_4_3	256	stream sediments	almadine	garnet	0.5-1.0	0.0346	0.0024	0.0017	18.5894	19.1640	0.0161	7.0218	11.9047	0.2821	42.3719	100.3240	39.77	0.06	22.49	0.00	0.36	24.65	11.64	1.25	0.00	0.00	0.00	0.02	0.03	0.00	100.28			
417	165UV028	2016_1_1_4_4	257	stream sediments	almadine	garnet	0.5-1.0	0.0095	0.0009	0.0062	17.8155	25.1175	0.0157	2.1261	3.4504	11.2273	0.5678	40.4489	100.8110	38.11	0.00	21.21	0.00	0.73	23.31	5.53	4.83	0.00	0.00	0.00	0.00	0.00	0.00	100.73		
418	165UV028	2016_1_1_4_5	258	stream sediments	almadine	garnet	0.5-1.0	0.0773	0.0293	0.0017	18.9983	17.9772	0.0000	3.7792	7.1208	11.4277	0.5770	41.6995	100.5170	39.36	0.13	21.58	0.00	0.74	22.36	6.27	9.96	0.04	0.00	0.00	0.00	0.03	0.00	100.50		
419	165UV028	2016_1_1_4_6	259	stream sediments	almadine	garnet	0.25-0.5	0.0263	0.0148	0.0050	18.5306	17.9775	0.0421	5.4388	4.0878	11.8351	0.3562	42.1851	100.5610	39.64	0.04	22.36	0.06	0.46	23.13	9.02	5.72	0.02	0.00	0.00	0.00	0.00	0.03	100.40		
420	165UV014	2016_1_1_4_7	260	stream sediments	forsterite	olivine	0.25-0.5	0.0027	0.0135	0.0030	17.6015	21.8293	0.0000	20.3680	0.2171	0.0145	0.3109	39.9452	100.4220	37.66	0.00	0.03	0.00	0.40	28.08	33.78	3.00	0.02	0.00	0.00	0.12	0.03	0.00	100.41		
421	165UV028	2016_1_1_4_8	261	stream sediments	forsterite	olivine	0.25-0.5	0.0071	0.0044	0.0055	18.8214	10.1583	0.0000	27.7356	0.1499	0.0201	0.1521	42.8099	100.0950	40.27	0.00	0.04	0.00	2.20	13.07	45.99	0.21	0.00	0.00	0.00	0.29	0.00	0.00	100.06		
422	165UV028	2016_1_1_5_1	262	stream sediments	fayalite	olivine	0.25-0.5	0.0086	0.0016	0.0000	16.7562	29.8793	0.0000	15.2849	0.1444	0.0353	0.4055	37.9290	100.6320	35.85	0.00	0.00	0.00	0.52	38.44	25.35	0.20	0.00	0.00	0.00	0.10	0.03	0.00	100.49		
423	165UV014	2016_1_1_5_2	263	stream sediments	fayalite	olivine	0.25-0.5	0.0010	0.0071	0.0000	16.3693	13.6619	0.1612	0.0826	0.1361	0.0106	0.4875	37.2887	100.6820	35.02	0.04	0.02	0.00	0.63	41.99	22.65	0.23	0.00	0.00	0.00	0.03	0.00	100.65			
424	165UV014	2016_1_1_5_3	264	stream sediments	fayalite	olivine	0.25-0.5	0.0155	0.0118	0.0000	16.8354	28.0485	0.0019	16.3882	0.1970	0.0137	0.4160	38.2719	100.3040	36.02	0.03	0.03	0.00	0.54	36.08	27.18	0.28	0.00	0.00	0.00	0.09	0.00	0.00	100.23		
425	165UV014	2016_1_1_5_4	265	stream sediments	fayalite	olivine	0.25-0.5	0.0098	0.0049	0.0000	16.6955	10.1157	0.0030	15.2596	0.1607	0.0018	0.4330	37.9221	100.6770	35.72	0.00	0.00	0.00	0.56	38.74	25.31	0.22	0.00	0.00	0.00	0.04	0.03	0.00	100.63		
