

Assessment Report on the 2012 Geological Program

Moosehorn Property Whitehorse Mining District, Yukon Territory

Located at
Latitude 63°00'03"N, Longitude 140° 50' 58"W
NTS Mapsheet115N/02

Quartz Claims:
FOX 1-4, GIT 1-2, GIT 5-6, LIN 1-10, PUD 1-2, RAG 1-6, RAN 1-8, RED 1-8, SAY 1-3, SCOT 1-91, SCOT 96-
111, SEE 1-6, WELL 1-10, WIND 1-22, WINE 1-9, WOMP 1-20, WOMP 24-29, WON 1-8
Registered to: Hartley and Associates

For work performed between July 23 and October 12, 2012

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May 30, 2013

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1.0 Introduction

The Moosehorn property is located in the western central part of the Yukon Territory, along the Yukon-Alaska border in the Whitehorse Mining District. The property is located 135km southwest of Dawson City and 70km north of Beaver Creek. Exploration in the area started in the 1970's with a hard rock gold in quartz vein discovery. Placer mining turned out to be more feasible and the companies in the area switched to Placer mining instead. A small open pit mine, now called the Swede Pit, commenced on the No. 1 vein in 1994 by Sikanni Oilfield Construction. Production on the pit was 20 tons per day during the summer months. The mill was closed in 1996 and all infrastructure was removed from site. Exploration on the property started up again from 2006 to 2008. In early 2012, Canenco Mines Ltd. ("Canenco"), a private mining company based in Edmonton, Alberta made an agreement with Hartley and Associates, the registered owner of the 234 claims that comprise the Moosehorn property. Canenco performed and supervised the work on the Moosehorn property on behalf of Hartley and Associates during 2012. The main objectives of the 2012 program were to determine the potential of the property for bulk sampling and extraction of the gold quartz veins.

2.0 Property Description and Location

The Moosehorn Project is located within the Whitehorse Mining District on NTS mapsheet 115N/02 and 115K/15 (Figure 1). The claim block consists of 234 full or fractional quartz mining claims for a total of 43.1 km² centred at approximately N 63° 00' 03" / W 140° 50' 58" (Table 1 and Figure 2). The claims are contiguous but form an irregular shape due to earlier generations of claim staking.

The Moosehorn Range area is part of the traditional territory of the Trondek Hwech'in First Nation. Certain aboriginal rights extend over all territory lands and are guaranteed by the Canadian Constitution. All of the property lies on crown land and management is the responsibility of the Yukon territorial government.

3.0 Accessibility and Infrastructure

The Moosehorn Property is located within the prolific Tintina Gold Belt in the west central part of the Yukon Territory on the Alaska Border. It is 70km north of Beaver Creek and 135km southwest of Dawson City. Access to the site is year round by fixed wing airplane or by helicopter from Dawson City or Whitehorse during the summer and by winter road, located north of Beaver Creek, during February and March depending on road and snow conditions (Figure 3).

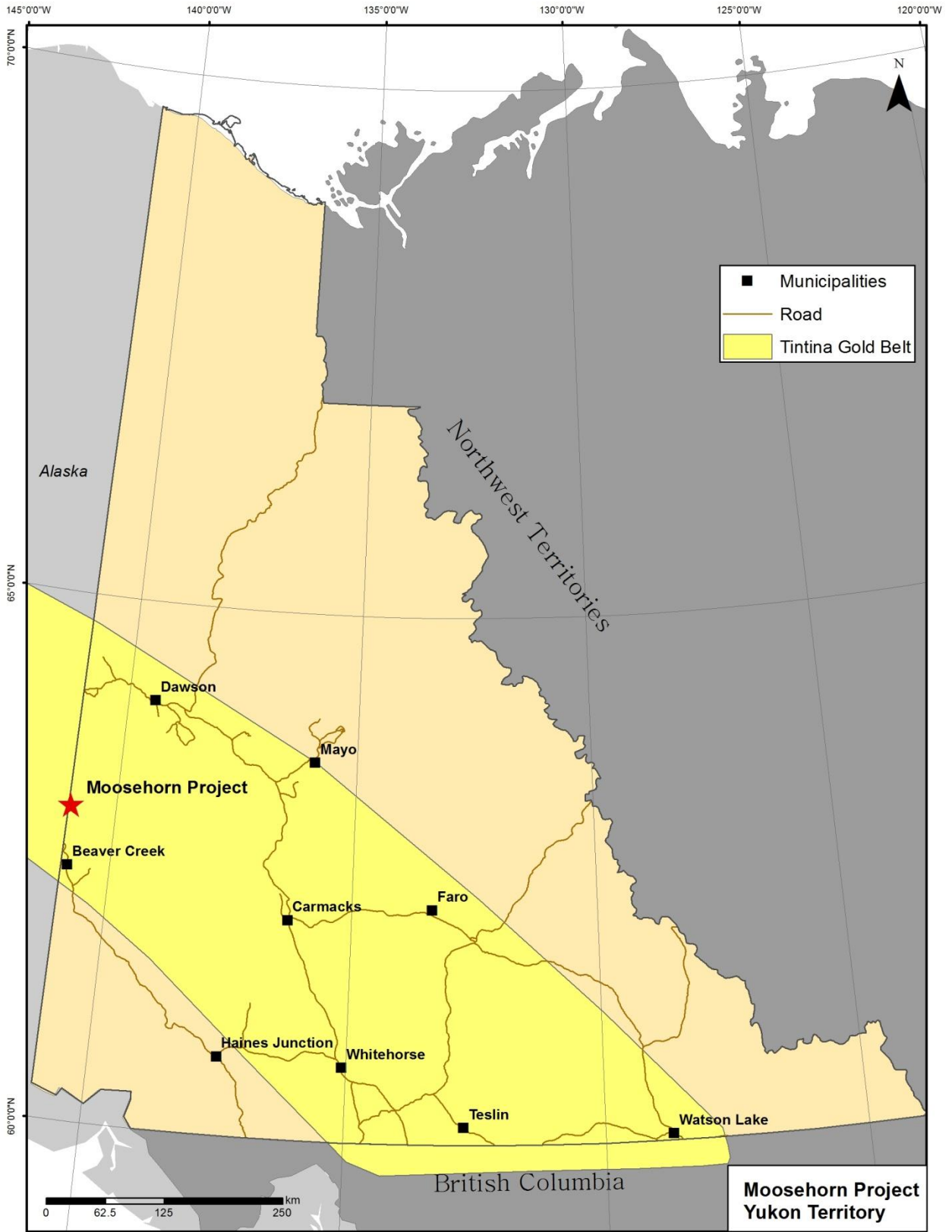


Figure 1: Moosehorn Location

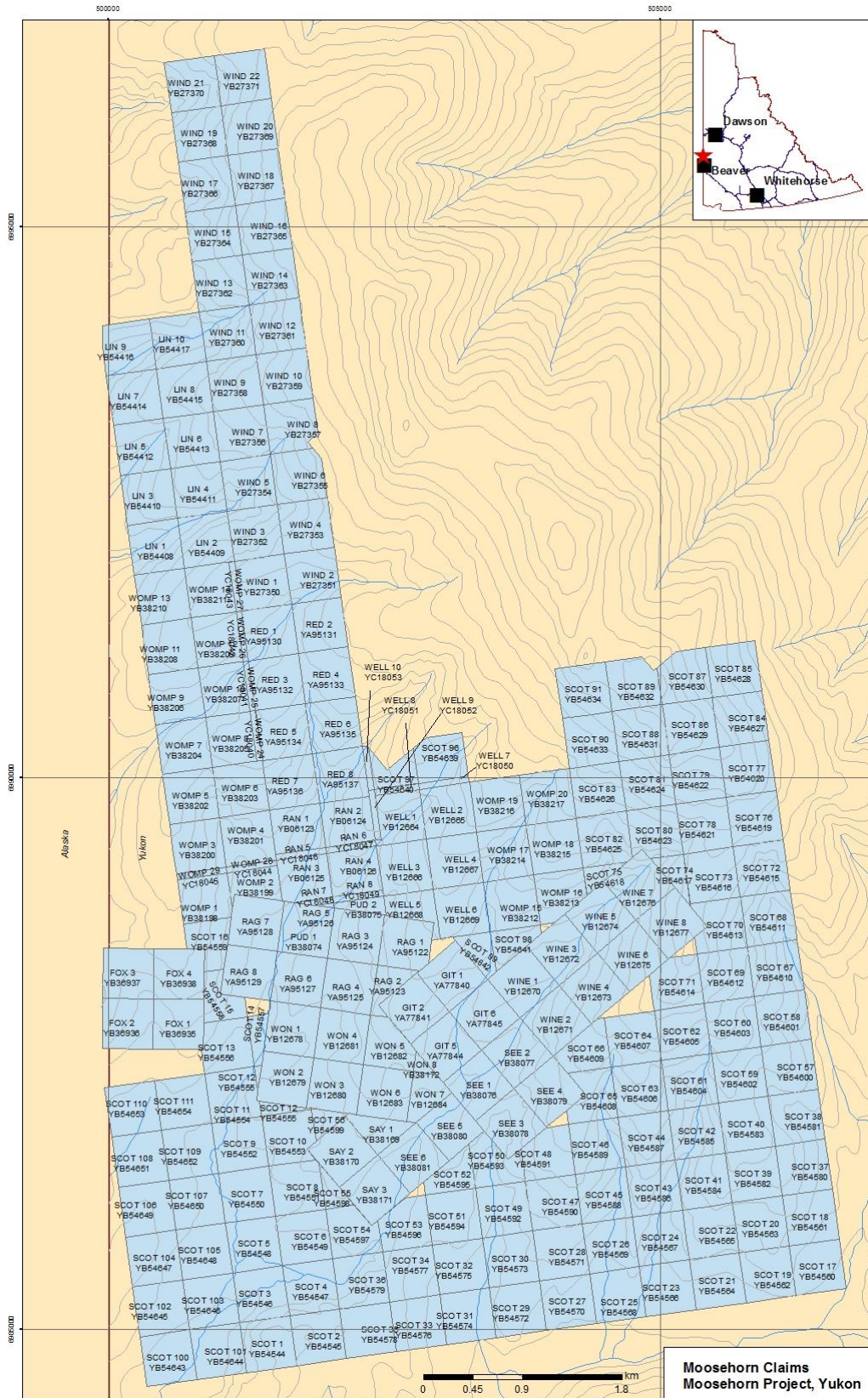


Figure 2: Moosehorn Claims

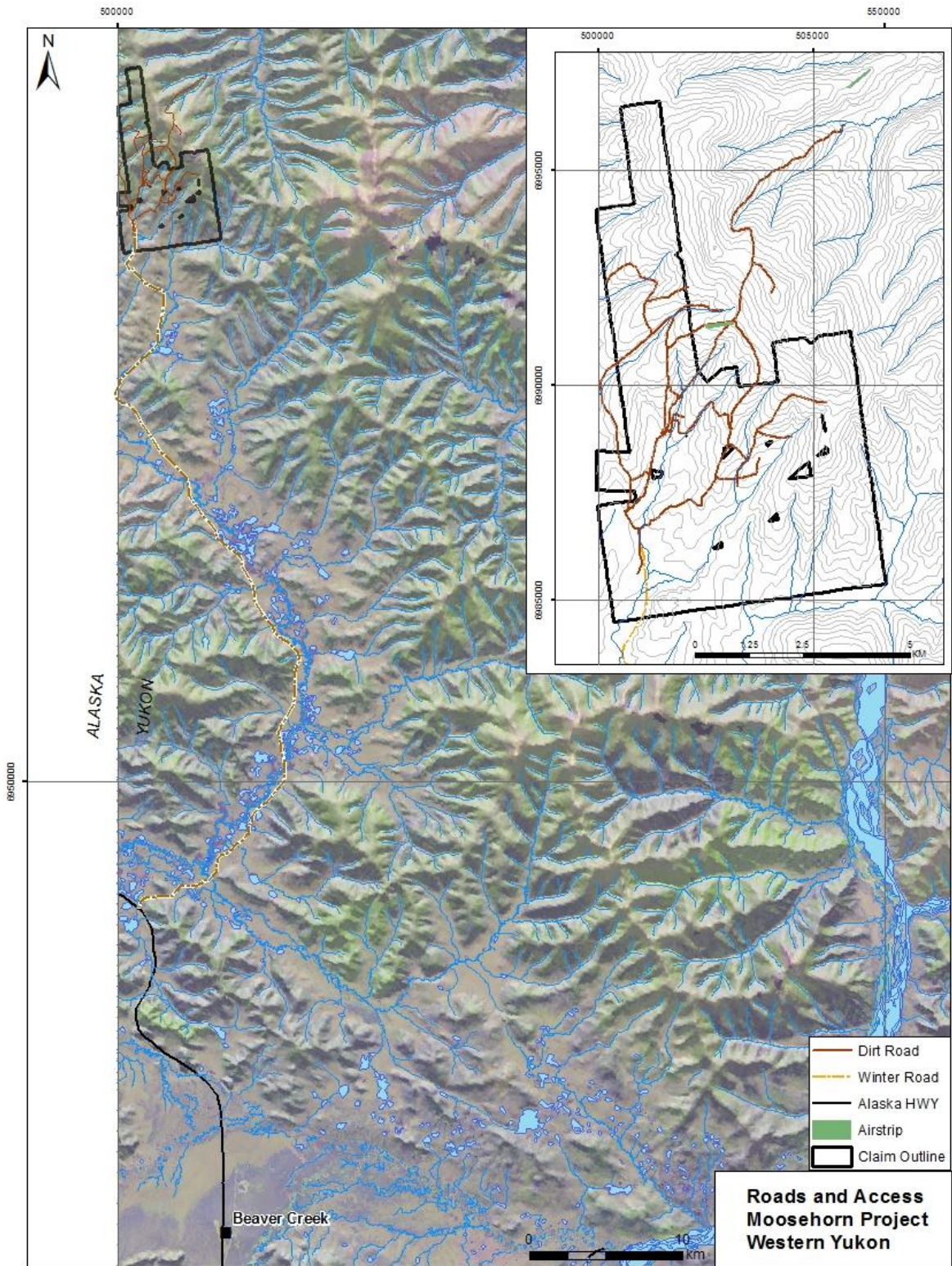


Figure 3: Moosehorn Access

Grant Number	Claim	Owner	Expiry Date	Proposed Expiry Date	Area (km2)
YB36935	FOX 1	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB36936	FOX 2	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB36937	FOX 3	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB36938	FOX 4	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YA77840	GIT 1	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA77841	GIT 2	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA77844	GIT 5	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA77845	GIT 6	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB54408	LIN 1	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54417	LIN 10	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54409	LIN 2	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54410	LIN 3	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54411	LIN 4	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54412	LIN 5	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54413	LIN 6	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54414	LIN 7	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54415	LIN 8	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54416	LIN 9	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.207
YB38074	PUD 1	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.004
YB38075	PUD 2	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.051
YA95122	RAG 1	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.206
YA95123	RAG 2	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.091
YA95124	RAG 3	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95125	RAG 4	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95126	RAG 5	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95127	RAG 6	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95128	RAG 7	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95129	RAG 8	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB06123	RAN 1	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.184
YB06124	RAN 2	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.184
YB06125	RAN 3	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.183
YB06126	RAN 4	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.185
YC18046	RAN 5	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.025
YC18047	RAN 6	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.025
YC18048	RAN 7	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.014
YC18049	RAN 8	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.024
YA95130	RED 1	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95131	RED 2	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95132	RED 3	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95133	RED 4	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209

