

APPENDIX 3 - North Charter Soil Sampling
Assay Results

Prospect	Sample_ID	Date	nom_Mine_grid_N orthing	nom_Mine_grid_E asting	nom_AMG_ nth	nom_AMG_ east	act_AMG_ nth	act_AMG_ ast	Garmin_acc uracy	Depth	Horizon	Colour	Comments	Al	As	Ba	Ca	Cr	Cu	Fe
Barite Creek	362347	20100125	5200	4800	5391694.52	390374.41	5391696	390382	3	0.3		brown	very poorly devel	86000	6	1700	10200	380	45	79100
Barite Creek	362348	20100125	5175	4800	5391671.36	390365	5391675	390367	3	0.7	c	orange brown		105200	16	460	4600	180	80	71000
Barite Creek	362349	20100125	5150	4800	5391648.21	390355.58	5391651	390349	3	0.7	c	orange brown		89700	12	550	3200	110	60	63300
Barite Creek	362350	20100125	5125	4800	5391625.05	390346.17	5391625	390352	4	0.8	c	orange		90400	12	280	3300	140	50	67000
Barite Creek	362351	20100125	5100	4800	5391601.89	390336.75	5391596	390337	4	0.7	c	orange brown		101800	8	250	3400	125	41	67900
Barite Creek	362352	20100125	5075	4800	5391578.73	390327.34	5391580	390330	5	0.9	c	orange		98100	18	325	3400	95	42	59300
Barite Creek	362353	20100125	5050	4800	5391555.57	390317.92	5391553	390318	6	0.7	c	orange brown		100000	20	240	2900	115	60	63300
Barite Creek	362354	20100125	5025	4800	5391532.41	390308.51	5391526	390305	5	0.6	c	orange		109000	34	275	5500	120	85	73800
Barite Creek	362355	20100125	5000	4800	5391509.25	390299.09	5391516	390297	6	0.4	c	brown ora	poorly devel	75400	22	185	2500	75	26	65300
Barite Creek	362356	20100125	4975	4800	5391486.09	390289.68	5391492	390288	7	0.3		red brown	poorly devel	69600	38	200	2400	70	28	62900
Barite Creek	362357	20100125	4950	4800	5391462.93	390280.26	5391430	390275	8	0.3		brown ora	poorly devel	57600	22	195	2100	49	18	46300
Barite Creek	362358	20100125	4925	4800	5391439.77	390270.85	5391441	390264	3	0.8	c	grey orange		72500	60	600	750	32	18	23200
Barite Creek	362359	20100125	4900	4800	5391416.61	390261.43	5391425	390257	3	0.1		orange	poorly devel	31300	16	375	700	5	10	6900
Barite Creek	362360	20100125	4875	4800	5391393.45	390252.02	5391397	390244	3	0.2		grey	poorly devel	26200	24	220	800	4	5	11700
Barite Creek	362383	20100127	4850	4800	5391370.29	390242.6	5391367	390234	5	0.3		grey	poorly devel	26100	6	475	700	8	5	10900
Barite Creek	362384	20100127	4825	4800	5391347.13	390233.19	5391356	390244	3	0.3		grey	poorly devel	32000	6	390	650	12	5	8800
Barite Creek	362385	20100127	4800	4800	5391323.97	390223.77	5391334	390236	3	0.5	c	grey		49700	12	600	445	10	4	11100
Barite Creek	362396	20100127	4925	5000	5391364.45	390456.12	5391374	390453	3	0.5		grey orang	unknown ho	25700	10	240	550	5	7	10400
Barite Creek	362397	20100127	4950	5000	5391387.61	390465.54	5391389	390457	5	0.3		grey	poorly devel	37700	12	385	500	4	5	11500
Barite Creek	362398	20100127	4975	5000	5391410.77	390474.95	5391404	390468	5	0.8	c	grey		38900	8	500	550	6	4	7500
Barite Creek	362399	20100127	5000	5000	5391433.93	390484.37	5391428	390480	6				no more info	76700	75	440	650	35	19	42900
Barite Creek	362400	20100127	4900	5000	5391341.29	390446.71	5391336	390443	5	0.5	c	grey		29300	4	385	600	4	5	6950
Nth Charter	362417	20100201	5450	4100	5392189.73	389820.09	5392198	389819	6	0.5	c	grey brown		83300	6	1000	320	6	3	5050
Nth Charter	362418	20100201	5425	4100	5392166.57	389810.68	5392162	389815	6	0.5	c	grey brown		68600	14	850	390	9	4	6400
