

2008 GEOLOGICAL MAPPING, ROCK AND SOIL GEOCHEMISTRY ON THE KLONDIKE PROPERTIES

**Klondike Star Mineral Corp.
Klondike Gold Corp.**

Report Written By:

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Claims:

Win 1-156	YC30697 to YC30852	LB 1-132	YC28539 to YC28670
LLIB 1-6	YC 64000, YC75501- YC75505	Dom 102- 106	YC31048 to YC31052
Red 1-20	YC28473 to YC28492	SHEBA 1-6	YC36511 to YC36516
SHE 1-12	YC44606 to YC44617	SHEBA 7-11	YC36543 to YA36547
GOTTA 1-4	YC36539 to YC36542	SHEBA 12-13	YC44364 to YC44365
JAE 1-27	YA89006 to YA89726		
TM 1-2	YC17893 to YC17894	FB 1-20	YC25506 to YC25525
GATA 1-43	YC36286 to YC36336	FB 21 fraction	YC25526
FB 22-60	YC25527 to YC25565	Aime 1-26	YC44707 to YC44732

Claim owners: Klondike Star Mineral Corp., Klondike Gold Corp.,
J.A.E. Resources Ltd. and KSL Exploration (Yukon) Ltd.

Map sheets 1150/ 14, and 1150/ 15. Coordinates of the centre of the main
claim block are: 63°53'N, 138°16'W.

Work performed between July 2nd and August 21st 2008

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1. INTRODUCTION AND TERMS OF REFERENCE

This report describes the 2008 mineral exploration programme carried out on the JAE claim block (the historical Mitchell and Sheba prospects, MINFILE 115O-068) which is under option from JAE Resources by Klondike Star Mineral Corporation, together with Klondike Star's nearby claims (WIN, LB & LLIB) and those on Gold Run Creek (Aime and FB blocks). This report is largely intended to fulfill the reporting requirements of the Yukon Government for assessment work on quartz claims in order to keep the property in good standing. It might be later released in digital form to shareholders through the company's website.

The work programme consisted of geological mapping, sampling of trench and natural rock exposures and hand auger soil sampling surveys to extend the previous year's coverage.

The authors of this report supervised the exploration work during the 2008 season and personally performed much of the mapping and sampling. Assistance with geological mapping, rock and soil sampling was provided by geologist Correen O'Shea. A G.I.S. database for the soil geochemistry was compiled by Trish Hume.

2. PROPERTY DESCRIPTION AND LOCATION

The Klondike Properties of Klondike Star Mineral Corp. are divided into several projects based on geographic locations and exploration targets – the Lone Star project is located in the central-west Klondike and the Dominion project is located in the eastern Klondike. These projects are the main groups of Quartz claims owned by the company, and are covered by this report. The Lone Star project is subdivided based on groups of claims for the work conducted in 2008, specifically the WIN and LB- LLIB areas. The WIN area explored in 2008 is located at the headwaters of the northeastern fork of Little Blanche creek. The LB- LLIB area is located on the ridge between Canyon creek and upper Quartz creek. A minor amount of work was conducted at Eldorado creek in 2008, which is reported here, but this work was not filed for assessment purposes so the claims are not listed below. The JAE property is located to the east side of King Solomon Dome, and is part of the Dominion project, as are the FB & Aime claims located at Gold Run creek. Claim details are presented in Table 1, and shown in Figure 1.

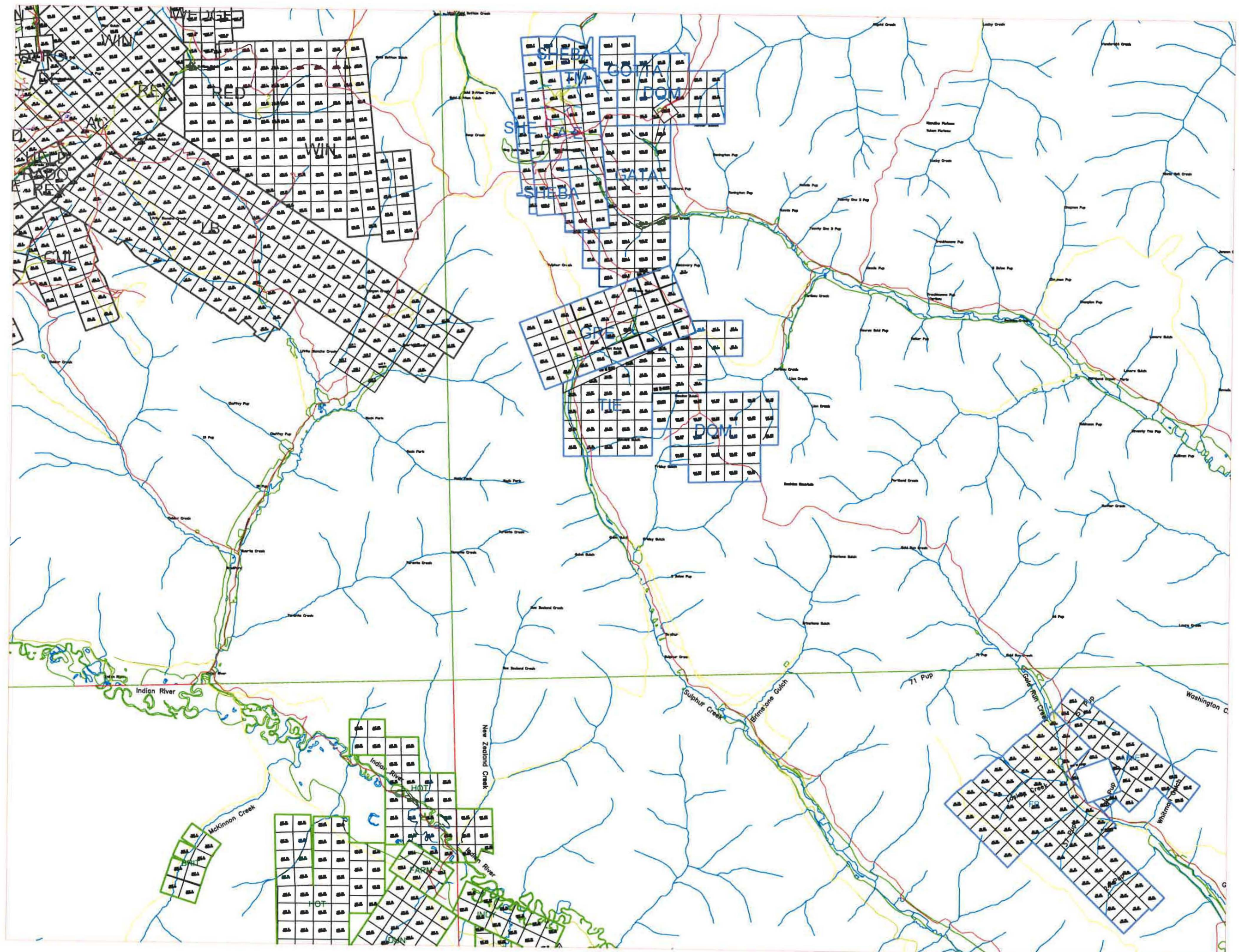


Figure 1

Table 1. List of Claims by project area, with expenditures and renewal requested

Grant No	Claim No	Registered Claim Owner	RecordingDate	ExpiryDate	NonStdSize	Renewal yrs	Work \$\$
Lone Star Project		WIN, LB & LLIB CLAIMS					
YC30697	Win 1	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30698	Win 2	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30699	Win 3	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30700	Win 4	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30711	Win 15	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30712	Win 16	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30713	Win 17	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30714	Win 18	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30721	Win 25	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2013		-	\$300.00
YC30722	Win 26	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30724	Win 28	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30735	Win 39	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30736	Win 40	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30737	Win 41	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30738	Win 42	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30739	Win 43	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30740	Win 44	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30741	Win 45	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	\$200.00
YC30742	Win 46	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	\$200.00
YC30743	Win 47	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	\$200.00
YC30744	Win 48	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	\$200.00
YC30745	Win 49	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30768	Win 72	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2012		-	\$1,100.00
YC30769	Win 73	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2012		-	\$900.00
YC30770	Win 74	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2012		-	\$1,300.00
YC30771	Win 75	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2012		-	\$900.00
YC30772	Win 76	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2013		-	\$1,300.00
YC30781	Win 85	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2011		1	
YC30782	Win 86	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2011		1	
YC30783	Win 87	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30784	Win 88	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2011		1	
YC30785	Win 89	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC30786	Win 90	Klondike Gold Corp. - 100%.	27/04/2004	27/04/2009		3	
YC28550	LB 12	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28551	LB 13	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28552	LB 14	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28573	LB 35	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28574	LB 36	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28575	LB 37	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28576	LB 38	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28577	LB 39	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28578	LB 40	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28579	LB 41	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28580	LB 42	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28603	LB 65	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28604	LB 66	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28605	LB 67	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28606	LB 68	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28607	LB 69	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28608	LB 70	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28609	LB 71	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28610	LB 72	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28611	LB 73	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28612	LB 74	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28613	LB 75	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28614	LB 76	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28615	LB 77	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$1,600.00
YC28616	LB 78	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$1,600.00
YC28617	LB 79	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$2,200.00
YC28618	LB 80	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$3,000.00
YC28619	LB 81	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$1,600.00
YC28620	LB 82	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$1,600.00
YC28621	LB 83	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28622	LB 84	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28623	LB 85	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28624	LB 86	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28643	LB 105	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		-	
YC28645	LB 107	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		-	
YC28647	LB 109	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		-	
YC28649	LB 111	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28650	LB 112	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28651	LB 113	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28652	LB 114	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28653	LB 115	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28654	LB 116	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2009		4	
YC28655	LB 117	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	
YC28656	LB 118	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	
YC28657	LB 119	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	
YC28658	LB 120	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	
YC28659	LB 121	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	
YC28660	LB 122	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	\$740.00
YC28661	LB 123	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		4	
YC28662	LB 124	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28663	LB 125	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	

Grant No	Claim	No	Registered Claim Owner	RecordingDate	ExpiryDate	NonStdSize	Renewal yrs	Work \$
YC28664	LB	126	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28665	LB	127	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC28666	LB	128	Klondike Gold Corp. - 100%.	09/09/2003	09/03/2010		2	
YC64000	LLIB	1	Klondike Star Mineral Corporation - 100%.	16/07/2008	16/07/2009		4.5	\$1,600.00
YC75501	LLIB	2	Klondike Star Mineral Corporation - 100%.	16/07/2008	16/07/2009		4.5	\$1,600.00
YC75502	LLIB	3	Klondike Star Mineral Corporation - 100%.	16/07/2008	16/07/2009		4.5	\$2,200.00
YC75503	LLIB	4	Klondike Star Mineral Corporation - 100%.	16/07/2008	16/07/2009		4.5	\$2,042.00
YC75504	LLIB	5	Klondike Star Mineral Corporation - 100%.	16/07/2008	16/07/2009		4.5	\$1,600.00
YC75505	LLIB	6	Klondike Star Mineral Corporation - 100%.	16/07/2008	16/07/2009		4.5	\$1,600.00
J.A.E. Project			JAE, TM, SHEBA, SHE, GATA CLAIMS					
YA89006	J.A.E.	1	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	\$6,800.00
YA89007	J.A.E.	2	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2015		4	\$4,500.00
YA89008	J.A.E.	3	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89009	J.A.E.	4	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89010	J.A.E.	5	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89011	J.A.E.	6	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89012	J.A.E.	7	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	\$35,236.00
YA89013	J.A.E.	8	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89014	J.A.E.	9	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89015	J.A.E.	10	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2014		4	
YA89016	J.A.E.	11	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2013		4	
YA89017	J.A.E.	12	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2013		4	
YA89018	J.A.E.	13	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2013		4	
YA89019	J.A.E.	14	J.A.E. Resources Ltd. - 100%.	01/04/1987	01/09/2013		4	
YA89318	J.A.E.	15	J.A.E. Resources Ltd. - 100%.	08/06/1987	01/09/2014		4	
YA89319	J.A.E.	16	J.A.E. Resources Ltd. - 100%.	08/06/1987	01/09/2014		4	
YA89320	J.A.E.	17	J.A.E. Resources Ltd. - 100%.	08/06/1987	01/09/2014		4	\$600.00
YA89321	J.A.E.	18	J.A.E. Resources Ltd. - 100%.	08/06/1987	01/09/2014		4	
YA89322	J.A.E.	19	J.A.E. Resources Ltd. - 100%.	08/06/1987	01/09/2014		4	
YA89719	J.A.E.	20	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89720	J.A.E.	21	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89721	J.A.E.	22	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89722	J.A.E.	23	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89723	J.A.E.	24	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89724	J.A.E.	25	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89725	J.A.E.	26	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YA89726	J.A.E.	27	J.A.E. Resources Ltd. - 100%.	03/08/1987	01/09/2013		4	
YC17893	TM	1	J.A.E. Resources Ltd. - 100%.	31/03/2000	01/09/2014		2	
YC17894	TM	2	J.A.E. Resources Ltd. - 100%.	31/03/2000	01/09/2014		2	
YC36292	Gata	7	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36293	Gata	8	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36294	Gata	9	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36295	Gata	10	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36296	Gata	11	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36297	Gata	12	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36298	Gata	13	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36299	Gata	14	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36300	Gata	15	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36301	Gata	16	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36511	Sheba	1	Klondike Star Mineral Corporation - 100%.	28/09/2005	20/10/2014		2	
YC36512	Sheba	2	Klondike Star Mineral Corporation - 100%.	28/09/2005	20/10/2014		2	
YC36513	Sheba	3	Klondike Star Mineral Corporation - 100%.	28/09/2005	20/10/2014		2	
YC36514	Sheba	4	Klondike Star Mineral Corporation - 100%.	28/09/2005	20/10/2014		2	
YC36515	Sheba	5	Klondike Star Mineral Corporation - 100%.	28/09/2005	20/10/2014		2	
YC36516	Sheba	6	Klondike Star Mineral Corporation - 100%.	28/09/2005	20/10/2014		2	
YC36543	Sheba	7	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36544	Sheba	8	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36545	Sheba	9	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36546	Sheba	10	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36547	Sheba	11	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC44364	Sheba	12	Klondike Star Mineral Corporation - 100%.	09/06/2006	20/10/2015		2	
YC44365	Sheba	13	Klondike Star Mineral Corporation - 100%.	09/06/2006	20/10/2015		2	
YC44606	She	1	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44607	She	2	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44608	She	3	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44609	She	4	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44610	She	5	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44611	She	6	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44612	She	7	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44613	She	8	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015	Full fraction	2	
YC44614	She	9	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44615	She	10	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44616	She	11	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
YC44617	She	12	Klondike Star Mineral Corporation - 100%.	22/06/2006	20/10/2015		2	
Dominion Project at King Solomon Dome			GATA, GOTTA & DOM CLAIMS					
YC36286	Gata	1	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36287	Gata	2	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36288	Gata	3	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36289	Gata	4	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36290	Gata	5	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36291	Gata	6	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36302	Gata	17	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36303	Gata	18	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36304	Gata	19	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36305	Gata	21	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36306	Gata	23	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	

Grant No	Claim	No	Registered Claim Owner	RecordingDate	ExpiryDate	NonStdSize	Renewal yrs	Work \$\$
YC36307	Gata	24	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36325	Gata	42	Klondike Star Mineral Corporation - 100%.	12/08/2005	31/12/2014		2	
YC36539	Gotta	1	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36540	Gotta	2	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36541	Gotta	3	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC36542	Gotta	4	Klondike Star Mineral Corporation - 100%.	20/10/2005	20/10/2015		2	
YC31048	Dom	102	KSL Exploration (Yukon) Limited - 100%.	25/05/2004	25/05/2016		2	
YC31050	Dom	104	KSL Exploration (Yukon) Limited - 100%.	25/05/2004	25/05/2016		2	
YC31052	Dom	106	KSL Exploration (Yukon) Limited - 100%.	25/05/2004	25/05/2016		2	
Dominion Project at Gold Run Creek				FB & AIME CLAIMS				
YC25506	FB 1		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2012		1	
YC25507	FB 2		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2012		1	\$800.00
YC25508	FB 3		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2012		1	
YC25509	FB 4		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2012		1	
YC25510	FB 5		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2012		1	\$2,200.00
YC25511	FB 6		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2012		1	\$2,200.00
YC25512	FB 7		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	\$750.00
YC25513	FB 8		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25514	FB 9		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25515	FB 10		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25516	FB 11		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25517	FB 12		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25518	FB 13		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25519	FB 14		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25520	FB 15		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25521	FB 16		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25522	FB 17		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25523	FB 18		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25524	FB 19		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25525	FB 20		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25526	FB Fr 21		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008	Full fraction	2	
YC25527	FB 22		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25528	FB 23		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25529	FB 24		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25530	FB 25		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25531	FB 26		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25532	FB 27		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25533	FB 28		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25534	FB 29		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25535	FB 30		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25536	FB 31		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25537	FB 32		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25538	FB 33		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25539	FB 34		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25540	FB 35		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25541	FB 36		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25542	FB 37		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25543	FB 38		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25544	FB 39		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25545	FB 40		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25546	FB 41		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25547	FB 42		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25548	FB 43		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25549	FB 44		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25550	FB 45		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25551	FB 46		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25552	FB 47		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25553	FB 48		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25554	FB 49		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25555	FB 50		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25556	FB 51		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25557	FB 52		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25558	FB 53		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25559	FB 54		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25560	FB 55		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25561	FB 56		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25562	FB 57		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25563	FB 58		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25564	FB 59		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC25565	FB 60		Klondike Gold Corp. - 100%.	09/10/2003	09/10/2008		2	
YC44707	Aime 1		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	
YC44708	Aime 2		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	
YC44709	Aime 3		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	
YC44710	Aime 4		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	\$800.00
YC44711	Aime 5		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	\$900.00
YC44712	Aime 6		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	
YC44713	Aime 7		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	\$800.00
YC44714	Aime 8		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		1	
YC44715	Aime 9		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		-	\$2,000.00
YC44716	Aime 10		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		-	\$2,100.00
YC44718	Aime 12		Klondike Star Mineral Corporation - 100%.	11/08/2006	08/02/2011		-	
TOTALS: 248 claims							632	\$89,268.00

3. ACCESSIBILITY, CLIMATE, INFRASTRUCTURE AND PHYSIOGRAPHY

The Klondike region consists of rugged topography of rounded hills and V-section valleys since this region was not recently glaciated (Nelson and Jackson, 2003). The hills have therefore a more subdued profile than the eastern Yukon, with cliffs being only prominent along the Yukon River valley. Weathering of the region has had a lengthy history, resulting in few natural fresh rock exposures.

Dawson City is on the Yukon River at 1050' (320m) elevation and the highest region adjacent to the claims, King Solomon Dome, is at 4032' (1229m). The region surrounding the claims has been historically denuded of large timber by cutting to either supply mines and fuel boilers or by forest fires and is now covered by regrowth of spruce, poplar, birch and alder. Only the very highest ridges are covered by dwarf willow & birch ("buckbrush").

The Klondike Gold Fields have been the target of prospectors and placer gold miners since 1896. The region therefore, is very accessible by road and trail. Dawson City is approximately 480 km from Whitehorse along the Klondike Highway which is now a completely sealed two-lane road. A 5000'x100' gravel surface lighted Yukon Government airfield at 1214' (370m) elevation is located in the Klondike River valley. Dawson is served by a scheduled service of twin-engined turboprop aircraft from Whitehorse and by highway there is a regular freight service. Dawson City offers normal town facilities such as hotels, restaurants, grocery, clothing and hardware stores, engineering supplies and two bulk fuel depots.

The major tributary valleys (Bonanza and Hunker Creeks) have summer maintained graded gravel roads linking with the Klondike Highway that follows the river. The JAE claim block is predominantly to the north of the road that links Hunker Summit-Eldorado Dome-Bonanza and has adequate vehicular access in summer. Mining trails provide access to the WIN claims, the Quartz Creek road and placer mine trails give access to the LB-LLIB claims and the Gold Run road to the placer workings off the Sulphur-Dominion loop divides the Aime/FB claims.

The climate is sub-arctic, with a normally low annual precipitation (the 2008 summer was a notably wet season). The workable summer season extends from late May

until mid October, by which time nightly temperatures are below freezing and there are a few centimeters of snow remaining on the ground. Winter temperatures may drop to at least -40°C for up to six weeks in January and February, although during the five years to 2007 there were generally more milder winters. The December 2008-January 2009 season saw a return to the traditional winter of sustained low temperatures below -40°C. Summer rainfall is highly variable and unpredictable, with some years being sufficiently dry to cause water supply problems for placer mining operations. The Klondike Star base camp is situated on the opposite side of the Eldorado Creek valley to the Eldorado airstrip. Water supply is trucked 1km from an excellent spring higher up the valley and this source has also been used for drinking water at the JAE camp. The JAE camp is situated on the knoll 500m to the SE of the road junction into the JAE claim block and relies on water trucked from Eldorado.

4. HISTORY OF THE QUARTZ CLAIMS

The first claims over the Mitchell-Sheba prospects were staked in 1900. Surface hand-excavation prospecting continued until 1911, when the Mitchell shaft was sunk. Small, high grade mineralization in Ag and Cu with low grade gold was discovered, but no major production is recorded. The property was subsequently re-staked in various reincarnations through to the present JAE claim block, with surface excavations being dug to investigate quartz vein exposures. The property was optioned by Klondike Star Mineral Corp. in 2006 from JAE Resources Ltd. and initial prospecting by backhoe trenching and bulk sampling commenced during that summer. The Win, LB-LLIB, Aime and FB claims are 'grassroots' hard-rock exploration properties staked by Klondike Star Mineral Corporation, although there are early 'dozer excavations on the LB claims about which we have no documentation.

5. GEOLOGICAL SETTING

Yukon-Tanana Terrane

The Hunker Dome region is underlain by the Klondike Schist, which is correlated

with units of the Yukon-Tanana terrane which extends from Alaska to the southern Yukon and B.C. The terrane is now considered to be those Devonian-Mississippian strata of continental affinity which are overlain by volcanic arc successions that include backarc and island arc tectonic settings (e.g.: Colpron, 2001; Piercey et al., 1999; Murphy, 2004). These units are polydeformed and, over a regional scale, show a range of metamorphic grade from lower greenschist to amphibolite facies (e.g., Mortensen et al., 1992; Roots et al., 2003). Structural styles are consistent with deformation during east to northeastward directed accretion and crustal shortening.

Regional Geology

The northwestern Klondike area is underlain by three recognisable thrust fault bounded assemblages (Rushton et al., 1993) that constitute the mid Permian Klondike Schist. These are: Assemblage III of carbonaceous quartz-muscovite phyllite, schist and marble that crops out SW of the Indian River and also to the NE of Hunker Creek. Structurally above is Assemblage II of micaceous and chloritic quartzite, feldspathic quartzite, marble and calcareous schists which is intruded by the Mt. Burnham orthogneiss, found in the east of the Klondike. Assemblage I consists of three units: quartz augen schist; the Sulphur Creek orthogneiss; and intercalated chloritic schist, metagabbro, amphibolite, quartzite and felsic schist. The Sulphur Creek orthogneiss and the latter sequence are found in the Eldorado-Bonanza area. Mafic schists which are one thrust slice of Assemblage I are contained in the thrust slice that underlies the JAE property (MacKenzie et al., 2007). In the immediate claim block area the lower boundary of the King Solomon Dome mafic (chloritic) schist unit PSc passes through the saddle north of the JAE camp i.e., approximately {602700E, 7084800N}. There the thrust is marked by serpentinite, soapstone and coarse actinolite exposed in an old dozer trench. The LB & LLIB claims are within a mixed chloritic to quite mafic schist sequence that is mapped as unit PSc (“medium to dark green chlorite quartz muscovite schist” in Mortensen (1996). The Win claims are within predominantly felsic schist (Unit PSq, “tan weathering muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist”) that correlates with the Lone Star thrust sheet. A further thrust faulted contact is exposed in Gold Run Creek, which passes above (to the NE of the historical Aime property: the

Deb claims) and crosses Gold Run Creek at the FB1 claim, where serpentinite is exposed in a small quarry cut made to provide fill for the placer tailings dam. This years work (soil sampling) was contained within the western (presumably upper) plate of the thrust.