Grant Number	Claim	Owner	Expiry Date	Proposed Expiry Date	Area (km2)
YA95134	RED 5	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95135	RED 6	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95136	RED 7	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YA95137	RED 8	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB38169	SAY 1	Hartley & Associates Ltd. - 100%	31/12/2016	31/12/2017	0.113
YB38170	SAY 2	Hartley & Associates Ltd. - 100%	31/12/2016	31/12/2017	0.209
YB38171	SAY 3	Hartley & Associates Ltd. - 100%	31/12/2016	31/12/2017	0.209
YB54544	SCOT 1	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54553	SCOT 10	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.200
YB54643	SCOT 100	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54644	SCOT 101	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54645	SCOT 102	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54646	SCOT 103	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54647	SCOT 104	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54648	SCOT 105	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54649	SCOT 106	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54650	SCOT 107	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54651	SCOT 108	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54652	SCOT 109	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54554	SCOT 11	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.208
YB54653	SCOT 110	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54654	SCOT 111	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54555	SCOT 12	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.041
YB54556	SCOT 13	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.200
YB54557	SCOT 14	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.059
YB54558	SCOT 15	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.121
YB54559	SCOT 16	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.139
YB54560	SCOT 17	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54561	SCOT 18	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54562	SCOT 19	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54545	SCOT 2	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54563	SCOT 20	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54564	SCOT 21	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54565	SCOT 22	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54566	SCOT 23	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54567	SCOT 24	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54568	SCOT 25	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54569	SCOT 26	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54570	SCOT 27	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54571	SCOT 28	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209

Grant Number	Claim	Owner	Expiry Date	Proposed Expiry Date	Area (km2)
YB54572	SCOT 29	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54546	SCOT 3	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54573	SCOT 30	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54574	SCOT 31	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54575	SCOT 32	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54576	SCOT 33	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54577	SCOT 34	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54578	SCOT 35	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54579	SCOT 36	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54580	SCOT 37	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54581	SCOT 38	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54582	SCOT 39	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54547	SCOT 4	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54583	SCOT 40	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54584	SCOT 41	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54585	SCOT 42	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54586	SCOT 43	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54587	SCOT 44	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54588	SCOT 45	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54589	SCOT 46	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54590	SCOT 47	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54591	SCOT 48	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.189
YB54592	SCOT 49	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54548	SCOT 5	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54593	SCOT 50	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.165
YB54594	SCOT 51	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54595	SCOT 52	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.120
YB54596	SCOT 53	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.186
YB54597	SCOT 54	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.183
YB54598	SCOT 55	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.055
YB54599	SCOT 56	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.049
YB54600	SCOT 57	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54601	SCOT 58	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54602	SCOT 59	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54549	SCOT 6	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54603	SCOT 60	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54604	SCOT 61	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54605	SCOT 62	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54606	SCOT 63	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54607	SCOT 64	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209

Grant Number	Claim	Owner	Expiry Date	Proposed Expiry Date	Area (km2)
YB54608	SCOT 65	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.172
YB54609	SCOT 66	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.161
YB54610	SCOT 67	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54611	SCOT 68	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54612	SCOT 69	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54550	SCOT 7	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54613	SCOT 70	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.192
YB54614	SCOT 71	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.195
YB54615	SCOT 72	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54616	SCOT 73	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54617	SCOT 74	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.073
YB54618	SCOT 75	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.051
YB54619	SCOT 76	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54620	SCOT 77	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54621	SCOT 78	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54622	SCOT 79	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54551	SCOT 8	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54623	SCOT 80	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.200
YB54624	SCOT 81	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54625	SCOT 82	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.208
YB54626	SCOT 83	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54627	SCOT 84	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54628	SCOT 85	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54629	SCOT 86	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54630	SCOT 87	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.197
YB54631	SCOT 88	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54632	SCOT 89	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.198
YB54552	SCOT 9	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54633	SCOT 90	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB54634	SCOT 91	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB54639	SCOT 96	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.179
YB54640	SCOT 97	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.103
YB54641	SCOT 98	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.103
YB54642	SCOT 99	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.088
YB38076	SEE 1	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38077	SEE 2	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38078	SEE 3	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38079	SEE 4	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38080	SEE 5	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.192
YB38081	SEE 6	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209

Grant Number	Claim	Owner	Expiry Date	Proposed Expiry Date	Area (km2)
YB12664	WELL 1	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.189
YC18053	WELL 10	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.020
YB12665	WELL 2	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB12666	WELL 3	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB12667	WELL 4	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB12668	WELL 5	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.120
YB12669	WELL 6	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YC18050	WELL 7	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.025
YC18051	WELL 8	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YC18052	WELL 9	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YB27350	WIND 1	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27359	WIND 10	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27360	WIND 11	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27361	WIND 12	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27362	WIND 13	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27363	WIND 14	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27364	WIND 15	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27365	WIND 16	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27366	WIND 17	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27367	WIND 18	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27368	WIND 19	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27351	WIND 2	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27369	WIND 20	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27370	WIND 21	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27371	WIND 22	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27352	WIND 3	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27353	WIND 4	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27354	WIND 5	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27355	WIND 6	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.206
YB27356	WIND 7	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB27357	WIND 8	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.200
YB27358	WIND 9	Hartley & Associates Ltd. - 100%	31/12/2017	31/12/2018	0.209
YB12670	WINE 1	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12671	WINE 2	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12672	WINE 3	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12673	WINE 4	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12674	WINE 5	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12675	WINE 6	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12676	WINE 7	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209
YB12677	WINE 8	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.209

Grant Number	Claim	Owner	Expiry Date	Proposed Expiry Date	Area (km2)
YB38198	WOMP 1	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.185
YB38207	WOMP 10	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.186
YB38208	WOMP 11	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38209	WOMP 12	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.186
YB38210	WOMP 13	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38211	WOMP 14	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.186
YB38212	WOMP 15	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38213	WOMP 16	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.176
YB38214	WOMP 17	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38215	WOMP 18	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38216	WOMP 19	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB38199	WOMP 2	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.121
YB38217	WOMP 20	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YC18040	WOMP 24	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YC18041	WOMP 25	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YC18042	WOMP 26	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YC18043	WOMP 27	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YC18044	WOMP 28	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YC18045	WOMP 29	Hartley & Associates Ltd. - 100%	31/12/2012	31/12/2013	0.023
YB38200	WOMP 3	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38201	WOMP 4	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38202	WOMP 5	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38203	WOMP 6	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38204	WOMP 7	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB38205	WOMP 8	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.186
YB38206	WOMP 9	Hartley & Associates Ltd. - 100%	31/12/2014	31/12/2015	0.209
YB12678	WON 1	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB12679	WON 2	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB12680	WON 3	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB12681	WON 4	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB12682	WON 5	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.170
YB12683	WON 6	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.209
YB12684	WON 7	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.114
YB38172	WON 8	Hartley & Associates Ltd. - 100%	31/12/2013	31/12/2014	0.021

Table 1: List of Claims

The village of Beaver Creek has a population of approximately 100 citizens and is home to the White River First Nation. Amenities are limited but the town has a gas station and seasonal amenities during the summer months. An RCMP detachment is also located in the village. The town has a small unskilled but willing work force. Dawson City is located 135km northeast by air from the project site. The

population is approximately 1500 people and has a pool of willing skilled and unskilled workers. The town has year-round amenities including grocery stores, hotels, restaurants, banks, gas station, mechanics, and other supply stores. It also has an airport and related transport facilities from which the project can re-supply.

Whitehorse is located 400km to the southeast and is the capital of the Yukon. It is a full service community with all the amenities necessary to service an advanced stage exploration or mining project. It also has a work-force amenable to exploration and its international airport has daily air service to Vancouver, Edmonton and Calgary.

4.0 Physiography and Climate

The Moosehorn Property is located in the central western part of the territory. The area consists of rolling hills with wide U shaped valleys and vegetation such as birch and spruce in the valley bottoms. Local elevations range from 600 m in the valleys to 1350 m on the ridges. The ridges are bare of trees but have knee high shrubs and some rock outcrops. The Moosehorn Range cross cuts the property trending NW-SE and is the largest topographic feature in the area. The region was not glaciated during the past recent glaciations but discontinuous permafrost is found in the area.

The climate is a cold northern continental to sub-arctic. Average annual rainfall of 295.7mm and snowfall of 123.1cm occur in Beaver Creek. The summer months June to August are the wettest months. Annual average temperatures range from -26.9° C in January to 14°C in July.

5.0 Exploration History

The following is an outline of the history of hard rock exploration in the area based on information available on the public domain. Some of the work described occurred on the Moosehorn claim group while others occurred on the immediate adjacent claim groups. There are several reports on the public domain of work done on peripheral claims that are still within the confidentiality period and are therefore not presented here. Many of the creeks have been placer mined since the initial vein discovery in the early 1970s.

1970: Gold exploration in the area started with the discovery of gold in quartz veins at the top of the ridge by Quintana Minerals Ltd. Work comprised of prospecting and geochemical sampling.

1972: A. Harman and R.S. Adamson re-staked the area as Quintana let the claims lapse. They hand trenched the veins and let the claims lapse soon thereafter.

1974: Claymore Resources and Great Bear Mining staked in the area. Claymore completed trenching, geological mapping, geophysical surveys and diamond drilling. It was during this time that placer gold was discovered in Kenyon Creek. Claymore turned to placer at that time. Great Bear Mining Ltd carried out prospecting, mapping, soil sampling, EM16, bulldozer trenching and diamond drilling. Other discoveries were made by J.M. Kenyon, who sold his claims to Claymore Resources Ltd.

1975: Claymore staked additional claims and continued exploration consisting of geological mapping, geochemical sampling, trenching and 18 diamond drill holes. They discovered placer gold in Kenyon Creek during exploration and turned to placer mining. They discovered the V1 vein while exploring in Swamp Creek.

Early 1980's: Several gold bearing veins were discovered by Ian Warrick in Kenyon Creek and Moosehorn Range. Bulk sampling and pilot mill processing of these occurrences occurred over these veins.

Late 1980: Canada Tungsten Mining Corp. Placer mined portions of Swamp and Soya Creeks. Extracting 13,000 oz of gold (Ritchey, Conroy and Sears, 2000)

1990: Sikanni Oilfield Construction began placer mining Swamp, Soya and Kenyon Creeks.

1993: Vein one(No.1 vein) was systematically bulk sampled over 350 foot strike length by Sikanni Oilfields Construction Ltd. Trenching was completed over the GIT claims discovering a mineralized structure over 300 metres in strike length.

1994: Sikanni processed 450 tons of ore from No. 1 vein. A pilot mill was also set up at Swamp Creek which processed roughly 20 tons of ore per day.

1995: 2500 tons of ore were milled producing 1300 ounces of gold and 14 tons of table concentrate. VLF-EM was conducted over parts of the property in conjunction to geological mapping. Later Sikanni commenced a small scale bedrock mining operation excavating V1 and V2.

1996: Mining on the Swede Pit ceased in 1996. Barramundi carried out exploration consisting of geological mapping, trenching, rock and soil sampling and flew 286 line km of high resolution aeromagnetics.

1998: Barramundi carried out exploration on the property. A 1.5x3km soil grid, geophysical ground surveys (IP, horizontal loop electromagnetic and ground magnetometer), trenching, vein sampling and later in the year diamond drilling with 4 holes to test the down-dip and strike extension of No. 2 vein.

Year	Tons of ore Processed	Au (oz) recovered	Average Grade (opt)	Amount Concentrate produced	Vein	Source
1993	-	-	2.16 opt over 350 feet		No. 1	Davidson, 1995
1994	450	500	1.6 opt		No. 1	Davidson, 1995
1994	24	-	1.8 (43.1 in concentrate)	2300 lbs	No. 1	Davidson, 1995
1995	2500	1300		14 tons	No. 1 and No. 2	Davidson, 1995; Yukon MINFILE
1996	1800	1100			several	Yukon MINFILE

Table 2: Summary of historical extraction from the Moosehorn Property

1999: Barramundi carried out exploration: Line cutting, prospecting and mapping, soil geochemistry, trenching, stream sediment sampling, 53km of IP survey and 22 diamond drill holes. In August of 1999 Barramundi entered a joint venture with Newmont Exploration and completed an additional 12 diamond drill holes totalling 2100m. Newmont subsequently optioned adjoining claims from Troymin Resources in addition to staking more claims.

2000: During the winter months Barramundi in partnership with Newmont, flew detailed aeromagnetics over both Barramundi and Troymin claims, complementing the survey flown in 1996. Newmont carried out soil sampling, prospecting and completed 6 diamond drill holes.

2004-2005: 234 core claims were acquired by Hartley and Associates and subsequently optioned by Mountain Rio.

2006: Mountain Rio conducted a drill program consisting of 25 drill holes, in addition to geological reconnaissance consisting of mapping, soil sampling and stream sediment sampling.

2007: 12 diamond drill holes were drilled by Mountain Rio.

2012: Canenco Mines Ltd worked the Moosehorn claim block on behalf of Hartley and Associates. Preliminary geological prospecting and mapping and metallurgical work was carried out.

6.0 Adjacent Properties

The majority of the claims held in the area are held by Ian Warrick, Collin Warrick, Shawn Ryan, Ryan Gold and Silver Quest Resources (now New Gold) (Figure 4). Hard rock work in the area has primarily focused on gold-quartz veins. Independence Gold's Snowcap Property, previously operated by Silver Quest Resources, is to the NE of Moosehorn. Their work has been focused on a gold-arsenic-antimony

trend discovered during a geochemical soil sampling program. During the 2010, 2011 and 2012 field seasons work concentrated on completing a soil geochemistry and airborne geophysical program over the property to better define the soil anomaly. Several drill holes were also drilled on the property during that time. The author is not aware of the details of work, if any, on any of the other properties in the area. All the above information is in the public domain. The author did utilize information from the adjacent properties in the analysis of the Moosehorn Property. This information however was restricted to the evaluation of historic data as presented in the publically available assessment files or government files and maps. Any inferences regarding the mineral potential of the Moosehorn Property is based on data from the 2012 exploration program and the above mentioned public information.

7.0 Historical Reserves and Resources

To the author's knowledge there has not been any attempt at a 43-101 resource or reserve calculation from historical gold assays from this property. There was a preliminary calculation (non 43-101 compliant) that was completed in 2008. These calculations were not performed on standards verifiable under NI 43-101; they have not been confirmed by the authors and should not be relied upon.

Year	Amt (g) Au	Amt (oz) Au	Grade (g/t)	Amt (g) Ag	Amt (oz) Ag	Grade (g/t)	Vein	Source
2007	2.3 million	67,083.36	6.8	-	-	-	Swede	Kassos and Kluczny, 2008
2007	1.0 million	29,166.68	6.7	1.1 million	32,083.35	6.7	Hartley	Kassos and Kluczny, 2008

Table 3: Historical Resource Calculation. Calculations were not performed to NI43-101 Standards nor have they been confirmed by the authors and should not be relied upon.