Nth Charter	362419	20100201	5375	4100	5392120.26	389791.85	5392119	389800	6	0.5	c	orange		60800	105	900	750	42	21	31600
Nth Charter	362420	20100201	5350	4100	5392097.1	389782.43	5392095	389783	4	0.4	c	orange		86300	135	650	405	38	27	35500
Nth Charter	362421	20100201	5325	4100	5392073.94	389773.02	5392081	389771	4	0.3		brown gre	poorly devel	69000	375	550	2100	195	38	48700
Nth Charter	362422	20100201	5300	4100	5392050.78	389763.61	5392059	389763	3	0.8	c	grey		86800	170	1100	4300	315	75	48400
Nth Charter	362423	20100201	5275	4100	5392027.62	389754.19	5392026	389751	3	0.6	c	grey		43600	14	650	340	11	8	8900
Nth Charter	362424	20100201	5250	4100	5392004.46	389744.78	5392006	389745	4	0.5	c	orange		73300	220	1200	455	290	39	54900
Nth Charter	362425	20100201	5225	4100	5391981.3	389735.36	5391978	389735	5	0.6	c	orange grey		78600	80	1200	385	225	42	46500
Nth Charter	362426	20100201	5300	4300	5391975.46	389948.88	5391970	389953	4	0.6	c	grey		88600	65	900	550	430	70	57700
Nth Charter	362427	20100201	5275	4300	5391952.3	389939.47	5391962	389945	5	0.5	c	brown		55100	12	700	390	75	14	9550
Nth Charter	362428	20100201	5250	4300	5391929.14	389930.05	5391935	389932	5	0.4	c	grey brown		61200	28	750	455	155	17	22400
Nth Charter	362429	20100201	5225	4300	5391905.98	389920.64	5391909	389929	5	0.6	c	grey		64500	24	1100	415	80	11	15400
Nth Charter	362430	20100201	5175	4300	5391859.66	389901.81	5391862	389905	5	0.4	c	grey		43600	6	850	650	11	4	6650
Nth Charter	362431	20100201	5150	4300	5391836.5	389892.39	5391834	389891	5	0.4	c	grey		30000	6	600	500	9	6	12100
Nth Charter	362432	20100201	5125	4300	5391813.34	389882.98	5391804	389878	3	0.5	c	grey		57200	12	900	405	23	12	9500
Nth Charter	362433	20100201	5100	4300	5391790.18	389873.56	5391786	389886	3	0.5	c	grey	co ordinates	55900	70	600	550	375	22	38900
Nth Charter	362435	20100202	5325	4300	5391998.62	389958.3	5391999	389961	4	1.4	c	green grey		72800	60	850	420	215	44	38700
Nth Charter	362436	20100202	5350	4300	5392021.78	389967.71	5392024	389967	3	0.7	c	orange		63400	105	750	600	285	45	47700
Nth Charter	362437	20100202	5375	4300	5392044.94	389977.13	5392045	389977	3					88400	105	500	1700	900	105	85000
Nth Charter	362438	20100202	5425	4300	5392091.26	389995.96	5392088	389998	8	0.5	c	grey with orange		68000	38	900	260	55	10	14900
Nth Charter	362440	20100202	5200	3650	5392127.61	389309.08	5392132	389312	3	0.5	c	orange with grey		95300	85	850	285	16	65	87400
Nth Charter	362441	20100202	5200	3700	5392108.78	389355.39	5392107	389354	3	0.2		orange	unknown ho	91200	28	550	650	12	23	57100
Nth Charter	362443	20100203	5200	3750	5392089.95	389401.71	5392087	389397	3	0.8	c	orange		113200	55	440	335	13	6	83400
Nth Charter	362444	20100203	5200	3800	5392071.12	389448.03	5392075	389446	4	2		grey	poorly devel	47100	6	700	250	12	3	6100
Nth Charter	362445	20100203	5200	3850	5392052.29	389494.35	5392055	389491	4	0.6	c	orange		75800	65	1300	255	18	12	8200

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Nth Charter	362446	20100203	5200	3900	5392033.46	389540.67	5392032	389544	3				highly altered	108100	38	1200	205	15	14	12300
Nth Charter	362447	20100203	5200	3950	5392014.63	389586.99	5392015	389581	3	0.6	c	dark orange		72100	1500	1200	195	22	50	70000