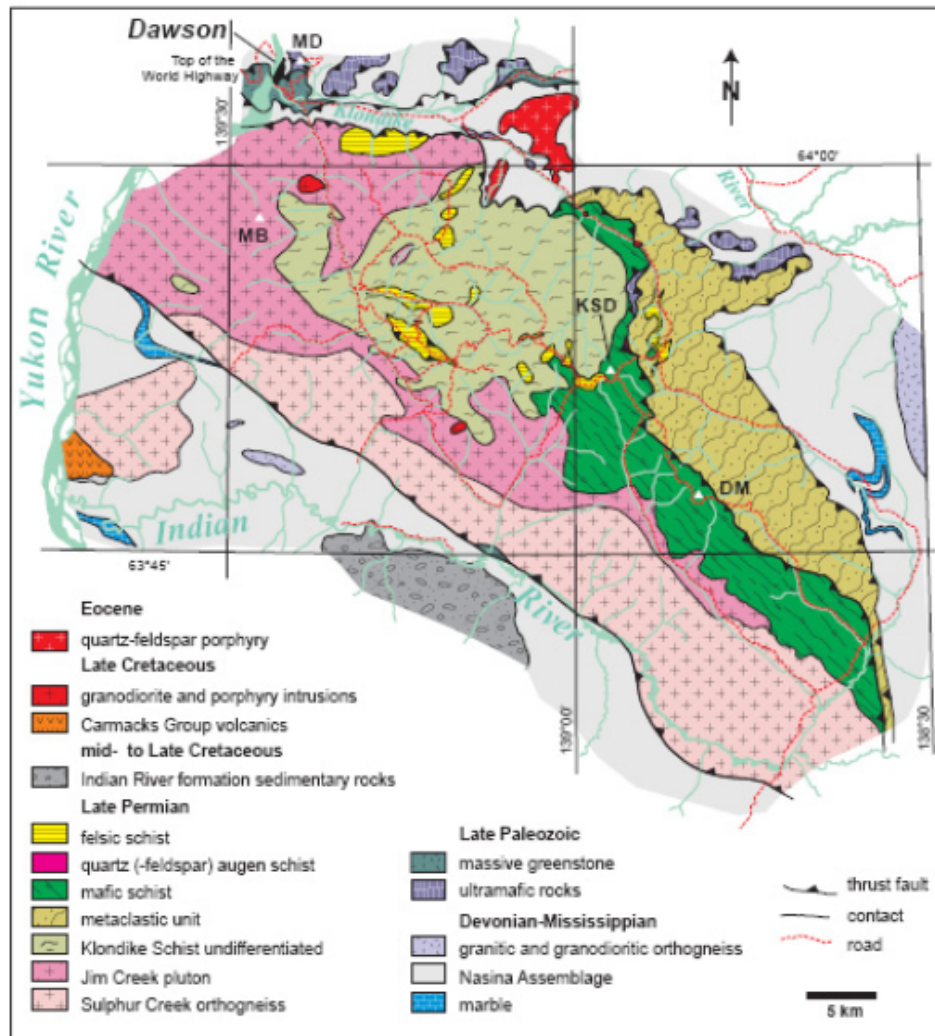


Figure 2. Geological map of the Klondike District. KSD = King Solomon Dome; MD = Midnight Dome; DM = Dominion Mountain; MB = Mount Bronson.

From MacKenzie et al., 2007

Structural Geology

The Klondike Schist is a L-S tectonite. Four phases of deformation (D_1 - D_4) can be attributed to progressive fabric development. Not all the deformation phases are observed at any one locality.

The first phase of deformation consisted of ductile completely isoclinal folding. Only rare cm-scale rootless fold hinges may be observed. The F_1 folding transposed original bedding into parallelism with axial planar foliation such that F_1 fold hinges are rarely seen.

The second phase of deformation (D_2) was also characterized by ductile, isoclinal folding (F_2) of already transposed bedding (S_1) and development of a penetrative axial planar foliation (S_2). F_2 folds in the Klondike are often seen as dm-scale isoclinal closures, often E to NE vergent. This stage was accompanied by intense transposition of lithologic layering (S_1) with metamorphic / segregation veins (V_1) developed parallel to (S_2) (foliaform veins). The majority of primary structures such as bedding have been obliterated as they were flattened and transposed by early-generation folding (D_1 to D_2).

The third phase of deformation (D_3) folds S_2 with generally tight-similar style folds with NW trend. F_3 crenulations developed in the fold hinges define an L_3 lineation. A penetrative axial planar foliation (S_3) is occasionally developed. F_3 folding of metamorphic segregation veins has produced rootless fold hinges that outline S_3 (intrafolial folds). Regional scale thrust faulting has been considered to be coincident with the third deformation (showing styles consistent with it having been produced near the brittle-ductile transition) and is considered to be late Triassic in Rushton et al., (1993), but possibly Jurassic by MacKenzie et al. (2007).

Phase 4 deformation (D_4) is conjugate angular kink folds and possible macroscopic warping (km-scale) of the penetrative foliation. This produced pervasive folding and complex refolded folds. Fold styles range from tight similar to chevron folds and broad open folds. Regionally F_4 fold axes are often at a high angle to F_3 fold axes and may appear as two conjugate sets: N to NE and E to SE. F_4 crenulations define an L_4 lineation.

In general, fold style appears to be lithologically controlled. For example, the more incompetent mica rich units are more obviously folded with S_3 crenulation cleavage

developed. The cleavage is either spaced on the cm scale or becomes the dominant fabric. The summary of the various fault-bounded assemblages in the Klondike and structural events is taken from MacKenzie et al. (2007) and presented in Tables 2 and 3:

Table 2: Summary comparison of thrust slices (in relative structural order) in the Klondike area relevant to gold exploration (based on field observations and discussions with Jim Mortensen).

Thrust slice	Rocks	Metamorphic grade	Textural reconstitution	Metamorphic structures	Late metamorphic folds
Klondike Schist (may include 2-3 slices)	Micaceous schist, quartzofeldspathic schist	Upper greenschist facies (biotite zone)	Pervasive recrystallisation, coarse metamorphic grain size	Pervasive coarse mica foliation, strong metamorphic segregation,	Common, spaced micaceous cleavage, abundant mica recrystallisation
Nasina Schist	Dark (graphitic?) micaceous schist	Middle greenschist facies	Pervasive recrystallisation, fine metamorphic grain size	Pervasive slaty foliation, weak metamorphic segregation	Common, spaced fracture cleavage, minimal mica recrystallisation
Greenstones	Metabasic rocks	Lower greenschist facies	Variable recrystallisation, fine metamorphic grain size	Minor foliation development	None?

Table 3: Summary of principal structural events relevant to the structure of hydrothermal gold deposits rocks (shown from oldest, bottom, to youngest, top) that affect the Klondike Schist, as compiled in this study. *Age of events is deduced from regional considerations, through discussions with Jim Mortensen.

Event	Designation in Klondike Schist	Main feature	Orientation	Mineralisation	Deformation	Age*
Normal fault	Normal fault	Gouge zones	NW to N	Pyrite in silicified schist	Regional extension	Cretaceous?
Mesothermal veins	Discordant quartz veins	Massive quartz veins	Variable, often NW	Au, pyrite, other sulphides	Local extension	?
Kink folds	F ₄	Angular folds, faults, shears	Two orthogonal, N to NE; E to SE		Compression	?
Thrust	S thrust	Thrust shears	Low dip		Compression	Jurassic?
Late metamorphic folds	S ₃	Recumbent folds, spaced cleavage	Variable		Compression	Permian?
Pervasive foliation	S ₂	Foliation, isoclinal folds	Variable		Compression	Permian?
First foliation	S ₁	Foliation, segregations	Variable		Compression	Permian?
Deposition	S ₀	Bedding etc	Not seen	Sulphides in some rocks		Permian?

Quartz Vein System of the Klondike and Mineralization

Two types of quartz vein are common in the Klondike:

- a) foliaform veins that are typically concordant with transposed bedding (S_2) and which may be up to metres thick, but which are usually lenticular. These are almost ubiquitously barren of gold and,
- b) discordant veins that carry sulphide mineralization (pyrite, with minor galena, chalcopyrite and tetrahedrite) and visible gold which is both commonly contained in selvages of pyrite (or after weathering, pseudomorphs of goethite/limonite) and as free gold grains in the white quartz. The discordant veins are rarely up to 2-3m thick and can persist for hundreds of metres strike length. Some spectacular gold grades are reported from this vein type (Rushton et al., 1993). Those authors date Sheba prospect (Mitchell: Minfile 068) vein formation at early Cretaceous which was a time of lull in magmatic activity (Armstrong, 1988) but of crustal thickening and rapid uplift. These discordant veins would post-date D_4 . Concordant veins are clearly older since some may be observed to have been folded by D_4 structures. The model of mesothermal-type vein formation as proposed by Rushton et al. (1993), considers the SE part of Klondike to be a deeper level in the system than Bonanza and that the Hunker Dome region would have been mineralized as ascending meteoric / metamorphic CO_2 - bearing fluids reached a level sufficient for the exsolved CO_2 gas to have effervesced.

Recent work (J.K. Mortensen, pers. comm.) favours a model for vein formation as secondary structures developed between near horizontal extensional floor and roof faults during the process of rapid early Cretaceous uplift, analogous to formation of detachment faults above metamorphic core complexes.

Base metal and gold mineralization in the Klondike Schist is likely to have been emplaced during several events. There is evidence for VMS type mineralization at Lone Star (J.K. Mortensen, pers. comm.) and a horizon of sulphide mineralized schist has been investigated during the 2008 season in the Quartz Creek area (LB claims, this report). Pyrite that predates and postdates the D_3 deformation has been commonly observed. The association of sulphides, sulphosalts and free gold with discordant quartz vein formation is well demonstrated on the JAE claims.

6. PREVIOUS WORK

The JAE property has been prospected since 1900. Initial work was by hand trenching, then in 1911 once the claim holdings had been consolidated by Mrs. Mitchell, a shaft was sunk to approximately 25m and one level was developed. No major production resulted. The underground workings were revisited by the Yukon Consolidated Gold Corporation in 1953, who reported copper mineralization but the property was not brought into production. The Orekon Vein was discovered in 1966 and bulk samples taken and shipped to the smelter, yielding some impressive Ag values (but this likely represented hand-sorted ore). Since 1980, sporadic geochemical and geophysical surveys were performed in the region by Cominco, the JAE syndicate and various Hughes-Lang companies. During 1980-81 Lindex exploration Limited resampled many of the rock exposures (Assessment report 091384). Work by the JAE Syndicate in 1988 consisted of surface stripping and sampling immediately north of the Mitchell shaft and stripping with drilling of three percussion drill holes at the Sheba showing. One bulk sample was shipped to the smelter. That drilling encountered a maximum gold grade of 0.005 oz/ton (g/t) in the immediate hanging wall of the silver and lead rich Sheba vein in hole 2 (Hulstein, 1988). Barramundi Gold Ltd. optioned the property in 1996 and carried out extensive stream sediment sampling over the whole region plus grid soil sampling over the JAE claim block (five assessment reports filed under number 093711). The soil geochemistry outlined the Sheba and Mitchell showings as separate anomalies in Au and Pb in particular, with indication of a separate source 150m to the west of the Mitchell-Sheba trend. The latter anomaly could result from dispersion downslope from the mineralization encountered by the present bucket sampling programme (07-SF-12 and 07-FV-5). None of those previous exploration programmes since that reported by Hulstein (1988) attempted drilling on the JAE property.

The WIN claim block is crossed by a road that was cut to provide access to placer workings in the valley below. Two bulldozer trenches were cut on the main ridge (see NE corner of Fig. 11), probably during the 1980s, but no record of the work is at hand. An old surveyed claim is shown in this area ("Alberta"), though no workings were observed.

The LB-LLIB claims have obviously received some past hard-rock prospecting as

four bulldozer trenches and one long stripped trail down the ridge of 1980s vintage are evident. It is believed that this prospecting was carried out by Wayne Hawkes, but no record exists in the Minfile.

The Aime-FB claims surround the historical Aime property (now the four Deb claims). The historical Aime workings consist of two adits and several shallow shafts that were sunk to intersect quartz veins that contain occasional visible gold. No exploration has been performed by the present owner. It is important to note that the Deb claims are not accurately plotted on the government claim maps, and were located by GPS roughly 240m southwest of the plotted locations. Claim posts were found at : 615502, 7068288 and 615067, 7068143. The southwesternmost posts appear to have been destroyed by placer mining, however a blade-up dozer trail leads along the correct azimuth to the edge of the placer waste push. The northeastern pair of posts were found on the ground, stood up and wired to a tree, and flagged.

The historical Kentucky Lode shafts, pits and workings are located immediately to the north of the FB claims, and extend in part onto the FB. Bernie Kreft recently conducted excavator trenching in the area just beyond the FB claims. The Gold Run Creek valley is currently being mined for placer gold in two moderate-sized operations.

7. DEPOSIT TYPES

The complex structural history of the various assemblages in the Klondike allow the possibility of several sources for gold mineralization. A detailed discussion is given in Liverton (2008). The significant models for mineralization relevant to this report are a syngenetic source i.e., stratiform (VMS) type and orogenic gold associated with the quartz veins. Early work on the Lone Star deposit (Mortensen, pers. comm.) indicated that some VMS type mineralization was recognizable and the present work on the LB-LLIB claims has delineated a sulphide mineralized horizon within the schists that carries anomalous gold at its upper and lower contacts. The orogenic vein mineralization associated with D₄ deformation is clear at the JAE property.

8. GOLD MINERALIZATION

The 2006-8 exploration programmes have revealed visible gold at the JAE claims in discordant quartz vein systems, notably the Mitchell-Sheba system. Other parallel veins systems (e.g., the Orekon Vein) have been exposed in past work. The gold may have had a comparatively local source (a syngenetic origin in the protolith volcanic sequence) or may have been transported along major fault systems and their secondary structures from either or both of deeper metamorphic or magmatic sources. In the case of the Hunker-King Solomon Dome region Mortensen (pers. comm., 2007) suggests that the felsic (i.e. meta- acid volcanic) thrust sheet underlying the mafic schist of the JAE region might have been a local source for gold that had been transported by metamorphic fluids upward into the quartz vein systems and then deposited in the chloritic schists, which are likely to be a reactive host rock. This model would explain the close spatial association of gold with the quartz vein systems – gold grades in schist between veins are detectable but below 0.5 g/T.

The anomalous gold at Quartz Creek (0.08 g/T) at the lower contact of a mapped mafic schist unit is indication of possible stratiform mineralization accompanying the obvious pyrite in this horizon. A multi-element coincident soil anomaly adds further evidence for this interpretation.

At the WIN claims the soil samples with clearly anomalous Au-Ag-Pb define a trend that is more likely to represent a discordant vein system.

At Gold Run creek (FB & Aime claims) the anomalous gold in soil is not accompanied by any apparent pathfinder elements. In this regard it may be similar to the Lone Star zone at Eldorado creek.

9. EXPLORATION

The 2008 field work program was conducted in four main areas: JAE, WIN, LB-LLIB, and FB- Aime. Minor work was conducted at Eldorado creek, but not filed for assessment. A total of 225 soil samples were collected, 113 from the LB- LLIB area, 88 from the FB- Aime area, and 24 from the WIN area. The soil sample descriptions are presented in Appendix 2, and soil analytical results in Appendix 3.

113 rock samples were collected, and descriptions and gold fire assay analyses are presented in Tables 4- 6. Most rock samples (84) are measured chip samples from trenches at JAE and LB, with grab samples (17) from a variety of locations, and a few large “bucket” samples (12). Certain rock samples were also analyzed by multi-element ICP, and these results are presented in Appendix 4.

2007 JAE DRILLING

Percussion drilling performed in September, 2007 and filed for assessment purposes with the work reported here, was previously described and documented in the JAE assessment report by Liverton (2008). The drilling intersected a broad zone of anomalous gold mineralization in a southerly section across the Sheba structure.

2008 JAE GEOLOGY AND EXPLORATION

During the 2008 season work on the JAE property was limited to detailed geological mapping of exposures that had not been covered in the previous season, re-mapping of the historical ‘long trench’ to obtain further structural detail and sampling of the 2008 trenches that had not been covered during the 2008 work. The 1:5000 and 1:2000 scale geological maps presented in the 2007 report have been updated (Figs. 3 & 4).

Geological mapping on the JAE claims is entirely limited to examination of artificial rock exposures, mostly in trenches. Two of the historical trenches provide a good cross-section of the eastern side of the main ridge – the ‘long trench’ in three sections centred between the trail to the Orekon showing and the easternmost road and the old trench extending eastward from the Mitchell area, the western part of which was deepened and extended during 2007 (07-Tr-03). The ‘long trench’ has been remapped during the 2008 season to provide detailed structural data.

‘T-JUNCTION TRENCH’ {600750E, 7085300N}

The two historical trenches in this region were mapped. Exposed quartz veins in these exposures had been sampled during the 2007 season as bucket-scale samples 07-FV-05 and 07-SF-12, yielding an assay of 4.05 g/T for the southern of the two. The

detailed mapping indicates that there is an offset of the vein between the two trenches (Fig. 5). An observed fault plane by sample locality 07-SF-12 shows slickensides that plunge at 16 degrees to the ESE, indicating a largely strike-slip component of movement. Float of quartz to the north of the trench exposure may be displaced by the bulldozing, in which case a dextral strike-slip on this fault would explain the offset.

LONG TRENCH – TRAVERSE ACROSS SEQUENCE

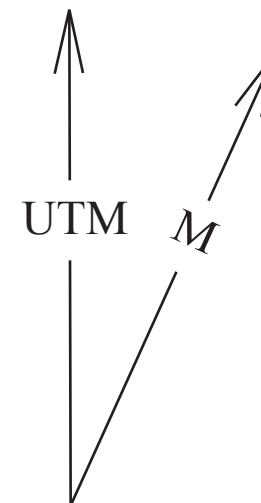
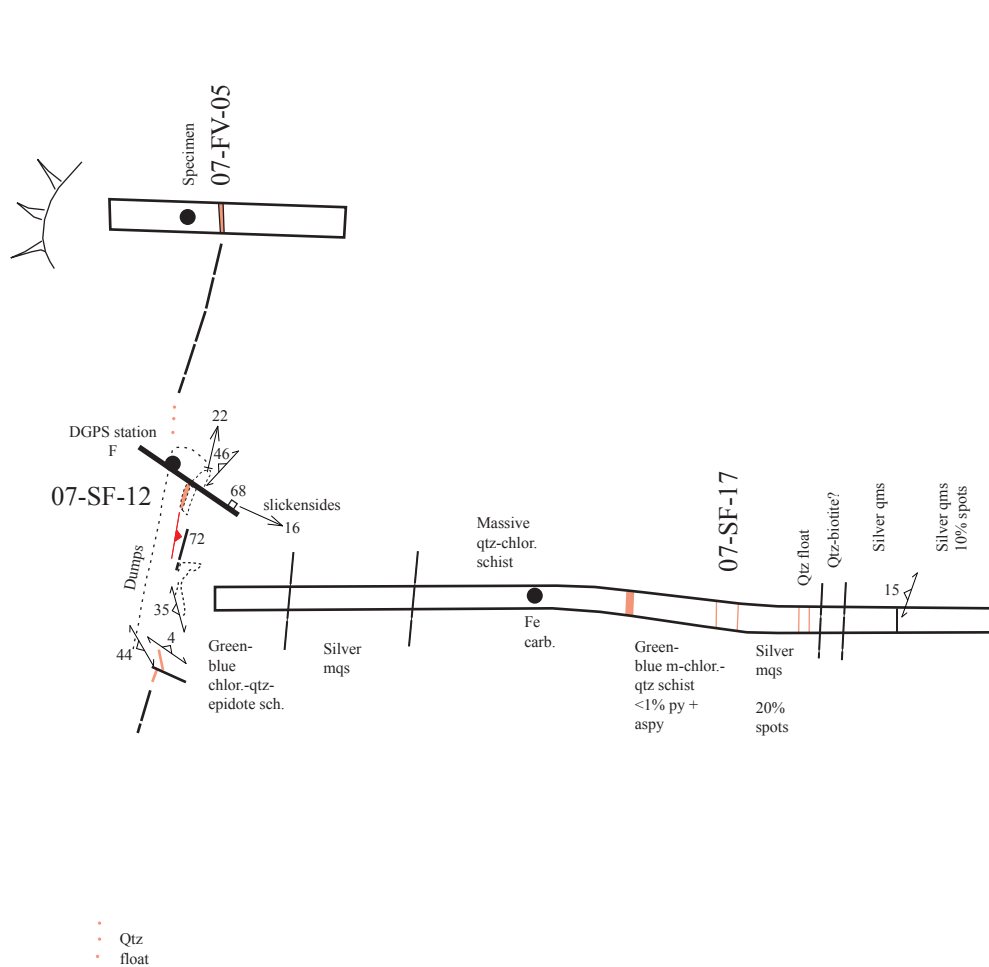
In the upper (west) and central portions of the historical ‘long trench’ the S_2 foliation is gently dipping and varies over 5 to 10 metres horizontally from a SW dip to SSW-SSE dip direction (fig.6). L_3 is fairly consistently SSE to SSW plunging from 6-18°. L_4 plunges mainly SW from 11-18°. The alternation of dip directions of S_2 might reflect chevron-style folding on a wavelength of 10-20m. Exposures, being virtually one dimensional are not sufficient to confirm this. Isoclinal, often intrafolial F_2 folds are also commonly observed. Axes of these folds plunge from NW to SW at up to 17°.

A bucket sample was taken from the quartz vein pair at the central part of the upper section of the trench (08-TL-01 & 02). Assay results were not encouraging, with a maximum value of 0.30 g/t gold [Table 5.].

TRENCH EAST FROM MITCHELL

In the historical long trench that is the east extension of 07-Tr-03, F_3 and F_4 folds have similar N-S to NNW-SSE azimuths for their axes and plunges only vary by 20° or so from being coaxial. S_2 Layering dips consistently westerly from 24-42°. These two trenches provide a cross section over much of the sequence to the east side of the main ridge, and represent the northern limits of modern exploration on the property.

The best rock assay from the 2008 exploration program was from a bucket sample collected in 2007, but analyzed in 2008, sample 07-FV-3 (assay tag 385038). This sample was collected from the trench about 140m east of the Mitchell trend. The sample included a 2 cm thick rusty quartz vein and selvage, east-dipping (Liverton, 2008, Table 5.). This gold vein has not been followed up along trend.



- S₂
- L₃ (F₃ crenulation)
- S₃ (F₃ axial planes)
- L₄ (F₄ fold axes)
- Attitude of quartz vein

10m

T - JUNCTION TRENCH WEST SIDE
1: 1000 Figure 5.