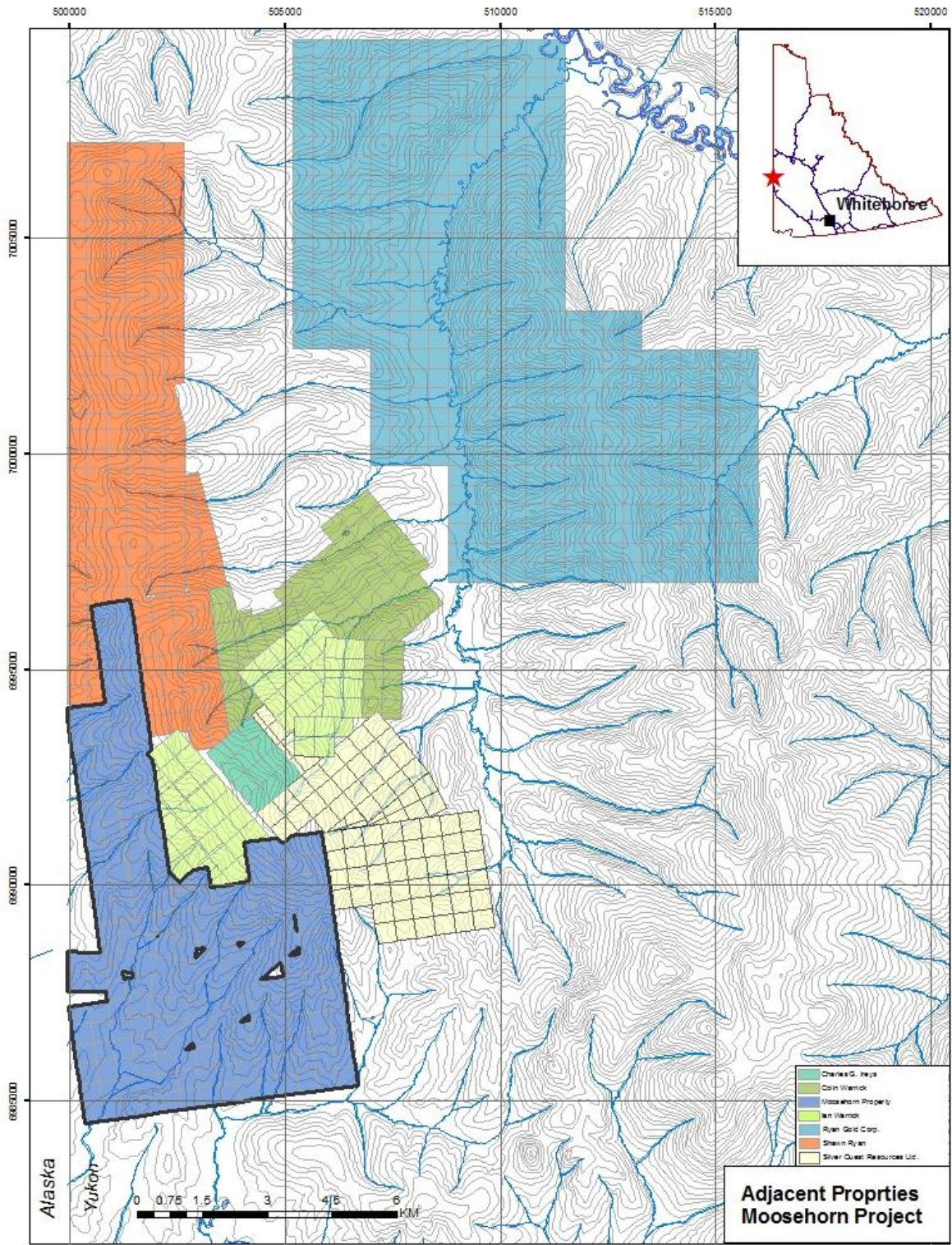


Figure 4: Adjacent Claims and Properties

8.0 Geological Setting

The Moosehorn Ridge area is located in the Tintina Gold belt in the central western part of the Yukon Territory. The property is underlain by the Jurassic aged Moosehorn Range Granodiorite ("MRG"), part of the Yukon Tantalum Terrane and is comprised of several episodes of granodiorite to quartz diorite and quartz monzonites (Figure 5). The MRG is part of the Dawson Range batholiths, formerly known as the Klotassin Batholith. The granodiorites are the dominant rock type in the area and are locally foliated, and vary from hornblende, occasionally biotite granite to granodiorite. Iron rich sediments and other igneous phases are entrained within the MRG. Numerous felsic and intermediate dykes of late to mid-Cretaceous age and rare pegmatites intrude the MRG. Late stage Tertiary aged fine grained mafic dykes across cut all other units and are several cm to 2m in width. The country rocks comprises of fine grained biotite-quartz +/- feldspar +/- muscovite gneisses and schists. These rocks are predominantly seen in the NE and are locally seen as possible rafts or inclusions.

Mineralization is restricted to quartz veins and is generally found in pyrite with minor arsenopyrite, galena, sphalerite, stibnite and scheelite. Alteration assemblages include propylitic, argillic and phyllic with rare sericite and carbonate patches. Gold is present in mid-Cretaceous age mesothermal sheeted quartz veins and felsic dykes and occurs in two styles: micron gold hosted within sulphides and visible blebs of free gold 1-2mm in width. There are 5 major veins and many smaller quartz veins on the property. Veins range from a few cm to a metre in width and have a dominant NNW trend with shallow easterly dips ranging from 20° to 40°. The No. 2 vein is located in the Swede pit strikes 346° to 015° and dips roughly 14° to the east and has been previously exploited. No. 1 and No. 3 veins trend more northerly (NNW). The CR vein is located southwest of No. 2 vein. Two veins are located along Soya Creek, the SC-1 and the southern SC-2 vein. The Hartley vein is located SE of the Swede pit and strikes between 327° and 342° and dips 50° to the NE. Due to lack of outcrop the relationship between the veins is not known at this time.

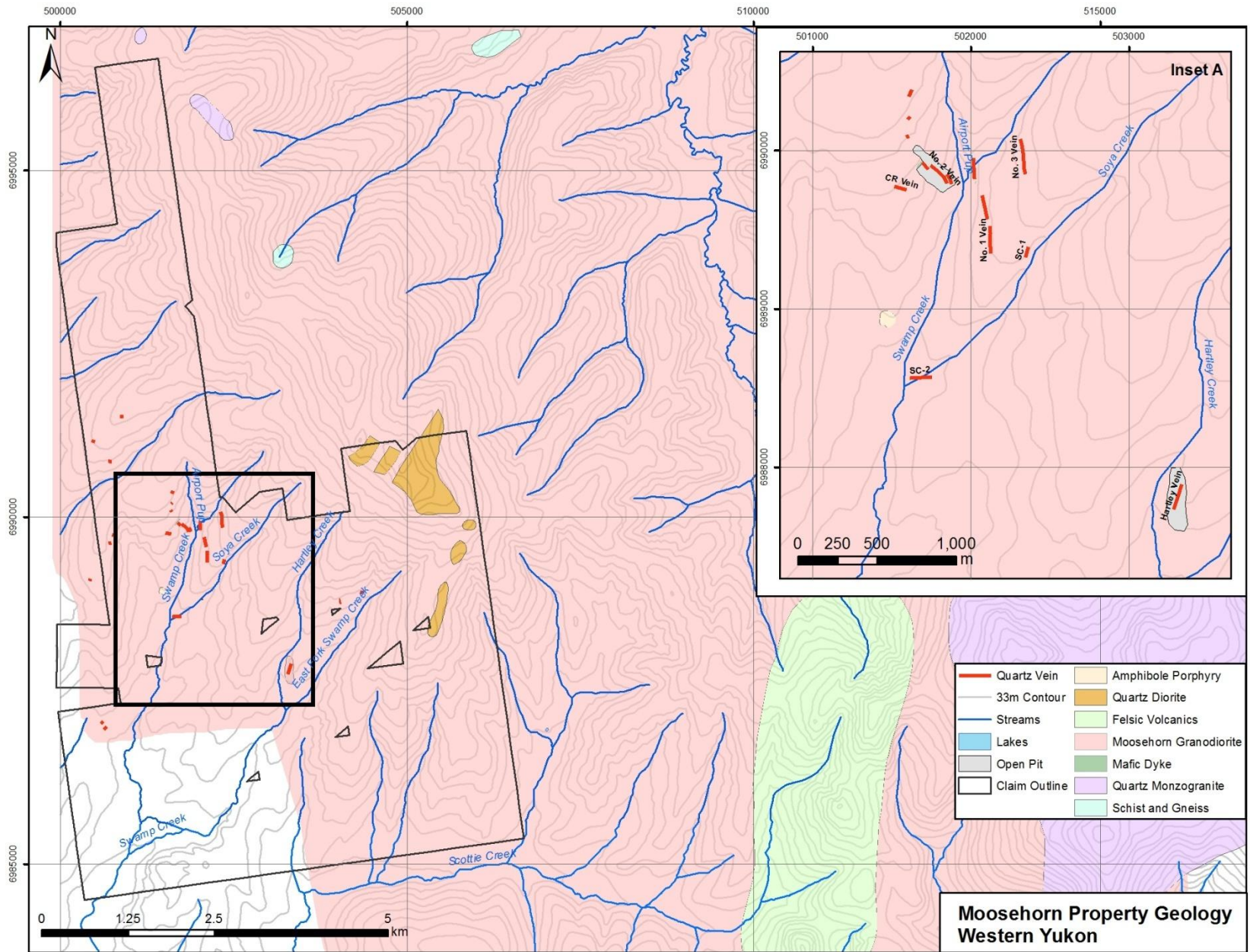


Figure 5: Moosehorn Geology and Veins

9.0 2012 Exploration Program

The 2012 program consisted of basic mapping, sample and data collection during two site visits. A total of 72 samples from throughout the property were taken for a variety of purposes (Figure 6). Forty-nine samples were taken from old drill core, outcrops and the Swede pit for metallurgical testing. Three large samples of quartz vein material. Four samples from previous core were taken for ARD tests and 10 samples are hand samples from around the Swede Pit area. The three large samples taken from 3 separate locations along the vein in the Swede pit were collected in a 5 gallon bucket and submitted for acid rock drainage and metallurgical testing in preparation for anticipated future bulk sample testing. Six water samples were taken to commence the baseline work for the site in preparation for future bulk sample testing requirements. All but 10 samples were submitted for assays. The analyses of the remaining 10 samples are postponed until the future of the property is finalized. The sample list can be found in Appendix I and results can be found in Appendix II for water, Appendix III for geological samples and Appendix IV for metallurgical samples.

There were two site visits during 2012. The first visit was July 23-27th, 2012 and was conducted by Stacy Freudigmann and James Hynes of Canenco Mines Ltd. and Glenn Hartley of Hartley and Associates. The second visit was between October 8-12th, 2012 and was conducted by Stacy Freudigmann and James Hynes of Canenco Mines Ltd. , Nicola Struyk of Coast Mountain Geological Ltd. and Glenn Hartley of Hartley and Associates. During each visit the crew stayed at the Hartley Camp and used ATV's to get around the site and transport materials and samples.

10.0 Sampling and Analytical Procedures

All samples with the exception of the samples for metallurgical work, were submitted to ALS Minerals in North Vancouver, BC. The metallurgical samples were submitted to ALS Metallurgy in Kamloops, BC.

10.1 Water Samples

The water samples were collected from several creeks on the property. The sample was taken in a plastic bottle, kept out of the sunlight until submitted to the laboratory. The water samples were assayed using ME-MS14 and ME-ICP14, hydrogeochemical analysis for groundwater. Samples are analysed directly as submitted by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for 44 elements and Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES) for overlimits on 24 elements.

10.2 Geological Samples

Geological samples not submitted for metallurgical work, were submitted for geochemical analysis to the laboratory. All the samples were finely crushed in entirety, to 70% passing a 2mm screen. A 250g split is taken and subsequently pulverized to better than 85% passing -200 mesh (75µm). The samples

were digested using hot Nitric Aqua Regia and analysed for 35 elements using ICP-AES. Assays for gold were obtained using Fire Assay Fusion digestion with Atomic Absorption Spectroscopy analysis.

10.3 Metallurgical Samples

The metallurgical samples were crushed to -6 mesh and thoroughly homogenized prior to analytical and metallurgical work. Metallurgical head assays were performed in duplicate while the ICP analysis was conducted once. The 3 bulk samples of vein material were sub sampled to 2 kg and ground to 106 μm K₈₀. The samples were then passed through the Knelson concentrator for gravity testing where the concentrate and tailings were collected separately. For tailing samples a 0.25 g aliquot was submitted for Acid Base Accounting analysis using Four Acid Near Total ICP AES. High concentrations of bismuth, mercury, molybdenum, silver and tungsten and were re-analysed using ICP-MS. Mercury is analysed by dissolving a 0.5g aliquot is digested for 45 minutes using aqua regia in a graphite heating block. After cooling the solution is diluted to 12.5 ml with demineralised water. A portion of the sample is treated with stannous chlorite to reduce the mercury, which is subsequently volatilized by argon purging and analysed by atomic absorption spectrometry. For the 3 bulk vein samples a different analytical package was used for the purpose of determining Acid-Base Potential.

11.0 Interpretations and Conclusions

The majority of the work conducted on the property was for the purpose of determining the potential for extraction and acid-base generation during the milling process. Sampling concentrated on vein and near vein material in the Swede and Hartley pit areas. Some basic geological information can be extracted from the samples, however much has already been discussed in previous reports. The Moosehorn area is underlain by a Cretaceous aged pluton that has been intruded with early Cretaceous gold bearing quartz veins. Veins typically trend NE and shallow to moderately dip to the east. There are 5 major veins and numerous smaller veins discovered on the property. Gold is primarily hosted in pyrite, the main sulphide with minor arsenopyrite and stibnite also present. The relationship between individual veins is still poorly understood and further work is required in order to understand it.

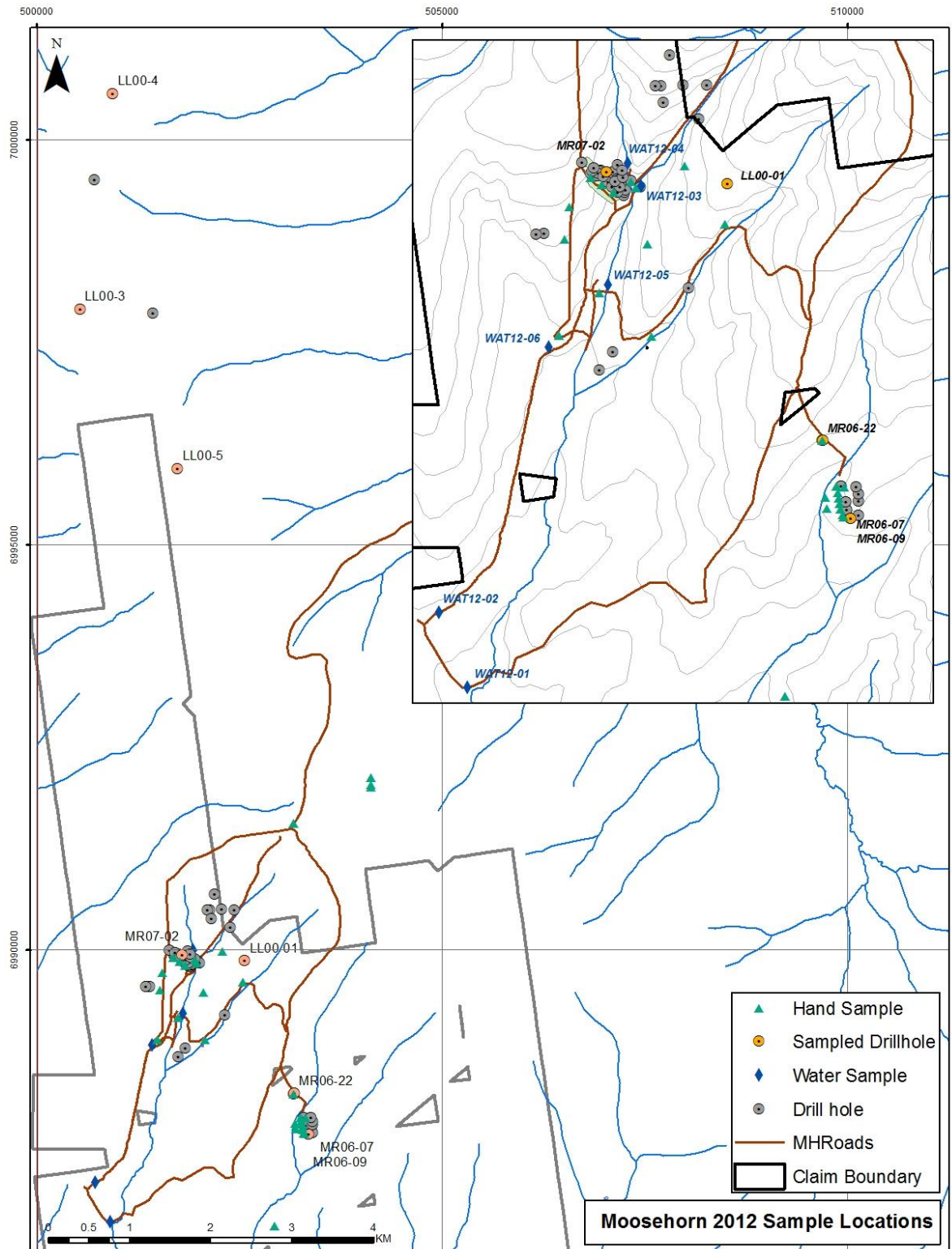


Figure 6: Moosehorn 2012 Sample Locations

Based on the metallurgical work, the resulting tailings extracted from a gold in quartz vein in the Swede pit has little to no potential for acid generation.