Nth Charter	362448	20100203	5200	4000	5391995.8	389633.31	5392000	389639	3	0.5	c	pale orange		87100	245	7900	380	7	43	25100
Nth Charter	362449	20100203	5200	4050	5391976.97	389679.63	5391986	389680	3	0.5	c	orange		49700	14	3200	355	3	5	3400
Barite Creek	365420	20100125	5250	4900	5391703.18	390485.88	5391698	390482	3	1.4		orange	steep slope	105200	14	230	4300	90	100	61400
Barite Creek	365421	20100125	5225	4900	5391680.02	390476.46	5391678	390472	4	0.7	c	orange	steep slope	88500	12	355	5300	225	135	76900
Barite Creek	365422	20100125	5200	4900	5391656.86	390467.05	5391660	390462	4	0.5		deep orange	steep slope	81900	14	490	4600	125	65	65800
Barite Creek	365423	20100125	5175	4900	5391633.71	390457.63	5391634	390461	4	0.8	c	orange	steep slope	65000	14	330	425	155	29	61600
Barite Creek	365424	20100125	5125	4900	5391587.39	390438.8	5391590	390442	7	0.8		deep orange	steep slope	93800	24	405	4100	115	50	69000
Barite Creek	365425	20100125	5100	4900	5391564.23	390429.39	5391563	390430	6	1.2	c	orange/wh	steep slope,	98400	105	470	380	60	23	55700
Barite Creek	365426	20100125	5075	4900	5391541.07	390419.97	5391536	390425	4	1.5	c	orange	clay, slope	104300	80	360	1500	120	60	69000
Barite Creek	365427	20100125	5050	4900	5391517.91	390410.56	5391522	390416	5	1.1	c	orange	clay, slope	103400	110	470	1100	75	29	78200
Barite Creek	365428	20100125	5025	4900	5391494.75	390401.15	5391497	390394	3	1	c	orange with	steep slope	105500	20	275	155	100	90	74800
Barite Creek	365429	20100125	5000	4900	5391471.59	390391.73	5391474	390388	3	1.1	c	orange	slope	110300	12	185	200	90	65	59400
Barite Creek	365430	20100125	4975	4900	5391448.43	390382.32	5391450	390380	3	0.8	c	orange/wh	steep slope	103000	20	295	190	95	34	69200
Barite Creek	365431	20100127	4950	4900	5391425.27	390372.9	5391429	390378	5	0.5	b	orange	slope	46700	30	500	170	5	10	10300
Barite Creek	365432	20100127	4925	4900	5391402.11	390363.49	5391406	390363	5	0.6	c	grey	slope	68200	26	800	170	4	10	9850
Barite Creek	365433	20100127	4900	4900	5391378.95	390354.07	5391381	390352	4	0.6	c	grey	slope	52000	6	550	120	2	3	6550
Nth Charter	365482	20100201	5450	4200	5392152.07	389912.73	5392150	389909	4	0.7	c	orange		83100	60	465	1600	900	135	106100
Nth Charter	365483	20100201	5425	4200	5392128.92	389903.32	5392122	389903	4	1.2		red with black		110600	75	1400	170	1100	395	104600
Nth Charter	365484	20100201	5375	4200	5392082.6	389884.49	5392082	389882	5	0.6	c	orange		103000	75	340	1100	550	165	100700
Nth Charter	365485	20100201	5350	4200	5392059.44	389875.07	5392062	389872	5	0.7	c	orange		90200	125	255	10800	700	100	86800
Nth Charter	365486	20100201	5325	4200	5392036.28	389865.66	5392030	389868	5	0.8		brown/ora	slope	114200	130	65	2200	1100	185	146500
Nth Charter	365487	20100201	5300	4200	5392013.12	389856.24	5392016	389856	3	0.6	c	orange		111000	90	550	155	275	70	79400
Nth Charter	365488	20100201	5275	4200	5391989.96	389846.83	5391991	389843	3	0.4	c	orange-green		99400	48	1100	205	190	43	57300
Nth Charter	365489	20100201	5250	4200	5391966.8	389837.41	5391971	389831	3	0.4	c	orange/white		64500	80	1200	170	70	24	43100
Nth Charter	365490	20100201	5225	4200	5391943.64	389828	5391944	389826	3	0.4	c	orange		83500	70	800	435	360	40	68800
Nth Charter	365491	20100201	5175	4200	5391897.32	389809.17	5391900	389809	3	0.6	c	orange		52100	95	600	235	550	95	95000