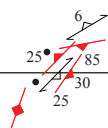
7089,000N

• Qtz float

75 70cm vein
23

Dots indicate
pit location

50, 70 & 28cm veins



S₂

L₃ (F₃ crenulation)

S₃ (F₃ axial planes)

L₄ (F₄ fold axes)

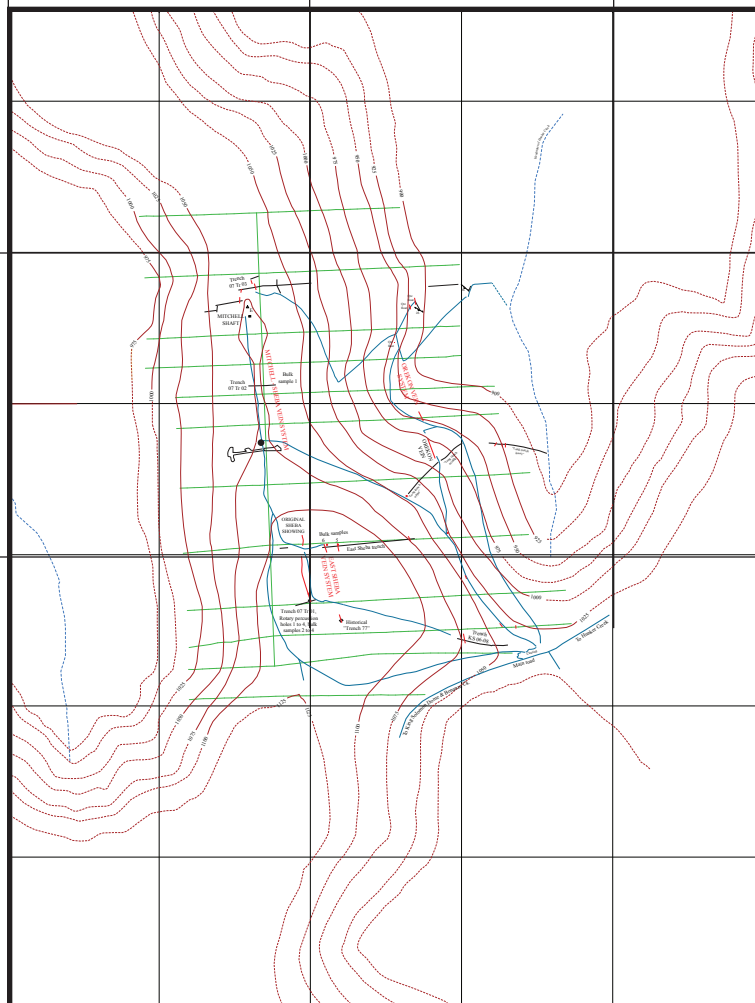
Attitude of quartz vein

7087,000N

600,000E

7085,000N

Area covered by 1:5000 scale map



JAE CLAIMS QUARTZ VEINS IN PROSPECTOR PITS TO NORTH

Scale = 1: 25,000

T. Liverton, August 2008
Figure 7.

Table 4. 2008 Bucket Samples

FIELD IDENT.	SAMPLE #	AREA	UTM E	UTM N	WEIGHT	MATERIAL, etc.	NOTE	Au (g/t)
08-TL-01	385032	JAE	601382	7085265	13.5kg	Qtz vein + 15cm horse of schist	Vein 309/71E mag. Sample 62.4-63.4m	0.30
08-TL-02	385033	JAE	601382	7085265	12.7kg	Both selvedges	62.2-62.4m & 63.4-63.7m from Orekon road	<0.03
Erich placer wkg upper	385034	ELDORADO	584725	7084606	8.0kg			0.03
Erich placer wkg smaller	385035	ELDORADO	584725	7084606	7.2kg			0.32
Spot schist Mitchell	385036	JAE	600718	7085814	2.7kg	Coords for centre of sample	See 1: 2000 scale map	0.22
07-FV-1	385037	JAE 07-TR-01	601009.8	7084843.5	8.2kg			0.03
07-FV-3	385038	JAE	600917	7085882	7.5kg			13.21
07-SH-1	385039	JAE 07-TR-01	601010.4	7084843.7	8.6kg			<0.03
C-trench 1	385040	JAE 07-TR-01	601020.5	7084846.6	4.7kg		Trench 07-Tr-01	0.15
C-trench 2	385041	JAE 07-TR-01	601017.6	7084845.6	4.6kg		Trench 07-Tr-01	0.09
C-trench 3	385042	JAE 07-TR-01	601012.8	7084844.2	7.6kg		Trench 07-Tr-01	0.49
C-trench 4	385043	JAE 07-TR-01	601009.8	7084843.5	9.8kg	Centre of 1m sample	Trench 07-Tr-01	0.80

Table 5. 2008 Trench Chip Sample Summary with Gold Values

project	Date	Location	Sample #	UTM E	UTM N	From	To	Sample Description	Au (g/t)
J.A.E.	09-Jul-08	07-Tr-3	69201			4	6	first 4m slumped, N/S. Sampled E-W on south wall.	<0.03
J.A.E.	09-Jul-08	07-Tr-3	69202			6	8		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69203			8	10		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69204			10	12		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69205			12	14		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69206			14	16		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69207			16	18		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69208			18	20	19.7m, 2cm blk chl/qtz vein in coarsely cryst. epid. rich qms.	<0.03
J.A.E.	09-Jul-08	07-Tr-3	69209			20	22		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69210			22	24		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69211			24	26		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69212			26	28		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69213			28	30		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69214			30	32		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69215			32	34		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69216			34	36		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69217			36	38		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69218			38	40		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69219			40	42		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69220			42	44		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69221			44	46		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69222			46	48		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69223			48	50		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69224			50	52		<0.03
J.A.E.	09-Jul-08	07-Tr-3	69225			52	54	end trench.	<0.03
J.A.E.	09-Jul-08	07-Tr-2	69226			0	2	Sampled W-E on north wall	<0.03
J.A.E.	09-Jul-08	07-Tr-2	69227			2	4		<0.03
J.A.E.	09-Jul-08	07-Tr-2	69228			4	6		0.03
J.A.E.	09-Jul-08	07-Tr-2	69229			6	8		0.03
J.A.E.	09-Jul-08	07-Tr-2	69230			8	10		<0.03
J.A.E.	09-Jul-08	07-Tr-2	69231			10	12		<0.03
J.A.E.	09-Jul-08	07-Tr-2	69232			12	14		<0.03
J.A.E.	09-Jul-08	07-Tr-2	69233			14	16	road interrupts trench for 10m. Samples resume @26m	<0.03
J.A.E.	10-Jul-08	07-Tr-2	69234			26	28		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69235			28	30		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69236			30	32		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69237			32	34		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69238			34	36		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69239			36	38		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69240			38	40		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69241			40	42		0.05
J.A.E.	10-Jul-08	07-Tr-2	69242			42	44		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69243			44	46		<0.03

project	Date	Location	Sample #	UTM E	UTM N	From	To	Sample Description	Au (g/t)
J.A.E.	10-Jul-08	07-Tr-2	69244			46	48		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69245			48	50		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69246			50	52		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69247			52	54		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69248			54	56	sample 69249 is a grab of qtz veins from this interval	0.05
J.A.E.	10-Jul-08	07-Tr-2	69249					grab	0.25
J.A.E.	10-Jul-08	07-Tr-2	69250			56	58		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69251			58	60		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69252			60	62	slump on north wall, sampled from south wall	<0.03
J.A.E.	10-Jul-08	07-Tr-2	69253			62	64	slump on north wall, sampled from south wall	<0.03
J.A.E.	10-Jul-08	07-Tr-2	69254			64	66		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69255			66	68		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69256			68	70		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69257			70	72		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69258			72	74		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69259			74	76		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69260			76	78	grab of qtz vein on opposite wall sample 69266	<0.03
J.A.E.	10-Jul-08	07-Tr-2	69261			78	80		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69262			80	82		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69263			82	84		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69264			84	86		<0.03
J.A.E.	10-Jul-08	07-Tr-2	69265			86	88	end trench.	<0.03
J.A.E.	10-Jul-08	07-Tr-2	69266					50cm sample of qtz vein on opposite face of interval 69260	0.09
LB	03-Aug-08	old tr #1	385013	596488	7079465	0	1		<0.03
			385014			1	1.25		<0.03
			385015			1.25	2.25		<0.03
LB	03-Aug-08	old tr #2	385016	596567	7079376	13.5	16		<0.03
			385017			20	22		0.04
			385018			22	24		0.08
			385019			24	26		0.04
			385020			26	28		0.05
			385021			28	30		<0.03
LB	03-Aug-08	old tr #3	385022	596617	7079532	5	7		<0.03
			385023			7	9		<0.03
			385024			9	11		<0.03
			385025			11	13		<0.03
			385026			13	15		<0.03
			385027			15	17		<0.03
			385028			17	19		<0.03
			385029			19	21		<0.03
			385030			21	23		<0.03

Table 6. 2008 Rock Grab Samples

project	Date	Location Description	Sample #	UTM E	UTM N	Sample Description	Au (g/t)
lonestar	08-Jul-08	WIN 75	385001	594933	7083874		<0.03
lonestar	08-Jul-08	WIN cl.	385002	594699	7083844	Rusty angular clasts poorly sorted, bound by iron rich sediment, created in-situ, suggests high py source leaching nearby.	<0.03
lonestar	08-Jul-08	WIN cl.	385003	594733	7083641		<0.03
lonestar	08-Jul-08	WIN cl.	385004	594645	7083643	schist outcrop between switchbacks	0.12
lonestar	08-Jul-08	WIN cl.	385005	594619	7083634	float, assorted QMS and qtz vein. Top of switchback	<0.03
lonestar	08-Jul-08	WIN cl.	385006	594866	7083851	boulder QMS with 1cm discordant qtz vein	<0.03
lonestar	08-Jul-08	WIN cl.	385007	595066	7083745	boulder with 6 parallel rusty fractures	<0.03
J.A.E.	09-Jul-08	07-Tr-2	69249			60-70cm qtz vein. 54.5-55.3m, corresponds to interval 69248.	0.25
J.A.E.	10-Jul-08	07-Tr-2	69266			50cm sample of qtz vein on opposite face of interval 69260.	0.09
lonestar	11-Jul-08	WIN 72-75	385008	594249	7083872	QM schist w/ 5mm discordant white QVs, rusty selvedge. Boulder train.	<0.03
lonestar	21-Jul-08	LB 78	385009	596328	7079348		0.03
lonestar	21-Jul-08	LB	385010	596210	7079662		<0.03
lonestar	02-Aug-08	LB	385011	596658	7079712	south pit of two dug on old trail	0.04
lonestar	02-Aug-08	LB	385012			4.5m NE of sample 385011, in second pit dug on old trail	0.03
lonestar	16-Aug-08	WIN	385031	594723	7084465	qtz vein from rare outcrop on ridgetop.	<0.03
Dominion	13-Aug-08	Aime	380901	614640	7068100	dozer trench exposes white, rusty quartz vein (foliaform?) subcrop over 10 x 10m area - near Gold Run creek	0.31
Lone Star	14-Aug-08	LLIB	380902	596006	7078540	quartz vein float in old dozer trench near south edge of LLIB claims. White and grey Q, multiphase vein, with tr. Malachite	<0.03

MAPPING TO NORTH OF THE JAE CLAIMS:

Quartz veins in historical excavations at the north limit of the JAE grid were mapped (1:2000 and 5000 scale sheets, Figs. 3, 4). There the veins have a NE strike. A further 1.5 and 2.5 km to the north, beyond the limits of the company claims, old prospector pits (Fig. 7) expose veins that strike from NE to ENE, with dips in both NW and SE directions. It was hoped to find evidence for continuation of the northerly trend of the Mitchell system, but no sign of this trend was found in the limited rock exposure.

LITHOLOGIES

The crest of the main ridge from Sheba and Sheba East to the Mitchell area shows outcrop of distinctly mafic chlorite-amphibole-muscovite-quartz-feldspar schist. The east side of the ridge displays increasingly more mica-rich schist away from that central zone. Since dips of S_2 are fairly consistently to the west over the property it is likely that the scale of folding by F_3 and F_4 is of no greater magnitude than ten metres amplitude. The mafic unit is therefore interpreted to have a sheet dip to the west.

The least-altered mafic schist (specimens K169 to 175) on the property is displayed in the deepened historical trench designated as 07-Tr-03. Some carbonate and very slight sericite alteration is present in two of the samples. Epidote, chlorite, some muscovite, quartz and feldspar are present in varying quantities in this suite of specimens. Euhedral bluish tremolite-actinolite is also found in the more mafic specimens. The 'fresh' prismatic amphibole is contained in chlorite layers and generally follows the strong S_2 foliation. It might, however, be a product of prograde metamorphism rather than being primary. Some of the coarser epidotes form porphyroblasts that are reminiscent of 'snowball' garnets and these might represent retrograde metamorphism. Relatively coarse plagioclase porphyroblasts that exhibit some deformation are interpreted as being original phenocrysts from a medium grained intrusive precursor (Figs. 8-10). Fine-grained (slaty in outcrop) schists might represent a meta-tuff. Their mineralogy is similar, but they have a higher mica content.

Composition of epidotes in specimens K169-175 from trench 07-Tr-03 was estimated by determination of birefringence of the mineral in thin section using the Berek compensator (Deer et al., p. 84) and is somewhat variable, indicating that metamorphism

has not resulted in equilibrium across the succession. Specimen location is the distance measured westward from the main quartz vein at the east end of the 2007 deepened excavation.

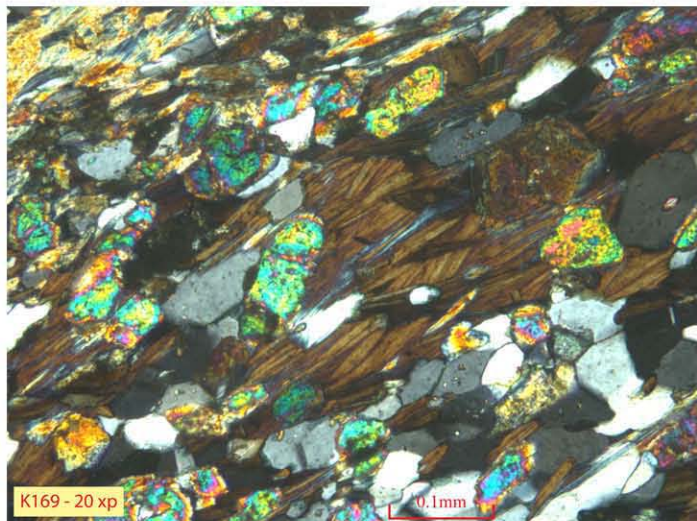
SPECIMEN	LOCATION	BIREFRINGENCE	EQUIVALENT Fe₂O₃
K169	6.3m	0.0255	9.0
K170	13.6m	0.0248	8.6
K171	15.0m	0.0221	8.0
K172	26.0m	0.0188	6.8
K173	28.7m	0.0227	8.3
K175	68.2m	0.0216	7.6

CAPTION FOR JAE MAFIC SCHIST
PHOTOMICROGRAPHS

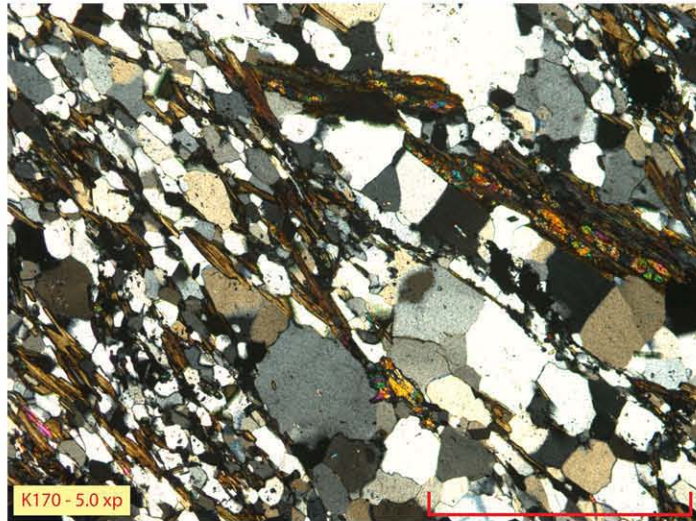
Specimens K169-175 were obtained from trench 07-Tr-03 at 6.3, 13.6, 15.0, 26.0, 28.7, 48.0 and 68.2 metres respectively from the 1m quartz vein that marks the east end of the deepened portion of the historical trench.

- a) K169. Epidote, chlorite, quartz and feldspar under crossed polarizers. Note scale bar is 0.1mm.
- b) K170. Quartz, feldspar, epidote and chlorite under crossed polarizers. 1mm scale bar.
- c) K171. Rounded epidote porphyroblast in plane polarized light. Does this represent a retrogressed ‘snowball’ garnet? 1mm scale bar.
- d) K172. Plagioclase porphyroblast under crossed polarizers.
- e) K172. Basal sections of blue tremolite-actinolite crystals with chlorite in a quartz-feldspar matrix under crossed polarizers. 1mm scale bar.
- f) K173. Amphiboles with chlorite and muscovite in quartz and feldspar matrix. Under crossed polarizers, 1mm scale bar.

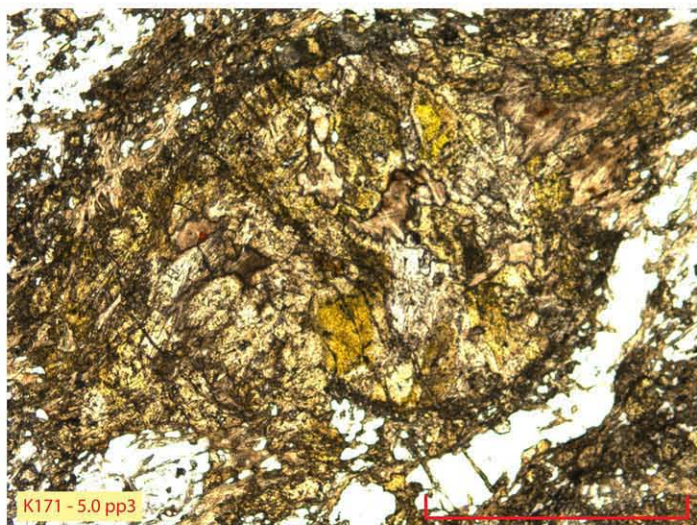
- g) K173. Amphiboles and epidote (anhedral) in quartz and feldspar matrix. Under crossed polarizers. 1mm scale bar.
- h) K174. Carbonate alteration: patches of (?) ankerite. Under crossed polarizers. 1mm scale bar.
- i) K175. Shows a 2mm plagioclase porphyroblast in a quartz $\pm$ feldspar-epidote-low birefringence chlorite matrix, containing a little sericite alteration. Under crossed polarizers, 1mm scale bar.



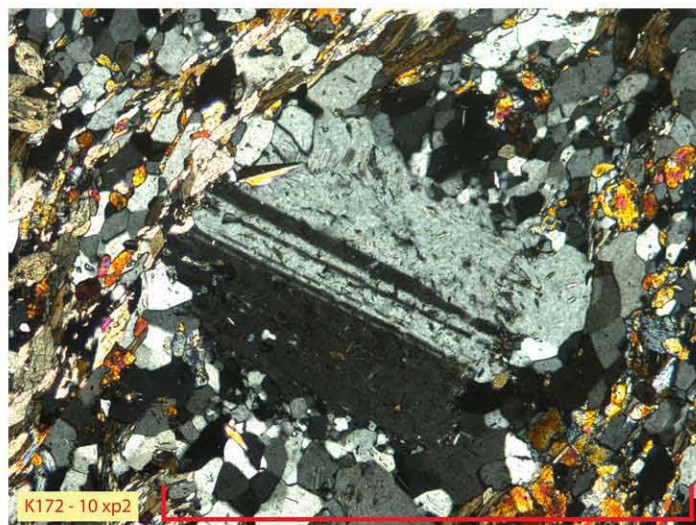
(a)



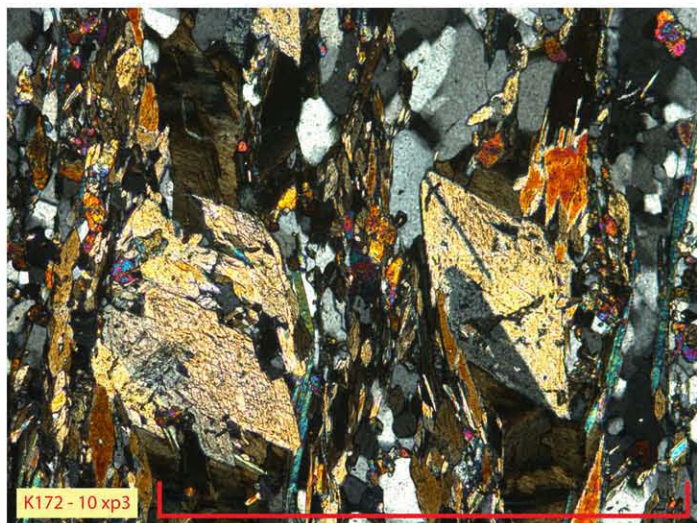
(b)



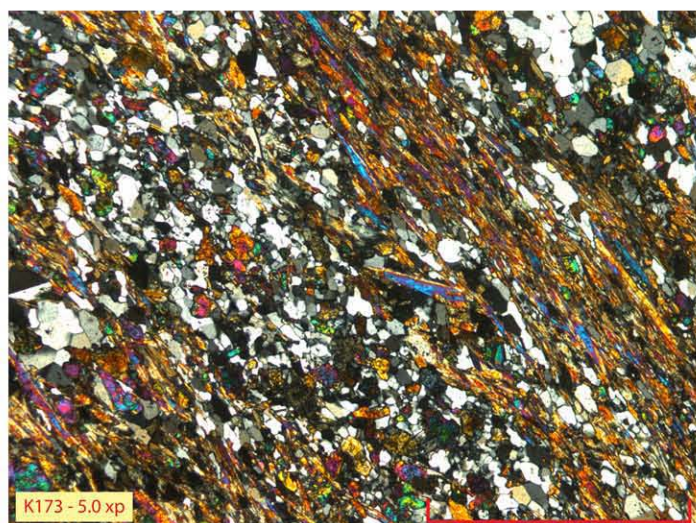
(c)



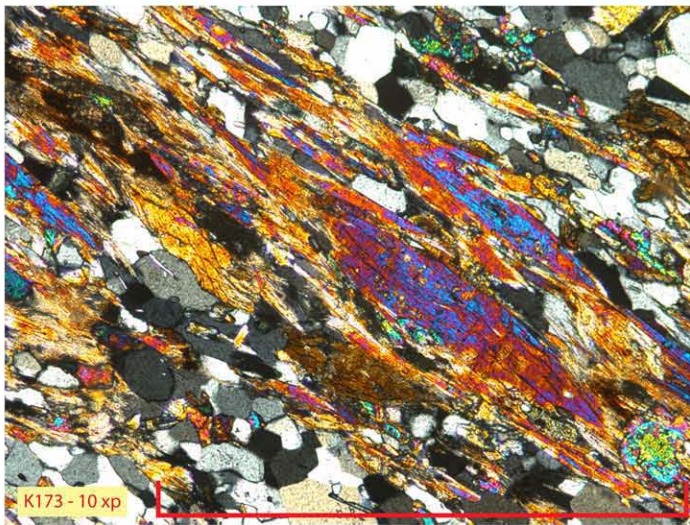
(d)