12.0 Recommendations

1. Compile all the historical data into a GIS database
2. Create a 3D model of the vein system
3. Detailed geological mapping of the property will enhance the understanding of the veins, surrounding geology and identify additional targets
4. Soil sample areas not previously sampled
5. Trench new areas for additional veins
6. Drill test new targets areas derived during soil sample, mapping and trenching programs.
7. Continue with baseline studies for environmental and climatological requirements needed for bulk sampling and permitting purposes.

13.0 Expenditures

The claimed expenditures on the Moosehorn property during the 2012 field season are \$60,736.00 derived from monies spent on sample collection and analysis, and interpretation.

Item	Cost
23rd - 27th July 2012 Site Visit and Exploration:	
Travel-Charter	\$ 1,686
Travel-Commercial*	\$ 2,268
Personnel	\$ 17,500
Food	\$ 872
Sample Transport	\$ 278
Assays	\$ 2,000
Mapping	\$ 2,519
	Subtotal: \$ 27,123
8th - 12th October 2012 Site Visit and Exploration:	
Travel-Charter	\$ 5,670
Travel-Commercial*	\$ 2,428
Time	\$ 25,100
Food	\$ 1,500
Supplies	\$ 342
SATPhone	\$ 336
Hotel	\$ 581
Sample Transport	\$ 352
Assays	\$ 2,000
	Subtotal: \$ 38,309
	Total Expenditure: \$ 65,432
	Total Expenditure for Assessment: \$ 60,736

*Not attributable towards assessment credits

Table 4: 2012 Expenditures on the Moosehorn Property

14.0 Bibliography and References

Davidson, G.S., 1995, Summary Report on the Claymore Property, Moosehorn Range for Sikanni Oilfield Construction Ltd. Yukon Mineral Assessment Report 93347.

Joyce, N., 2002, Geological Setting, Nature and Structural Evolution of Intrusion-Hosted AU-Bearing Quartz Veins at the Longline Occurrence, Moosehorn Range Area, West Central Yukon Territory. Master Thesis, University of British Columbia. 211p.

Kluczny, P. and Kassos, G., 2008, 2007 Geological Report for the Moosehorn Property, Yukon Territory, Yukon Mineral Assessment Report 095006.

Kluczny, P., 2007, 2006 Geological (Diamond Drilling) Report on the Moosehorn Property, Yukon Territory, Yukon Mineral Assessment Report 094865.

Pupazzoni, M. and Shouldice, T. 2013. Metallurgical Assessment on a Gold Ore Sample, Moosehorn Project for Canenco Canada Inc. (Confidential)

Sears, S. 1999, Summary of Geological Field Work – 1998: A Geological, Geochemical and Geophysical Report for the Longline Project, Yukon Mineral Assessment Report 093950.

Yukon Mining Recorder, 2013, Yukon MINFILE #115N024 – Moosehorn.

16.0 Authors Certificates

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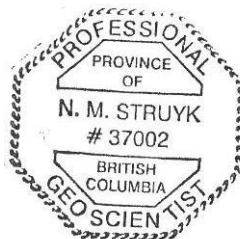
I, Nicola M. Struyk, B.Sc., P. Geo., of Vancouver, BC do hereby certify that:

1. I graduated with a B.Sc. (Honours) degree in Earth and Ocean Sciences and Geography from the University of Victoria in 2005.
2. I have practiced my profession for 7 years. This experience includes primarily precious and base metal exploration in Yukon Territory, British Columbia, Alaska and Sweden.
3. I am the author and am, in part, responsible for the preparation of the technical report titled "Assessment Report on the Moosehorn Property (the "Assessment Report") dated May 30 2013 relating to the Moosehorn Property. I visited the property for 4 days during October 2012.
4. I am currently under the employ of Coast Mountain Geological Ltd.

Dated at Vancouver, BC

May 30, 2013

Respectfully submitted,



Nicola M. Struyk

Stacy Freudigmann
Metallurgist
Canenco Canada Inc.
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Ph: (604) 803-6733
Email: stacyf@canenco.ca

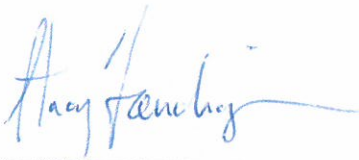
I, Stacy Freudigmann B.Sc. (Hons) Grad. Dip. Met. P.Eng., of Vancouver, BC, do hereby certify that:

1. I graduated with a B.Sc. (Honours) degree in Industrial Chemistry from James Cook University of North Queensland, Australia, in 1997, and a Post Graduate Diploma in Metallurgy from Curtin University of Western Australia in 1999.
2. I have practiced my profession for 16 years. This includes precious, light and base metal experience in areas of mining, process and refining operations, mine and project development, project management, engineering study management and exploration activities in the Yukon Territory, British Columbia, Alaska, Arizona, Peru, Portugal and Australia.
3. I am in part, responsible for the preparation of the technical report titled "Assessment Report on the Moosehorn Property (the "Assessment Report") dated May 30 2013 relating to the Moosehorn Property. I assisted in coordinating the work undertaken on the Moosehorn property in 2012 and visited the property for 5 days during July 2012 and again for 4 days during October 2012.
4. I am currently under the employ of Canenco Canada Inc. and consulting to Canenco Mines Ltd.

Dated at Vancouver, BC

30th May, 2013

Respectfully submitted,



Stacy Freudigmann

APPENDIX I

SAMPLE LIST

Sample Number	Type	Easting (UTM NAD83)	Northing (UTM NAD83)	Elevation (m)	Comments
CMMH12-001	Metallurgical	503161	6988219	816	Huckle Vein ?Testhole 20-21?
CMMH12-002	Metallurgical	503274	6987817	790	Hartley Creek Vein; min 0-50cm wide; "LL-42"
CMMH12-003	Metallurgical	503279	6987784	788	Hartley Creek Vein
CMMH12-004	Metallurgical	503292	6987744	791	Hartley Creek Vein
CMMH12-005	Metallurgical	503296	6987729	801	Hartley Creek Vein
CMMH12-006	Metallurgical	503269	6987851	796	Hartley Creek Vein
CMMH12-007	Metallurgical	503263	6987887	788	Hartley Creek Vein
CMMH12-008	Metallurgical	503251	6987930	786	Hartley Creek Vein
CMMH12-009	Metallurgical	503251	6987930	768	Amphobile Porphyry; 5m wide surface expression
CMMH12-010	Metallurgical	503303	6987924	803	Amphobile Porphyry; Mountain Rio DDH06-06
CMMH12-011	Metallurgical	503180	6987859	770	Vein ~4inches wide; Gently dipping quartz vein with sulphides & porphyry
CMMH12-012	Metallurgical	503194	6987785	773	Vein ~ 25-30ft was exposed; fine grained volcanic blue green in colour with white inclusions
CMMH12-013	Metallurgical	502926	6986587	726	Moe's Vein; Granodiorite and other quartz float; possible multiple vein; westerly extent of samples found 0502897/6986552 720masl
CMMH12-014	Metallurgical	502540	6989605	873	?Soya? Vein; Quartz Composite; lower extent of vein 0502530/6989584 865masl
CMMH12-015	Metallurgical	502540	6989605	873	?Soya? Vein; Crowded Porphyry Composite; lower extent of vein 0502530/6989584 865masl
CMMH12-016	Metallurgical	502071	6988888	765	Beaver Vein ~0.1-0.3m wide; down slope from Soya Vein; other extent of vein 0502084/6988893 761masl
CMMH12-017	Metallurgical	501738	6989167	767	Swede Tails - Coarser tailings sample
CMMH12-018	Metallurgical	501738	6989167	767	Swede Tails - Fines tailings sample
CMMH12-019	Metallurgical	501483	6988893	760	Centre of Amphobile Porphyry surface expression; oval in shape ~10x50m
CMMH12-020	Metallurgical	501517	6989509	835	Quartz Float from nearby trench; "LL-69"
CMMH12-021	Metallurgical	501546	6989715	842	Quartz Float from nearby trench
CMMH12-022	Metallurgical	501683	6989902	845	Top of Swede Pit Vein
CMMH12-023	Metallurgical	501829	6989807	803	Bottom of Swede Pit Vein; Tag TR-12 403902
CMMH12-024	Metallurgical	503165	6991558	1127	New Warrick Road Cut; beside road - Grey Green rock sample colour
CMMH12-025	Metallurgical	503165	6991558	1127	New Warrick Road Cut; beside road - quartz/appelite float sample
CMMH12-026	Metallurgical	504112	6992013	1340	M-Vein; top of mountain; felsenmeer; quartz composite; other extent of vein 0504115/6991974 1349masl
CMMH12-027	Metallurgical	504114	6992035	1348	Test pit soil sample
CMMH12-028	Metallurgical	504118	6992125	1347	M-Vein pit quartz grab samples; Three small pits - 0504118/699125 1347masl 4x10m - 0504122/6992101 1348masl 4x7m - 0504126/6992091 1350masl 7x15m
CMMH12-029	Metallurgical	502285	6989978	850	V3 Vein; lower extent of vein 0502289/6990090 831masl
CMMH12-030	Metallurgical	-	-	-	MR0609; Box 2; 9.30-14.5m; Potential crowded porphyry
CMMH12-031	Metallurgical	-	-	-	MR0607; Box 26; 150.15-150.74m; Previous assay 135ppb; granodiorite
CMMH12-032	Metallurgical	-	-	-	MR0607; Box 26; 147.85-148.85m; Previous assay 135ppb; darker granodiorite
CMMH12-033	Metallurgical	-	-	-	MR0607; Box 24; 136.68-137.61m; Previous assay 655ppb; unaltered granodiorite; represents ~2.5m interval; brownish grey crystals
CMMH12-034	Metallurgical	-	-	-	MR0607; Box 23; 131.74-132.70m; Previous assay 1141ppb; brittle fairly altered green red - brown whit matrixe
CMMH12-035	Metallurgical	-	-	-	MR0607; Box 23; 129.84-130.79m; Previous assay 100ppb; white green matrix with some alteration; represents >4m interval
CMMH12-036	Metallurgical	-	-	-	MR0607; Box 22; 125.82-126.80m; Previous assay 175ppb; purple green fractures with included pink-grey crystals; represents 1.5m interval
CMMH12-037	Metallurgical	-	-	-	MR0607; Box 22; 124.84-125.82m; Previous assay 220ppb; similar to #036; represents 1.5m interval
CMMH12-038	Metallurgical	-	-	-	MR0607; Box 20; 116.53-116.86m; Previous assay 220ppb; represents 5-6m interval; fracturing with pink-grey crystals

Sample Number	Type	Easting (UTM NAD83)	Northing (UTM NAD83)	Elevation (m)	Comments
CMMH12-039	Metallurgical	-	-	-	MR0607; Box 16; 88.53-88.93m; Previous assay 335ppb; represents 5+m interval; pink-grey crystals with mineralization along fracture
CMMH12-040	Metallurgical	-	-	-	MR0622; Box 22; 184.09-188.06m; represents ~25m interval; some alteration present; pink-grey crystals and typical granodiorite porphyry - darker, possible amphibole
CMMH12-041	Geological	-	-	-	MR0702; Box 19; 198.9-204.5m; granodiorite@201m
CMMH12-042	Geological	-	-	-	MR0702; Box 19; 198.9-204.5m; granodiorite@204.3m unaltered but with visible sulphides
CMMH12-043	Metallurgical	-	-	-	LL-001; 187.85-193.76m; sample@192m; low As; white, pink and green coloured rock
CMMH12-044	Metallurgical	-	-	-	LL-001; 211.03-216.46m EOH; sample@214m; visible sulphides in granodiorite/potential fracture
CMMH12-045	Metallurgical	-	-	-	LL-001;136.5-142.33m; sample@138m; pink-grey crystals in granodiorite
CMMH12-046	Metallurgical	-	-	-	LL-001;164.7-170.4m; sample@165.5m; white powdery, large white crystals
CMMH12-047	Metallurgical	-	-	-	LL-003; Box 42; 231.5-233.5m EOH; sample@233m; pink-grey crystals in granodiorite
CMMH12-048	Geological	-	-	-	LL-004; Box 18;92-98m; sample@94m; "Brain Rock" - starts @ box 6 ~30m; very competent - sulphides in rock matrix
CMMH12-049	Geological	-	-	-	LL-004; Box 69; 388-394m EOH; sample@391m; Rock type change to shale green/friable, light and dark green in colour; not well defined crystalline structure
CMMH12-050	Metallurgical	-	-	-	LL-005; Box 12; 59.7-65.3m; sample@61m; green with white inclusions
CMMH12-051	Metallurgical	503274	6992361	1209	Claymore Core Site 004 C17; 151.5-175m; sample@171m; brown coloured sample
CMMH12-052	Metallurgical	-	-	-	Kenyan Creek Road Crossing - Black sands from panning
CMMH12-053	Geological	-	-	-	Swamp Creek grab sample
CMMH12-054	Geological	501683	6989902	845	Upper Swede post vein halo rock
CMMH12-055	Geological	-	-	-	Swede Grab sample
CMMH12-056	Geological	-	-	-	Mid-swede "pre-vein"; another small quartz vein in halo rock
CMMH12-057	Geological	501970	6989838	-	Lower Road below swede pit towards creek, composite of granodiorite rock exposed in wall
CMMH12-058	Geological	501940	6989878	-	Small quartz vein found in Swamp Creek pup, North of Swede Vein
CMMH12-059	Geological	-	-	-	Mafic Dyke Waste Rock - Swede Pit
CMMH12-060	Geological	-	-	-	Swede Pit Intrusive - upper Swede Vein
CMMH12-061	Geological	-	-	-	Quartz float on Swamp Road - about halfway up - that leads from bottom of Swede pit up to Claymore airstrip
CMMH12-062	Geological	-	-	-	Swede granodiorite waste rock
CMMH12-063	Metallurgical	501683	6989902	845	Upper Swede Vein - Bulk sample 2 x 18L pails for metallurgical work.
CMMH12-064	Metallurgical	501756	6989854.5	-	Mid Swede Vein - Bulk sample 2 x 18L pails for metallurgical work.
CMMH12-065	Metallurgical	501829	6989807	803	Lower Swede Vein - Bulk sample 2 x 18L pails for metallurgical work.
CMMH12-066	Water	500897	6986639	660	Swamp Creek Ford at River
CMMH12-067	Water	500716	6987122	694	Seep above old camp site with fuel tanks, southern end of proposed airstrip
CMMH12-068	Water	502007	6989846	774	Swamp Creek above confluence with Airport Pup
CMMH12-069	Water	501922	6989991	799	Airport Pup Creek, Creek NE of Swede
CMMH12-070	Water	501794	6989217	763	Upper Tailings Pond
CMMH12-071	Water	501417	6988819	739	Creek below core shack, tributary to Swamp Creek
CMMH12-072	Metallurgical	502047	6989478	797	V1 Vein; quartz composite; lower extent of vein 0502045/6989563 887masl; mid-vein old sample marker D403658 TR10 V1

APPENDIX II

WATER SAMPLE RESULTS



ALS Canada Ltd.
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To: CANECO MINES LTD
 821 SILVER TIP HTS
 CANMORE AB T1W 3K9

Page: 1
 Finalized Date: 12- JAN- 2013
 This copy reported on
 28- JAN- 2013
 Account: CAMILT

CERTIFICATE VA12300793

Project: Moosehorn
 P.O. No.:
 This report is for 6 Other samples submitted to our lab in Vancouver, BC, Canada on 24- DEC- 2012.
 The following have access to data associated with this certificate:
 STACY FREUDIGMANN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- MS14a	ME- MS14a - Hydrogeochemistry ICP- MS	ICP- MS
ME- MS14b	ME- MS14b - Hydrogeochemistry ICP- MS	ICP- MS
ME- ICP14	Hydrogeochemistry ICP- AES	ICP- AES

To: CANECO MINES LTD
 ATTN: STACY FREUDIGMANN
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colln Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - E)
 Finalized Date: 12- JAN- 2013
 Account: CAMILT