426	165UV014	2016_1_1_5_5	266	stream sediments	fayalite	olivine	0.25-0.5	0.0120	0.0089	0.0000	16.6600	29.8977	0.0059	15.2607	0.1927	0.0073	0.4483	37.8531	100.4200	35.64	0.00	0.00	0.00	0.58	38.46	25.31	0.27	0.00	0.00	0.00	0.05	0.03	0.00	100.37		
427	165UV016	2016_1_1_5_6	267	stream sediments	fayalite	olivine	0.25-0.5	0.0061	0.0048	0.0000	17.1326	26.1233	0.0062	17.7402	0.2114	0.0109	0.3564	38.2968	100.6280	36.65	0.00	0.02	0.00	0.46	33.61	29.41	0.30	0.00	0.00	0.00	0.09	0.04	0.00	100.60		
428	165UV016	2016_1_1_5_7	268	stream sediments	fayalite	olivine	0.25-0.5	0.0022	0.0000	0.0000	17.0900	16.2448	0.0000	17.4157	0.0000	0.0000	0.4000	37.1089	100.6120	37.00	0.00	0.00	0.00	0.40	33.62	29.41	0.30	0.00	0.00	0.00	0.09	0.04	0.00	100.12		
429	165UV016	2016_1_1_5_8	269	stream sediments	fayalite	olivine	0.25-0.5	0.0010	0.0000	0.0036	16.6342	30.6447	0.0018	15.0727	0.1772	0.0031	0.4353	37.8328	100.7250	35.59	0.00	0.00	0.00	0.56	39.19	25.00	0.25	0.00	0.00	0.00	0.08	0.04	0.00	100.70		
430	165UV016	2016_1_1_5_9	270	stream sediments	fayalite	olivine	0.25-0.5	0.0133	0.0062	0.0000	17.1073	26.1242	0.0086	17.6279	0.2041	0.0027	0.3856	38.8230	100.4010	36.60	0.02	0.00	0.00	0.50	33.61	29.23	0.29	0.00	0.00	0.00	0.08	0.04	0.00	100.35		
431	165UV016	2016_1_1_5_10	271	stream sediments	fayalite	olivine	0.25-0.5	0.0179	0.0121	0.0033	17.2205	25.1666	0.0045	18.3425	0.0930	0.0052	0.3952	39.1036	100.4350	36.84	0.03	0.00	0.00	0.39	32.38	30.42	0.13	0.00	0.00	0.00	0.14	0.03	0.00	100.36		
432	165UV016	2016_1_1_5_11	272	stream sediments	fayalite	olivine	0.25-0.5	0.0100	0.0055	0.0020	16.9638	26.9699	0.0000	17.1728	0.2055	0.0060	0.3759	38.2968	100.4290	36.29	0.00	0.00	0.00	0.49	34.73	28.48	0.29	0.00	0.00	0.00	0.07	0.03	0.00	100.37		
433	165UV016	2016_1_1_5_12	273	stream sediments	fayalite	olivine	0.25-0.5	0.0018	0.0133	0.0000	16.9328	16.2448	0.0000	16.9328	0.0000	0.0000	0.4000	37.1089	100.5960	36.29	0.00	0.00	0.00	0.55	38.27	28.48	0.29	0.00	0.00	0.00	0.07	0.03	0.00	100.56		

500	165UV023	2016_2_2_4	342	Beaufort Fm	red rutile	rutile	0.25-0.5	59.5313	0.0066	0.0028	0.0027	0.2481	0.0052	0.0040	0.0193	0.0031	40.1099	100.4670	0.00	99.30	0.04	0.08	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.40	0.00	100.43
501	165UV023	2016_2_2_5	343	Beaufort Fm	red rutile	rutile	0.25-0.5	59.8564	0.0000	0.0029	0.0010	0.1145	0.0535	0.0000	0.0701	0.0105	0.0038	40.2827	100.8320	0.00	99.84	0.02	0.08	0.00	0.19	0.00	0.10	0.00	0.00	0.15	0.00	0.43	0.00	100.81	
502	165UV024	2016_2_2_6	344	bedrock	red rutile	rutile	0.25-0.5	58.2025	0.0015	0.0059	0.0000	0.0127	0.0629	0.0000	0.0046	0.0005	0.0000	39.9536	100.2100	0.00	98.28	0.00	1.26	0.00	0.16	0.00	0.00	0.01	0.30	0.00	0.20	0.00	100.20		