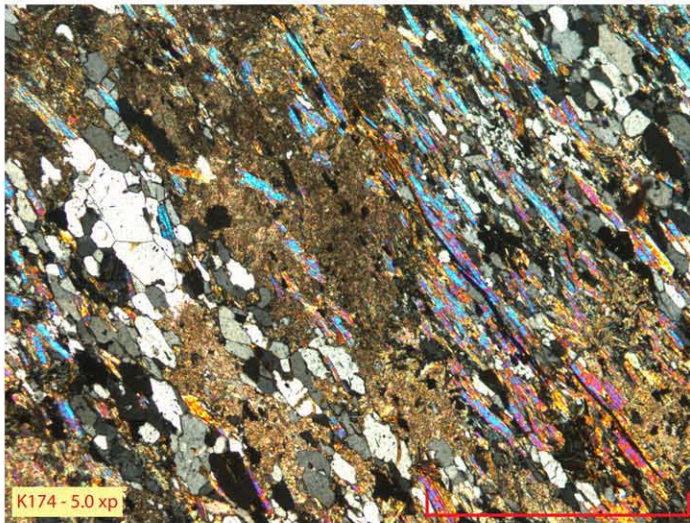
(e)



(f)



(g) Ampibole & epidote



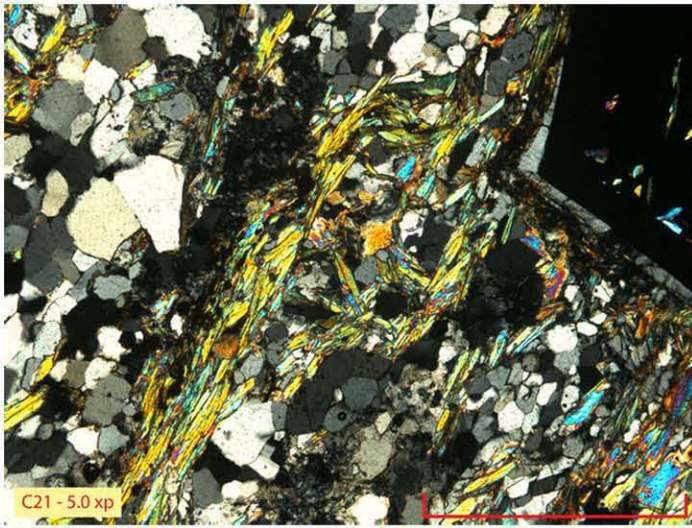
(h) Carbonate alteration



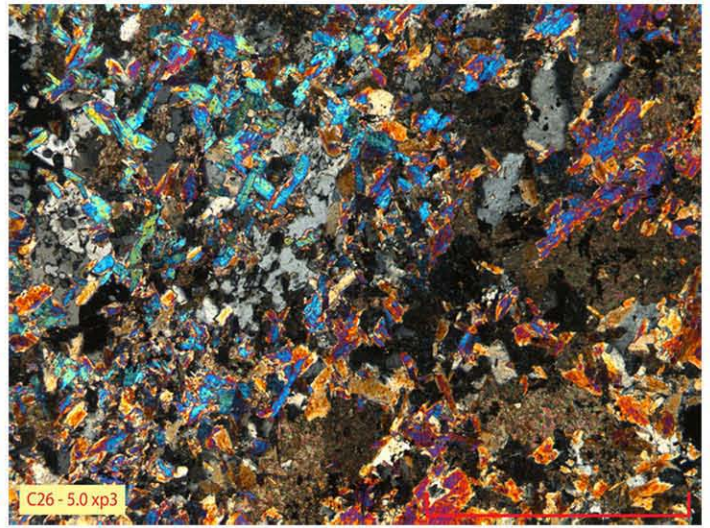
(i) Plagioclase porphyroblast

CAPTION FOR SHEBA EAST PHOTOMICROGRAPHS

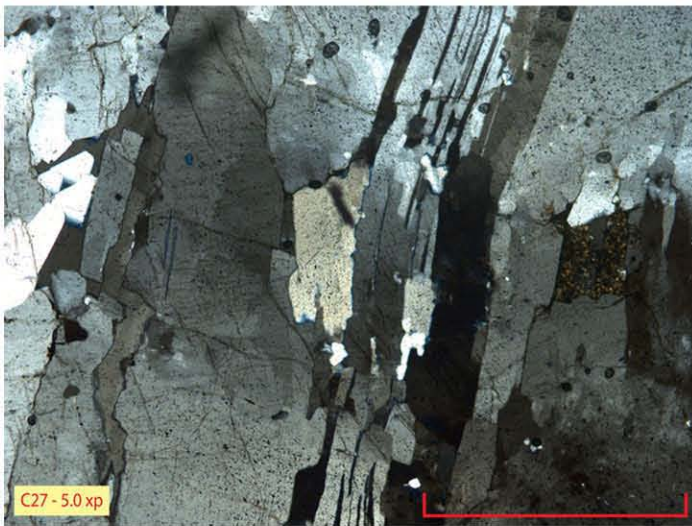
- (a) C21. Muscovite-quartz-feldspar schist with a large pyritohedron showing a pressure shadow. Crossed polarizers in transmitted light. 1mm scale bar.
- (b) C26. Altered schist: many of the muscovite 'flakes' have random alteration i.e., they are likely sericitization. Carbonate alteration is also present. Crossed polarizers in transmitted light. 1mm scale bar.
- (c) C27. Margin of quartz-feldspar vein. Note that the plagioclase twins are deformed. Crossed polarizers in transmitted light. 1mm scale bar.
- (d) C29. Coarse muscovite (sericite) in schist. Crossed polarizers in transmitted light. 1mm scale bar.
- (e) C32. Mineralization: pyrite in pyritohedron habit with two arsenopyrite crystals. Plane polarized reflected light. 1mm scale bar.
- (f) C15. Virtually unaltered schist: D₃ fabric of transposed micas is clearly displayed. Only slight carbonate alteration is visible in the NW corner. Crossed polarizers in transmitted light. 1mm scale bar. This specimen was collected from approximately 14m west of the edge of the stockwork zone in fresh schist. 1mm scale bar.



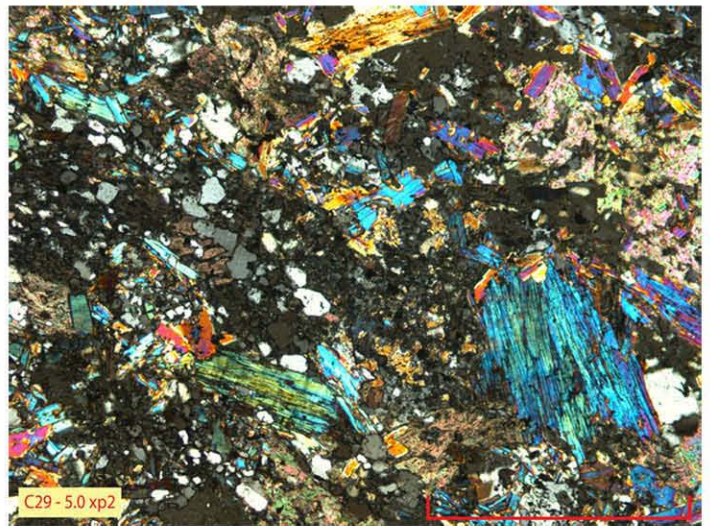
(a)



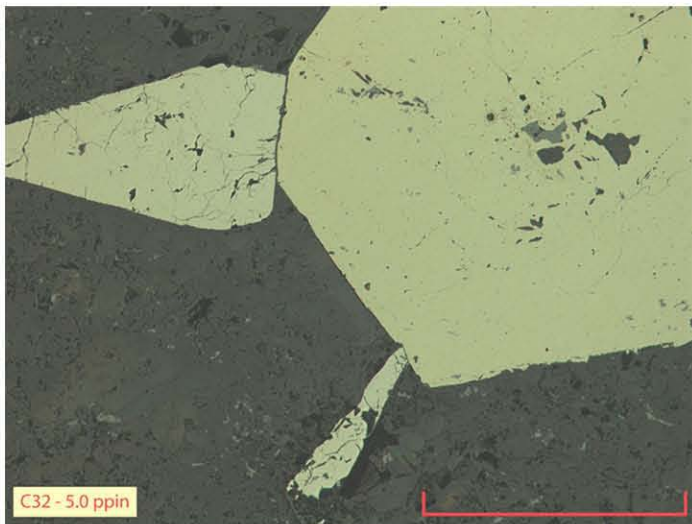
(b)



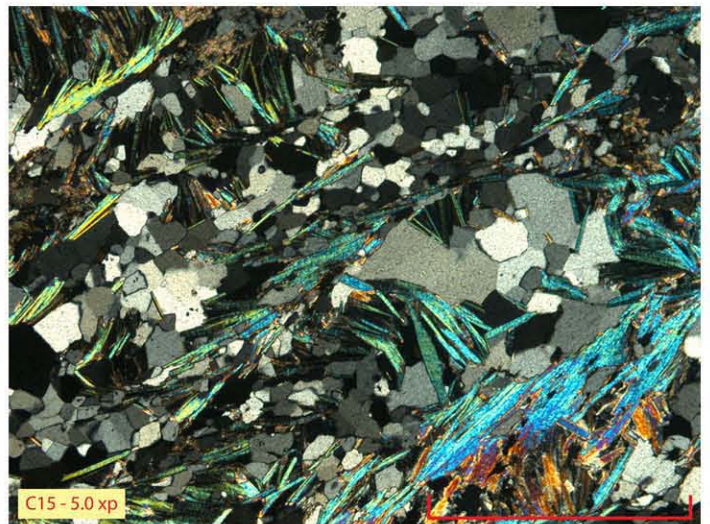
(c)



(d)



(e)



(f)

SHEBA EAST PHOTOMICROGRAPHS

ALTERATION

In the Sheba East stockwork zone alteration of the wall-rocks peripheral to the quartz veins is most evident. Sericitization has destroyed much of the fabric of the schist on a very local scale (centimetres from any vein); carbonate alteration is widespread. Quartz veins also show evidence of slight deformation (e.g., Liverton, 2008, Fig. 13; this report Fig. 10 c) by shearing along vein margins.

QUARTZ VEIN MINERALIZATION AND GEOMETRY

There are 5 principal sub-parallel quartz vein systems mapped on the JAE claims: the Mitchell-Sheba structure, a small system to the west of that vein, the Sheba East veins with the Sheba East stockwork zone and the Orekon vein three quarters of the way down the east side of the ridge. Other small veins between these systems have not been traced for any strike length, but they might persist beneath the cover of regolith.

Detailed mapping of the quartz vein system at the Sheba and Sheba south areas [Liverton, 2008 Figs. 9 & 10] indicates that the Mitchell-Sheba vein, the largest of the vein systems on the claims, is not a single vein but a discontinuous and often anastomosing system of small veins that in places (particularly the original Sheba showing and perhaps also at the Mitchell shaft) coalesces into a vein of 1-2m thickness. Where the vein is thickest historical prospecting has revealed pods of massive sulphides and silver bearing sulphosalts. Many localities where veins are of 20-50cm thickness show a central core of galena.

Smaller veins (± 10 cm) contain disseminated mm-sized crystals of galena, arsenopyrite, chalcopyrite, sphalerite and tetrahedrite. Selvedges of the veins show altered wall rock containing pyrite cubes and pyritohedra, sometimes to 10mm size with arsenopyrite locally present. Often vein margins show signs of late movement – shearing alongside or brecciation of part of the quartz. Two sets of veins are evident: the N-S striking steep eastward dipping ‘main’ set and smaller, often only 2-5cm thick, gently west dipping veins. Both systems have been demonstrated to contain gold by the 2007 season prospecting. Only at the East Sheba trench do the two vein sets occur with sufficient frequency to form a stockwork some 6m wide. There the country rock is particularly altered by ferroan carbonate and chlorite and pyrite-arsenopyrite mineralized.

Some of the minor veins (e.g., at bucket samples 08-TL-01, 2 {601382E, 7085265N}) are at a high angle to the local F_4 folds and to the N-S trend of the main system.

The principal steep dipping vein set is seen in several places (e.g., Liverton 2008, Fig. 19) to be parallel to F_4 axial planes. It is therefore suggested that timing of the principal vein emplacement coincides with late D_4 or postdates that folding. At the Sheba prospect the thickened vein shows a distinct 'jog' and is displaced slightly by a fault with some apparent strike-slip and normal movement. The jog in the vein is consistent with transtension if the horizontal shear component had a dextral sense. The three-dimensional geometry of the vein system is not known (though Hulstein's 1988 drill section shows a modest easterly dip to the silver-lead vein) and minor extensional fault movement acting on a 'roll' in the vein would also be likely to produce open space for the observed sulphide mineralization to form. An example is the Boxcar prospect (Minfile 115 O/N 071), which is located on an extensional fault.

Trenches 07-TR- 02 and 07-TR- 03 were chip sampled along 2m lengths in 2008 (Table 5.). The results were disappointing, with most samples below the 0.03 g/t Au detection limit. The best 2m width returned 0.25 g/t Au. Six bucket samples from trench 07-TR- 01 returned a maximum value of 0.80 g/t Au (fig. 18). Certain quartz veins exposed in the trench were selectively grab sampled (samples 69249, 69266), and returned a high value of 0.25 g/t Au. A bucket sample collected east of the Mitchell returned 13.21 g/t Au, described above.

2008 WIN CLAIMS GEOLOGY AND EXPLORATION

The part of the WIN claims examined in 2008 (mostly WIN 72- 77 claims) lies at the headwater of the northeastern fork of Little Blanche creek. Rock exposure on the WIN claims is limited to very occasional small amounts along the ridge crest and spurs, plus a few places along the trail across the claims. Either quartz muscovite schist or micaceous quartzite are exposed and two undeformed acid dykes are seen in old trenches and along the road. Structural elements observed are transposed compositional layering (S_2), F_3 crenulation (S_3), and F_4 folds (S_4 axial planes and F_4 axes). In the NW corner of

the area mapped one discordant quartz vein was seen to be parallel to S₄. A grab sample was collected from this vein (385031) at {594723, 70844651} returned gold below detection limit. At several localities along the road float of cm-scale discordant quartz veins is found in the bank, however all samples of these veins were also below detection for gold. Very micaceous schist (possibly from an altered acid volcanic protolith) is found at the hairpin bend and sample 385004 from {594645, 7083643} gave a fire assay of 0.12g/T, the highest gold value from rock in this area to date.

Obviously anomalous Au, Ag and Pb (sample 382969) from the soils sampled and anomalous values found in the soil profile taken from the cut bank alongside the road some 350m to the SE indicate that further work is justified in this region. The soil profile was sampled at three depths between 10 and 177 cm, and showed no obvious trends in enrichment related to depth. It appears that the soil here is part of a solifluction lobe, with no visible stratification below the organic layer at surface. A northwest trending soil anomaly extends for at least 500m in this area, with coincident Au- Ag- Sb- Hg anomalies.

2008 LB- LLIB CLAIMS GEOLOGY AND EXPLORATION

Natural rock exposure on the LB claims is limited to several rock 'tors' found along the crest of the spur running parallel to Quartz Creek, all of which are close to the Quartz Creek road. The road itself, together with a new access trail cut on the west side of the ridge to Canyon Creek also provide several useful exposures and old prospecting dozer excavations and trenches expose some of the sequence of Klondike Schist. Placer workings in Quartz Creek also show part of the bedrock. Elsewhere the current soil auger sampling and examination of creek exposures has demonstrated that much of the lower, gentler slopes are mantled with up to 2m of loess.

The schist varies from quartz (feldspar)-muscovite schist to quite mafic quartz (feldspar)-chlorite +/- muscovite schist. One unit of mafic schist forms a mappable unit that is exposed in the western part of the map area. Since there is continuous exposure along the cut bank of the lower part of the trail a fold structure has been interpreted to explain outcrop distribution of the mafic schist (Fig. 13, 1:2000).

Of economic interest is a felsic schist unit that contains obvious pyrite mineralization that is interpreted to be of stratiform nature and to have a true thickness in the order of 80 metres. This unit is partially exposed along an old dozed trail (presumably cut for prospecting purposes) and partially along the Quartz Creek road. The schist is quite weathered at surface and displays cubic limonite pseudomorphs after pyrite to several mm size. In one historical trench malachite staining is found along S_2 foliation surfaces. This section is covered by rock sample series 385016-21. A local NNW strike is interpreted for this unit based on correlation of exposures along the prospecting trail, trenches and Quartz Creek road, which is consistent with the general strike inferred from mapping of the mafic unit to the SW.

The dominant foliation noted in exposure is S_2 , with only a few localities e.g., {596325E, 7079750N} where intense S_3 cleavage obliterates the transposed compositional layering. In the Quartz Creek placer exposures {597550E, 7079680E} F_4 folding is quite prominent on a sub-metre scale and forms classic 'egg-carton' interference patterns with the F_3 folds. A stereo plot of the data (Fig. 14) indicates that S_2 is fairly randomly distributed, with perhaps slight preponderance of shallow SE directed dips. S_3 is NW dipping (but only two measurements were recorded). L_3 likely defines two domains: gentle SW or NE plunges (normal in azimuth to L_4) in the eastern part of the map area and more northerly attitudes in the west.

EXCAVATION OF THE MINERALIZED HORIZON

Two hand-dug pits were excavated down to undisturbed schist. These are sited along the dozer trail close to the NE limit of the sulphide mineralized felsic schist unit, where concentration of limonite pseudomorphs after pyrite was noted in float. Fresh sulphides were not obtained from these pits, but they did at least allow measurement of attitude of S_2 and sampling of in-situ though somewhat weathered rock.

ROCK GEOCHEMISTRY

Chip and grab samples were obtained from road cuts, the two hand-dug pits and old bulldozer trenches. Gold fire assays above detection were obtained from the two hand dug pits (samples 385011-012) and from the start of one 'dozer trench (385017-020)

are presented in Tables 5 & 6. The latter samples also showed anomalous Ag and Pb on acid digestion/ ICP analysis (Appendix 4). The two sample localities represent the lower and upper contact regions of the pyritic quartz muscovite schist unit.

COMMENT

The pyritic schist unit represents syngenetic mineralization within the Klondike Schist. Anomalous gold and silver values provide some encouragement for follow up prospecting of this VMS mineralization along strike. Soil geochemistry will be useful for this in the upper parts of the ridges, but closer to the creeks the depth of loess will hamper collection of residual material.

2008 GOLD RUN CREEK EXPLORATION

88 soil samples and 1 rock grab sample were collected from the FB and Aime claims at Gold Run creek. Soils collected at the northernmost part of the claims, at Aime 9 & 10 returned very low gold. Sampling to the east of the Deb claims, on Aime 4, 5, 7 & 20 show a weakly anomalous continuation to the northwesterly trending gold anomaly. Sampling on FB 5 & 6, and FB 2 & 7 contain numerous anomalous to highly anomalous gold values, enhancing the trend. The gold anomalies in this area do not appear to correlate strongly with any pathfinder elements.

One rock sample collected on the Aime 1 claim returned 0.31 g/t gold from an irregular white quartz vein outcrop/ subcrop that was scraped with a bulldozer ca. 1978. This outcrop may be located on the Deb claims, based on subsequent GPS measurements of two sets of Deb claim posts located in 2008, which indicate that the Deb claims should be plotted about 240m to the southwest of the current claim map location (see p. 11).

The target in the Gold Run area is gold hosted in the hangingwall of a regional thrust fault, which trends northwesterly across the claims. A few outcrops present on the claims were prospected in 2008, but not mapped in detail.

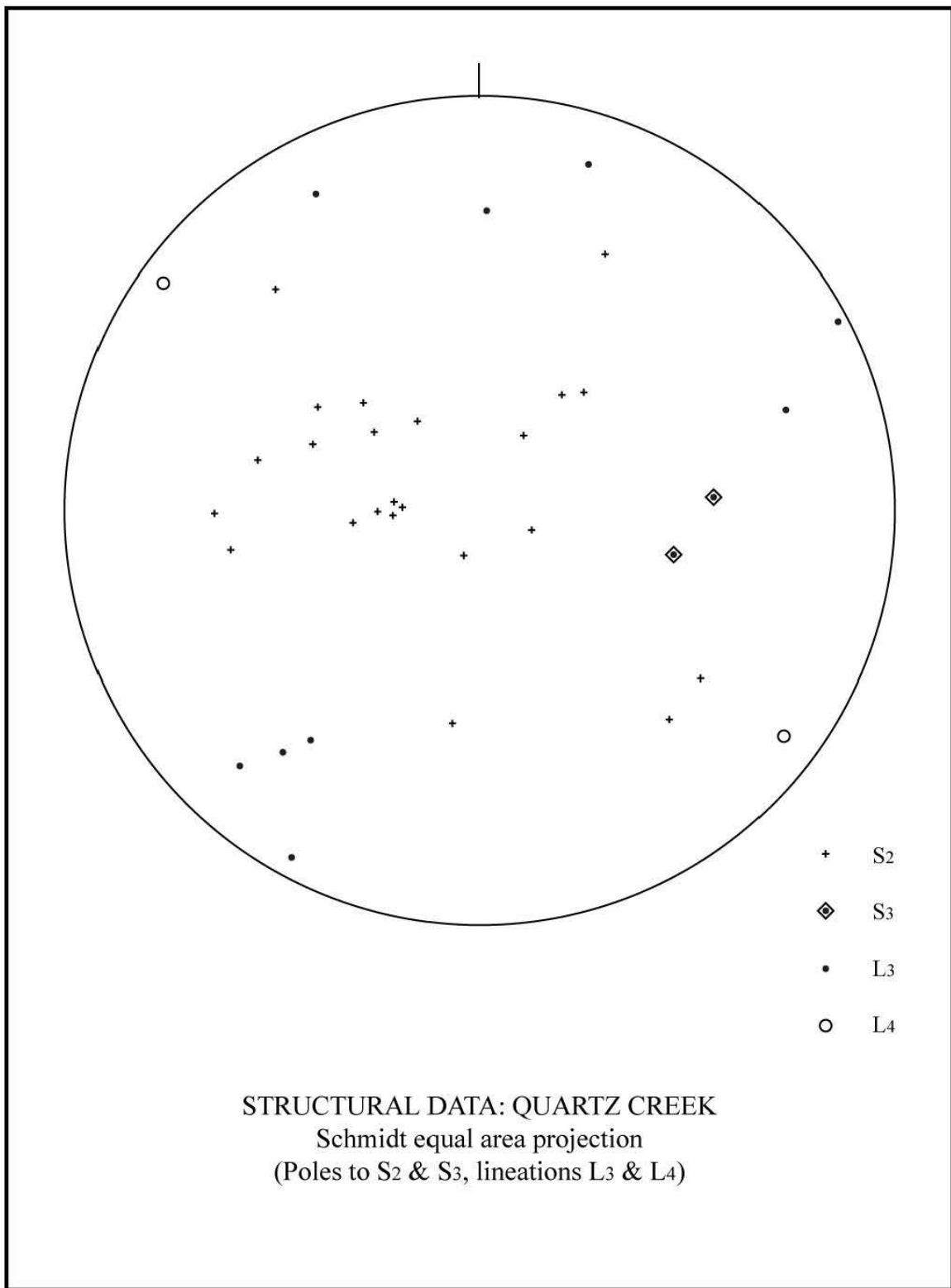
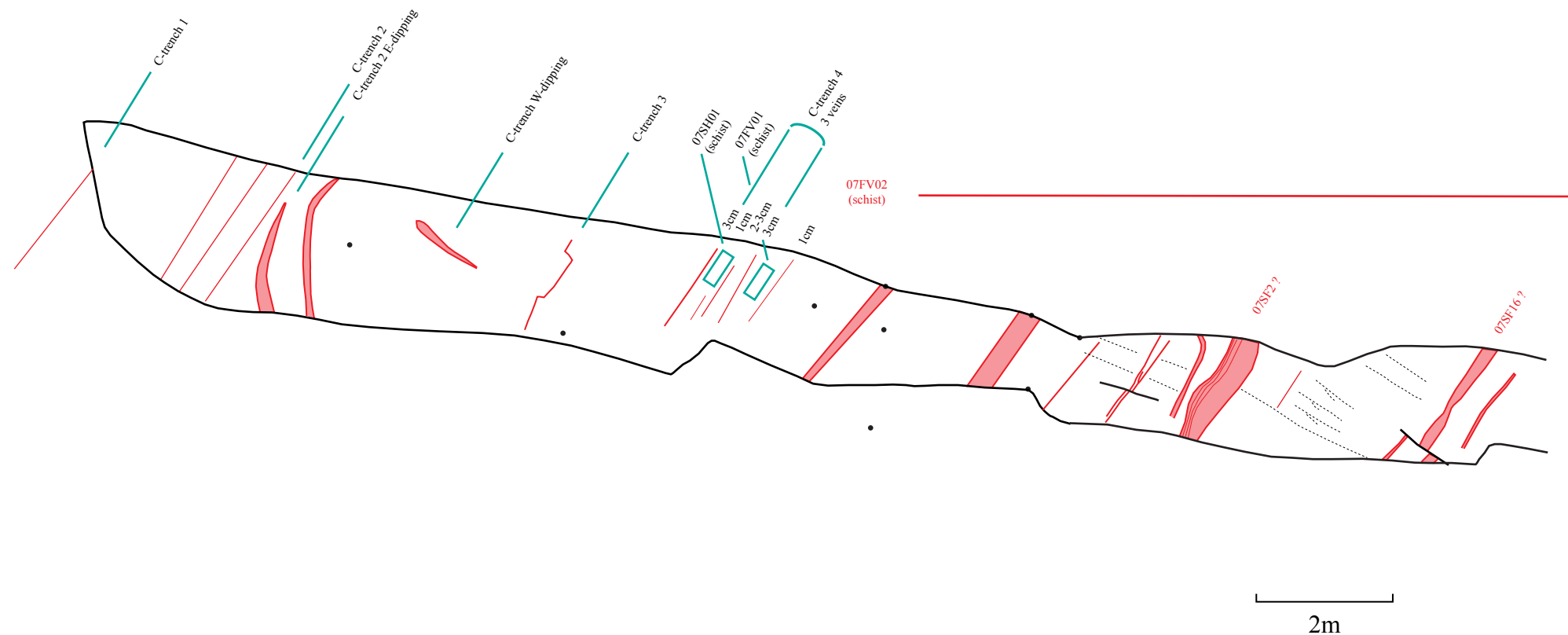


Figure 14.