Project: Moosehorn

CERTIFICATE OF ANALYSIS VA12300793

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS14a	ME- MS14a	ME- MS14a	ME- MS14a	ME- MS14a	ME- MS14a	ME- MS14a	ME- MS14a	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b
		Recvd Wt. kg	As ug/L	Cd ug/L	Cr ug/L	Cu ug/L	Hg ug/L	Pb ug/L	Se ug/L	Zn ug/L	Ag ug/L	Al ug/L	B ug/L	Be ug/L	Bi ug/L	Ca ug/L
WAT 12- 01		0.54	10	<0.1	24	1.0	<0.2	<0.2	<10	<2	<0.06	<50	10	<0.3	<0.1	>10000
WAT 12- 02		0.54	<10	<0.1	81	0.7	<0.2	<0.2	<10	<2	<0.06	<50	20	<0.3	<0.1	>10000
WAT 12- 03		0.46	<10	<0.1	8	0.8	<0.2	<0.2	<10	<2	<0.06	<50	10	<0.3	<0.1	>10000
WAT 12- 04		0.52	<10	<0.1	8	0.7	<0.2	<0.2	<10	<2	<0.06	<50	<10	<0.3	<0.1	>10000
WAT 12- 05		0.54	10	<0.1	8	1.9	<0.2	<0.2	<10	3	<0.06	<50	10	<0.3	<0.1	>10000
WAT 12- 06		0.50	<10	<0.1	4	1.1	<0.2	<0.2	<10	<2	<0.06	<50	<10	<0.3	<0.1	>10000



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Page: 2 - B
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Project: Moosehorn

CERTIFICATE OF ANALYSIS VA12300793

Sample Description	Method Analyte Units LOR	ME- MS14b Ce ug/L	ME- MS14b Co ug/L	ME- MS14b Cs ug/L	ME- MS14b Fe ug/L	ME- MS14b Ga ug/L	ME- MS14b Hf ug/L	ME- MS14b In ug/L	ME- MS14b K ug/L	ME- MS14b La ug/L	ME- MS14b Li ug/L	ME- MS14b Mg ug/L	ME- MS14b Mn ug/L	ME- MS14b Mo ug/L	ME- MS14b Na ug/L	ME- MS14b Nb ug/L
		0.02	0.1	0.01	20	0.05	0.05	0.04	60	0.02	10	4	0.1	1	300	0.02
WAT 12- 01		0.02	1.0	<0.01	420	<0.05	<0.05	<0.04	2490	<0.02	20	>10000	855	1	>10000	<0.02
WAT 12- 02		<0.02	0.2	<0.01	260	<0.05	<0.05	<0.04	3300	<0.02	40	>10000	1.3	<1	>10000	0.02
WAT 12- 03		<0.02	0.1	<0.01	90	<0.05	<0.05	<0.04	1190	0.05	<10	7450	0.6	<1	4900	<0.02
WAT 12- 04		0.05	0.1	<0.01	50	<0.05	<0.05	<0.04	1110	0.10	<10	6550	0.2	<1	4500	<0.02
WAT 12- 05		<0.02	0.1	<0.01	100	<0.05	<0.05	<0.04	2110	0.03	<10	>10000	2.1	1	9800	<0.02
WAT 12- 06		0.09	0.1	<0.01	230	<0.05	<0.05	<0.04	390	0.12	<10	7300	2.4	<1	5000	<0.02



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Project: Moosehorn

CERTIFICATE OF ANALYSIS VA12300793

Sample Description	Method Analyte Units LOR	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b	ME- MS14b
		Ni ug/L	P ug/L	Rb ug/L	Sb ug/L	Sn ug/L	Sr ug/L	Ta ug/L	Te ug/L	Th ug/L	Tl ug/L	U ug/L	V ug/L	W ug/L	Y ug/L	Zr ug/L
WAT 12- 01		5.2	<100	0.4	0.1	<0.3	696	0.01	<10	<0.01	<0.04	18.40	10	<0.2	0.04	0.86
WAT 12- 02		5.8	<100	0.1	<0.1	<0.3	>1000	<0.01	<10	<0.01	<0.04	255	32	<0.2	<0.03	5.16
WAT 12- 03		1.4	<100	0.2	0.1	<0.3	204	<0.01	<10	<0.01	<0.04	7.46	3	<0.2	0.09	0.11
WAT 12- 04		1.0	<100	0.3	0.1	<0.3	131.0	<0.01	<10	0.01	<0.04	0.93	2	<0.2	0.13	0.23
WAT 12- 05		1.9	<100	0.9	0.2	<0.3	258	<0.01	<10	<0.01	<0.04	10.30	4	<0.2	0.06	0.10
WAT 12- 06		1.1	<100	0.2	0.4	<0.3	107.0	<0.01	<10	0.02	<0.04	0.75	2	<0.2	0.22	0.45



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Page: 2 of D
 Total # Pages: 2 (A - E)
 Finalized Date: 12- JAN- 2013
 Account: CAMILT

Project: Moosehorn

CERTIFICATE OF ANALYSIS VA12300793

Sample Description	Method Analyte Units LOR	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	
		Ag mg/L	Al mg/L	As mg/L	Ba mg/L	Be mg/L	Ca mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	Fe mg/L	K mg/L	Mg mg/L	Mn mg/L	Mo mg/L
		0.01	1	0.05	0.1	0.001	0.5	0.001	0.02	0.02	0.01	1	5	0.05	0.01	0.01
WAT 12-01		<0.01	<1	<0.05	0.2	<0.001	100.0	<0.001	<0.02	<0.02	<0.01	<1	<5	52.4	0.84	<0.01
WAT 12-02		<0.01	<1	<0.05	0.3	<0.001	103.5	0.001	<0.02	<0.02	<0.01	<1	<5	267	<0.01	<0.01
WAT 12-03		<0.01	<1	<0.05	0.1	<0.001	32.8	<0.001	<0.02	<0.02	<0.01	<1	<5	7.10	<0.01	<0.01
WAT 12-04		<0.01	<1	<0.05	<0.1	<0.001	27.1	<0.001	<0.02	<0.02	<0.01	<1	<5	8.40	<0.01	<0.01
WAT 12-05		<0.01	<1	<0.05	0.1	<0.001	45.7	<0.001	<0.02	<0.02	<0.01	<1	<5	11.30	<0.01	<0.01
WAT 12-06		<0.01	<1	<0.05	<0.1	<0.001	21.3	<0.001	<0.02	<0.02	<0.01	<1	<5	7.75	<0.01	<0.01



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Project: Moosehorn

CERTIFICATE OF ANALYSIS VA12300793

Sample Description	Method Analyte Units LOR	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14	ME- ICP14
		Na mg/L	NI mg/L	P mg/L	Pb mg/L	Sb mg/L	Sr mg/L	Ti mg/L	V mg/L	Zn mg/L
		1	0.01	1	0.05	0.05	0.01	1	0.01	0.01
WAT 12- 01		23	0.01	<1	<0.05	<0.05	0.71	<1	<0.01	<0.01
WAT 12- 02		79	0.01	<1	<0.05	<0.05	3.13	<1	0.01	<0.01
WAT 12- 03		5	<0.01	<1	<0.05	<0.05	0.22	<1	<0.01	<0.01
WAT 12- 04		4	<0.01	<1	<0.05	<0.05	0.14	<1	<0.01	<0.01
WAT 12- 05		9	<0.01	<1	<0.05	<0.05	0.27	<1	0.01	<0.01
WAT 12- 06		5	0.01	<1	<0.05	<0.05	0.11	<1	<0.01	<0.01

APPENDIX III

GEOLOGICAL SAMPLE RESULTS



ALS Canada Ltd.
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To: IVEY CANADIAN EXPLORATION
 10020 - 101A AVE.
 EDMONTON AB T5J 3G2

Page: 1
 Finalized Date: 8- OCT- 2012
 This copy reported on
 9- OCT- 2012
 Account: IVCAEX

CERTIFICATE VA12234089

Project: Roany Creek, Moosehorn
 P.O. No.:
 This report is for 4 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4- OCT- 2012.
 The following have access to data associated with this certificate:
 JAMES HYNES 2

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: IVEY CANADIAN EXPLORATION
 ATTN: JAMES HYNES 2
 821 SILVERTIP HTS
 CANMORE AB T1W 3K9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 10020 - 101A AVE.
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Page: 2 - A
 Total # Pages: 2 (A - C)
 Finalized Date: 8- OCT- 2012
 Account: IVCAEX

Project: Roany Creek, Moosehorn

CERTIFICATE OF ANALYSIS VA12234089

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %	ME- ICP41 Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CMMH 41		0.24	<0.2	1.68	<2	<10	500	<0.5	<2	0.74	<0.5	7	5	3	3.08	10
CMMH 42		0.44	<0.2	1.68	2	<10	460	<0.5	<2	0.77	<0.5	7	5	4	3.00	10
CMMH 48		0.22	<0.2	0.81	4	<10	50	<0.5	<2	0.06	<0.5	1	2	9	1.70	<10
CMMH 49		0.32	<0.2	0.58	2	<10	60	<0.5	<2	0.97	<0.5	4	2	10	1.30	<10



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Page: 2 - B
 Total # Pages: 2 (A - C)
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 Account: IVCAEX

Project: Roany Creek, Moosehorn

CERTIFICATE OF ANALYSIS VA12234089

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
CMMH 41		<1	0.83	30	0.88	638	1	0.13	<1	840	4	0.02	<2	4	41	<20
CMMH 42		<1	0.84	30	0.86	628	1	0.13	<1	780	4	0.05	<2	5	40	<20
CMMH 48		<1	0.66	10	0.39	186	5	0.04	<1	30	<2	0.22	<2	5	5	<20
CMMH 49		<1	0.25	10	0.30	518	2	0.05	<1	380	7	0.10	<2	2	29	<20



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 Total # Pages: 2 (A - C)
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Project: Roany Creek, Moosehorn

CERTIFICATE OF ANALYSIS VA12234089

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Au- AA24
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm	Au ppm
		0.01	10	10	1	10	2	0.005
CMMH 41		0.21	<10	<10	58	<10	59	<0.005
CMMH 42		0.20	<10	<10	58	<10	58	<0.005
CMMH 48		0.09	<10	<10	3	<10	42	<0.005
CMMH 49		0.01	<10	<10	10	<10	28	<0.005

APPENDIX IV

METALLURGICAL SAMPLE RESULTS

TABLE IV-1A
 REPLICATE HEAD ASSAY DATA

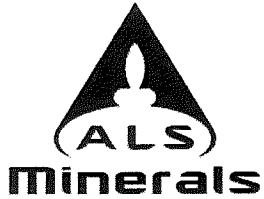
Sample	Au g/tonne	Au R/A g/tonne
-065 Lower Swede Vein Head 1	19.5	5.22
-065 Lower Swede Vein Head 2	26.3	29.0
Average	22.9	17.1
-064 Mid Swede Vein Head 1	39.8	49.0
-064 Mid Swede Vein Head 2	32.4	24.4
Average	36.1	36.7
-063 Upper Swede Vein Head 1	4.13	17.1
-063 Upper Swede Vein Head 2	10.2	14.8
Average	7.18	16.0
CM-MH-12-013 Head 1	0.06	0.01
CM-MH-12-013 Head 2	0.06	0.01
Average	0.06	0.01
CM-MH-12-019 Head 1	0.04	-
CM-MH-12-019 Head 2	0.03	-
Average	0.04	-
CM-MH-12-025 Head 1	0.06	-
CM-MH-12-025 Head 2	0.06	-
Average	0.06	-
CM-MH-12-028 Head 1	2.61	-
CM-MH-12-028 Head 2	6.36	-
Average	4.49	-
CM-MH-12-044 Head 1	0.02	-
CM-MH-12-044 Head 2	<0.01	-
Average	0.02	-
CM-MH-12-047 Head 1	0.03	-
CM-MH-12-047 Head 2	<0.01	-
Average	0.03	-
CM-MH-12-051 Head 1	<0.01	-
CM-MH-12-051 Head 2	<0.01	-
Average	<0.01	-
CM-MH-12-052 Head 1	0.73	1.58
CM-MH-12-052 Head 2	1.67	1.79
Average	1.20	1.69

TABLE IV-1B
 REPLICATE HEAD ASSAY DATA

Sample	Au - g/tonne	Sample	Au - g/tonne
CM-MH-12/001 Head 1	0.92	CM-MH-12/012 Head 1	0.05
CM-MH-12/001 Head 2	0.74	CM-MH-12/012 Head 2	0.03
Average	0.83	Average	0.04
CM-MH-12/002 Head 1	123	CM-MH-12/014 Head 1	155
CM-MH-12/002 Head 2	17.5	CM-MH-12/014 Head 2	110
Average	70.1	Average	133
CM-MH-12/003 Head 1	50.4	CM-MH-12/015 Head 1	0.46
CM-MH-12/003 Head 2	34.5	CM-MH-12/015 Head 2	0.06
Average	42.4	Average	0.26
CM-MH-12/004 Head 1	22.3	CM-MH-12/016 Head 1	2.69
CM-MH-12/004 Head 2	8.35	CM-MH-12/016 Head 2	1.41
Average	15.3	Average	2.05
CM-MH-12/005 Head 1	71.5	CM-MH-12/017 Head 1	16.3
CM-MH-12/005 Head 2	26.5	CM-MH-12/017 Head 2	8.93
Average	49.0	Average	12.6
CM-MH-12/006 Head 1	15.9	CM-MH-12/018 Head 1	5.30
CM-MH-12/006 Head 2	24.9	CM-MH-12/018 Head 2	5.73
Average	20.4	Average	5.52
CM-MH-12/007 Head 1	15.9	CM-MH-12/020 Head 1	0.14
CM-MH-12/007 Head 2	21.8	CM-MH-12/020 Head 2	0.12
Average	18.8	Average	0.13
CM-MH-12/008 Head 1	4.73	CM-MH-12/021 Head 1	0.14
CM-MH-12/008 Head 2	3.90	CM-MH-12/021 Head 2	0.11
Average	4.32	Average	0.13
CM-MH-12/009 Head 1	0.02	CM-MH-12/022 Head 1	23.7
CM-MH-12/009 Head 2	0.01	CM-MH-12/022 Head 2	35.7
Average	0.02	Average	29.7
CM-MH-12/010 Head 1	0.01	CM-MH-12/023 Head 1	52.4
CM-MH-12/010 Head 2	0.02	CM-MH-12/023 Head 2	33.7
Average	0.02	Average	43.1
CM-MH-12/011 Head 1	0.03	CM-MH-12/024 Head 1	1.41
CM-MH-12/011 Head 2	0.08	CM-MH-12/024 Head 2	0.97
Average	0.06	Average	1.19

TABLE IV-1B Continued
 REPLICATE HEAD ASSAY DATA

Sample	Au - g/tonne	Sample	Au - g/tonne
CM-MH-12/026 Head 1	1.10	CM-MH-12/037 Head 1	0.01
CM-MH-12/026 Head 2	0.62	CM-MH-12/037 Head 2	0.02
Average	0.9	Average	0.02
CM-MH-12/027 Head 1	1.18	CM-MH-12/038 Head 1	0.23
CM-MH-12/027 Head 2	0.05	CM-MH-12/038 Head 2	0.16
Average	0.62	Average	0.20
CM-MH-12/029 Head 1	28.8	CM-MH-12/039 Head 1	0.02
CM-MH-12/029 Head 2	17.7	CM-MH-12/039 Head 2	0.02
Average	23.2	Average	0.02
CM-MH-12/030 Head 1	0.28	CM-MH-12/040 Head 1	<0.01
CM-MH-12/030 Head 2	0.19	CM-MH-12/040 Head 2	<0.01
Average	0.24	Average	<0.01
CM-MH-12/031 Head 1	0.02	CM-MH-12/043 Head 1	<0.01
CM-MH-12/031 Head 2	0.02	CM-MH-12/043 Head 2	<0.01
Average	0.02	Average	<0.01
CM-MH-12/032 Head 1	0.02	CM-MH-12/045 Head 1	<0.01
CM-MH-12/032 Head 2	0.02	CM-MH-12/045 Head 2	<0.01
Average	0.02	Average	<0.01
CM-MH-12/033 Head 1	0.03	CM-MH-12/046 Head 1	<0.01
CM-MH-12/033 Head 2	0.03	CM-MH-12/046 Head 2	<0.01
Average	0.03	Average	<0.01
CM-MH-12/034 Head 1	<0.01	CM-MH-12/050 Head 1	<0.01
CM-MH-12/034 Head 2	<0.01	CM-MH-12/050 Head 2	<0.01
Average	<0.01	Average	<0.01
CM-MH-12/035 Head 1	<0.01	CM-MH-12/072 Head 1	3.62
CM-MH-12/035 Head 2	<0.01	CM-MH-12/072 Head 2	4.69
Average	<0.01	Average	4.16
CM-MH-12/036 Head 1	0.05		
CM-MH-12/036 Head 2	0.03		
Average	0.04		