503	165UV024	2016_2_2_7	345	bedrock	red rutile	rutile	0.25-0.5	58.4977	0.0000	0.0002	0.0011	0.0470	0.0139	0.0000	0.0000	0.0000	0.0000	40.0232	100.3780	0.00	98.25	0.02	0.10	0.00	0.11	0.00	0.00	0.01	0.20	0.00	0.11	0.00	100.33		
504	165UV024	2016_2_2_8	346	bedrock	red rutile	rutile	0.25-0.5	59.9246	0.0111	0.0050	0.0046	0.0238	0.3147	0.0000	0.0008	0.0000	0.0000	40.3176	100.8630	0.00	99.96	0.00	0.46	0.00	0.03	0.00	0.00	0.00	0.13	0.00	0.00	0.26	0.00	100.84	
505	165UV024	2016_2_2_9	347	bedrock	red rutile	rutile	0.25-0.5	59.4186	0.0094	0.0000	0.0034	0.1003	0.1849	0.0067	0.0031	0.0152	0.0001	39.9635	99.9836	0.00	99.11	0.03	0.27	0.00	0.13	0.00	0.00	0.00	0.11	0.00	0.30	0.00	99.95		
506	165UV024	2016_2_2_10	348	bedrock	red rutile	rutile	0.25-0.5	59.6001	0.0064	0.0031	0.0000	0.2540	0.0000	0.0065	0.0040	0.0067	0.0000	39.9748	100.0000	0.00	99.42	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.09	0.00	0.00	0.11	0.00	99.94	
507	165UV013	2016_2_2_11	127	glaciofluvial	chromite	chromite	0.25-0.5	0.0531	0.0000	0.0023	0.0000	0.5729	34.7047	0.6179	0.0036	0.0128	0.1587	33.8619	100.0740	0.00	0.09	18.35	50.72	0.00	20.93	10.23	0.00	0.00	0.00	0.02	0.32	0.07	0.00	100.05	
508	165UV013	2016_2_2_12	128	glaciofluvial	chromite	chromite	0.25-0.5	0.0932	0.0000	0.0002	0.0000	0.0003	12.6183	0.0193	0.1193	34.6036	99.4400	0.00	1.54	21.83	38.41	0.00	0.15	18.61	16.04	0.00	0.00	0.00	0.19	0.00	0.19	0.00	99.04		
509	165UV014	2016_2_2_3	129	stream sediments	chromite	chromite	0.25-0.5	0.9819	0.0000	0.0000	0.0000	13.8766	35.3843	8.7407	0.0000	6.8459	0.1487	32.9446	99.2069	0.00	1.64	12.94	51.72	0.19	17.85	14.49	0.00	0.00	0.00	0.16	0.08	0.14	0.00	99.21	
510	165UV014	2016_2_2_4	130	stream sediments	chromite	chromite	0.25-0.5	2.0329	0.0123	0.0010	0.0000	20.0272	32.0508	8.9028	0.0032	3.5871	0.1630	31.0852	98.1564	0.00	3.39	6.78	46.84	0.21	25.76	14.76	0.00	0.00	0.00	0.25	0.04	0.09	0.00	98.13	
511	165UV018	2016_2_2_6	131	glaciofluvial	chromite	chromite	0.25-0.5	0.1168	0.0000	0.0053	0.0000	11.4149	31.7378	9.4749	0.0060	0.0000	0.1356	34.7613	99.6017	0.00	0.19	22.14	46.39	0.18	14.69	15.60	0.01	0.00	0.00	0.22	0.04	0.10	0.00	99.56	
512	165UV018	2016_2_2_8	132	glaciofluvial	chromite	chromite	0.25-0.5	0.3180	0.0076	0.0000	0.0000	14.0824	25.3860	8.7054	0.0009	14.8891	0.1447	35.1428	99.0841	0.00	0.53	28.13	37.10	0.19	18.12	14.55	0.00	0.00	0.00	0.18	0.10	0.16	0.00	99.05	