JAE CLAIMS: TRENCH 07 TR 01. PROFILE OF SOUTH FACE (2007)
SHOWING BUCKET-SCALE SAMPLES OF VEINS AND COUNTRY ROCK

Figure 18

Statistical Analysis of Soil Geochemical Data

A statistical analysis was conducted on soil geochemical data collected from the Red, Win and LB claims located on map sheet 115O/14 in the area of Little Blanche creek and upper Quartz Creek. The analysis was based on 375 samples analyzed for 25 elements by ICP-MS, collected between 2004 and 2007. Data sets for each element were evaluated to determine the low, high, mean, median, standard deviation, 75th percentile, 90th percentile and 95th percentile. This analysis is summarized in Table 7. The analysis is intended to be used for the determination of meaningful geochemical anomalies in the data that will be used for focussing further exploration for mineral deposits in this area. It is thought to be directly relevant to the 2008 soil sampling in the WIN and LB- LLIB areas.

The statistics for gold in soil geochemistry have been used to derive thresholds for colours and symbols used in plotting the gold values presented in various maps in this report. Generally, the 95th percentile is used as an indication of highly anomalous values, and the 90th percentile is considered to be anomalous. For gold geochemistry it also seems to be important to consider large clusters of values above the mean to indicate broad areas of interest for exploration.

Tungsten was not evaluated in this exercise, as none of the samples in the data set were above the detection limit for this element. Statistics for certain elements such as lead and tellurium are biased by a few very highly anomalous samples, however these samples may represent elemental concentrations in the soil that are indicative of mineralized bedrock.

Previous statistical analysis of soil geochemical data conducted by Klondike Star (Liverton & Mann, 2004) indicated no significant, consistent geochemical associations between gold (the main commodity of interest) and other elements. However, the data set for this older study included samples from all over the Klondike gold district. It therefore included samples from a variety of geological environments and types of gold occurrences. The Lone Star zone in particular is still thought to have no significant, consistent geochemical correlations with gold.

In the more restricted geographic and geological area considered in this study, there are several geochemical associations with gold that appear to be significant and of interest. These elements may be valuable as pathfinder elements for gold exploration. The element with the highest correlation with gold is silver, with a positive correlation coefficient of 0.42 (see Table 8). Other elements with positive correlation coefficients above 0.2 are Mo, Cu, Zn, Fe, Sb and Se. Elements with correlation coefficients above 0.1 include Pb, Cd, Bi, Sc, S, Te and Hg. The suite of elements that correlate with gold may suggest a VMS or epithermal geological environment for gold mineralization in this area. It is worth noting a correlation coefficient above 0.9 for Pb, Te and Hg, and a correlation coefficient of 0.71 for Ag and Sb. These strong correlations are the result of a few very rich multi-metal samples.

225 soil samples were collected for geochemical analysis in 2008. 113 of these were from the LB – LLIB area, 88 from the Gold Run creek area (FB & Aime claims), and 24 from the WIN 72 to 76 claims. The Gold Run area lies outside of the geographical area of geostatistical analysis, and the gold anomalies here do not have any obvious geochemical correlations with the elements identified above, and do not have any apparent pathfinder elements. Both the LB- LLIB and WIN areas are within the geochemical statistical study area, and display the same sorts of associations between gold and the pathfinder elements identified in the study.

At the WIN claims there is an obvious linear gold anomaly that trends northwest from the trail on WIN 74 & 75 claims. This trend is also anomalous to highly anomalous in Ag, Sb and Hg.

The area of detailed sampling on the LB and LLIB claims, near the Quartz creek road show an association between gold and most of the correlated elements identified above. This multi-element anomaly extends over an area about 1.5 km long, and up to 700m wide. This anomaly is open to the northwest, south and southeast. Thick loess (over 1.1m) to the southeast makes soil sampling by hand auger practically impossible.

Note regarding the 2007 soil geochemistry report: The location data for some soil samples collected at the LB claims in 2007 was scrambled. These sample locations have been corrected in this report.

Table 7. Statistical Analysis of Soil Geochemical Data

Red Win LB soil geochem, 2004- 2007, 375 samples

element	units	low	high	mean	median	stddev	75th %ile	90th %ile	95th %ile
Au	ppb	<.1	208	7.7	3.2	15.9	8	16	28
Mo	ppm	0.09	3.75	1.08	0.93	0.6	1.34	1.86	2.2
Cu	ppm	0.97	130.5	19.9	13.5	18.3	24.9	40.4	54.7
Pb	ppm	0.01	2686	23.6	10	141.3	17.8	26.3	38.3
Zn	ppm	2.3	934.4	56.2	49.6	65.8	67	81.8	102.6
Ag	ppm	0.02	18.8	0.68	0.2	1.64	0.44	1.6	3.3
Ni	ppm	0.5	234.5	14	11.7	16.6	16.9	22.7	30.4
Co	ppm	0.2	36.8	8	7	6	11.1	15.1	20
Mn	ppm	8	1946	339	291	279	509	720	876
Fe	%	0.38	7.78	2.66	2.56	1.27	3.36	4.33	5.07
As	ppm	5	99.2	15.5	13.2	9.3	16.7	22.6	30.4
U	ppm	<.1	15	1	0.8	1.1	1.2	1.8	2.3
Th	ppm	1	35.2	6.2	4.4	4.6	8	11.9	15.7
Sr	ppm	2.5	211	20.9	16	16.7	26.5	39.5	49.5
Cd	ppm	<.01	5.37	0.16	0.1	0.32	0.18	0.29	0.42
Sb	ppm	0.12	6.46	0.63	0.44	0.69	0.58	1.26	1.86
Bi	ppm	<.02	0.56	0.14	0.14	0.05	0.18	0.2	0.24
Ca	%	<.01	1.91	0.3	0.18	0.31	0.44	0.73	0.92
Cr	ppm	1.5	711.5	26.8	18	50.9	28.4	43	58
Mg	%	0.02	3.63	0.7	0.58	0.58	0.98	1.46	1.74
Ba	ppm	30	1027	301.4	274.5	137.3	375.5	496	543
K	%	<.01	0.45	0.05	0.04	0.04	0.06	0.08	0.11
S	%	<.02	0.62	0.07	0.06	0.07	0.07	0.13	0.21
Se	ppm	0.2	11.3	1.1	1	0.8	1.4	1.8	2.2
Te	ppm	<.02	1.72	0.04	0.04	0.09	0.05	0.07	0.08
Hg	ppb	5	6335	66	25	345	45	75	120

Note: some element statistics not analyzed, eg. W (none above detection limit)

Note: if < detection, substitute half of limit

Note: Pb, Te, Hg statistics are biased by a few very high outliers

Table 8. Correlation Coefficients of Soil Geochemical Data from the Red, Win, LB claim area

	Au ppb	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm	P ppm	Te ppm	Hg ppb	
Au	1.00																																			
Mo	0.26	1.00																																		
Cu	0.21	0.09	1.00																																	
Pb	0.15	0.16	0.34	1.00																																
Zn	0.20	0.07	0.67	0.53	1.00																															
Ag	0.42	0.45	-0.01	0.29	0.04	1.00																														
Ni	-0.06	-0.13	0.27	-0.04	0.12	-0.13	1.00																													
Co	0.06	-0.09	0.75	0.03	0.46	-0.18	0.64	1.00																												
Mn	0.07	-0.05	0.69	0.01	0.46	-0.20	0.32	0.83	1.00																											
Fe	0.20	0.29	0.77	0.24	0.58	0.05	0.24	0.75	0.74	1.00																										
As	0.08	0.18	0.01	-0.03	0.06	0.05	0.01	0.06	0.15	0.21	1.00																									
U	0.05	0.21	-0.03	0.01	-0.02	0.02	-0.01	-0.09	-0.08	-0.13	-0.03	1.00																								
Th	0.06	0.27	-0.31	-0.02	-0.26	0.15	-0.16	-0.39	-0.45	-0.27	-0.11	0.24	1.00																							
Sr	0.04	0.34	0.11	0.00	0.04	0.16	0.16	0.16	0.22	0.21	0.12	0.33	0.07	1.00																						
Cd	0.16	0.07	0.47	0.27	0.84	0.06	0.08	0.32	0.35	0.31	0.08	0.09	-0.19	0.13	1.00																					
Sb	0.29	0.58	0.05	0.48	0.12	0.71	-0.14	-0.20	-0.22	0.16	0.07	0.04	0.24	0.17	0.05	1.00																				
Bi	0.12	0.18	0.20	0.40	0.34	0.10	-0.09	-0.02	0.01	0.16	0.06	0.14	0.00	-0.07	0.24	0.15	1.00																			
V	0.01	-0.10	0.61	0.00	0.35	-0.17	0.36	0.82	0.74	0.76	0.14	-0.20	-0.45	0.08	0.18	-0.18	0.04	1.00																		
Ca	-0.02	-0.05	0.40	-0.03	0.24	-0.17	0.31	0.58	0.64	0.39	0.10	0.09	-0.43	0.54	0.24	-0.18	-0.08	0.44	1.00																	
La	0.07	0.14	-0.19	-0.06	-0.19	0.00	-0.16	-0.30	-0.23	-0.27	0.04	0.54	0.57	0.22	0.00	-0.03	0.10	-0.39	-0.16	1.00																
Cr	-0.06	-0.14	0.11	-0.03	0.04	-0.08	0.95	0.51	0.18	0.14	-0.01	-0.02	-0.05	0.08	0.01	-0.12	-0.09	0.26	0.15	-0.10	1.00															
Mg	0.03	-0.17	0.59	-0.04	0.33	-0.22	0.61	0.90	0.73	0.70	0.11	-0.15	-0.36	0.06	0.14	-0.27	-0.05	0.81	0.43	-0.28	0.56	1.00														
Ba	0.07	0.19	0.05	-0.04	0.03	0.12	0.06	0.00	0.07	0.07	0.14	0.22	-0.11	0.25	0.07	0.12	0.18	0.01	0.20	0.13	-0.01	-0.08	1.00													
Ti	-0.11	-0.19	0.06	-0.10	-0.08	-0.09	0.25	0.24	0.10	0.09	-0.23	-0.06	0.09	0.02	-0.14	-0.06	-0.16	0.26	0.04	-0.13	0.22	0.21	-0.10	1.00												
Al	0.03	-0.09	0.61	-0.07	0.35	-0.22	0.36	0.80	0.77	0.78	0.30	-0.20	-0.51	0.05	0.16	-0.27	0.02	0.87	0.46	-0.34	0.26	0.85	0.06	0.08	1.00											
Na	-0.04	0.35	-0.21	0.08	-0.19	0.18	-0.11	-0.33	-0.37	-0.18	-0.15	0.13	0.48	0.34	-0.13	0.30	-0.02	-0.35	-0.18	0.30	-0.09	-0.41	0.05	0.18	-0.47	1.00										
K	0.02	0.18	0.05	0.06	0.04	0.16	0.04	0.07	0.14	0.30	0.14	-0.06	0.05	0.23	-0.03	0.17	-0.03	0.09	0.06	0.01	0.05	0.10	0.06	0.27	0.12	0.13	1.00									
Sc	0.11	-0.05	0.73	0.02	0.44	-0.16	0.27	0.81	0.80	0.81	0.13	-0.12	-0.32	0.10	0.25	-0.16	0.00	0.84	0.45	-0.23	0.14	0.78	0.01	0.18	0.83	-0.33	0.14	1.00								
Tl	-0.01	0.20	-0.12	-0.06	-0.11	0.26	0.15	0.02	-0.06	0.13	0.05	-0.01	0.22	0.20	-0.10	0.23	-0.05	0.06	-0.10	0.05	0.22	0.04	-0.02	0.40	0.01	0.25	0.67	0.03	1.00							
S	0.15	0.61	-0.11	0.28	-0.07	0.49	-0.19	-0.31	-0.32	0.04	-0.03	0.13	0.50	0.43	-0.06	0.60	0.06	-0.34	-0.20	0.27	-0.12	-0.34	-0.02	-0.04	-0.42	0.72	0.30	-0.29	0.36	1.00						
Ga	0.05	-0.05	0.49	-0.09	0.25	-0.23	0.22	0.63	0.68	0.67	0.29	0.04	-0.21	0.11	0.12	-0.30	0.10	0.74	0.32	0.14	0.16	0.71	0.09	0.13	0.83	-0.31	0.21	0.75	0.12	-0.30	1.00					
Se	0.22	0.16	0.41	0.72	0.50	0.19	-0.01	0.09	0.15	0.25	0.06	0.34	0.06	0.21	0.35	0.30	0.48	-0.03	0.16	0.40	-0.06	0.00	0.23	-0.15	-0.01	0.09	0.02	0.14	-0.10	0.21	0.17	1.00				
P	0.05	0.24	0.33	0.05	0.22	0.06	0.36	0.48	0.48	0.45	0.13	0.07	-0.19	0.58	0.20	0.10	-0.08	0.30	0.60	-0.03	0.25	0.37	0.12	0.14	0.29	0.10	0.17	0.34	0.09	0.19	0.28	0.20	1.00			
Te	0.17	0.19	0.37	0.97	0.56	0.26	-0.03	0.06	0.05	0.31	-0.01	0.02	0.02	0.06	0.28	0.46	0.45	0.03	0.02	-0.05	-0.04	-0.01	0.01	-0.11	-0.03	0.10	0.06	0.06	-0.07	0.30	-0.06	0.76	0.10	1.00		
Hg	0.15	0.20	0.36	0.98	0.53	0.27	-0.03	0.04	0.04	0.27	-0.03	0.02	-0.04	0.03	0.27	0.49	0.41	0.01	0.00	-0.07	-0.04	-0.03	-0.03	-0.11	-0.05	0.08	0.06	0.04	-0.07	0.29	-0.09	0.74	0.08	0.96	1.00	

Data from 375 soil samples collected and analyzed in 2004 - 2007

10. SAMPLING METHOD AND APPROACH

At the JAE property chip sampling of trenches 07-Tr-03 and 07-Tr-02 consisted of chipping one clean face of the trenches to obtain approximately 2kg of sample for the 2m interval. At the LB claims the trenches have subcrop exposed by the ripper of a bulldozer. This material was collected in a representative fashion along 2m intervals. These samples in poly bags were submitted directly to Eco-tech Laboratories Whitehorse preparation facility for fire assay. Trench chip results are presented in Table 5.

Two ‘bucket samples’ (08-TL-01, 02) of approximately 20kg each were taken from the upper portion of the ‘long trench’ at a double quartz vein (i.e., one with a substantial horse of schist). Both quartz and the immediate (10cm) selvedge were taken. These larger samples were collected in an attempt to provide a more representative sample than a chip sample. Many of the bucket samples presented in this report were collected in 2007, but not crushed and split until 2008 due to the breakdown of the disk mill. Bucket sample results are presented in Table 4. Rock grab samples were collected in various locations, and the results are presented in Table 6.

Soil samples were collected with a 1.2m long Dutch soil hand auger, taking wherever possible clearly B-horizon material or colluvium from as deep in the profile as possible. Loess is common in the area, and may be over 1m deep, especially on lower slopes near the major creek valleys on the LB and LLIB claims at Quartz creek and the FB and Aime claims at Gold Run creek. Loess is common in the area, and is a dilutant to soil geochemistry (Bond & Sanborn, 2006). Soil sample stations were marked with flagging tape, with the sample number written in permanent marker. The UTM coordinates of each station were recorded from hand-held GPS. The nature of the material sampled was noted, with descriptions presented in Appendix 2, and analytical results presented in Appendix 3.

Permafrost was encountered rarely, and caused a few soil stations to be abandoned or shifted, or the collection of sub-optimal material. Permafrost was mostly noted in areas with deep moss cover.

Soil profile pits were dug at the WIN and LB areas to investigate the variation of geochemistry with depth and soil material sampled. Samples 382751- 753 were collected from depths between 10cm and 170cm at the WIN claims. This location appears to be a

solifluction lobe, with no obvious soil stratification below the organic layer at surface. The analytical results here do not show obvious variation with depth. At the LB claims two pits were dug, returning samples 382765- 769 in one pit and 382772- 773 from a second. Samples from the first pit were collected between depths of 60cm and 165cm, and showed highest values in Bi, Hg, Pb, Ag and Fe from the shallowest sample, and highest values in Au from a sample at 125cm depth. All these samples were collected from below an obvious loess layer that extended from 20 to 47cm. The second location was sampled at depths of 15cm and 100cm from brown soil with poor stratification. The deeper sample returned much higher values in Au, Ag and many other metals, while the shallower sample was higher in Zn and Hg. It is thought that the shallow sample was likely more highly diluted with loess than the deep sample.

11. SAMPLE PREPARATION, ANALYSIS AND SECURITY

The chip samples received no field preparation other than being sealed in polythene bags and the bags being sealed in poly-weave sacks. All samples were delivered personally by the authors of this report to Eco Tech's Whitehorse preparation facility for fire assay by their Kamloops laboratory. All rock samples were analyzed by a 500g metallic sieve fire assay, and certain samples (mostly from the LB claims) were also analyzed by 25 element ICP-MS.

The bucket samples from JAE were crushed (by T.L.) in a jaw crusher then roller mill to -5mm size, with approximately 80% of the material being -20 mesh, then split four times through a ½" Jones riffle. The resulting splits were sealed in poly bags and submitted to Eco Tech laboratories for fire assay, being delivered to the Whitehorse facility by the authors.

The soils in kraft envelopes were field dried, packed in poly-weave bags and submitted to the Eco Tech Whitehorse preparation facility by the authors. The samples were dried, sieved to minus 80 mesh, and a 30g split analysed by acid-digestion/ICPMS at the Eco Tech Kamloops laboratory.

12. MINERAL RESOURCE ESTIMATES

The areas investigated in 2008 are not yet at the stage at which resources may be estimated.

13. INTERPRETATION AND CONCLUSIONS

A) JAE claims

During the last two seasons rock sampling on the property has yielded assays of up to 13.2g/T for bucket-scale samples of the quartz veins. The intervening schist gave results generally <0.11 g/T for South Sheba. Chip sampling of the faces of 07-Tr-03 and 07-Tr-02 during the 2008 season yielded only one value of 0.25g/t Au from vein material. The mafic schist was uniformly <0.03g/T. Bulk sampling during the 2007 programme gave similar low grades. For the Mitchell-Sheba trend at least it would appear that most of the significant gold grades are obtained from the immediate vein, with the exception of the area near the Mitchell shaft. Samples collected by Kreft in 2005, and by Ledwidge & Ledwidge in 2006 returned values over 2 g/t from rusty schist with no obvious discordant veins, and 1.3 g/t gold from a five tonne bulk sample.

Widths of the individual veins making up the anastomosing system in the Mitchell- Sheba trend are predominantly <<1m. The intervening schist is mostly low grade. Where ‘pods’ of sulphide-rich material have been encountered (Mitchell shaft and Sheba original showing) there may be sufficient width for mining.

Continuity of the East Sheba stockwork and the parallel ‘trench 77’ vein system noted in Liverton (2008) has not been demonstrated due to lack of exposure. These veins may continue over strike lengths of hundreds of metres, but again, the wall-rocks have only low gold grades. The Orekon vein system has some impressive pods of galena, but gold grades from grab sampling in 2007 were not exciting. The northernmost trench contains a narrow, high grade vein to the east of the Mitchell shaft that has not been investigated along trend.

To further investigate the JAE property will require a ‘leap of faith’ in the nature of a combined I.P. – magnetic survey over the grid that has been already prepared in an attempt to trace vein continuity and locate mineralization in dilational zones.

B) WIN claims

The limited soil sampling programme of the 2008 season has discovered an apparently NNW trending gold- silver- lead- mercury- antimony anomaly that is proximal to very sericitic schist that might have had an altered rhyolite protolith. The trend is quite discordant to S_2 foliation and both L_3 and L_4 fold axes. It likely represents an unexposed quartz vein system. This target deserves further work.

C) LB-LLIB claims

The sulphide mineralized schist horizon located during the 2008 season shows anomalous gold at both lower and upper contacts. An extensive multi-element soil geochemical anomaly with a character consistent with VMS mineralization is present. This target is interpreted to be original stratiform mineralization. This horizon deserves further work.

D) Aime-FB claims

Soil sampling on these claims was hampered by deep loess on the FB claims. The property has not yet been investigated properly and despite lack of spectacular results from the few samples taken in the present work, it should be tested further.

14. RECOMMENDATIONS

Further work on the JAE property will be guided by the company’s philosophy. Presently known gold grades are sporadic, however there is a suitably long and wide structure that is altered and mineralized with gold and silver. This structure has seen only a few shallow holes that have not focussed on the best gold areas, notably the Mitchell zone which should be drilled. There is also considerable potential in areas with little rock exposure, as indicated by the extensive soil geochemical anomalies which span the length and width of the property, and which are amongst the largest and most intense in the

Klondike district. Narrow, high grade veins have been identified to both the east and west of the Mitchell- Sheba trend. An IP and magnetometer survey on the existing cut grid is recommended to identify pyritic zones and structures which may be gold enriched.

The WIN property deserves further work over the gold- silver- lead- antimony- mercury anomaly. This should be carried out by initial hand pitting to expose the outcrop (soil depth is shallow and this is quite feasible) and by additional soil sampling lines to check for on-strike extensions. If mineralization in the rock is of sufficient grade upon chip sampling then more extensive trenching using mechanized equipment will be warranted.