Nth Charter	365492	20100201	5150	4200	5391874.16	389799.75	5391879	389800	3	0.3		grey-green		86600	32	750	215	300	50	52000
Nth Charter	365493	20100201	5050	4400	5391706.2	389947.37	5391710	389947	3	0.6		brown/ora	poor sample	46000	270	600	30	370	50	66500
Nth Charter	365494	20100201	5075	4400	5391729.36	389956.79	5391725	389953	6	0.5	c	orange/grey		97600	50	500	180	125	25	62600
Nth Charter	365495	20100201	5100	4400	5391752.52	389966.2	5391749	389965	5	0.4	c	orange/grey		76200	400	405	550	175	115	93000
Nth Charter	365496	20100201	5125	4400	5391775.68	389975.62	5391776	389973	4	0.5		brown/orange		62600	315	150	2400	400	60	86700
Nth Charter	365497	20100201	5150	4400	5391798.84	389985.03	5391803	389990	5	0.5	c	orange		76400	185	175	105	900	125	100100
Nth Charter	365498	20100201	5175	4400	5391822	389994.44	5391820	389995	4	0.4	c	orange		101000	220	1000	150	205	50	56500
Nth Charter	365500	20100202	5225	4400	5391868.32	390013.27	5391868	390014	3	0.6		grey/orange		48500	60	650	335	65	11	26100
Nth Charter	365501	20100202	5250	4400	5391891.48	390022.69	5391893	390021	3	0.6		green-grey/orange		81900	8	465	275	50	22	16400
Nth Charter	365502	20100202	5275	4400	5391914.64	390032.1	5391918	390032	3	0.5		grey		35200	6	485	185	22	7	5600
Nth Charter	365503	20100202	5300	4400	5391937.8	390041.52	5391939	390040	4	0.3		grey		39900	22	420	300	19	8	7300
Nth Charter	365504	20100202	5325	4400	5391960.96	390050.93	5391956	390052	6	0.2		grey	shallow rock	46800	10	650	335	6	6	6450
Nth Charter	365505	20100202	5350	4400	5391984.12	390060.35	5391974	390063	9	0.2		grey	shallow rock	52200	10	900	325	4	8	9300
Nth Charter	365510	20100202	5400	3750	5392275.22	389477.03	5392280	389479	3	0.3		brown/gre	next to road,	26800	8	420	850	3	8	3980
Nth Charter	365511	20100202	5400	3800	5392256.39	389523.35	5392260	389522	3	1.2	c	orange/yellow-white		119300	8	425	265	2	22	8000
Nth Charter	365512	20100203	5400	4100	5392143.41	389801.26	5392143	389796	3	0.7	c	grey-orange		106200	40	1400	550	160	21	14800
Nth Charter	365513	20100203	5400	4050	5392162.24	389754.95	5392164	389752	3	0.7	c	orange/grey		75000	50	1300	255	60	15	12300
Nth Charter	365514	20100203	5400	4000	5392181.07	389708.63	5392180	389713	3	0.8	c	orange/yel	boggy	59200	20	1100	800	105	30	14200
Nth Charter	365515	20100203	5400	3950	5392199.9	389662.31	5392202	389665	3	0.6	c	light orange/yellow		107000	20	1300	135	3	30	9900
Nth Charter	365516	20100203	5400	3900	5392218.73	389615.99	5392220	389612	3	0.6	c	green-grey		82100	8	1200	600	4	9	10300

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Nth Charter	365517	20100203	5400	3850	5392237.56	389569.67	5392237	389567	4	0.7	c	orange-grey		81000	8	1300	600	3	7	12300

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Prospect	Sample_ID	Date	nom_Mine_grid_N orthing	nom_Mine_grid_E asting	K	Li	Mg	Mn	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn	Ag	Be	Bi	Cd	Cs	Co	Hf	In	La	Mo	Nb	Rb	Sb	Se
Barite Creek	362347	20100125	5200	4800	10800	18	24600	2800	5700	110	500	50	500	34	170	3300	230	315	0.1	1	0.1	0.3	0.6	43	2	0.25	16.5	0.8	4.5	38	2	2
Barite Creek	362348	20100125	5175	4800	6100	21	9600	3300	1300	55	1400	220	550	28	125	4600	210	445	0.2	1.5	0.2	0.1	1.5	29.5	5	0.25	48.5	1.2	9	28	2.5	3.5