513	165UV023	2016_2_2_9	133	glaciofluvial	chromite	chromite	0.25-0.5	0.0530	0.0000	0.0008	0.0000	12.4678	25.8439	9.1054	0.0028	0.0008	0.0026	40.0232	100.4620	0.00	0.09	29.54	37.77	0.00	0.19	16.04	15.10	0.00	0.00	0.15	0.11	0.00	99.14		
514	165UV023	2016_2_2_10	134	Beaufort Fm	chromite	chromite	0.25-0.5	1.4233	0.0193	0.0022	0.0000	20.8008	29.3618	7.7308	0.0074	7.2045	0.1622	31.9673	98.4309	0.00	2.37	13.61	42.91	0.21	26.09	12.82	0.01	0.03	0.00	0.14	0.06	0.16	0.00	98.42	
515	165UV023	2016_2_2_11	135	Beaufort Fm	chromite	chromite	0.25-0.5	1.9511	0.0080	0.0055	0.0000	24.7480	22.7234	7.2009	0.0021	8.1873	0.3121	31.3586	97.3431	0.00	3.25	15.47	33.94	0.40	31.84	11.99	0.00	0.00	0.00	0.16	0.10	0.15	0.00	97.31	
516	165UV023	2016_2_2_3	136	Beaufort Fm	chromite	chromite	0.25-0.5	1.0022	0.0064	0.0111	0.0000	17.9882	21.2449	8.8230	0.0015	14.5675	0.1417	34.5504	98.6703	0.00	1.67	27.53	31.05	0.18	23.14	14.63	0.00	0.00	0.01	0.00	0.21	0.08	0.15	0.00	98.66
517	165UV023	2016_2_2_4	137	Beaufort Fm	chromite	chromite	0.25-0.5	0.0296	0.0101	0.0036	0.0000	18.0557	25.7168	7.4806	0.0080	13.3519	0.1923	33.9995	99.2315	0.00	0.05	25.23	37.59	0.25	23.23	12.29	0.01	0.00	0.00	0.13	0.41	0.04	0.00	99.23	
518	165UV023	2016_2_2_2	138	Beaufort Fm	chromite	chromite	0.25-0.5	0.5888	0.0009	0.0000	0.0000	13.6477	24.7749	9.8420	0.0022	14.6564	0.1090	35.3866	99.9137	0.00	0.98	27.69	36.21	0.14	17.56	16.32	0.00	0.00	0.24	0.06	0.12	0.00	99.31		
519	165UV023	2016_2_2_4	139	Beaufort Fm	chromite	chromite	0.25-0.5	0.7027	0.0105	0.0034	0.0000	20.1147	29.8084	6.2140	0.0065	9.9064	0.1945	32.2948	98.7380	0.00	1.17	17.02	43.57	0.25	25.88	10.30	0.01	0.00	0.00	0.16	0.09	0.26	0.00	98.71	
520	165UV023	2016_2_2_4	140	Beaufort Fm	chromite	chromite	0.25-0.5	0.4615	0.0008	0.0025	0.0000	12.6743	25.8910	8.8480	0.0000	14.5947	0.1180	35.5103	99.4400	0.00	0.77	27.58	37.84	0.15	16.31	16.33	0.00	0.00	0.00	0.21	0.06	0.17	0.00	99.42	
521	165UV023	2016_2_2_5	141	Beaufort Fm	chromite	chromite?	0.25-0.5	0.6772	0.8643	0.0324	15.8235	14.3021	0.0000	2.1715	2.1155	13.3918	0.1200	37.1274	86.6893	33.85	1.13	25.30	0.00	0.15	18.40	3.60	2.96	1.17	0.04	0.00	0.00	0.00	98.65		
522	165UV023	2016_2_2_6	142	Beaufort Fm	chromite	chromite	0.25-0.5	0.0631	0.0000	0.0045	0.0000	15.2507	26.6546	8.2172	0.0000	13.7595	0.1606	34.8694	99.5442	0.00	0.11	26.20	41.88	0.21	17.05	15.55	0.00	0.00	0.00	0.09	0.22	0.23	0.00	98.54	
523	165UV023	2016_2_2_7	143	Beaufort Fm	chromite	chromite	0.25-0.5	0.4389	0.0000	0.0068	0.0000	10.3562	20.3469	9.8540	0.0041	19.1444	0.0912	36.9664	98.2525	0.00	0.73	36.17	39.78	0.12	13.26	18.00	0.00	0.00	0.01	0.00	0.26	0.00	0.11	0.00	98.52