The LB-LLIB claims should be prospected further. Since the depth of loess is significant on the gentler slopes the use of I.P. geophysics is a logical method. This will require grid lines to be cut as much of the region is covered by an old 'burn' full of dead-falls. A magnetic survey is likely to be useful in this geological environment. Excavator trenching is recommended to expose fresh rock of the pyritic volcanic unit, especially in areas of the highest geochemical anomalies, subject to confirmation by geophysics.

To fully evaluate the FB-Aime claims further soil sampling could be employed, but this might locally require use of augers capable of penetrating loess deeper than 1.1m and/ or through permafrost. The unsampled areas on claims FB 1- 4 appear to have high potential, lying between 95th percentile gold anomalies on the Aime 1- 2 and FB 2, 7 claims, but are mantled by deep loess with a locally shallow active layer. MMI geochemistry may be appropriate in this area, as this technique may be capable of identifying anomalies above cover material, and through permafrost.

15. REFERENCES

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Yukon MINFILE - Mineral Occurrence Map: 115 O & N (eastern half) - Stewart River (1: 250 000 scale), version 2004-1. Yukon Geological Survey, Energy, Mines and Resources, Yukon Government, 2004.

STATEMENT OF QUALIFICATIONS

WILLIAM D. MANN, M.Sc., P.Geo.

19 HAYES CRESCENT, WHITEHORSE, YUKON Y1A 0E1

1. I am a member in good standing of the Association of Professional Engineers and Geoscientists of BC, Licence #31907.
2. I am a Graduate of Queen's University, 1986, with a Master of Science Degree in Mineral Exploration Geology.
3. I am a Graduate of the University of British Columbia, 1983, with a Bachelor of Science Degree in Geology.
4. I have worked in mineral exploration and mining continuously since 1979.
5. I designed and supervised the work program on the Klondike Project in 2008.
6. I am Exploration Manager for Klondike Star Mineral Corp., owner of the claims, and hold stock options in partner Klondike Gold Corp.

February 20, 2009

William D. Mann, M.Sc., P.Geo.

16. STATEMENT OF QUALIFICATIONS

Timothy Liverton

102 Komish Court, Watson Lake, Yukon

Professional qualifications:

B.Sc. in Geology and Geophysics, University of Sydney, Australia: conferred 1965

B.Sc.(Hons.) in Economic Geology, University of Adelaide, conferred 1968

Ph.D. (Thesis: "Tectonics and Metallogeny of the Thirtymile Range, Yukon Territory, Canada") Royal Holloway, University of London, 1992.

Professional Experience:

1965-1972	Exploration and mine geologist in Australia, working on tin, tungsten, porphyry copper & tungsten, VMS and SEDEX base metals, uranium, nickel and placer prospects
1973	Working in civil engineering in England
1974-1988	Exploration geologist on tungsten, manganese, uranium, gold and molybdenum properties in Canada, Brasil, Portugal, Norway and Greenland. Mine geologist at Pine Creek, California.
1988-1992	Performing research at Royal Holloway for Ph.D. Summer fieldwork in the Yukon.
1993-1995	At the Museum of North Devon, U.K. (part-time): cataloging collections, preparing displays, lecturing
1996-1997	Visiting Professor (Economic Geology) at the University of Brasília
1998-2005	Self employed as a contractor in mineral exploration in the Yukon, B.C. and N.W.T.
2005-Jan 2009	Employed as Chief Geoscientist for Klondike Star Mineral Corporation

I carried out most of the geological mapping on each of the claim blocks and part of the soil sampling for the WIN, LB-LLIB and FB-Aime claims.

I do not hold any stock in Klondike Star Mineral Corp.



Timothy Liverton,

17th February 2009.

STATEMENT OF EXPENDITURES

WIN claims

NTS: 115O/14

Expiry: **March 9, 2009**

Work performed July 7-Aug 16, 2008

CATEGORY	ITEM	DETAILS	UNITS	COST
LABOUR	W.D. Mann	wages plus 10%	2.5	
	C. O'Shea	wages plus 10%	3.5	
	T. Liverton		3.5	
				\$4,563.00
LIVING ALLOWANCE		\$75 per worker day	9.5	\$712.50
TRANSPORTATION	Truck	\$90 per day	4	\$360.00
	ATV	\$35 per day		
SAMPLE ANALYSIS	Rock geochemistry	[x#] samples x \$45	7	\$315.00
	Soil geochemistry	[x#] samples x \$28	24	\$672.00
	Sample shipping	[x#] samples x \$1	31	\$31.00
CONSUMABLE FIELD GEAR	bags, flagging, markers, ties etc.			\$50.00
REPORT WRITING	report writing, drafting, publishing			\$1,000.00
TOTAL:				\$7,703.50

signed:

date: _____, 2009

STATEMENT OF EXPENDITURES

Aime and FB Claims

NTS: 1150/10

Expiry: **March 9, 2009**

Work performed July 20-Aug 13, 2008

CATEGORY	ITEM	DETAILS	UNITS	COST
LABOUR	W.D. Mann	wages plus 10%	3.5	
	C. O'Shea	wages plus 10%	6	
	T. Liverton		5.5	
				\$7,075.00
LIVING ALLOWANCE		\$75 per worker day	15	\$1,162.50
TRANSPORTATION	Truck	\$90 per day	8	\$720.00
	ATV	\$35 per day		
SAMPLE ANALYSIS	Rock geochemistry	[x#] samples x \$45	1	\$45.00
	Soil geochemistry	[x#] samples x \$28	88	\$2,464.00
	Sample shipping	[x#] samples x \$1	89	\$89.00
CONSUMABLE FIELD GEAR	bags, flagging, markers, ties etc.			\$50.00
REPORT WRITING	report writing, drafting, publishing			\$1,000.00
TOTAL:				\$12,605.50

signed:

date: _____, 2009

STATEMENT OF EXPENDITURES

LB- LLIB claims

NTS: 1150/14

Expiry: **March 9, 2009**

Work performed July 12- Aug 16, 2008

CATEGORY	ITEM	DETAILS	UNITS	COST
LABOUR	W.D. Mann	wages plus 10%	13.5	
	C. O'Shea	wages plus 10%	6.5	
	T. Liverton		8.5	
				\$14,888.00
LIVING ALLOWANCE		\$75 per worker day	28.5	\$2,137.50
TRANSPORTATION	Truck	\$90 per day	17	\$1,530.00
	ATV	\$35 per day		
SAMPLE ANALYSIS	Rock geochemistry	[x#] samples x \$45	23	\$1,035.00
	Soil geochemistry	[x#] samples x \$28	113	\$3,164.00
	Sample shipping	[x#] samples x \$1	136	\$136.00
CONSUMABLE FIELD GEAR	bags, flagging, markers, ties etc.			\$100.00
REPORT WRITING	report writing, drafting, publishing			\$2,500.00
TOTAL:				\$25,490.50

signed: _____

_____, 2009
date:

STATEMENT OF EXPENDITURES

J.A.E. 7 (YA89012)

Work performed Sept. 12 - 21, 2007

NTS: 1150/15

Expiry: **Sept. 1, 2009**

CATEGORY	ITEM	DETAILS	UNITS	COST
LABOUR	Employees	wages plus 10% wages plus 10%		
LIVING ALLOWANCE		\$75 per worker day		
TRANSPORTATION	Truck ATV	\$90 per day \$35 per day		
INVOICE	Northern Shoveler Resources Ltd	4 percussion drill holes	\$60/ft	\$29,984.00
SAMPLE ANALYSIS	Rock geochemistry	[x#] samples x \$45	112	\$5,040.00
	Soil geochemistry	[x#] samples x \$28		
	Sample shipping	[x#] samples x \$1	112	\$112.00
CONSUMABLE FIELD GEAR	bags, flagging, markers, ties etc.			\$100.00
REPORT WRITING	report writing, drafting, publishing			
TOTAL:				\$35,236.00

signed:

date:

,2009

Note: this work was reported but not filed in the 2007 Assessment Report written by T. Liverton

STATEMENT OF EXPENDITURES

JAE claims

NTS: 1150/15

Expiry: **Sept. 1, 2009**

Work performed July 3- Aug 20, 2008

CATEGORY	ITEM	DETAILS	UNITS	COST
LABOUR	W.D. Mann	wages plus 10%	1.5	
	C. O'Shea	wages plus 10%	7	
	T. Liverton		7	
				\$7,025.00
LIVING ALLOWANCE		\$75 per worker day	15.5	\$1,162.50
TRANSPORTATION	Truck	\$90 per day	7.5	\$675.00
	ATV	\$35 per day	4	\$140.00
SAMPLE ANALYSIS	Rock geochemistry	[x#] samples x \$45	66	\$2,970.00
	Soil geochemistry	[x#] samples x \$28	0	\$0.00
	Sample shipping	[x#] samples x \$1	66	\$66.00
CONSUMABLE FIELD GEAR	bags, flagging, markers, ties etc.			\$50.00
REPORT WRITING	report writing, drafting, publishing			\$1,000.00
TOTAL:				\$13,088.50

signed: _____

_____, 2009
date:

Appendix 2. 2008 Soil Sample Summary

Date	Sample #	Location	UTM E	UTM N	Depth (cm)	Horizon	Colour	Grain Size	Moisture	Description	Au ppb
08-Jul-08	382751	WIN	594778	7083844	150-170	B/C	lt. orange brn	clay/sand	moist	schist frags increase in size and percentage schist frags	41
08-Jul-08	382752	WIN	594778	7083844	60-80	B	lt. orange brn	clay/sand	moist		32
08-Jul-08	382753	WIN	594778	7083844	10 to 30	B	bright orange	clay	m		35
11-Jul-08	382754	WIN 72-75	594000	7083747	50	C	Or. - white	silt, sand, pebbles	dry	WIN 72- 75 area, July 11	6
11-Jul-08	382755	WIN 72-75	593900	7083747	15	C	grey-brown	silt, rocky	moist		4
11-Jul-08	382756	WIN 72-75	593800	7083747	40	C	gry-brn-Or.	silt, rocky	moist		8
11-Jul-08	382757	WIN 72-75	593800	7083647	45	C	lt. brn.	silt, rocky	moist		3
11-Jul-08	382758	WIN 72-75	593900	7083647	60	C	lt. brn.	silt, rocky	moist		4
11-Jul-08	382759	WIN 72-75	594000	7083647	45	C	lt. brn.	silt, sand, rocky	moist		3
11-Jul-08	382760	WIN 72-75	594100	7083647	60	C	lt. brn., Or.	silt, sand, pebbles	moist	micaceous	15
11-Jul-08	382761	WIN 72-75	594200	7083647	75	C	lt. brn., white	silt, rocky	moist		6
11-Jul-08	382762	WIN 72-75	594300	7083647	50	C	Or. - brn.	sand, pebbles	moist		2
11-Jul-08	382763	WIN 72-75	594400	7083647	75	C	Lt. brn.	silt, pebbles	wet	grey to 60cm	2
12-Jul-08	382764	LB 122	597430	7080162	80	B/C	Ylo-brn.	silt, sand, pebbles	moist	LB 122 CLAIM, July 12	9
12-Jul-08	382765	LB 80	596675	7079326	125	C	Orange/white	clay-sand	moist	LB 80 claim - augering within test pit (60cm deep) decomposed schist - see Tim's notes	103
12-Jul-08	382766	LB 80	596675	7079326	150	C	Orange/white	clay-sand	sl. moist		72
12-Jul-08	382767	LB 80	596675	7079326	155	C	Orange/white	clay-sand	sl. moist		64
12-Jul-08	382768	LB 80	596675	7079326	165	C	Orange/white	clay-sand	sl. moist	decomposed schist	44
12-Jul-08	382769	LB 80	596675	7079326	60	B	Orange	clay-sand	moist	top of B	52
12-Jul-08	382770	LB	596851	7079238	105	C	Orange	silt, sand	moist		54
12-Jul-08	382771	LB	596751	7079238	110	B	grey-brown	clay- silt	moist		41
12-Jul-08	382772	LB	596701	7079238	15	B	brown	clay- silt	moist		73
12-Jul-08	382773	LB	596701	7079238	100	C	brown	silt, sand, rocky	moist		153
12-Jul-08	382774	LB	596650	7079243	105	C	lt. brn.	silt, sand, rocky	moist		72
16-Jul-08	382775	LB 79-81	596500	7079420	35	C	Or. - brn.	silt, sand, rocky	moist	LB 79- 81 July 16	9
16-Jul-08	382776	LB 79-81	596600	7079420	75	C	grey, brown	silt - sand	moist		7
16-Jul-08	382777	LB 79-81	596700	7079420	65	B?	brown	silt, pebbles	moist		13
16-Jul-08	382778	LB 79-81	596800	7079420	75	C	Or. - brn.	silt, sand, rocky	moist	poor sample, loess (?), permafrost, 20cm organics at top	18
16-Jul-08	382779	LB 79-81	596900	7079420	70	C	Or. - brn.	silt - sand	moist		5
17-Jul-08	382780	LB 79-81	597000	7079420	55	C	Ylo-brn.	silt, sand, pebbles	sl. moist		3
17-Jul-08	382781	LB 79-81	597100	7079420	90	B	brown	clay, silt, pebbles	moist	loess?	4
17-Jul-08	382782	LB 79-81	597200	7079420	100	B	brown	clay, silt, pebbles	v. moist	loess?	4
17-Jul-08	382783	LB 79-81	597200	7079520	90	C	Ylo-brn.	clay, silt, pebbles	moist	loess to 75cm	5
17-Jul-08	382784	LB 79-81	597100	7079520	65	C	Ylo-brn.	clay, silt, pebbles	moist		6
17-Jul-08	382785	LB 79-81	597000	7079520	50	C	Or. - brn.	silt, sand, rocky	sl. moist		10
17-Jul-08	382786	LB 79-81	596900	7079520	105	C	Ylo-brn.	silt, sand, rocky	dry		10
17-Jul-08	382787	LB 79-81	596800	7079520	70	C	Or. - brn.	silt, sand, rocky	dry		36
17-Jul-08	382788	LB 79-81	596700	7079520	90	C	Ylo.-Or.-Brn	silt, sand, rocky	moist		20
17-Jul-08	382789	LB 79-81	596600	7079520	60	C	Red- Orange	silt, sand, rocky	moist		25
17-Jul-08	382790	LB 79-81	596400	7079520	70	C	Ylo-brn.	silt, sand, rocky	sl. moist		22
17-Jul-08	382791	LB 79-81	596300	7079520	55	C	Ylo-brn.	silt, sand, rocky	moist		10
17-Jul-08	382792	LB 79-81	596200	7079520	75	B?	Ylo- grey- brn.	silt, sand, pebbles	moist	solifluction? mixed loess?	5
17-Jul-08	382793	LB 79-81	596200	7079420	55	C	grey, brown	silt, sand, rocky	moist		8
17-Jul-08	382794	LB 79-81	596300	7079420	40	B/C	Ylo-brn., grey	silt, sand, pebbles	dry		7
22-Jul-08	382795	LB 79-81	596320	7079570	90	B/C	Ylo-brn.	silt, sand, rocky	moist	new Canyon creek road cut to 382799 B extends to 120cm top metre is pure loess	10
22-Jul-08	382796	LB 79-81	596316	7079616	130	C	Ylo-brn.	silt, sand, rocky	wet		10
22-Jul-08	382797	LB 79-81	596320	7079670	130	C	Ylo.-Or.-Brn	silt, sand, rocky	moist		25
22-Jul-08	382798	LB 79-81	596315	7079720	120	C	Ylo-brn., grey	sand, rocky	moist		60
22-Jul-08	382799	LB 79-81	596320	7079768	90	C	Ylo-brn.	silt, sand, rocky	moist		15
22-Jul-08	382800	LB 79-81	596300	7079320	75	C	Or. - brn.	sand, rocky	moist		15
22-Jul-08	382801	LB 79-81	596200	7079320	75	C	Ylo-brn.	silt, sand, rocky	moist	C starts at 60cm	10

Date	Sample #	Location	UTM E	UTM N	Depth (cm)	Horizon	Colour	Grain Size	Moisture	Description	Au ppb
22-Jul-08	382802	LB 79-81	596200	7079220	60	C	Ylo.-Or.-Brn	silt, sand, rocky	moist		5
22-Jul-08	382803	LB 79-81	596200	7079120	65	C	Ylo.-Or.-Brn	silt, sand, rocky	moist		<5
22-Jul-08	382804	LB 79-81	596100	7079120	65	C	Ylo-brn.	silt, sand, rocky	moist		40
26-Jul-08	382805	FB 5-6	614979	7069058	45	B/C	ylo	clay/sand	moist	B @ 8cm, fresh schist chips	5
26-Jul-08	382806	FB 5-6	614943	7069037	60	B/C	ylo	sand/clay	moist	B @ 10cm, weathered schist	15
26-Jul-08	382807	FB 5-6	614903	7069018	58	B/C	lt ylo	clay/sand	moist	B @ 8cm, green/grey weathered schist	15
26-Jul-08	382808	FB 5-6	614858	7068998	60	B/C	green/ylo	clay/sand	moist	B @ 10cm, qtz, chlorite schist frags	40
26-Jul-08	382809	FB 5-6	614812	7068981	60	B/C	green/grey	clay	moist	B @ 8cm, QMS + chl-musc schist	50
26-Jul-08	382810	FB 5-6	614764	7068960	55	B/C	green/ylo	clay	moist	B @ 8cm, qms frags	10
26-Jul-08	382811	FB 5-6	614718	7068955	45	B/C	ylo	clay	moist	B @ 5cm, muscovite schist	20
26-Jul-08	382812	FB 5-6	614672	7068925	50	B/C	ylo	clay/sand	moist	B @ 1-3cm, MQS frags +/- chl.	30
26-Jul-08	382813	FB 5-6	614626	7068903	60	B/C	green	clay/sand	moist	B @ 10cm, chl schist	20
26-Jul-08	382814	FB 5-6	614579	7068884	55	B/C	ylo/khaki	clay - sand	moist	B @ 6cm, many chl-qtz schist frags @ bottom	20
26-Jul-08	382815	FB 5-6	614530	7068865	70	B/C	ylo	clay/sand	moist	B @ 20cm, some qms frags @ bottom	10
26-Jul-08	382816	FB 5-6	614485	7068842	80	B/C	ylo	clay/sand	moist	B @ 12cm, Qtz-chl schist frags at bottom	10
26-Jul-08	382817	FB 5-6	614438	7068824	60	B	ylo	clay/sand	moist	B @ 20cm, permafrost @ 70cm	<5
26-Jul-08	382818	FB 5-6	614389	7068809	50	B	ylo	clay/sand	moist	B @ ~10cm, permafrost @ 60cm	<5
26-Jul-08	382819	FB 5-6	614346	7068790	68	B	ylo	clay/sand	moist	permafrost @ 78cm, some organic lumps	5
29-Jul-08	382820	FB 5-6	614771	7069066	60	B/C	ylo/brn	clay/sand	moist	B @ 10cm, qms frags	5
29-Jul-08	382821	FB 5-6	614724	7069048	60	B/C	ylo	clay/sand	moist	B @ 6cm. Mica, qms frags	<5
29-Jul-08	382822	FB 5-6	614678	7069029	80	B/C	ylo	clay/sand	moist	B @ 15cm, rock frags	<5
29-Jul-08	382823	FB 5-6	614632	7069010	70	B	ylo	clay/sand	moist	B @ 55cm, permafrost, qms frags	5
29-Jul-08	382824	FB 5-6	614585	7068991	70	B	ylo	clay/sand	moist	B @ 45cm, permafrost	<5
29-Jul-08	382825	FB 5-6	614539	7068972	55-60	B	ylo	clay/sand	moist	B @ 10cm, permafrost. MQS frags	10
29-Jul-08	382826	FB 5-6	614493	7068954	80	B	ylo	clay/sand	wet	B @ 25cm, permafrost	5
29-Jul-08	382827	FB 5-6	614446	7068935	50	B	ylo-brn	clay/sand	moist	B @ 35cm, permafrost. Qtz-chl-musc-schist	<5
29-Jul-08	382828	FB 5-6	614400	7068916	60	B	ylo-brn	clay/sand	moist	B @ 30cm, permafrost. Musc-chl-qtz-schist	<5
29-Jul-08	382829	FB 5-6	614354	7068897	80	B	ylo/grey	sand/clay	wet	B @ 45cm, permafrost. In a swampy area.	<5
29-Jul-08	382830	FB 5-6	614307	7068879	58	B	ylo-brn	clay/sand	moist	B @ 10cm, permafrost	<5
01-Aug-08	382831	FB 5-6	614975	7069185	76	B/C	ylo-brn	clay	moist	B @ 25cm. Qtz and QMS frags	<5
01-Aug-08	382832	FB 5-6	614929	7069166	80	B/C	ylo-grey	clay/sand	moist	B @ 15cm, orange schist frags	<5
01-Aug-08	382833	FB 5-6	614882	7069147	60	B/C	ylo-grey	clay/sand	moist	B @ 35cm, permafrost. QMS frags	5
01-Aug-08	382834	FB 5-6	614836	7069129	55	B/C	ylo-brn	clay/sand	moist	B @ 55cm, permafrost. Many schist frags	<5
01-Aug-08	382835	FB 5-6	614790	7069110	50	B/C	ylo	clay/sand	dry	B @ 50cm. QMS frags	10
01-Aug-08	382836	FB 5-6	614743	7069091	70	B/C	ylo	clay/sand	moist	B @ 20cm, QMS and qtz frags	10
01-Aug-08	382837	FB 5-6	614697	7069072	67	B/C	lt ylo	clay/sand	moist	B @ 35cm, permafrost. Many QMS frags	15
01-Aug-08	382838	FB 5-6	614650	7069054	70	B/C	ylo	clay/sand	moist	B @ 10cm, permafrost. QMS frags	10
01-Aug-08	382839	FB 5-6	614604	7069035	70	B/C	ylo	clay soil	moist	B @ 25cm, permafrost. Few small MQS frags	<5
01-Aug-08	382840	FB 5-6	614558	7069016	70	B/C	ylo orange	clay sand	moist	B @ 18cm, permafrost	5
01-Aug-08	382841	FB 5-6	614518	7068994	70	B/C	ylo	clay/sand	moist	B @ 12cm, permafrost. GPS unreliable, stop line.	15
02-Aug-08	382842	LB	596600	7079620	70	C	red/brown	micaceous silty sand	moist	colour chnge @ 55cm, rusty to red.	25
02-Aug-08	382843	LB	596700	7079620	60	C	buff/rust	sand with mica	moist	lots of schist fragments	40
02-Aug-08	382844	LB	596800	7079620	45	C	orange/brn	silty sand	dry	Schist fragments, micaceous	<5
02-Aug-08	382845	LB	596900	7079620	53	C	red/brown	silty sand	moist	soil micaceous	<5
02-Aug-08	382846	LB	597000	7079620	50	C	brown	silty sand	moist	schist fragments	<5
02-Aug-08	382847	LB	597000	7079720	55	C	light brn	silty sand	moist	qtz rich schist fragments, micaceous soil	<5
02-Aug-08	382848	LB	596900	7079720	40	C	light brn with grn	silty sand	moist		5
02-Aug-08	382849	LB	596800	7079720	25	C	light brn	silty sand	moist	qtz fragments and schist fragments	<5
02-Aug-08	382850	LB	596700	7079720	50	C	brown	silty sand	moist	micaceous soil. Sample 5m east from trail	<5
02-Aug-08	382851	LB	596650	7079720	50	C	orange/brn	sand with mica	slight moist	between road and trail. Schist fragments	5
02-Aug-08	382852	LB	596500	7079720	45	C	orange/brn	sand with mica	dry	schist frags, C @10cm	30
02-Aug-08	382853	LB	596500	7079820	55	C	orange/ light brn	rocky silt/ sand	moist		10