Barite Creek	362349	20100125	5150	4800	10200	19	11400	2500	3500	55	1100	45	350	22	75	3100	180	295	0.2	1.5	0.2	0.05	2.1	22.5	4	0.25	75	1.4	7	65	1.5	1.5
Barite Creek	362350	20100125	5125	4800	4900	20	7500	1100	1300	60	650	45	400	19	60	3700	230	155	0.1	1.5	0.2	0.05	2	19	4	0.25	47.5	0.9	7.5	19.5	1.5	3
Barite Creek	362351	20100125	5100	4800	3800	19	5200	1100	1500	42	600	30	400	23	75	3800	240	90	0.1	1.5	0.2	0.05	1.5	19	4	0.25	46	1.2	8	16	1.5	3
Barite Creek	362352	20100125	5075	4800	7400	18	4500	800	1700	27	480	40	450	19	75	3500	190	80	0.2	1	0.3	0.05	2.2	12.5	4	0.25	55	1.6	8.5	32	2.5	3.5
Barite Creek	362353	20100125	5050	4800	1800	14	6500	1100	415	55	1100	45	350	24	90	3200	220	165	0.1	2	0.2	0.1	1	24.5	4	0.25	75	1.2	7	9	2.5	2.5
Barite Creek	362354	20100125	5025	4800	3000	24	10900	1400	475	60	950	180	450	29	110	3300	215	365	0.2	1.5	0.2	0.2	1.3	32.5	4	0.25	70	2	7	11.5	4	3
Barite Creek	362355	20100125	5000	4800	1600	7	3100	750	290	28	750	65	450	15	60	3300	190	145	0.2	1	0.2	0.1	0.6	6.5	3	0.25	48.5	1.6	7	8.5	3.5	2
Barite Creek	362356	20100125	4975	4800	2600	9	2500	430	500	20	800	90	700	11	65	3300	175	75	0.2	1	0.3	0.05	1.1	4.8	3	0.25	70	2.2	7.5	11.5	3	3
Barite Creek	362357	20100125	4950	4800	4500	5	2200	145	490	16	465	40	500	10	60	3300	160	33	0.2	0.25	0.3	0.05	2.1	3	3	0.25	65	2.2	9	25.5	2	2
Barite Creek	362358	20100125	4925	4800	21500	5	4400	115	360	11	470	20	150	14	38	3800	125	41	0.05	1	0.3	0.05	6	2	4	0.25	85	2.9	11.5	80	6.5	0.25
Barite Creek	362359	20100125	4900	4800	14300	3	1900	50	340	1	220	15	450	5	11	1300	29	18	0.4	0.5	0.2	0.1	1.1	0.4	2	0.25	31.5	0.9	5.5	42.5	2	0.25
Barite Creek	362360	20100125	4875	4800	11100	4	1200	110	320	1	125	10	200	1	10	1000	4	11	0.2	1	0.1	0.05	0.6	0.4	3	0.25	38	1.4	7	32.5	3	0.25
Barite Creek	362383	20100127	4850	4800	13200	3	2200	115	295	1	115	10	250	3	9	1700	23	15	0.3	0.5	0.4	0.1	1.1	0.6	2	0.25	25	0.8	6	38	2.5	0.5
Barite Creek	362384	20100127	4825	4800	15300	1	2500	60	370	2	110	5	150	5	10	2700	12	10	0.1	1	0.2	0.05	2.1	0.6	4	0.25	39.5	1.7	13	49.5	2.5	0.25
Barite Creek	362385	20100127	4800	4800	24200	3	3800	75	415	1	110	5	100	6	9	2500	18	14	0.05	1.5	0.2	0.05	2.4	0.4	4	0.25	55	2.1	13	80	4	0.25
Barite Creek	362396	20100127	4925	5000	11900	3	1700	85	290	3	125	10	150	1	7	1000	6	10	0.2	0.5	0.2	0.05	0.9	0.6	3	0.25	37.5	1.2	6.5	36.5	2.5	0.5
Barite Creek	362397	20100127	4950	5000	18700	2	2000	100	340	1	90	2.5	150	1	6	800	6	8	0.05	1	0.1	0.05	1.1	0.4	3	0.25	42.5	1.2	6	55	2.5	0.5
Barite Creek	362398	20100127	4975	5000	18100	2	2400	50	320	2	170	5	150	3	8	1600	13	10	0.1	1	0.2	0.05	3.2	0.4	3	0.25	55	1.3	8.5	55	2.5	0.25
Barite Creek	362399	20100127	5000	5000	13400	6	2900	70	235	21	280	25	150	7	24	3000	155	44	0.1	1	0.5	0.05	2.4	1.8	3	0.25	44.5	2.4	8.5	44	6.5	1.5
Barite Creek	362400	20100127	4900	5000	14000	1	1700	60	285	2	130	5	100	4	8	2800	29	11	0.1	1	0.1	0.05	1.6	0.4	3	0.25	60	0.8	10	38	2	0.25
Nth Charter	362417	20100201	5450	4100	34500	6	4600	55	470	6	150	30	50	9	15	2400	41	47	0.4	2	1.1	0.05	8.5	0.4	5	0.25	70	0.7	9.5	100	7.5	0.25
Nth Charter	362418	20100201	5425	4100	29500	3	2600	180	420	5	190	50	200	11	14	2500	48	35	0.3	1	0.3	0.05	2.6	0.6	4	0.25	75	0.6	8.5	80	5.5	0.25
Nth Charter	362419	20100201	5375	4100	21300	6	3100	155	315	16	340	110	200	10	30	2900	70	50	0.3	1	0.6	0.05	2.7	1.4	3	0.25	80	3	9.5	65	10	1.5