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CERTIFICATE VA13023578

Project: KM3658
 P.O. No.: A9414
 This report is for 22 Pulp samples submitted to our lab in Vancouver, BC, Canada on 4- FEB- 2013.
 The following have access to data associated with this certificate:
 G AND T METALLURGICAL SIMONE BAWTREE KRISTEN BEARDEN

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
EXTRA- 01	Extra Sample received in Shipment
LOG- 24	Pulp Login - Rcd w/o Barcode

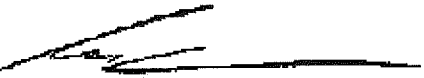
ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/AAS	FIMS

To: ALS METALLURGY, DIV OF ALS CANADA LTD
 ATTN: KRISTEN BEARDEN
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Comments: ***Corrected copy with samples #21 and 22 removed; both samples were not received***

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 2 (A - D)
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 Account: KRL

Project: KM3658

CERTIFICATE OF ANALYSIS VA13023578

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
KM3658- 065 Lower Swede Vein Hd1		0.02	27.9	1.15	1530	420	0.36	0.78	0.07	21.7	11.55	1.5	218	0.40	58.8	0.93
KM3658- 065 Lower Swede Vein Hd2		0.02	30.5	1.20	1770	450	0.24	0.59	0.06	28.7	11.20	1.8	198	0.40	45.0	0.91
KM3658- 064 Mid Swede Vein Hd1		0.02	14.80	0.43	1575	130	0.16	0.16	0.07	9.45	3.12	0.8	179	0.19	16.2	0.75
KM3658- 064 Mid Swede Vein Hd2		0.02	12.95	0.44	1585	130	0.14	0.19	0.07	9.22	3.06	1.5	352	0.19	20.7	0.83
KM3658- 063 Upper Swede Vein Hd1		0.02	14.85	0.73	861	180	0.11	0.25	0.05	7.33	5.07	1.0	178	0.21	33.5	0.56
KM3658- 063 Upper Swede Vein Hd2		0.02	16.10	0.76	939	190	0.24	0.28	0.05	8.46	6.94	1.8	311	0.23	30.9	0.62
KM3658 CM- MH- 12- 013 Hd1		0.02	0.70	0.26	329	440	0.09	0.16	0.08	1.40	1.93	1.3	301	0.10	29.2	0.40
KM3658 CM- MH- 12- 013 Hd2		0.02	0.73	0.27	325	460	0.08	0.23	0.08	1.32	1.91	1.5	294	0.10	34.4	0.43
KM3658 CM- MH- 12- 019 Hd1		0.02	0.09	7.67	8.8	1720	1.14	0.07	3.35	0.12	38.0	11.8	93	2.33	17.6	3.55
KM3658 CM- MH- 12- 019 Hd2		0.02	0.08	7.56	9.0	1720	1.20	0.07	3.51	0.13	39.9	11.6	100	2.38	17.6	3.52
KM3658 CM- MH- 12- 025 Hd1		0.02	2.39	4.02	141.0	500	1.10	0.31	0.74	1.12	12.70	2.1	194	2.15	12.4	0.77
KM3658 CM- MH- 12- 025 Hd2		0.02	2.53	3.95	137.5	500	1.18	0.32	0.73	1.12	12.10	2.1	189	2.14	12.1	0.76
KM3658 CM- MH- 12- 028 Hd1		0.02	10.10	0.38	6700	140	0.07	1.04	0.82	19.50	2.59	2.4	456	0.14	38.5	1.24
KM3658 CM- MH- 12- 028 Hd2		0.02	10.40	0.38	6600	140	0.10	1.03	0.85	21.6	2.28	2.4	478	0.14	39.5	1.23
KM3658 CM- MH- 12- 044 Hd1		0.02	0.10	7.47	5.8	4230	1.26	0.06	3.14	0.10	66.3	8.7	148	3.03	29.3	3.31
KM3658 CM- MH- 12- 044 Hd2		0.02	0.07	7.56	2.5	4350	1.28	0.06	3.24	0.07	58.9	9.0	149	3.01	30.5	3.37
KM3658 CM- MH- 12- 047 Hd1		0.02	0.03	7.50	5.0	2700	1.19	0.04	3.19	0.07	47.2	7.7	271	1.76	12.4	3.11
KM3658 CM- MH- 12- 047 Hd2		0.02	0.03	7.37	5.0	2610	1.35	0.04	3.16	0.06	50.2	8.3	259	1.96	12.1	3.03
KM3658 CM- MH- 12- 051 Hd1		0.02	0.08	6.61	13.8	1260	1.50	0.05	2.53	0.64	28.8	4.9	300	5.95	11.3	1.65
KM3658 CM- MH- 12- 051 Hd2		0.02	0.08	6.47	13.7	1270	1.45	0.04	2.58	0.64	27.2	4.9	304	6.12	11.3	1.67
KM3658 CM- MH- 12- 052 Hd1		0.02	0.33	2.35	24.9	480	0.42	0.34	1.40	0.12	160.5	17.6	165	1.00	12.8	45.9
KM3658 CM- MH- 12- 052 Hd2		0.02	0.39	2.38	24.7	490	0.45	0.36	1.49	0.15	146.0	16.7	171	0.97	13.7	44.7

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 Comments: ***Corrected copy with samples #21 and 22 removed; both samples were not received***

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Project: KM3658

CERTIFICATE OF ANALYSIS VA13023578

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
	Analyte	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
LOR		0.05	0.05	0.1	0.01	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
KM3658-065 Lower Swede Vein Hd1		2.75	<0.05	0.1	0.3	0.110	0.53	5.4	5.8	0.06	246	5.62	0.02	1.0	5.3	140
KM3658-065 Lower Swede Vein Hd2		2.92	<0.05	0.1	0.6	0.098	0.55	5.4	6.0	0.05	249	4.75	0.02	1.0	6.0	140
KM3658-064 Mid Swede Vein Hd1		1.50	<0.05	<0.1	1.2	0.167	0.16	1.7	6.7	0.04	75	4.12	0.02	0.5	6.0	90
KM3658-064 Mid Swede Vein Hd2		1.46	<0.05	<0.1	0.7	0.178	0.17	1.6	6.6	0.04	93	13.10	0.02	0.5	9.1	80
KM3658-063 Upper Swede Vein Hd1		1.73	0.05	<0.1	0.2	0.069	0.28	2.7	5.5	0.05	86	4.15	0.02	0.6	11.0	60
KM3658-063 Upper Swede Vein Hd2		1.80	0.06	0.1	0.2	0.069	0.30	3.5	5.6	0.05	104	11.60	0.02	0.7	16.9	70
KM3658 CM- MH- 12- 013 Hd1		0.65	0.07	<0.1	0.1	0.014	0.09	1.0	9.6	0.03	168	10.15	0.01	0.2	11.6	20
KM3658 CM- MH- 12- 013 Hd2		0.66	<0.05	<0.1	0.1	0.013	0.10	1.2	9.7	0.03	187	9.92	0.01	0.2	11.9	30
KM3658 CM- MH- 12- 019 Hd1		17.90	0.08	1.4	<0.1	0.042	1.79	19.9	14.5	1.17	732	3.70	2.17	7.3	9.1	610
KM3658 CM- MH- 12- 019 Hd2		18.05	0.11	1.5	<0.1	0.043	1.90	20.6	14.5	1.16	769	3.87	2.17	7.7	9.1	630
KM3658 CM- MH- 12- 025 Hd1		8.55	<0.05	0.8	0.1	0.017	1.99	6.7	14.9	0.10	249	7.93	1.31	4.4	8.1	100
KM3658 CM- MH- 12- 025 Hd2		8.35	<0.05	0.7	0.07	0.018	1.97	6.2	15.2	0.10	244	7.47	1.30	3.8	8.0	100
KM3658 CM- MH- 12- 028 Hd1		0.99	<0.05	<0.1	0.41	0.047	0.17	1.7	6.0	0.23	393	15.35	0.01	0.5	15.4	30
KM3658 CM- MH- 12- 028 Hd2		1.03	<0.05	<0.1	0.50	0.052	0.17	1.6	6.1	0.23	405	16.00	0.01	0.5	16.0	30
KM3658 CM- MH- 12- 044 Hd1		18.35	0.11	0.4	0.01	0.042	2.60	35.2	9.6	0.90	816	5.77	2.09	8.0	12.0	760
KM3658 CM- MH- 12- 044 Hd2		18.30	0.12	0.4	0.01	0.043	2.69	30.5	9.6	0.90	839	5.95	2.15	8.2	10.3	790
KM3658 CM- MH- 12- 047 Hd1		17.10	0.05	0.4	0.6	0.034	2.14	24.4	14.4	0.83	783	10.15	2.32	7.3	14.2	710
KM3658 CM- MH- 12- 047 Hd2		17.70	0.10	0.4	0.01	0.036	2.08	26.1	15.6	0.82	775	10.25	2.24	7.8	15.8	700
KM3658 CM- MH- 12- 051 Hd1		16.90	0.07	0.8	0.01	0.027	4.15	14.7	3.2	0.35	797	12.15	0.20	8.2	10.0	450
KM3658 CM- MH- 12- 051 Hd2		16.65	0.05	0.8	<0.1	0.029	4.22	13.9	3.2	0.34	816	12.20	0.21	8.1	9.8	450
KM3658 CM- MH- 12- 052 Hd1		15.65	1.22	5.3	0.04	0.067	0.56	93.2	3.9	0.42	1290	4.70	0.63	23.0	10.4	2260
KM3658 CM- MH- 12- 052 Hd2		15.20	1.09	4.6	0.02	0.064	0.60	84.4	3.9	0.42	1380	4.26	0.65	21.8	9.6	2210

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 Comments: ***Corrected copy with samples #21 and 22 removed; both samples were not received***

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Project: KM3658

CERTIFICATE OF ANALYSIS VA13023578

Sample Description	Method	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	
Units		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	
LOR		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	
KM3658- 065 Lower Swede Vein Hd1		4590	18.7	0.002	0.13	509	1.5	<1	0.6	8.3	0.05	0.13	1.9	0.029	0.27	5.3
KM3658- 065 Lower Swede Vein Hd2		5520	20.2	<0.002	0.06	636	1.5	<1	0.4	7.8	0.06	0.14	1.9	0.031	0.19	6.0
KM3658- 064 Mid Swede Vein Hd1		1530	6.5	<0.002	0.01	22.2	0.6	<1	0.2	6.7	<0.05	<0.05	0.6	0.012	0.04	3.5
KM3658- 064 Mid Swede Vein Hd2		1555	6.3	0.002	0.01	21.7	0.6	<1	0.2	6.7	<0.05	<0.05	0.6	0.013	0.05	3.6
KM3658- 063 Upper Swede Vein Hd1		1840	10.7	<0.002	0.01	260	0.9	<1	0.3	6.5	<0.05	<0.05	0.8	0.020	0.08	3.0
KM3658- 063 Upper Swede Vein Hd2		2060	11.3	0.002	0.01	276	1.0	<1	0.3	6.5	<0.05	<0.05	1.1	0.023	0.11	3.4
KM3658 CM- MH- 12- 013 Hd1		107.0	3.6	<0.002	0.02	590	0.4	<1	0.2	6.9	<0.05	<0.05	0.4	0.007	0.05	0.2
KM3658 CM- MH- 12- 013 Hd2		106.5	3.5	<0.002	0.02	665	0.4	1	<0.2	7.5	<0.05	<0.05	0.4	0.007	0.04	0.3
KM3658 CM- MH- 12- 019 Hd1		38.7	58.4	<0.002	0.01	13.95	13.7	2	1.3	405	0.72	<0.05	9.1	0.307	0.53	1.8
KM3658 CM- MH- 12- 019 Hd2		38.9	59.2	<0.002	0.01	13.30	13.8	2	1.3	402	0.75	<0.05	9.5	0.326	0.54	1.8
KM3658 CM- MH- 12- 025 Hd1		186.5	71.0	<0.002	<0.01	192.0	1.6	1	0.4	105.0	0.96	<0.05	10.0	0.037	0.45	4.4
KM3658 CM- MH- 12- 025 Hd2		186.5	67.2	<0.002	0.01	193.0	1.5	1	0.4	102.5	0.81	<0.05	10.1	0.036	0.45	3.8
KM3658 CM- MH- 12- 028 Hd1		8040	5.3	<0.002	0.60	3390	0.7	1	0.2	35.2	<0.05	<0.05	0.4	0.009	0.06	0.2
KM3658 CM- MH- 12- 028 Hd2		7790	5.1	<0.002	0.59	3280	0.7	1	0.3	34.1	<0.05	<0.05	0.4	0.011	0.06	0.3
KM3658 CM- MH- 12- 044 Hd1		38.3	74.1	<0.002	0.03	10.95	9.9	2	1.4	468	0.58	<0.05	12.4	0.282	0.72	1.8
KM3658 CM- MH- 12- 044 Hd2		24.1	72.1	<0.002	0.04	4.86	9.9	2	1.5	482	0.56	<0.05	11.4	0.291	0.71	2.3
KM3658 CM- MH- 12- 047 Hd1		22.8	64.8	<0.002	0.02	8.34	7.6	1	1.3	464	0.60	<0.05	9.8	0.273	0.65	1.8
KM3658 CM- MH- 12- 047 Hd2		23.0	66.6	<0.002	0.02	8.59	7.9	2	1.4	455	0.60	<0.05	10.1	0.268	0.66	2.0
KM3658 CM- MH- 12- 051 Hd1		22.0	146.5	<0.002	0.08	20.2	5.0	1	1.4	223	0.81	<0.05	8.6	0.173	1.87	3.6
KM3658 CM- MH- 12- 051 Hd2		20.8	145.5	<0.002	0.08	20.8	4.8	1	1.4	225	0.81	<0.05	8.0	0.176	1.84	5.2
KM3658 CM- MH- 12- 052 Hd1		14.6	21.2	0.002	0.01	3.33	9.6	3	3.3	97.6	2.08	0.06	30.6	1.250	0.18	10.2
KM3658 CM- MH- 12- 052 Hd2		15.2	20.5	0.002	0.01	3.60	9.2	3	3.4	97.6	2.23	0.05	26.9	1.270	0.18	7.9

Comments: ***Corrected copy with samples #21 and 22 removed; both samples were not received***

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - D
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 14- FEB- 2013
 Account: KRL

Project: KM3658

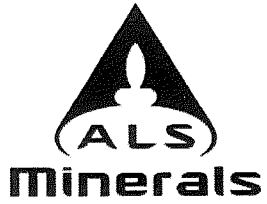
CERTIFICATE OF ANALYSIS VA13023578

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
		1	0.1	0.1	2	0.5
KM3658- 065 Lower Swede Vein Hd1		39	8.0	2.0	756	2.0
KM3658- 065 Lower Swede Vein Hd2		45	8.9	2.0	637	2.3
KM3658- 064 Mid Swede Vein Hd1		56	1.2	1.7	563	1.1
KM3658- 064 Mid Swede Vein Hd2		64	1.3	1.8	573	1.0
KM3658- 063 Upper Swede Vein Hd1		55	1.7	1.7	196	1.7
KM3658- 063 Upper Swede Vein Hd2		66	2.0	1.8	214	2.0
KM3658 CM- MH- 12- 013 Hd1		4	0.2	0.8	49	0.8
KM3658 CM- MH- 12- 013 Hd2		4	0.3	1.0	54	1.0
KM3658 CM- MH- 12- 019 Hd1		89	0.5	16.0	61	48.0
KM3658 CM- MH- 12- 019 Hd2		92	0.5	16.7	64	50.8
KM3658 CM- MH- 12- 025 Hd1		10	0.4	7.4	23	12.6
KM3658 CM- MH- 12- 025 Hd2		10	0.4	6.4	22	11.8
KM3658 CM- MH- 12- 028 Hd1		6	0.7	1.7	816	0.7
KM3658 CM- MH- 12- 028 Hd2		6	0.7	1.6	899	0.9
KM3658 CM- MH- 12- 044 Hd1		62	0.5	16.6	70	12.2
KM3658 CM- MH- 12- 044 Hd2		63	0.5	16.6	68	12.9
KM3658 CM- MH- 12- 047 Hd1		57	0.3	15.1	64	10.8
KM3658 CM- MH- 12- 047 Hd2		56	0.3	15.3	63	11.0
KM3658 CM- MH- 12- 051 Hd1		36	18.5	8.5	76	20.1
KM3658 CM- MH- 12- 051 Hd2		37	18.4	8.1	77	20.2
KM3658 CM- MH- 12- 052 Hd1		765	37.7	50.1	76	125.0
KM3658 CM- MH- 12- 052 Hd2		784	30.5	47.8	84	117.0

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Comments: ***Corrected copy with samples #21 and 22 removed; both samples were not received***

***** See Appendix Page for comments regarding this certificate *****



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 14- FEB- 2013
Account: KRL

Project: KM3658

CERTIFICATE OF ANALYSIS VA13023578

Method	CERTIFICATE COMMENTS
ME- MS61 Hg- CV41	REE's may not be totally soluble in this method. Detection limits on samples requiring dilutions due to interferences or high concentration levels have been increased according to the dilution factor.