Date	Sample #	Location	UTM E	UTM N	Depth (cm)	Horizon	Colour	Grain Size	Moisture	Description	Au ppb
02-Aug-08	382854	LB	596600	7079820	75	C	orange/brn	silty sand	dry	lots of loess to ~65cm. Schist fragments	20
02-Aug-08	382855	LB	596800	7079820	45	C	light brown	rocky silt/ sand	dry	top of ridge, 3m from trail (700E was main road)	<5
03-Aug-08	382856	LB	596300	7079120	50	C	green	silty sand with mica	moist	Clasts chlorite schist	<5
03-Aug-08	382857	LB	596400	7079120	45	C	silver/grn	mica sand	moist	B horizon bright orange	10
03-Aug-08	382858	LB	596500	7079120	55	C	light brn with grn and orange	silty sand	slight moist	no B, C horizon near surface. Schist frags	5
03-Aug-08	382859	LB	596600	7079120	40	C	light brn with grn	silty sand	slight moist	angular schist frags. No B horizon	10
03-Aug-08	382860	LB	596700	7079120	85	B	grey/light brn	clay/silt	moist	45cm of organics, some rick fragments	60
03-Aug-08	382861	LB	596800	7079120	100	B/C	brn/orange	silt/clay with mica	moist	deep B horizon, mixed loess	60
03-Aug-08	382862	LB	596900	7079120	90	B	dark brn	clay/silt	very moist	micaceous soil.	15
03-Aug-08	382863	LB	596900	7079020	100	B	brn/orange	clay	wet	some clasts, mostly loess	30
03-Aug-08	382864	LB	596800	7079020	80	B	brown	clay to sand	moist	organics to bottom, angular pebbles	60
03-Aug-08	382865	LB	596700	7079020	70	C	light brn with grn	clay to sand	moist	B horizon contains clasts, transitional C horizon	20
03-Aug-08	382866	LB	596600	7079020	60	C	light brn	silty sand	moist	C horizon at surface, schist fragments	20
03-Aug-08	382867	LB	596500	7079020	50	C	brn/orange	silty sand	moist	very rocky, C horizon near surface	35
03-Aug-08	382868	LB	596400	7079020	50	C	light brn	sandy	dry	some schist fragments	10
03-Aug-08	382869	LB	596300	7079020	55	C	grn and orange	micaceous sand	dry	Abrupt C horizon at 35cm	5
03-Aug-08	382870	LB	596200	7079020	60	C	light grn	micaceous sand	dry	schist fragments	10
03-Aug-08	382871	LB	596100	7079020	75	C	orange	silty sand	moist	orange @65cm, some green	5
03-Aug-08	382872	LB	596000	7078920	85	C	brn/orange	clay and rock	slight moist	C horizon past 55cm, orange @75cm	5
04-Aug-08	382873	LB	596100	7078920	45	B	ylo	clay/sand	dry	rocky, B near surface	10
04-Aug-08	382874	LB	596200	7078920	50	C	ylo orange	clay	moist	orange @ 45cm, QMS frags	<5
04-Aug-08	382875	LB	596300	7078935	65	C	ylo orange	clay	moist	1st sample on compass line, no gps. QMS frags	30
04-Aug-08	382876	LB	596400	7078950	65	C	green	clay	moist	colour change at 55cm, QMS frags	5
04-Aug-08	382877	LB	596500	7078965	65	C	green	clay	moist	C @ 45cm, QMS frags	10
04-Aug-08	382878	LB	596600	7078980	75	C	green	clay	moist	coarse frags at 50cm, musc. schist	30
04-Aug-08	382879	LB	596700	7078995	80	C				organics to 65cm, soil getting cold	30
04-Aug-08	382880	LB	596700	7078895	60	B	ylo	clay	moist	rusty and fresh mica schist frags, permafrost	20
04-Aug-08	382881	LB	596600	7078892	75	B/C	green-ylo	clay	moist	close to permafrost, rock frags at 60cm	10
04-Aug-08	382882	LB	596500	7078889	60	C	ylo	clay	moist	rock fragments at 55cm	5
04-Aug-08	382883	LB	596400	7078886	75	C	bluish	clay	moist	very blue green, organics to 45cm	30
04-Aug-08	382884	LB	596300	7078883	75	B/C	grn/blue/ orange	clay	moist	mottled colour, some QMS	60
04-Aug-08	382885	LB	596200	7078880	65	B/C	ylo orange brn	clay/sand	moist	some QMS	20
04-Aug-08	382886	LB	596105	7078877	60	B/C	ylo orange	clay - sand	moist	weathered QMS frags	25
06-Aug-08	382887	LB	597000	7080020	50	C	Lt. brn	silt - sand	moist	B @5cm, C @45cm. Micaceous and rocky	10
06-Aug-08	382888	LB	597000	7079920	65	C	Lt. brn	silt - sand	dry	B @ 10cm, Q+schist fragments	10
06-Aug-08	382889	LB	597000	7079820	70	C	Lt. brn	silt - sand	dry	C @ 45cm	5
06-Aug-08	382890	LB	596900	7079820	55	C	Lt. grn brn	silt - sand	moist	C @ 40cm, lots if qtz and schist frags.	5
06-Aug-08	382891	LB	596900	7079920	40	C	Lt. brn	rocky silt/ sand	moist	10m from outcrop. Chl schist frags	<5
06-Aug-08	382892	LB	596700	7079920	55	C	or. Brn	silt - sand	dry	micaceous with pebbles	5
06-Aug-08	382893	LB	596600	7079920	70	C	ylw. Brn	sandy clay	moist	old cl posts nearby. Micaceous	80
06-Aug-08	382894	LB	596500	7079900	85	C	ylw. Brn	clay/sand	moist	thick moss, p.f. @ 7079920, move S. C @75	30
06-Aug-08	382895	LB	596500	7080020	60	C	ylw.brn.or	clay/sand	wet	frost at depth. Qtz frags	25
06-Aug-08	382896	LB	596600	7080020	50	C	brown	sandy	moist	angular frags	15
06-Aug-08	382897	LB	596700	7080020	90	C	or.brn.	clay/sand	moist	frost @ 90cm	<5
06-Aug-08	382898	LB	596800	7080020	45	C	Lt. brn	sandy	dry	rocky soil, angulae schist frags	5
06-Aug-08	382899	LB	596500	7080120	45	B/C	brn/orange	clay/sand	wet	frost @ 45cm	5
06-Aug-08	382900	LB	596700	7080120	45	C	Lt. brn	sandy	dry	rocky, angular schist	5
06-Aug-08	382901	LB	596800	7080120	55	C	Lt. brn	silt - sand	moist	schist frags	<5
10-Aug-08	382902	Aime 9,10	614240	7070320	40	C	brn	sandy	moist		45
10-Aug-08	382903	Aime 9,10	614300	7070390	70	C	lt. brn with orange	micaceous sandy	moist	B @ 15cm	<5
10-Aug-08	382904	Aime 9,10	614360	7070475	65	C	lt. brn with red	silty sand	moist	B @ 10cm	<5
10-Aug-08	382905	Aime 9,10	614420	7070555	70	C	orange	micaceous sand	moist	gradational C right from surface	<5

Date	Sample #	Location	UTM E	UTM N	Depth (cm)	Horizon	Colour	Grain Size	Moisture	Description	Au ppb
10-Aug-08	382906	Aime 9,10	614480	7070640	50	C	lt. brn with orange	silty sand	moist	schist frags	<5
10-Aug-08	382907	Aime 9,10	614560	7070575	50	C	orange	silty sand	moist	C @ 35cm	<5
10-Aug-08	382908	Aime 9,10	614495	7070490	40	C	lt. brn	micaceous sand	moist	schist frags	<5
10-Aug-08	382909	Aime 9,10	614435	7070420	70	C	lt. brn	micaceous sand	moist	C @ 40cm	<5
10-Aug-08	382910	Aime 9,10	614375	7070335	60	C	lt. orange	sand	moist	C @ 45cm, thick B. Schist frags	<5
10-Aug-08	382911	Aime 9,10	614320	7070260	80	C	orange	sandy	moist	C first @ 40cm, ~8cm lense of brown B @ 70.	<5
10-Aug-08	382912	Aime 9,10	614260	7070170	60	C	lt. brn	micaceous sand	moist	C shallow, gradational	<5
11-Aug-08	382913	Aime 9,10	614301	7070090	85	C	lt. brn	clay to sand	moist	fine schist and qtz frags, colour chnge @ 75cm	<5
11-Aug-08	382914	Aime 9,10	614372	7070161	65	C	brn	micaceous sand	moist	clay @ 8cm, very rocky by 60cm	<5
11-Aug-08	382915	Aime 9,10	614443	7070232	60	C	lt. orange brn	mica clay - sand	moist	colour chnge @ 40cm, permafrost @ 60cm	<5
11-Aug-08	382916	Aime 9,10	614514	7070303	60	C	lt. brn	mica silty sand	moist	C @ 55cm	<5
11-Aug-08	382917	Aime 9,10	614585	7070374	55	C	lt. brn with rust	mica silty sand	moist	lt. brn @ 30cm with schist and qtz	<5
11-Aug-08	382918	Aime 9,10	614656	7070445	60	C	orange and lt. grn	mica silty sand	slight moist	rocky by 55cm, @60cm a lighter grn mica soil	<5
11-Aug-08	382919	Aime 9,10	614727	7070516	60	C	brn with orange	mica silty sand	slight moist	clast rich soil @ 30cm.	<5
11-Aug-08	382920	Aime 9,10	614798	7070445	55	C	lt. brn	micaceous sand	dry	rocky soil @ 50cm, @55cm hit rock.	20
11-Aug-08	382921	Aime 9,10	614727	7070374	60	C	lt. brn	micaceous sand	slight moist	C @ 50cm	<5
11-Aug-08	382922	Aime 9,10	614656	7070303	70	C	lt. brn	mica silty sand	moist	C @ 60cm, frags are chloritic schist	<5
11-Aug-08	382923	Aime 9,10	614585	7070232	60	C	lt. brn	mica silty sand	moist	C @ 20cm	<5
11-Aug-08	382924	Aime 9,10	614514	7070161	65	C	lt. brn	mica silty sand	moist	clast rich soil. ***old claim posts, no markings	<5
11-Aug-08	382925	Aime 9,10	614443	7070090	70	C	lt. and drk brn	clay - sand	moist	colour @ 55cm to lt brn, rocky. P.F. @ 70cm	<5
11-Aug-08	382926	Aime 9,10	614372	7070019	90	C	lt. brn/grey/orange	mica silty sand	moist	lt. brn @ 60cm. 2cm organic layer @75cm	<5
11-Aug-08	N/S	FB 5	614583	7069396	110					loess, stopped @ permafrost. NO SAMPLE	
11-Aug-08	N/S	FB 5	614516	7069351	120					loess, ran out of auger! NO SAMPLE	
12-Aug-08	N/S	FB 1,2,7	613762	7069920	80	loess			wet	hit permafrost, NO SAMPLE	
12-Aug-08	382927	FB 1,2,7	613740	7069902	80	B	brn	clay and silt	wet	B @ 50cm, mica grain at sample depth	<5
12-Aug-08	382928	FB 1,2,7	613627	7069800	65	C	lt. brn with grn	mica silty sand	moist	C @ 60cm, frags are chloritic schist	5
12-Aug-08	382929	FB 1,2,7	613556	7069737	75	C	lt. brn	mica silty sand	moist	C @ 65-70cm. Coarse qtz/feld schist frags	<5
12-Aug-08	382930	FB 1,2,7	613485	7069666	80	C	brn and grn	silty sand	moist	C @ 75cm	<5
12-Aug-08	382931	FB 1,2,7	613414	7069595	65	C	lt. brn and orange	mica silty sand	moist	rocky @ 45cm, C @ 50cm	45
12-Aug-08	382932	FB 1,2,7	613343	7069524	80	C	lt. brn with grn	mica silty sand	slight moist	rocks @ 65cm	<5
12-Aug-08	N/S	FB 1,2,7	613272	7069453	70	loess				Loess w. rock frags to permafrost. NO SAMPLE	
12-Aug-08	382933	FB 1,2,7	613255	7069447	95	B/C	orange and brn	clay - sand	moist	contains rock frags.	30
12-Aug-08	382934	FB 1,2,7	613201	7069382	65	C	brn and blue-green	mica silty sand	moist	C @ 55cm	5
12-Aug-08	382935	FB 1,2,7	613130	7069311	75	C	lt. brn with rust	mica silty sand	moist	C @ 60cm. Next sample is start of line 2.	10
12-Aug-08	382936	FB 1,2,7	613343	7069098	60	B/C	brn with grey/blue/grn mica	mica silty sand	slight moist	lt. brn soil starts at 55cm. Difficult to recover.	5
12-Aug-08	382937	FB 1,2,7	613414	7069169	65	B	brn with rust	clay - sand	slight moist	large schist frags chloritic	10
12-Aug-08	382938	FB 1,2,7	613485	7069240	60	B/Loess	red brn	clay - sand	slight moist	mica flakes. Large schist frags in loess @ 55cm	<5
12-Aug-08	N/S	FB 1,2,7	613556	7069311	85	loess				loess to permafrost. NO SAMPLE.	
12-Aug-08	N/S	FB 1,2,7	613597	7069360						test point hit permafrost. NO SAMPLE	
12-Aug-08	382939	FB 1,2,7	613633	7069400	65	B	drk brn	clay - sand	moist	sample contains organics and rock	400
12-Aug-08	382940	FB 1,2,7	613694	7069473	65	B	drk brn	clay - sand	moist	rocks @ 55cm. Organics and rock in sample	15
12-Aug-08	382941	FB 1,2,7	613761	7069551	60	B	brn with rust	clay - sand	moist	qms frags	<5
12-Aug-08	N/S	FB 1,2,7	613826	7069630	80	loess				loess to permafrost. NO SAMPLE.	
12-Aug-08	N/S	FB 1,2,7	613892	7069707	100	loess				loess to permafrost. NO SAMPLE.	
14-Aug-08	382942	LLIB	596000	7078520	55	C	lt. brn	silty sand	moist	schist frags	20
14-Aug-08	382943	LLIB	596100	7078520	75	C	Lt. brn with red	silty sand	moist	thin organics, soil rocky from top. C @ 60cm	15
14-Aug-08	382944	LLIB	596200	7078520	85	B/C	brn/grey/red	clay - sand	moist	organics to 50cm, hit permafrost. Pebbles in B.	35
14-Aug-08	382945	LLIB	596300	7078520	90	B/C	drk brn	clay/silt with mica	wet	organics and loess in sample. Permafrost	10
14-Aug-08	382946	LLIB	596300	7078620	60	C	lt brn and orange	clay - sand	moist	rusty. Large schist frags	15
14-Aug-08	382947	LLIB	596200	7078620	70	C	brn	mica silty sand	moist	C @ 35cm. Mica schist frags	5
14-Aug-08	382948	LLIB	596100	7078620	70	C	lt. greenish brn	mica silty sand	slight moist	micaceous B @ 50cm. C @ 55cm.	15
14-Aug-08	382949	LLIB	596000	7078620	70	C	lt brn and grn	mica silty sand	moist	grn layer ~65cm. Sample rocky	5

Date	Sample #	Location	UTM E	UTM N	Depth (cm)	Horizon	Colour	Grain Size	Moisture	Description	Au ppb
14-Aug-08	382950	LLIB	595900	7078620	60	C	rusty brn	mica clay - sand	moist	angular schist frags.	10
11-Aug-08	382951	Aime 4,5,7	616000	7067600	70	C	lt. brn	clay - sand	moist	B 10- 45, schist fragments	10
11-Aug-08	382952	Aime 4,5,7	616000	7067700	40	C	lt. brn	clay - sand	moist	C starts at 20cm. Rocky, schist fragments.	20
11-Aug-08	382953	Aime 4,5,7	616000	7067800	45	C	Lt. grn brn	silty sand	dry	B 5- 25cm	10
11-Aug-08	382954	Aime 4,5,7	616000	7067900	50	C	light grey	silty sand	dry	C starts at 20cm. Micaceous, schist frags.	<5
11-Aug-08	382955	Aime 4,5,7	616000	7068000	60	C	lt. grey-green	clay - sand	dry	B 5- 15cm. Micaceous.	10
11-Aug-08	382956	Aime 4,5,7	616000	7068100	60	C	lt. grey-green	clay - sand	moist	C starts at 35cm. Micaceous.	<5
11-Aug-08	382957	Aime 4,5,7	616000	7068200	110	C	grey-green	clay - sand	moist	Pure loess 5- 60cm. Mixed loess 60- 95cm.	<5
11-Aug-08	382958	Aime 4,5,7	616000	7068300	80	C	light grey	clay - sand	moist	Qtz. Pebbles at surface. Mixed loess to 65cm.	<5
11-Aug-08	382959	Aime 4,5,7	616000	7068400	55	C	brn/orange	clay - sand	moist	Brown, micaceous B to 40cm. Mixed B/C below?	5
11-Aug-08	382960	Aime 4,5,7	616000	7068500	55	C	lt. brn	clay - sand	moist	micaceous, schist frags.	<5
11-Aug-08	382961	Aime 4,5,7	616000	7068600	60	B/C	brn	clay - sand	dry	micaceous, schist frags.	10
14-Aug-08	382962	LLIB	595800	7078620	75	C	orange brn and rust	mica clay - sand	wet	fine grained. Hit permafrost.	<5
14-Aug-08	382963	LLIB	595800	7078520	70	C	lt. brn with rust	mica silty sand	moist		<5
14-Aug-08	382964	LLIB	595910	7078520	60	C	lt. brn, minor rust	mica silty sand	dry	many small pebble sized clasts.	5
16-Aug-08	382965	WIN 72, 74, 76	595000	7084150	70	C	yellow brn	mica silty sand	dry	shallow C @ 15-20cm. Schist frags	<5
16-Aug-08	382966	WIN 72, 74, 76	594900	7084150	55	C	lt. brn and brn	mica silty sand	moist	C @ 55cm, very rocky, 2 holes needed	10
16-Aug-08	382967	WIN 72, 74, 76	594800	7084150	60	B/C	brn	mica silty sand	moist	micaceous schist frags and rust	10
16-Aug-08	382968	WIN 72, 74, 76	594700	7084150	70	C	lt. brn	mica silty sand	moist	clay below white layer @ 10cm	45
16-Aug-08	382969	WIN 72, 74, 76	594600	7084150	60	C	yellow brn	mica silty sand	moist	large schist frags	245
16-Aug-08	382970	WIN 72, 74, 76	594500	7084150	35	B/C	orangey brn	sand w mica and silt	moist	slope steep and rocky, 2 holes needed	10
16-Aug-08	382971	WIN 72, 74, 76	594400	7084150	70	B/C	brn	clay and mica	moist	weathered schist pebbles	<5
16-Aug-08	382972	WIN 72, 74, 76	594300	7084150	65	C	orange	mica clay - sand	dry	bright orange @ surface, lrg schist frags. Rocky	<5
16-Aug-08	382973	WIN 72, 74, 76	594200	7084150	40	C	lt brn	mica silty sand	moist	very rocky, 2 holes. Bedrock appears shallow.	5
16-Aug-08	382974	WIN 72, 74, 76	594100	7084150	50	B	brn	clay	moist	clay with schist frags, likely right above bedrock	10
16-Aug-08	382975	WIN 72, 74, 76	594000	7084150	55	B/C	brn	clay - sand	moist	brn to lt brn @ 15cm, rocky	10

Appendix 3.