524	165UV024	2016_2_2_8	144	bedrock	chromite	chromite	0.25-0.5	2.2310	0.0016	0.0025	0.0000	26.2735	26.6321	4.7067	0.0000	6.7551	0.2433	30.6947	98.0827	0.00	3.72	12.76	38.92	0.31	33.80	7.81	0.00	0.00	0.00	0.13	0.16	0.45	0.00	98.47	
525	165UV024	2016_2_2_9	145	bedrock	chromite	chromite	0.25-0.5	0.2972	0.0000	0.0021	0.0000	14.2181	33.7547	8.3669	0.0024	8.4048	0.1196	32.9694	98.4218	0.00	0.50	15.88	49.34	0.15	18.29	13.87	0.00	0.00	0.00	0.19	0.15	0.15	0.00	98.01	
526	165UV024	2016_2_2_10	146	bedrock	chromite	chromite	0.25-0.5	0.0514	0.0000	0.0019	0.0000	28.5184	36.2931	2.4659	0.0079	1.0430	0.2723	37.5880	96.4668	0.00	0.09	11.97	53.05	0.35	36.69	3.76	0.01	0.00	0.00	0.00	0.09	0.33	0.13	0.00	98.40
527	165UV027	2016_2_2_5	147	stream sediments	chromite	chromite	0.5-1.0	0.7161	0.0000	0.0000	0.0000	11.2125	19.0690	10.2885	0.0017	16.6696	0.1139	35.1500	98.6983	0.00	1.19	33.50	33.72	0.13	14.42	17.26	0.00	0.00	0.00	0.26	0.06	0.15	0.00	98.76	
528	165UV027	2016_2_2_6	148	stream sediments	chromite	chromite	0.5-1.0	0.0025	0.0000	0.0000	0.0000	11.2125	19.0690	10.2885	0.0017	16.6696	0.1139	35.1500	98.6983	0.00	1.19	33.50	33.72	0.13	14.42	17.26	0.00	0.00	0.00	0.26	0.06	0.15	0.00	98.76	
529	165UV027	2016_2_2_3	149	stream sediments	chromite	chromite	0.5-1.0	0.2065	0.0111	0.0119	0.0000	15.5537	24.9538	7.9498	0.0008	14.9811	0.2039	34.8446	99.0475	0.00	0.34	28.31	36.47	0.26	20.01	13.18	0.00	0.01	0.20	0.09	0.15	0.00	99.04		
530	165UV027	2016_2_2_5	150	stream sediments	chromite	chromite	0.5-1.0	1.3449	0.0000	0.0014	0.0000	18.6124	28.8660	8.2562	0.0030	8.3710	0.1514	32.5778	98.4623	0.00	2.24	15.20	23.94	0.20	23.94	13.69	0.00	0.00	0.00	0.16	0.06	0.16	0.00	98.46	
531	165UV027	2016_2_2_6	151	stream sediments	chromite	chromite	0.25-0.5	0.3781	0.0102	0.0022	0.0000	11.4752	18.9714	11.0176	0.0018	19.7253	0.1020	37.2887	98.2485	0.00	0.63	37.27	27.73	0.13	14.76	18.27	0.00	0.00	0.04	0.24	0.05	0.09	0.00	98.22	
532	165UV027	2016_2_2_7	152	stream sediments	chromite	chromite	0.25-0.5	1.0734	0.0022	0.0000	0.0000	16.9955	29.7466	8.6853	0.0073	8.6027	0.1376	32.8186	98.3111	0.00	1.79	25.25	43.47	0.18	21.79	14.40	0.01	0.00	0.00	0.22	0.04	0.15	0.00	99.30	
533	165UV027	2016_2_2_8	153	stream sediments	chromite	chromite	0.25-0.5	1.5829	0.0004	0.0000	0.0000	13.0004	23.0000	9.9144	0.0008	8.8000	0.1927	35.9722	98.9566	0.00	0.59	11.10	35.32	0.16	15.20	10.00	0.00	0.00	0.00	0.13	0.00	0.22	0.00	99.11	
534	165UV027	2016_2_2_9	154	stream sediments	chromite	chromite	0.25-0.5	0.3509	0.0000	0.0002	0.0000	18.4858	28.9053	7.																					