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Page: 1
 Finalized Date: 26- FEB- 2013
 Account: KRL

CERTIFICATE VA13029662

Project: KM3658
 P.O. No.: A0229
 This report is for 41 Pulp samples submitted to our lab in Vancouver, BC, Canada on 13- FEB- 2013.
 The following have access to data associated with this certificate:
 G AND T METALLURGICAL SIMONE BAWTREE KRISTEN BEARDEN

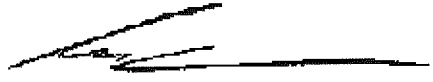
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Pb- OG62	Ore Grade Pb - Four Acid	VARIABLE
Zn- OG62	Ore Grade Zn - Four Acid	VARIABLE
ME- MS61	48 element four acid ICP- MS	
Hg- CV41	Trace Hg - cold vapor/AAS	FIMS
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE

To: ALS METALLURGY, DIV OF ALS CANADA LTD
 ATTN: KRISTEN BEARDEN
 2957 BOWERS PL
 KAMLOOPS BC V1S 1W5

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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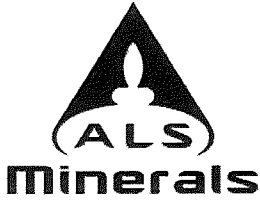
Page: 2 - A
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 26- FEB- 2013
 Account: KRL

Project: KM3658

CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
CM- MH- 12/001 Hd1		0.02	>100	1.98	2600	420	0.35	0.59	0.96	224	19.10	2.0	388	1.03	195.5	1.14
CM- MH- 12/002 Hd1		0.02	20.7	0.73	3130	470	0.15	0.13	0.27	30.1	4.90	1.0	331	0.44	43.9	0.85
CM- MH- 12/003 Hd1		0.02	>100	0.05	986	30	<0.05	0.59	0.02	64.5	0.32	0.6	307	<0.05	1990	0.52
CM- MH- 12/004 Hd1		0.02	>100	0.16	1540	60	<0.05	1.28	0.03	88.7	1.43	0.8	332	0.10	334	0.55
CM- MH- 12/005 Hd1		0.02	>100	0.07	1065	20	<0.05	2.50	0.06	140.5	1.06	1.0	410	0.05	132.0	0.73
CM- MH- 12/006 Hd1		0.02	45.0	0.25	5930	80	0.06	0.57	0.13	8.77	1.30	0.9	493	0.16	75.7	0.99
CM- MH- 12/007 Hd1		0.02	47.6	0.31	3680	130	0.07	0.63	0.05	3.27	1.88	1.0	358	0.14	126.5	0.84
CM- MH- 12/008 Hd1		0.02	6.86	0.29	4510	120	0.07	0.16	0.24	8.08	2.01	1.0	422	0.19	27.1	0.94
CM- MH- 12/009 Hd1		0.02	0.37	7.35	33.9	1590	1.23	0.03	3.14	0.19	42.2	11.8	94	2.01	6.3	3.44
CM- MH- 12/010 Hd1		0.02	0.36	7.13	13.2	1600	1.25	0.04	3.21	0.24	37.1	12.5	81	2.36	12.9	3.57
CM- MH- 12/011 Hd1		0.02	0.71	7.21	28.5	1590	1.26	0.05	3.40	0.26	38.7	13.6	93	2.41	20.5	3.81
CM- MH- 12/012 Hd1		0.02	0.17	7.70	28.7	1930	1.68	0.19	3.64	0.47	65.5	17.7	236	1.60	55.9	4.64
CM- MH- 12/014 Hd1		0.02	41.0	0.19	7330	200	<0.05	0.17	0.84	119.0	1.84	2.7	624	0.10	32.9	1.33
CM- MH- 12/015 Hd1		0.02	0.59	7.71	62.1	1510	1.08	0.06	3.65	1.56	45.6	14.4	219	2.16	11.7	3.78
CM- MH- 12/016 Hd1		0.02	>100	0.32	2070	120	0.08	1.38	0.05	139.0	2.07	2.1	580	0.22	523	0.92
CM- MH- 12/017 Hd1		0.02	15.70	6.72	5260	2050	1.35	0.34	0.97	23.9	80.9	6.9	266	3.08	18.5	3.58
CM- MH- 12/018 Hd1		0.02	14.40	3.23	2820	810	0.52	0.45	0.30	19.20	30.2	3.3	380	1.40	29.4	1.81
CM- MH- 12/020 Hd1		0.02	0.35	0.65	33.6	240	0.10	0.91	0.05	0.19	7.58	0.9	326	0.30	4.8	0.50
CM- MH- 12/021 Hd1		0.02	4.57	0.03	73.3	10	<0.05	0.04	0.01	2.30	0.35	0.5	390	<0.05	8.1	0.33
CM- MH- 12/022 Hd1		0.02	39.0	0.33	1090	90	0.07	0.76	0.10	6.70	2.55	0.7	377	0.18	39.0	0.58
CM- MH- 12/023 Hd1		0.02	72.0	0.12	1605	30	<0.05	0.33	0.03	22.8	0.61	0.6	400	0.07	96.3	0.50
CM- MH- 12/024 Hd1		0.02	1.06	7.47	31.2	1850	2.24	0.08	1.94	0.41	56.4	4.6	120	2.98	6.0	2.69
CM- MH- 12/026 Hd1		0.02	7.35	0.46	1970	150	0.08	0.48	0.12	18.65	2.55	1.2	313	0.27	15.8	0.65
CM- MH- 12/027 Hd1		0.02	0.18	7.59	138.5	1350	1.43	0.12	1.80	0.21	59.3	12.2	158	3.55	26.6	3.39
CM- MH- 12/029 Hd1		0.02	21.9	0.38	5270	130	0.05	0.45	0.04	63.5	4.46	1.0	467	0.15	20.2	0.90
CM- MH- 12/030 Hd1		0.02	0.90	7.24	122.5	1500	1.50	0.04	2.88	1.64	44.3	9.4	232	3.40	5.6	3.04
CM- MH- 12/031 Hd1		0.02	0.12	7.20	12.9	2100	1.44	0.05	2.97	0.23	44.1	8.2	177	1.79	4.4	2.99
CM- MH- 12/032 Hd1		0.02	0.08	7.12	7.8	1590	1.32	0.03	2.85	0.16	46.2	10.2	106	3.22	7.0	3.11
CM- MH- 12/033 Hd1		0.02	0.20	7.40	5.0	2420	1.31	0.06	2.92	0.12	56.6	8.1	129	1.87	12.6	3.28
CM- MH- 12/034 Hd1		0.02	0.13	7.15	5.5	1030	1.05	0.04	3.19	0.10	45.6	10.7	80	4.54	8.5	3.37
CM- MH- 12/035 Hd1		0.02	0.17	7.53	8.2	1500	1.39	0.05	2.32	0.09	45.9	9.6	84	5.48	31.3	3.07
CM- MH- 12/036 Hd1		0.02	0.57	7.20	79.7	2590	1.26	0.08	2.93	0.64	63.9	8.8	443	2.14	13.3	3.27
CM- MH- 12/037 Hd1		0.02	0.17	7.33	9.2	3030	1.11	0.05	2.52	0.17	59.5	8.0	395	2.42	8.7	3.06
CM- MH- 12/038 Hd1		0.02	0.26	7.27	1220	2040	1.25	0.07	3.03	0.24	62.5	7.9	344	2.18	13.5	2.79
CM- MH- 12/039 Hd1		0.02	0.13	7.13	23.8	1960	1.19	0.06	2.83	0.14	51.9	8.6	303	1.88	8.6	3.19
CM- MH- 12/040 Hd1		0.02	0.10	7.45	2.1	2630	1.23	0.06	3.03	0.09	68.9	8.7	164	2.47	15.3	3.46
CM- MH- 12/043 Hd1		0.02	0.12	6.72	3.5	1710	1.04	0.06	2.65	0.08	57.6	8.1	125	8.65	10.9	3.40
CM- MH- 12/045 Hd1		0.02	0.08	7.43	3.8	3000	1.77	0.06	3.05	0.08	47.8	7.7	149	1.79	6.9	3.36
CM- MH- 12/046 Hd1		0.02	0.21	8.37	23.6	120	1.17	0.05	0.19	0.08	72.5	8.1	93	0.28	10.4	3.53
CM- MH- 12/050 Hd1		0.02	0.61	7.81	116.5	590	1.32	0.33	5.86	0.31	66.9	34.3	218	2.39	38.5	6.77

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Page: 2 - B
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 26- FEB- 2013
 Account: KRL

Project: KM3658

CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm
CM- MH- 12/001 Hd1		4.36	<0.05	0.2	2.78	0.412	0.80	11.3	8.3	0.12	503	10.45	0.23	2.5	7.2	160
CM- MH- 12/002 Hd1		1.71	<0.05	<0.1	0.92	0.043	0.31	2.8	20.3	0.07	219	8.30	0.02	1.0	5.8	10
CM- MH- 12/003 Hd1		0.17	<0.05	<0.1	4.46	0.064	0.01	<0.5	5.2	<0.01	66	31.3	<0.01	0.2	5.1	<10
CM- MH- 12/004 Hd1		0.44	<0.05	<0.1	1.16	0.097	0.05	1.4	8.7	0.01	43	7.24	0.02	<0.1	6.1	20
CM- MH- 12/005 Hd1		0.35	<0.05	<0.1	1.88	0.319	0.01	1.8	6.6	0.01	175	9.52	0.01	0.2	7.4	10
CM- MH- 12/006 Hd1		0.64	<0.05	<0.1	0.22	0.040	0.10	1.3	16.0	0.04	91	11.50	0.01	0.6	8.3	10
CM- MH- 12/007 Hd1		0.85	<0.05	<0.1	0.51	0.012	0.14	1.1	8.4	0.02	95	8.70	0.01	0.5	5.8	20
CM- MH- 12/008 Hd1		0.79	<0.05	<0.1	0.18	0.016	0.12	1.2	3.7	0.08	123	9.78	0.01	0.6	6.9	20
CM- MH- 12/009 Hd1		17.75	0.13	1.7	<0.01	0.037	1.99	21.0	22.0	1.04	705	2.53	2.25	8.9	5.0	630
CM- MH- 12/010 Hd1		18.15	0.17	1.7	<0.01	0.047	2.05	18.2	23.2	1.13	768	2.53	2.28	9.1	5.5	650
CM- MH- 12/011 Hd1		18.40	0.18	1.5	<0.01	0.049	2.02	18.9	18.4	1.20	865	5.04	2.19	9.7	5.4	590
CM- MH- 12/012 Hd1		19.00	0.20	3.2	0.04	0.073	2.11	31.6	23.7	1.58	1020	10.05	2.45	12.6	18.3	1690
CM- MH- 12/014 Hd1		0.61	<0.05	<0.1	0.96	0.200	0.07	1.7	4.8	0.04	487	22.8	0.02	0.5	10.3	30
CM- MH- 12/015 Hd1		18.40	0.15	1.5	0.01	0.048	1.86	22.9	18.3	1.28	831	9.33	2.16	8.2	8.5	620
CM- MH- 12/016 Hd1		0.84	<0.05	<0.1	0.41	0.214	0.13	2.2	6.2	0.02	80	54.1	0.02	0.2	10.2	30
CM- MH- 12/017 Hd1		14.40	0.12	0.7	0.19	0.081	2.38	47.1	9.8	0.49	441	11.45	0.97	7.4	9.6	660
CM- MH- 12/018 Hd1		7.16	0.05	0.3	0.18	0.069	1.24	16.6	6.7	0.19	202	14.50	0.30	3.9	8.4	320
CM- MH- 12/020 Hd1		1.91	<0.05	<0.1	0.01	0.009	0.25	4.0	3.5	0.07	143	7.89	0.09	0.9	5.9	70
CM- MH- 12/021 Hd1		0.25	<0.05	<0.1	0.46	0.057	0.01	<0.5	2.1	<0.01	47	9.19	0.01	0.3	6.5	10
CM- MH- 12/022 Hd1		0.91	<0.05	<0.1	0.06	0.020	0.13	1.9	6.9	0.02	37	8.82	0.01	0.6	6.0	340
CM- MH- 12/023 Hd1		0.45	<0.05	<0.1	0.33	0.069	0.04	<0.5	4.2	0.01	42	9.71	0.01	0.4	6.3	30
CM- MH- 12/024 Hd1		16.15	0.11	3.4	0.01	0.047	2.71	29.8	21.4	0.52	791	2.99	2.89	13.3	5.0	500
CM- MH- 12/026 Hd1		1.12	<0.05	<0.1	0.47	0.042	0.20	1.5	5.0	0.04	249	7.03	0.02	0.6	5.3	20
CM- MH- 12/027 Hd1		15.35	0.13	1.8	0.04	0.045	1.74	30.1	18.8	0.84	600	3.19	2.03	9.0	22.6	670
CM- MH- 12/029 Hd1		0.99	<0.05	0.1	1.36	0.142	0.15	2.7	3.0	0.03	57	11.80	0.03	0.7	7.8	40
CM- MH- 12/030 Hd1		17.25	0.14	1.3	0.11	0.044	2.20	22.2	18.4	0.85	641	6.82	2.30	9.7	7.0	520
CM- MH- 12/031 Hd1		18.10	0.15	0.7	0.01	0.036	1.88	21.5	21.3	0.73	615	5.09	2.35	8.9	4.9	690
CM- MH- 12/032 Hd1		17.40	0.17	1.2	<0.01	0.033	2.33	24.0	18.4	0.94	685	3.97	2.20	9.9	4.8	550
CM- MH- 12/033 Hd1		17.45	0.09	0.5	0.01	0.046	2.26	27.4	18.6	0.86	782	4.16	2.25	10.2	5.1	750
CM- MH- 12/034 Hd1		17.00	0.11	1.7	<0.01	0.038	1.96	23.6	32.2	1.01	782	3.64	2.14	8.6	5.7	550
CM- MH- 12/035 Hd1		16.95	0.10	1.5	<0.01	0.038	2.41	23.3	25.2	0.91	541	6.09	2.17	8.7	5.3	590
CM- MH- 12/036 Hd1		17.30	0.13	0.6	0.01	0.047	1.98	31.0	16.3	0.74	624	20.1	2.26	9.5	10.6	720
CM- MH- 12/037 Hd1		16.15	0.12	0.5	<0.01	0.038	2.22	29.6	16.8	0.76	636	17.70	2.22	8.6	9.3	680
CM- MH- 12/038 Hd1		16.50	0.11	0.6	0.01	0.042	2.41	31.3	10.5	0.58	723	15.20	1.81	9.7	8.5	710
CM- MH- 12/039 Hd1		16.55	0.12	0.6	0.02	0.041	1.94	25.5	16.9	0.88	799	13.75	2.27	10.3	7.8	720
CM- MH- 12/040 Hd1		17.90	0.14	0.5	<0.01	0.043	2.26	33.4	15.7	0.90	818	5.01	2.32	11.7	5.7	800
CM- MH- 12/043 Hd1		17.00	0.13	0.5	<0.01	0.045	2.40	28.1	5.3	0.78	786	4.02	1.97	9.9	4.5	780
CM- MH- 12/045 Hd1		16.90	0.06	0.5	<0.01	0.043	2.20	23.2	27.9	0.89	785	4.51	2.17	9.1	4.6	780
CM- MH- 12/046 Hd1		17.90	0.13	0.6	0.32	0.052	0.27	37.8	34.9	0.25	534	3.12	0.02	11.1	3.9	460
CM- MH- 12/050 Hd1		19.90	0.25	4.9	<0.01	0.083	0.93	30.3	23.9	3.27	1230	2.82	1.90	22.9	85.0	2060