Nth Charter	362420	20100201	5350	4100	27800	5	2700	125	345	17	355	90	150	11	16	2800	75	65	0.2	1	0.4	0.05	2.4	1.2	5	0.25	55	4.5	11	80	15.5	1.5
Nth Charter	362421	20100201	5325	4100	12200	13	6600	220	1600	39	650	75	500	13	70	2400	140	60	0.4	1	0.4	0.05	4.2	4.2	3	0.25	60	3.4	6	55	8	3
Nth Charter	362422	20100201	5300	4100	19900	19	18800	600	1900	100	1000	90	300	22	155	3700	205	165	1	1.5	0.5	0.05	4.5	15	4	0.25	85	2.5	8	70	11	1.5
Nth Charter	362423	20100201	5275	4100	22100	6	2800	120	345	2	165	35	250	7	11	2400	32	16	0.6	1	0.3	0.05	1.5	0.6	3	0.25	70	1.9	9.5	75	14	1
Nth Charter	362424	20100201	5250	4100	28200	11	7700	275	500	28	460	95	150	20	19	3400	255	55	0.2	1.5	0.6	0.05	4.3	2.8	4	0.25	65	3.4	7	100	25.5	3
Nth Charter	362425	20100201	5225	4100	27700	12	10300	240	1000	41	600	70	100	18	23	3100	225	65	0.1	1.5	0.8	0.05	4.5	3.2	4	0.25	75	2.9	7	85	12.5	2
Nth Charter	362426	20100201	5300	4300	22700	18	12800	340	750	80	1000	55	150	26	42	3900	260	90	0.1	2	1	0.05	3.8	9	4	0.25	80	3.2	9	65	8.5	3
Nth Charter	362427	20100201	5275	4300	22300	6	2300	75	1000	6	285	25	200	11	19	2400	50	13	0.1	1.5	0.4	0.05	2.9	0.8	3	0.25	65	1.2	8	70	4	0.5
Nth Charter	362428	20100201	5250	4300	22700	5	3000	55	800	10	325	30	150	16	21	2600	125	15	0.05	1.5	0.8	0.05	3.5	1	4	0.25	70	2.5	8	80	5	1.5
Nth Charter	362429	20100201	5225	4300	29300	4	4200	75	600	6	355	20	100	19	19	2700	130	17	0.2	1.5	0.5	0.05	4.1	0.8	4	0.25	65	2.4	7.5	115	5	0.5
Nth Charter	362430	20100201	5175	4300	20600	2	2700	55	385	1	195	20	150	12	13	3400	80	16	0.3	1	0.3	0.05	3.8	0.4	3	0.25	50	0.7	9.5	75	3.5	0.25
Nth Charter	362431	20100201	5150	4300	13400	3	2100	120	310	1	195	15	100	9	15	3500	55	11	0.2	0.5	0.3	0.05	2.5	0.6	3	0.25	37	0.9	9.5	47	3.5	0.25
Nth Charter	362432	20100201	5125	4300	26600	3	3400	60	465	3	225	20	100	14	12	2700	95	19	0.1	1	0.3	0.05	3.8	0.4	3	0.25	75	1.5	8	95	5	0.25
Nth Charter	362433	20100201	5100	4300	15700	7	12300	160	550	60	550	65	250	23	18	3300	165	75	0.2	1	0.4	0.05	3.1	3.6	3	0.25	75	2.4	7	60	7	1
Nth Charter	362435	20100202	5325	4300	27200	10	7300	180	650	42	600	40	150	23	24	3000	170	55	0.3	1.5	0.6	0.05	4	5	4	0.25	70	3.5	8	100	9	3
Nth Charter	362436	20100202	5350	4300	21900	9	5700	215	465	37	650	45	300	21	21	2600	155	45	0.3	1.5	0.5	0.05	3.2	4.2	4	0.25	60	3.5	7	80	9	4
Nth Charter	362437	20100202	5375	4300	12500	19	13900	550	600	150	1000	65	400	41	55	3700	250	110	0.5	1.5	1.1	0.05	2.9	19	4	0.25	60	2.6	9.5	39	11	5
Nth Charter	362438	20100202	5425	4300	30300	4	4200	55	600	10	300	40	100	15	17	2700	100	19	0.2	1.5	0.5	0.05	3.7	0.8	4	0.25	65	3	8	105	7	0.25
Nth Charter	362440	20100202	5200	3650	16900	3	2300	60	165	1	700	145	200	23	70	3900	200	85	0.05	1.5	0.4	0.05	1.5	0.6	6	0.25	60	60	12	95	15	2.5
Nth Charter	362441	20100202	5200	3700	8700	16	8800	850	320	5	1200	35	200	37	65	4000	215	160														

APPENDIX 3 - North Charter Soil Sampling
Assay Results

Prospect	Sample_ID	Date	nom_Mine_grid_N orthing	nom_Mine_grid_E asting	K	Li	Mg	Mn	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn	Ag	Be	Bi	Cd	Cs	Co	Hf	In	La	Mo	Nb	Rb	Sb	Se
Nth Charter	362446	20100203	5200	3900	41200	7	4600	105	370	3	340	45	150	14	15	2200	41	24	0.4	2	0.8	0.05	3.5	0.4	6	0.25	55	8	10	150	37	0.25
Nth Charter	362447	20100203	5200	3950	35200	3	3300	90	375	1	240	60	350	14	16	2400	33	20	3	1.5	0.4	0.05	1.4	0.2	6	0.25	140	4.5	11	120	80	0.5