CS



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Project: KM3658

CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
CM- MH- 12/001 Hd1		3840	29.9	<0.002	0.99	173.5	2.4	2	0.6	52.8	0.16	<0.05	4.0	0.059	0.30	1.3
CM- MH- 12/002 Hd1		833	11.5	<0.002	0.20	108.5	0.7	1	0.3	17.9	0.06	<0.05	0.9	0.019	0.12	1.1
CM- MH- 12/003 Hd1		>10000	0.5	<0.002	0.19	1570	0.1	1	0.2	24.0	<0.05	<0.05	<0.2	<0.005	<0.02	2.3
CM- MH- 12/004 Hd1		>10000	1.7	<0.002	0.06	7270	0.3	1	0.3	8.0	<0.05	<0.05	0.2	<0.005	0.09	9.2
CM- MH- 12/005 Hd1		>10000	0.6	<0.002	0.10	2760	0.4	2	0.2	32.1	<0.05	<0.05	<0.2	<0.005	0.02	5.0
CM- MH- 12/006 Hd1		4460	3.5	<0.002	0.54	3770	0.3	1	0.3	8.4	<0.05	<0.05	0.2	0.006	0.09	0.4
CM- MH- 12/007 Hd1		1960	4.7	<0.002	0.17	160.0	0.5	1	0.3	4.9	<0.05	<0.05	0.3	0.008	0.04	5.6
CM- MH- 12/008 Hd1		916	4.2	<0.002	0.27	95.9	0.6	1	0.3	18.4	<0.05	<0.05	0.3	0.009	0.04	1.1
CM- MH- 12/009 Hd1		35.1	55.6	<0.002	0.01	5.72	12.8	2	1.3	372	0.72	<0.05	10.7	0.308	0.52	1.6
CM- MH- 12/010 Hd1		43.3	52.3	<0.002	0.01	7.21	13.3	2	1.5	376	0.75	<0.05	9.4	0.314	0.56	1.8
CM- MH- 12/011 Hd1		38.3	57.5	<0.002	0.02	4.47	15.8	2	1.7	377	0.78	<0.05	9.3	0.330	0.59	1.6
CM- MH- 12/012 Hd1		29.2	60.1	<0.002	0.11	3.29	14.4	2	1.6	682	0.70	<0.05	10.0	0.458	0.71	2.1
CM- MH- 12/014 Hd1		3890	2.4	<0.002	0.44	33.1	0.4	1	0.3	68.1	<0.05	<0.05	0.3	0.006	0.02	2.8
CM- MH- 12/015 Hd1		114.0	56.7	<0.002	0.01	12.10	15.3	2	1.4	413	0.67	<0.05	10.1	0.309	0.46	2.2
CM- MH- 12/016 Hd1		>10000	4.0	0.002	0.09	3700	0.6	1	0.4	19.8	<0.05	<0.05	0.4	0.009	0.06	4.6
CM- MH- 12/017 Hd1		1985	89.1	<0.002	0.04	93.1	9.1	2	1.4	173.5	0.44	<0.05	12.7	0.245	0.72	7.2
CM- MH- 12/018 Hd1		2300	47.9	<0.002	0.03	175.5	3.6	1	1.1	52.7	0.25	<0.05	5.4	0.112	0.40	4.7
CM- MH- 12/020 Hd1		57.1	8.6	<0.002	<0.01	4.59	1.2	1	0.4	8.6	<0.05	<0.05	1.5	0.018	0.07	0.2
CM- MH- 12/021 Hd1		361	0.3	<0.002	<0.01	15.90	0.1	1	0.2	0.8	<0.05	<0.05	<0.2	<0.005	<0.02	0.2
CM- MH- 12/022 Hd1		5390	4.6	<0.002	0.01	193.0	0.5	1	0.2	8.6	<0.05	<0.05	0.4	0.011	0.05	12.9
CM- MH- 12/023 Hd1		7110	1.5	<0.002	0.05	359	0.2	1	0.2	2.3	<0.05	<0.05	<0.2	<0.005	0.02	4.0
CM- MH- 12/024 Hd1		122.0	113.0	<0.002	0.01	7.70	6.6	2	2.2	328	0.93	<0.05	12.2	0.200	0.91	2.9
CM- MH- 12/026 Hd1		1350	6.7	<0.002	0.14	477	0.5	1	0.2	7.7	<0.05	<0.05	0.6	0.008	0.06	0.6
CM- MH- 12/027 Hd1		32.4	66.3	<0.002	0.01	5.92	12.7	2	1.4	295	0.81	<0.05	9.9	0.381	0.51	2.5
CM- MH- 12/029 Hd1		4480	4.9	<0.002	0.30	357	0.6	1	0.3	7.4	<0.05	<0.05	0.9	0.014	0.04	1.4
CM- MH- 12/030 Hd1		153.0	83.1	<0.002	0.01	13.80	11.2	2	1.9	334	0.81	<0.05	12.0	0.253	0.69	1.6
CM- MH- 12/031 Hd1		34.2	54.6	<0.002	0.01	3.06	8.0	2	1.4	439	0.58	<0.05	9.7	0.243	0.52	4.0
CM- MH- 12/032 Hd1		28.2	82.8	<0.002	0.01	1.77	11.9	2	1.6	332	0.83	<0.05	13.1	0.284	0.71	1.9
CM- MH- 12/033 Hd1		28.7	81.7	<0.002	0.01	1.15	10.4	2	1.7	426	0.56	<0.05	10.6	0.277	0.71	1.1
CM- MH- 12/034 Hd1		18.7	91.8	<0.002	0.01	3.10	13.5	1	1.6	296	0.70	<0.05	11.2	0.279	0.80	2.0
CM- MH- 12/035 Hd1		21.8	97.3	<0.002	0.01	2.71	11.2	1	1.5	293	0.75	<0.05	11.5	0.291	0.83	1.7
CM- MH- 12/036 Hd1		96.0	57.2	0.002	0.01	9.57	9.3	2	1.7	428	0.65	<0.05	12.8	0.254	0.53	3.4
CM- MH- 12/037 Hd1		32.2	76.2	<0.002	0.01	3.47	7.5	1	1.6	400	0.58	<0.05	11.6	0.232	0.60	2.3
CM- MH- 12/038 Hd1		26.4	85.2	0.002	0.63	6.77	8.9	1	1.8	303	0.65	<0.05	11.6	0.253	0.68	1.7
CM- MH- 12/039 Hd1		26.7	72.5	<0.002	0.02	3.52	9.7	2	1.6	382	0.63	<0.05	11.1	0.263	0.62	4.5
CM- MH- 12/040 Hd1		21.2	78.1	<0.002	0.02	1.32	9.5	2	1.8	443	0.73	<0.05	14.4	0.303	0.74	9.8
CM- MH- 12/043 Hd1		17.3	87.6	<0.002	0.02	2.44	9.5	1	1.5	326	0.61	<0.05	11.0	0.279	0.83	1.1
CM- MH- 12/045 Hd1		23.0	70.9	<0.002	0.01	0.62	9.7	1	1.6	444	0.63	<0.05	8.6	0.290	0.62	1.6
CM- MH- 12/046 Hd1		21.7	14.2	<0.002	0.34	3.90	9.0	1	1.7	154.0	0.64	<0.05	13.0	0.325	0.16	9.4
CM- MH- 12/050 Hd1		40.1	36.1	<0.002	0.23	6.25	27.0	4	2.0	454	1.17	<0.05	4.7	1.060	0.29	3.9

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CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	Ag- OG62	Pb- OG62	Zn- OG62
		V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Ag ppm	Pb %	Zn %
		1	0.1	0.1	2	0.5	1	0.001	0.001
CM- MH- 12/001 Hd1		15	2.4	5.0	>10000	4.0	127		1.465
CM- MH- 12/002 Hd1		6	1.3	1.6	1510	1.8			
CM- MH- 12/003 Hd1		2	0.2	0.3	940	<0.5	1050	1.495	
CM- MH- 12/004 Hd1		3	0.1	0.8	110	0.5	642	1.315	
CM- MH- 12/005 Hd1		7	0.2	1.5	6210	0.5	197	2.02	
CM- MH- 12/006 Hd1		4	0.6	0.4	146	0.7			
CM- MH- 12/007 Hd1		6	0.5	0.8	136	1.2			
CM- MH- 12/008 Hd1		5	0.9	1.3	399	1.7			
CM- MH- 12/009 Hd1		91	0.3	13.1	64	48.7			
CM- MH- 12/010 Hd1		96	0.3	13.7	66	49.7			
CM- MH- 12/011 Hd1		109	0.6	15.1	67	41.9			
CM- MH- 12/012 Hd1		118	1.0	21.2	142	123.0			
CM- MH- 12/014 Hd1		5	1.3	2.2	3670	1.2			
CM- MH- 12/015 Hd1		102	0.6	15.7	105	45.0			
CM- MH- 12/016 Hd1		6	0.6	1.4	849	1.0	248	3.15	
CM- MH- 12/017 Hd1		70	48.4	14.5	537	22.5			
CM- MH- 12/018 Hd1		74	17.0	6.7	545	10.7			
CM- MH- 12/020 Hd1		10	0.9	1.3	9	1.6			
CM- MH- 12/021 Hd1		5	0.2	0.1	516	<0.5			
CM- MH- 12/022 Hd1		392	1.1	2.0	238	1.1			
CM- MH- 12/023 Hd1		101	3.4	0.5	615	0.5			
CM- MH- 12/024 Hd1		29	0.5	19.9	65	134.5			
CM- MH- 12/026 Hd1		5	0.6	0.8	769	1.1			
CM- MH- 12/027 Hd1		100	1.5	18.5	61	50.4			
CM- MH- 12/029 Hd1		9	1.1	1.1	1390	1.6			
CM- MH- 12/030 Hd1		70	0.3	13.4	80	34.5			
CM- MH- 12/031 Hd1		56	0.4	13.3	67	18.1			
CM- MH- 12/032 Hd1		75	0.2	14.1	59	30.9			
CM- MH- 12/033 Hd1		61	0.3	19.4	66	15.2			
CM- MH- 12/034 Hd1		81	0.6	13.9	57	54.8			
CM- MH- 12/035 Hd1		77	0.4	11.6	56	45.3			
CM- MH- 12/036 Hd1		62	0.7	15.3	82	17.5			
CM- MH- 12/037 Hd1		53	0.5	13.7	61	15.8			
CM- MH- 12/038 Hd1		54	7.9	14.8	58	17.0			
CM- MH- 12/039 Hd1		58	0.4	18.7	65	16.4			
CM- MH- 12/040 Hd1		66	0.4	19.7	67	14.5			
CM- MH- 12/043 Hd1		60	0.8	13.6	62	15.4			
CM- MH- 12/045 Hd1		64	0.3	18.6	63	12.9			
CM- MH- 12/046 Hd1		65	1.0	16.7	73	22.1			
CM- MH- 12/050 Hd1		147	0.9	36.9	108	230			

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CERTIFICATE OF ANALYSIS VA1 3029662

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm	ME- MS61 Fe %
CM- MH- 12/072 Hd1		0.02	17.90	0.19	2810	100	<0.05	0.43	0.03	10.45	1.71	0.9	263	0.08	24.3	0.73

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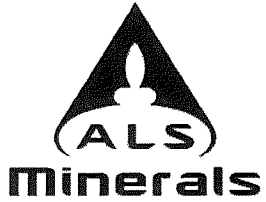
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CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	Hg- CV41	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
CM- MH- 12/072 Hd1		0.52	<0.05	<0.1	0.10	0.025	0.07	1.5	5.7	0.01	228	6.99	0.02	0.4	4.6	20

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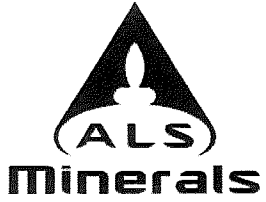
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CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
CM- MH- 12/072 Hd1		4530	2.4	<0.002	0.18	52.7	0.4	1	0.2	3.6	<0.05	<0.05	0.3	0.006	0.02	2.4

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CERTIFICATE OF ANALYSIS VA13029662

Sample Description	Method Analyte Units LOR	ME- MS61 V ppm	ME- MS61 W ppm	ME- MS61 Y ppm	ME- MS61 Zn ppm	ME- MS61 Zr ppm	Ag- OG62 Ag ppm	Pb- OG62 Pb %	Zn- OG62 Zn %
CM- MH- 12/072 Hd1		11	1.3	1.1	370	1.0			

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CERTIFICATE OF ANALYSIS VA13029662

Method	CERTIFICATE COMMENTS
ME- MS61	REE's may not be totally soluble in this method.



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Project: KM3658
 P.O. No.:
 This report is for 3 Tailings samples submitted to our lab in Vancouver, BC, Canada on 22- FEB- 2013.
 The following have access to data associated with this certificate:
 G AND T METALLURGICAL BRADLEY ANGOVE SIMONE BAWTREE

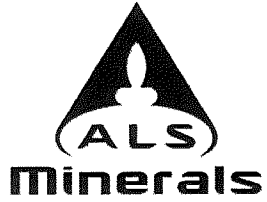
SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
OA- VOL11	Static Net Acid Generation	
OA- VOL08	Basic Acid Base Accounting	
S- IR08	Total Sulphur (Leco)	LECO
OA- ELE07	Paste pH	
S- CAL06	Sulfide Sulfur (calculated)	LECO
S- GRA06	Sulfate Sulfur- carbonate leach	LECO
C- GAS05	Inorganic Carbon (CO2)	
S- GRA06a	Sulfate Sulfur (HCl leachable)	

To: ALS METALLURGY, DIV OF ALS CANADA LTD
 ATTN: BRADLEY ANGOVE
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	OA- VOL08 MPA tCaCO3/1000	OA- VOL08 FIZZ RAT Unity	OA- VOL08 NNP tCaCO3/1000	OA- VOL08 NP tCaCO3/1000	OA- ELE07 pH Unity	OA- VOL08 Ratio (N Unity	S- IR08 S %	S- GRA06 S %	S- GRA06a S %	S- CAL06 S %	C- GAS05 C %	C- GAS05 CO2 %	OA- VOL11 NAG @ pH kg H2SO4/ton	OA- VOL11 NAG @ pH kg H2SO4/ton
KM3658- 01 KnTI		0.20	1.3	1	0	1	6.7	0.80	0.04	0.01	0.01	0.03	0.06	0.2	<0.01	<0.01
KM3658- 02 KnTI		0.20	0.6	1	0	1	6.5	1.60	0.02	0.01	0.01	0.01	0.06	0.2	<0.01	<0.01
KM3658- 03 KnTI		0.20	0.6	1	0	1	6.8	1.60	0.02	<0.01	0.02	0.02	0.06	0.2	<0.01	<0.01



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Finalized Date: 12- MAR- 2013
Account: KRL

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Sample Description	Method Analyte Units LOR	OA- VOL11 pH Unity 0.01
KM3658- 01 KnTI KM3658- 02 KnTI KM3658- 03 KnTI		10.0 9.3 9.6