Nth Charter	362448	20100203	5200	4000	57300	3	2400	85	950	1	235	45	200	13	40	2600	41	13	1.1	1	0.2	0.05	1.2	0.4	7	0.25	105	8	11.5	155	35	0.25
Nth Charter	362449	20100203	5200	4050	35500	2	1900	75	650	1	185	325	100	9	17	2100	23	12	1.1	1	0.05	0.05	1.2	0.2	4	0.25	60	1	9	90	5	0.25
Barite Creek	365420	20100125	5250	4900	1400	15	9000	1400	4100	50	700	15	150	47	75	4300	225	100	0.1	2	0.2	0.2	0.7	42.5	3	0.25	60	0.3	8	9	1.5	0.25
Barite Creek	365421	20100125	5225	4900	5500	24	12100	3200	2300	90	650	85	400	42	95	4300	260	320	0.2	1.5	0.2	0.2	1	70	4	0.25	22	1.2	10	8.5	2	3
Barite Creek	365422	20100125	5200	4900	9400	22	16000	1700	4200	70	750	55	250	26	120	4200	190	330	0.2	2	0.2	0.2	1.2	32	5	0.25	50	1.1	11.5	28.5	2.5	1.5
Barite Creek	365423	20100125	5175	4900	11700	19	7600	550	2300	39	490	20	300	15	14	2300	165	145	0.3	2	0.2	0.1	2.1	12.5	4	0.25	24.5	2.2	7	23.5	1.5	1.5
Barite Creek	365424	20100125	5125	4900	7900	19	10300	3300	1500	47	750	105	650	23	90	3800	225	240	0.2	1.5	0.2	0.05	1.8	24.5	4	0.25	50	2.2	11	34	3.5	3.5
Barite Creek	365425	20100125	5100	4900	18800	9	3800	105	310	25	395	40	150	12	26	3000	190	75	0.3	1.5	0.6	0.05	4.6	2.4	4	0.25	55	3.8	14	85	8.5	1.5
Barite Creek	365426	20100125	5075	4900	10500	19	6400	350	325	37	800	105	300	22	50	3400	215	175	0.4	1.5	0.4	0.05	3.1	12.5	5	0.25	46.5	2.8	12.5	41	7.5	4.5
Barite Creek	365427	20100125	5050	4900	16100	10	4700	145	335	22	600	60	250	14	45	3100	195	85	0.3	1.5	0.5	0.05	5.5	2.8	4	0.25	50	4.1	13	85	8	4
Barite Creek	365428	20100125	5025	4900	5600	14	3000	2500	175	40	1000	40	300	40	49	3900	265	225	0.2	3.5	0.2	0.3	1.6	55	5	0.25	65	1.1	10.5	25.5	5	0.5
Barite Creek	365429	20100125	5000	4900	1900	13	3500	195	205	55	750	55	100	29	20	4100	270	250	0.2	2	0.1	0.05	0.7	13	5	0.25	26	0.5	11	5.5	3	0.25
Barite Creek	365430	20100125	4975	4900	9300	12	3500	950	205	60	850	15	250	29	11	3800	230	110	0.2	3	0.2	0.05	2.2	20.5	5	0.25	18	1.1	11	39.5	3	1
Barite Creek	365431	20100127	4950	4900	22700	3	2400	45	320	1	130	10	50	5	7	1600	34	12	0.2	1.5	0.2	0.05	1.7	0.4	3	0.25	50	2.4	11	80	6.5	0.25
Barite Creek	365432	20100127	4925	4900	36300	3	3900	55	340	1	150	10	25	10	9	2000	60	17	0.2	1.5	0.3	0.05	3.5	0.6	3	0.25	65	1.7	13	125	4.5	0.25
Barite Creek	365433	20100127	4900	4900	27300	3	2900	40	340	1	80	2.5	50	1	6	750	3	9	0.2	1	0.2	0.05	1.5	0.4	3	0.25	65	0.5	8	100	2	0.25
Nth Charter	365482	20100201	5450	4200	6600	14	4400	3700	425	200	1100	115	450	45	50	3300	290	130	0.4	2.5	1	0.2	1.8	110	4	0.25	65	1.8	8	19	7.5	4.5
Nth Charter	365483	20100201	5425	4200	900	90	1400	28000	165	1100	1600	500	750	60	10	4000	385	550	2.7	3	0.7	1.9	0.4	600	3	0.25	36.5	0.9	7	1.6	6.5	2
Nth Charter	365484	20100201	5375	4200	1700	14	2200	6200	405	260	1600	120	650	48	35	3400	280	190	0.4	2.5	0.9	0.2	1.1	170	4	0.25	55	1.1	8	8.5	5	4.5
Nth Charter	365485	20100201	5350	4200	4300	19	14300	600	2400	130	850	130	850	32	190	4400	310	115	0.4	1	1.3	0.05	2	15	4	0.25	55	2.4	10.5	20	10	4.5
Nth Charter	365486	20100201	5325	4200	650	12	3300	550	420	205	2300	160	550	65	42	4100	360	215	0.3	2.5	0.9	0.2	0.8	49	4	0.25	28	2	10	1.6	6.5	4.5
Nth Charter	365487	20100201	5300	4200	12300	9	4300	385	190	60	500	55	300	26	27	3900	255	65	0.2	1.5	1.7	0.05	3.8	9.5	4	0.25	28.5	2.3	8.5	28.5	5	4.5
Nth Charter	365488	20100201	5275	4200	25800	12	10200	550	265	70	485	30	200	27	31	3800	265	115	0.2	1.5	1	0.05	5.5	9.5	4	0.25	55	1.6	9	95	5.5	2
Nth Charter	365489	20100201	5250	4200	24400	5	3900	140	355	16	485	140	100	17	23	3600	195	33	0.3	1.5	0.7	0.05	4.7	2.2	3	0.25	50	2	8.5	95	5	1
Nth Charter	365490	20100201	5225	4200	18500	15	10300	240	495	46	550	45	250	30	31	3500	260	50	0.2	1.5	0.6	0.05	3.5	3.6	3	0.25	80	2.4	8	85	6.5	4
Nth Charter	365491	20100201	5175	4200	19400	3	2800	120	190	55	1600	15	200	18	9	3600	265	35	0.2	3.5	0.3	0.05	1.9	8	4	0.25	22.5	2.2	8	37	12.5	1.5
Nth Charter	365492	20100201	5150	4200	17700	17	18000	330	2400	80	495	25	150	33	21	4500	290	60	0.2	1.5	0.6	0.05	4.3	9	4	0.25	110	2.8	9	85	4.5	1
Nth Charter	365493	20100201	5050	4400	43900	3	3200	50	250	6	850	70	150	11	4	4400	300	22	0.3	2.5	0.5	0.05	3.7	0.4	5	0.25	19.5	2.3	11.5	75	35.5	1.5
Nth Charter	365494	20100201	5075	4400	22400	35	43700	650	325	55	950	65	150	29	16	3500	240	105	0.3	1.5	0.1	0.05	4.3	12.5	4	0.25	115	0.6	9	100	3.5	0.5
Nth Charter	365495	20100201	5100	4400	2300	14	5900	270	180	85	1300	125	300	31	60	3500	280	160	0.3	2.5	0.6	0.05	1.1	7.5	4	0.25	110	1	9	6.5	4.5	1
Nth Charter	365496	20100201	5125	4400	355	15	19200	475	2100	100	1700	150	600	14	130	2400	185	150	0.3	1	1.1	0.05	0.2	11.5	3	0.25	31.5	2.8	5.5	0.3	6	5.5
Nth Charter	365497	20100201	5150	4400	650	3	850	65	140	35	1400	155	300	24	24	3000	260	110	0.2	2	0.2	0.05	0.5	3.8	3	0.25	34.5	0.4	7.5	0.9	2.5	3
Nth Charter	365498	20100201	5175	4400	20600	2	2200	30	430	12	750	10	150	24	18	3900	230	28	0.2	2.5	0.4	0.05	3	2.2	4	0.25	35	2.8	9.5	75	9.5	1.5
Nth Charter	365500	20100202	5225	4400	18100	4	3500	105	470	10	235	35	150	11	19	2900	115	22	0.2	1	0.2	0.05	2.5	1.6	3	0.25	55	1.3	7.5	70	4	1
Nth Charter	365501	20100202	5250	4400	28400	9	2800	60	310	31	210	20	50	11	7	4600	120	115	0.2	2	2.1	0.05	2.9	5	6	0.25	37	2.1	14	75	3.5	0.25
Nth Charter	365502	20100202	5275	4400	15900	3	2100	50	325	4	135	25	100	8	11	3100	60	14	0.2	1	0.2	0.05	1.9	0.8	3	0.25	38	1.1	9	60	4.5	0.25
Nth Charter	365503	20100202	5300	4400	14700	2	1400	65	750	8	125	30	100	9	23	4300	39	18	0.2	1	0.2	0.05	1.8	1.2	3	0.25	33.5	2.5	12	55	6	0.25
Nth Charter	365504	20100202	5325	4400	19300	2	1400	60	4200	2	120	10	100	10	46	4100	31	13	0.2	1	0.7	0.05	1.8	1.2	4	0.25	34	0.9	13.5	70	3	0.25
Nth Charter	365505	20100202	5350	4400	22700	3	1600	105	4100	4	180	25	150	9	50	3600	32	17	0.2	1	0.4	0.05	2.3	1	4	0.25	26.5	0.7	13	80	3.5	0.25
Nth Charter	365510	20100202	5400	3750	7500	1	375	45	5300	1	180	15	250	5	36	3200	16	19	0.3	0.25	0.05	0.05	0.6	0.6	3	0.25	55	0.8	13	20.5	3	0.25
Nth Charter	365511	20100202	5400	3800	16100	4	1600	40	255	6	115	40	50	10	7	2200	34	75	0.2	1.5	0.05	0.05	1.5	0.8	5	0.25	65	0.2	10	70	2	0.25
Nth Charter	365512	20100203	5400	4100	39500	3	4600	155	470	19	550	100	150	31	26	4600	230	24	0.3	2.5	0.5	0.05	4.3	1.4	5	0.25	115	2.5	10.5	130	15	0.25
Nth Charter	365513	20100203	5400	4050	31900	7	3900	95	475																							

**APPENDIX 3 - North Charter Soil Sampling
Assay Results**

Prospect	Sample_ID	Date	nom_Mine_grid_N orthing	nom_Mine_grid_E asting	K	Li	Mg	Mn	Na	Ni	P	Pb	S	Sc	Sr	Ti	V	Zn	Ag	Be	Bi	Cd	Cs	Co	Hf	In	La	Mo	Nb	Rb	Sb	Se
Nth Charter	365517	20100203	5400	3850	24500	6	2000	100	5700	4	210	20	200	10	75	2500	41	55	0.1	1.5	0.2	0.05	1.8	1.2	5	0.25	75	1	11	85	2.5	0.25