2008 Soil Geochemistry Summary

Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
382751	41	6.5	0.12	7.0	61.0	0.10	<0.01	<0.01	0.3	1.0	9.92	3.83	1.2	35	0.29	9.0	<0.01	6	4.96	0.139	0.4	816.0	106.50	0.88	1.16	0.5	0.4	154.0	0.02	9.0	0.001	0.30	1.3	<2	<0.1	4.4
382752	32	4.9	0.25	6.2	51.0	0.28	<0.01	0.02	0.9	3.0	7.52	1.94	1.2	40	0.13	12.5	0.04	19	4.08	0.066	1.7	403.0	92.97	0.34	1.54	0.6	0.4	70.0	<0.02	8.6	0.004	0.18	0.9	4	<0.1	8.7
382753	35	3.8	0.80	8.4	220.0	0.16	0.02	0.03	2.7	11.0	12.84	2.30	2.3	50	0.10	18.0	0.17	65	2.44	0.046	7.0	304.0	41.42	0.20	1.40	1.5	0.4	26.5	0.02	8.8	0.013	0.16	0.9	18	<0.1	20.5
382754	6	0.1	0.66	3.7	224.0	0.14	0.06	0.04	1.8	4.0	6.40	0.88	3.5	10	0.05	74.5	0.43	64	0.72	0.031	2.0	92.0	20.45	<0.02	0.24	2.4	0.8	6.0	<0.02	17.6	0.034	0.10	1.9	6	<0.1	28.2
382755	4	0.4	0.46	6.5	729.0	0.14	0.07	0.17	1.6	4.5	5.80	0.65	2.8	20	0.05	28.5	0.07	33	1.01	0.035	3.2	178.0	26.67	0.02	0.24	0.7	0.3	11.0	<0.02	3.1	0.005	0.08	0.8	14	<0.1	14.3
382756	8	0.1	0.65	5.5	183.5	0.20	0.05	0.05	2.0	10.0	8.86	0.98	2.7	15	0.04	29.5	0.16	63	1.76	0.033	5.1	60.0	27.78	<0.02	0.28	1.2	0.3	5.0	<0.02	10.9	0.010	0.06	1.0	18	<0.1	17.0
382757	3	0.1	0.69	5.1	203.0	0.12	0.07	0.03	2.5	8.5	8.50	1.06	2.9	5	0.05	31.5	0.32	85	0.73	0.035	4.5	79.0	16.33	<0.02	0.22	1.4	0.4	8.0	<0.02	9.8	0.020	0.08	0.9	16	<0.1	25.0
382758	4	0.2	0.74	7.6	207.0	0.20	0.07	0.05	1.8	9.5	5.20	1.13	3.5	10	0.05	18.5	0.22	74	1.12	0.035	4.0	85.0	23.42	<0.02	0.22	1.1	0.2	6.5	<0.02	5.6	0.007	0.08	0.6	24	<0.1	20.1
382759	3	0.1	1.11	4.9	159.0	0.18	0.04	0.05	3.1	12.0	7.83	1.42	3.7	10	0.06	33.0	0.62	121	1.03	0.035	6.0	68.0	18.62	<0.02	0.24	1.7	0.4	5.5	0.02	14.7	0.015	0.08	1.0	18	<0.1	36.7
382760	15	0.1	0.60	12.2	384.5	0.18	0.03	0.03	1.6	8.0	7.99	0.84	3.6	20	0.04	74.5	0.22	66	0.99	0.033	3.6	56.0	31.31	<0.02	0.28	1.6	0.7	7.0	0.02	16.5	0.006	0.06	1.7	10	<0.1	25.0
382761	6	0.1	0.54	9.4	329.0	0.14	0.12	0.05	2.6	7.0	7.57	0.88	2.9	10	0.05	36.0	0.33	130	0.99	0.040	4.1	85.0	21.24	<0.02	0.22	1.7	0.4	11.5	<0.02	13.8	0.011	0.08	1.3	8	<0.1	31.4
382762	2	0.1	0.24	3.2	128.0	0.12	0.01	0.02	0.7	2.5	2.71	0.35	0.9	5	0.03	9.5	0.04	17	0.58	0.031	1.5	29.0	11.52	<0.02	0.12	0.4	0.2	2.5	<0.02	7.4	0.002	0.04	0.5	4	<0.1	5.9
382763	2	0.1	0.57	6.0	448.0	0.14	0.12	0.05	2.6	9.5	6.98	0.99	2.3	15	0.04	23.0	0.17	96	0.79	0.038	5.8	157.0	12.75	<0.02	0.26	1.3	0.4	9.5	<0.02	8.0	0.015	0.04	1.2	18	<0.1	19.7
382764	9	0.1	2.71	5.2	208.5	0.10	0.43	0.06	20.6	17.5	74.98	5.08	9.5	45	0.03	18.0	2.19	1023	0.99	0.036	17.5	637.0	7.70	0.02	0.48	12.6	0.6	13.0	<0.02	5.2	0.018	0.04	0.5	120	<0.1	84.9
382765	103	8.6	0.08	6.1	119.5	0.22	0.14	0.11	0.4	<0.5	48.78	1.24	0.6	5055	0.04	1.5	0.02	6	5.63	0.046	0.3	292.0	3022.00	0.20	8.06	0.5	8.0	16.0	2.44	1.3	0.001	0.04	0.1	8	<0.1	104.5
382766	72	16.0	0.17	10.9	19.0	0.18	0.13	0.32	1.2	1.5	85.07	3.67	1.0	9800	0.08	1.5	0.03	23	1.70	0.119	1.1	621.0	4563.00	0.58	13.06	0.9	10.7	37.5	1.60	2.0	0.001	0.06	0.3	14	<0.1	320.0
382767	64	15.6	0.22	15.4	10.5	0.14	0.12	0.59	2.0	1.0	113.10	6.09	1.4	8675	0.09	1.0	0.03	31	1.33	0.163	1.4	614.0	3604.00	0.76	18.44	1.5	10.2	32.0	1.26	2.1	0.001	0.06	0.5	20	<0.1	791.4
382768	44	9.3	0.20	9.4	14.5	0.12	0.12	0.64	2.8	1.0	78.33	6.31	1.7	5865	0.13	1.0	0.03	62	0.58	0.183	1.7	490.0	2093.00	0.92	9.76	1.7	7.1	28.5	0.76	2.0	0.001	0.06	0.5	20	<0.1	994.9
382769	52	16.1	0.32	6.3	88.0	1.02	0.16	0.63	3.7	2.0	62.94	5.22	1.8	18880	0.06	1.5	0.14	107	0.78	0.047	2.4	489.0	6511.00	0.32	6.10	1.6	14.1	9.5	2.52	1.4	0.003	0.06	0.3	26	<0.1	478.4
382770	54	1.1	1.14	3.7	155.0	0.12	0.14	1.67	20.6	2.0	43.54	7.04	2.7	315	0.01	5.0	0.52	990	0.34	0.034	8.2	760.0	35.12	0.04	0.24	9.9	1.1	6.0	0.56	2.9	0.001	<0.02	0.8	40	<0.1	874.8
382771	41	1.4	1.84	11.5	256.5	0.14	0.65	2.47	21.2	20.0	101.70	5.32	5.2	585	0.04	9.0	1.09	928	1.23	0.042	18.1	533.0	232.60	0.06	0.78	8.3	1.2	25.0	0.14	3.0	0.008	0.04	1.7	62	<0.1	458.1
382772	73	2.2	1.42	12.0	202.5	0.14	0.34	6.49	26.5	16.0	138.40	5.97	4.0	1040	0.03	8.5	0.85	1094	0.97	0.038	20.4	499.0	397.30	0.04	0.96	9.2	1.3	13.5	0.16	2.8	0.004	0.02	1.6	62	<0.1	1119.0
382773	153	4.1	2.30	19.0	126.0	0.18	0.34	14.46	36.5	12.5	194.50	7.16	6.3	1965	0.04	5.5	1.81	1702	1.35	0.050	16.4	809.0	812.00	0.16	1.10	9.9	1.3	32.5	0.24	2.9	0.003	0.04	1.5	64	<0.1	1379.0
382774	72	2.5	2.09	12.0	108.0	0.14	0.29	10.07	14.3	7.0	226.10	6.05	6.3	1630	0.05	8.0	1.79	1075	0.91	0.102	9.0	801.0	790.00	0.36	1.20	7.6	1.3	38.5	0.20	3.0	0.002	0.02	1.1	48	<0.1	1684.0
382775	9	0.1	2.62	5.2	371.0	0.12	0.15	0.09	11.7	75.0	31.81	3.65	7.6	60	0.04	37.5	1.95	272	1.27	0.037	18.8	303.0	11.75	0.02	0.42	5.8	0.5	6.5	0.02	6.9	0.009	0.04	0.4	42	<0.1	82.8
382776	7	0.3	1.75	2.1	57.0	0.06	2.63	0.10	26.8	8.0	40.45	6.52	6.0	100	0.01	3.0	1.25	976	0.92	0.041	11.0	512.0	8.72	0.30	0.20	14.8	0.4	15.0	<0.02	2.2	0.005	<0.02	0.6	102	<0.1	87.8
382777	13	1.1	1.24	5.9	239.5	0.22	0.99	0.52	16.8	14.0	53.69	4.84	3.8	275	0.02	4.5	0.77	743	1.75	0.039	10.4	550.0	81.55	0.08	1.26	5.3	3.8	18.5	0.26	1.4	0.002	<0.02	0.7	50	<0.1	257.5
382778	18	0.6	1.44	7.3	143.0	0.42	0.53	0.19	7.2	18.0	28.42	4.27	5.0	110	0.06	7.5	1.01	302	2.43	0.069	13.7	512.0	15.14	0.20	0.54	3.7	2.4	31.5	0.20	2.7	0.014	0.04	0.7	46	<0.1	109.7
382779	5	0.1	1.16	8.4	336.0	0.10	0.60	0.09	9.8	35.0	21.83	2.32	3.6	65	0.04	11.5	0.62	290	0.83	0.045	25.4	649.0	7.52	0.02	0.42	3.7	0.5	28.0	0.04	2.8	0.030	0.04	1.7	38	<0.1	55.2
382780	3	0.1	1.53	9.5	227.5	0.06	0.38	0.05	14.1	63.5	35.55	2.64	4.2	60	0.03	8.0	1.03	361	0.65	0.043	40.5	420.0	5.95	0.02	0.40	4.9	0.3	14.5	0.02	2.4	0.037	0.04	0.5	40	<0.1	71.5
382781	4	0.2	0.94	8.9	506.0	0.14	0.79	0.16	11.8	41.0	34.80	2.81	5.1	85	0.05	13.0	0.43	425	0.82	0.025	32.5	224.0	10.26	0.48	0.58	5.0	0.5	39.0	<0.02	3.0	0.027	0.04	2.5	52	<0.1	51.2
382782	4	0.2	1.68	6.8	538.5	0.12	1.07	0.17	11.0	43.0	30.67	2.65	5.2	65	0.05	12.0	0.83	429	0.79	0.047	30.5	464.0	9.42	0.04	0.72	4.8	0.6	48.0	0.02	2.7	0.024	0.04	2.5	46	<0.1	54.3
382783	5	0.2	1.94	7.1	441.0	0.14	0.61	0.07	13.3	52.5	36.58	3.06	5.7	60	0.05	12.5	1.10	464	0.78	0.043	33.3	375.0	9.41	0.02	0.60	5.7	0.4	28.5	0.02	3.9	0.026	0.04	1.6	54	<0.1	55.3
382784	6	0.1	2.01	5.0	299.5	0.08	0.44	0.05	14.6	81.0	39.14	3.18	6.3	55	0.04	12.0	1.57	446	0.56	0.039	45.9	454.0	8.10	0.02	0.48	6.8	0.3	17.0	<0.02	4.1	0.032	0.04	0.4	52	<0.1	61.6
382785	10	0.1	1.80	7.1	367.0	0.10	0.33	0.04	11.4	58.5	44.67	2.66	5.3	55	0.04	11.5	0.99	312	0.73	0.041	33.2	115.0	7.89	0.02	0.44	6.0	0.3	16.5	0.02	3.7	0.028	0.04	0.5	48	<0.1	53.3
382786	10	0.2	0.84	8.7	229.0	0.04	1.06	0.17	17.0	69.0	38.83	2.66	3.8	30	0.02	5.5	0.91	530	0.50	0.029	46.4	492.0	5.02	0.30	0.26	3.7	0.2	24.5	<0.02	1.9	0.033	0.04	0.4	36	<0.1	67.6</

Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
382812	30	0.1	1.66	9.4	193.0	0.12	0.49	0.06	12.7	31.0	39.01	3.20	4.5	25	0.02	8.0	0.89	579	0.47	0.040	22.6	478.0	8.49	0.04	0.46	5.6	0.7	12.0	<0.02	1.9	0.011	0.02	0.8	50	0.4	61.0
382813	20	0.3	1.49	6.1	92.5	0.12	0.50	1.09	15.3	16.0	64.34	3.41	4.0	40	0.02	7.5	0.85	1046	1.05	0.035	17.3	902.0	15.16	0.06	0.26	5.9	0.7	9.0	<0.02	2.2	0.004	0.02	0.3	54	0.9	145.7
382814	20	0.2	1.76	5.4	110.5	0.06	0.66	0.13	13.8	20.0	46.62	3.61	4.7	15	0.02	5.5	1.20	887	0.57	0.037	16.0	862.0	5.09	0.06	0.30	5.9	0.7	11.5	<0.02	1.1	0.005	<0.02	0.3	50	0.6	68.1
382815	10	0.2	1.48	7.5	255.5	0.12	1.09	0.20	11.1	23.5	46.85	2.92	4.2	125	0.02	8.5	0.73	461	0.70	0.039	20.6	601.0	7.96	0.08	0.60	4.0	1.0	23.5	<0.02	1.2	0.012	0.04	1.6	42	0.5	62.6
382816	10	0.3	1.96	8.5	193.5	0.16	0.60	0.24	16.0	30.0	89.33	3.95	5.5	20	0.02	8.0	1.25	1047	0.96	0.037	21.0	697.0	7.09	0.06	0.66	7.6	0.8	12.5	0.04	1.4	0.008	0.02	0.6	72	2.5	79.0
382817	<5	0.2	1.13	7.1	212.5	0.10	1.65	0.14	9.5	16.5	34.62	2.26	3.3	40	0.02	6.5	0.57	573	0.68	0.038	15.3	640.0	6.74	0.08	0.52	1.9	1.0	38.0	<0.02	0.7	0.008	0.02	1.3	32	0.5	45.2
382818	<5	0.2	1.26	10.4	471.0	0.16	1.28	0.38	11.6	23.5	44.36	2.58	3.8	40	0.04	11.5	0.56	570	1.07	0.046	32.7	712.0	10.05	0.08	1.20	2.5	1.1	37.0	0.04	1.2	0.017	0.06	1.4	40	0.4	64.5
382819	5	0.2	1.26	10.7	486.5	0.16	1.21	0.45	9.9	23.5	39.53	2.55	3.8	25	0.04	10.0	0.56	507	0.82	0.046	29.5	622.0	9.81	0.06	0.96	2.5	0.9	35.5	0.04	1.1	0.016	0.04	0.8	42	0.2	64.3
382820	5	0.1	2.09	9.6	237.0	0.14	0.47	0.12	15.0	17.5	38.31	4.05	5.8	25	0.03	8.5	1.15	612	0.59	0.038	14.9	456.0	8.93	0.04	0.52	6.7	0.6	14.0	<0.02	2.0	0.018	0.02	0.4	80	0.2	64.6
382821	<5	0.2	1.58	3.1	147.5	0.12	0.32	0.29	11.5	7.5	41.37	2.98	4.9	5	0.02	13.0	1.04	1940	0.33	0.034	7.1	701.0	4.19	0.04	0.16	5.3	0.8	8.5	<0.02	2.5	0.002	<0.02	0.2	26	0.1	61.9
382822	<5	0.2	1.67	10.2	401.5	0.18	0.63	0.25	11.3	26.5	39.94	2.98	4.8	40	0.03	11.0	0.71	503	0.82	0.052	24.5	550.0	10.24	0.06	0.82	4.7	0.7	23.5	0.04	2.4	0.020	0.06	0.6	56	0.2	69.6
382823	5	0.3	1.71	8.4	278.0	0.14	0.78	0.18	12.1	28.5	44.09	3.36	4.9	30	0.02	9.5	0.91	532	0.93	0.043	23.0	566.0	14.85	0.06	0.58	5.5	0.9	23.5	<0.02	1.7	0.014	0.02	0.8	56	0.2	74.0
382824	<5	0.1	1.64	8.3	274.5	0.14	0.91	0.13	12.4	34.0	39.72	3.10	4.5	40	0.02	9.0	0.85	595	0.67	0.042	22.7	596.0	8.10	0.06	0.56	4.5	0.8	26.0	<0.02	1.3	0.013	0.02	1.1	54	0.2	57.6
382825	10	0.2	1.36	8.3	170.5	0.12	0.85	0.28	12.5	25.5	43.48	2.89	3.8	25	0.02	7.5	0.76	674	0.76	0.040	18.4	724.0	8.14	0.06	0.52	3.7	0.7	19.5	<0.02	1.2	0.009	<0.02	0.6	40	0.4	68.3
382826	5	0.4	1.45	8.3	213.5	0.12	0.75	0.21	12.4	26.5	70.06	2.83	4.1	30	0.03	8.5	0.76	648	0.64	0.087	20.1	623.0	14.08	0.08	0.52	4.6	0.7	20.5	0.02	1.4	0.013	0.02	0.6	44	0.3	74.8
382827	<5	0.1	1.16	7.4	178.0	0.10	0.99	0.11	9.0	19.5	24.35	2.27	3.3	25	0.02	7.5	0.57	390	0.52	0.043	15.0	558.0	6.16	0.08	0.38	2.6	0.7	23.5	<0.02	1.0	0.011	0.02	0.7	36	0.5	44.2
382828	<5	0.1	1.32	9.2	234.5	0.12	0.87	0.18	11.0	21.0	30.10	2.59	3.6	30	0.02	9.0	0.61	531	0.54	0.038	18.4	657.0	7.39	0.06	0.56	3.2	0.8	22.5	<0.02	1.3	0.014	0.02	0.9	42	0.3	50.9
382829	<5	0.2	1.09	9.6	352.0	0.16	1.84	0.44	9.0	21.5	47.76	2.24	3.5	35	0.05	10.5	0.70	434	0.91	0.052	26.4	802.0	9.40	0.06	1.08	3.2	1.0	52.5	<0.02	2.5	0.024	0.08	0.9	36	0.2	74.3
382830	<5	0.2	1.33	10.5	421.5	0.16	0.84	0.29	10.3	24.0	39.07	2.56	3.8	35	0.03	11.0	0.55	550	0.75	0.050	26.1	678.0	9.30	0.08	0.88	3.2	1.1	25.5	<0.02	1.7	0.016	0.06	1.0	44	0.3	57.3
382831	<5	0.2	1.67	10.5	296.0	0.42	0.51	0.23	12.8	27.5	41.97	2.94	4.9	25	0.03	11.5	0.78	477	0.63	0.040	22.6	479.0	10.86	0.06	0.54	5.5	0.7	18.0	0.06	3.1	0.020	0.04	0.8	52	0.2	54.6
382832	<5	0.2	1.56	11.1	352.5	0.32	0.82	0.14	10.9	20.5	54.68	2.93	4.6	60	0.02	12.0	0.74	413	0.62	0.034	22.7	584.0	8.51	0.06	0.70	4.2	1.1	24.5	0.04	1.7	0.012	0.02	1.0	46	0.2	52.8
382833	5	0.3	1.60	13.7	218.0	0.32	0.93	0.27	10.4	13.0	87.65	3.33	4.9	25	0.02	9.0	0.74	585	0.69	0.038	15.0	661.0	7.25	0.08	0.40	4.6	1.3	23.5	0.04	1.2	0.010	0.02	0.7	44	0.2	57.7
382834	<5	0.2	1.59	11.7	237.0	0.20	0.61	0.25	10.1	12.5	43.43	3.33	4.6	30	0.02	9.5	0.68	897	0.62	0.038	13.4	696.0	9.96	0.06	0.44	5.3	0.9	16.0	<0.02	1.6	0.012	0.02	0.6	36	0.1	60.4
382835	10	0.2	1.60	11.7	254.0	0.16	0.49	0.12	9.8	17.0	36.31	3.28	4.8	30	0.03	10.0	0.66	471	0.60	0.040	15.9	678.0	8.57	0.04	0.54	5.5	0.7	16.5	<0.02	2.0	0.016	0.02	0.6	44	0.3	58.4
382836	10	0.2	1.68	10.2	225.0	0.14	0.68	0.13	11.6	16.0	34.78	3.47	4.8	25	0.03	8.5	0.81	557	0.59	0.038	15.0	624.0	13.37	0.06	0.50	5.4	0.7	19.0	<0.02	1.8	0.017	0.02	0.5	56	3.7	59.0
382837	15	0.2	1.43	7.1	360.0	0.10	1.47	0.13	8.6	14.0	35.70	2.51	3.8	45	0.02	9.0	0.68	586	0.44	0.040	17.7	650.0	7.16	0.08	0.74	2.6	1.1	44.0	0.04	0.8	0.010	0.02	1.9	42	0.8	44.3
382838	10	0.2	1.57	8.3	334.0	0.14	1.18	0.25	9.9	19.0	39.73	2.85	4.4	35	0.03	9.5	0.75	585	0.55	0.042	19.4	506.0	8.72	0.06	0.72	4.0	0.9	38.0	<0.02	1.3	0.016	0.04	1.5	50	0.2	57.5
382839	<5	0.2	1.20	9.8	459.0	0.14	0.95	0.21	8.9	21.5	33.13	2.41	3.5	30	0.03	11.5	0.58	475	0.79	0.042	24.3	743.0	9.52	0.06	0.94	3.0	0.7	31.5	0.02	1.9	0.019	0.04	0.6	40	0.4	60.2
382840	5	0.1	1.00	10.2	329.5	0.14	1.34	0.26	8.4	19.5	30.67	2.25	3.1	35	0.03	10.5	0.66	498	1.02	0.044	23.7	718.0	9.64	0.06	0.94	2.9	0.7	35.0	0.04	2.4	0.020	0.04	0.6	34	0.6	60.5
382841	15	0.2	1.08	11.0	386.0	0.16	1.46	0.29	9.1	21.0	34.19	2.42	3.5	35	0.04	11.0	0.68	462	0.94	0.047	26.4	735.0	10.56	0.04	1.06	3.0	0.7	34.0	0.04	2.5	0.021	0.06	0.5	36	0.4	68.8
382842	25	2.0	0.22	9.4	77.5	2.32	0.25	4.40	32.0	2.0	16.98	8.78	0.5	175	0.02	2.0	0.07	1711	2.47	0.034	15.4	1077.0	110.50	0.32	0.50	3.5	7.6	7.0	0.88	2.4	0.001	<0.02	0.2	28	<0.1	431.0
382843	40	0.4	2.01	6.2	77.5	0.28	0.16	0.10	8.0	3.5	31.61	6.03	6.2	55	0.06	14.5	1.43	692	0.45	0.134	3.2	976.0	15.10	0.54	0.18	6.5	1.4	56.0	0.12	5.0	0.002	<0.02	1.3	10	<0.1	83.7
382844	<5	<0.1	1.32	7.9	197.5	0.02	0.23	0.04	11.5	66.5	44.95	2.22	3.8	10	0.02	9.5	1.04	273	0.49	0.027	41.4	288.0	4.28	0.04	0.40	3.5	0.8	9.5	0.02	1.6	0.023	<0.02	0.7	32	<0.1	54.4
382845	<5	0.1	1.89	7.1	445.0	0.10	0.26	0.05	12.0	59.0	25.60	2.76	5.4	10	0.04	6.5	1.16	561	0.89	0.038	32.4	186.0	8.69	0.06	0.52	4.8	0.4	15.0	0.02	2.3	0.015	0.04	0.3	56	0.1	46.3
382846	<5	0.1	1.77	9.1	424.5	0.12	0.38	0.05	10.2	46.0	36.82	2.90	5.0	30	0.04	12.0	0.98	402	0.74	0.040	29.8	230.0	9.34	0.04	0.76	6.6	0.6	17.5	<0.02	3.8	0.022	0.04	0.6	54	0.1	52.3
382847	<5	0.1	1.82	8.2	359.5	0.12	0.28	0.07	12.2	38.5	33.11	2.89	5.2	25	0.03	11.5	1.05	438	0.78	0.037	24.8	207.0	8.12	0.04	0.56	5.1	0.6	15.0	<0.02	3.3	0.028	0.04	0.4	54	0.1	53.7
382848	5	0.2	1.77	8.7	431.5	0.12																														

Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
382874	<5	0.2	0.66	114.3	250.0	0.12	0.24	0.12	19.1	17.0	83.51	4.36	2.4	65	0.03	12.0	0.27	380	3.30	0.037	58.7	535.0	14.58	0.02	2.60	5.1	1.8	10.5	0.06	6.3	0.003	0.04	1.3	32	0.1	103.8
382875	30	0.4	0.82	3.4	41.0	0.32	5.56	0.18	20.9	9.0	38.98	5.00	2.3	30	0.02	2.0	0.74	913	0.71	0.035	11.6	796.0	5.86	0.02	0.44	7.1	0.6	25.5	0.06	2.4	0.005	<0.02	0.5	40	<0.1	78.6
382876	5	0.2	1.96	4.4	134.5	0.20	0.81	0.05	16.1	24.5	82.24	4.02	5.9	45	0.02	8.0	1.60	926	0.41	0.036	17.5	653.0	6.36	0.02	0.58	7.6	0.6	13.5	0.06	4.0	0.008	<0.02	0.3	60	0.1	53.2
382877	10	0.5	0.82	4.3	115.5	0.68	1.38	0.05	7.2	7.0	18.74	2.23	2.7	30	0.01	26.0	0.58	466	0.54	0.034	7.2	396.0	6.47	0.02	0.40	4.9	0.7	9.0	0.10	7.1	0.003	<0.02	0.9	20	0.1	22.2
382878	30	0.4	0.89	4.9	250.0	0.18	1.48	0.26	11.6	31.0	33.93	3.53	2.8	60	0.03	9.5	0.68	642	1.41	0.037	21.9	848.0	13.40	0.02	0.50	4.0	0.4	25.5	0.04	5.3	0.005	0.02	0.6	32	0.1	110.5
382879	30	0.5	1.98	10.9	202.5	0.10	2.99	0.52	20.3	14.0	73.09	4.10	5.2	55	0.02	10.5	1.46	1143	0.87	0.038	14.5	591.0	31.38	0.06	0.64	6.7	0.6	31.0	0.02	2.4	0.005	0.02	1.3	52	0.1	83.3
382880	20	0.8	1.80	12.6	293.0	0.14	1.21	0.47	18.7	19.0	84.77	4.14	5.0	50	0.03	7.5	1.14	960	1.17	0.049	17.4	484.0	24.41	0.10	0.78	5.9	0.9	34.0	0.06	1.7	0.009	0.04	2.4	50	0.1	86.0
382881	10	0.3	1.40	4.9	320.0	0.18	1.29	0.20	9.1	27.0	30.17	2.82	4.0	40	0.03	11.0	0.92	510	0.84	0.041	16.8	582.0	15.04	0.04	0.54	3.9	0.3	24.5	0.02	4.9	0.010	0.04	0.7	34	0.1	67.1
382882	5	0.3	1.43	8.0	324.0	0.18	1.93	0.22	11.6	30.5	41.08	2.97	4.1	45	0.03	11.5	0.96	546	0.94	0.045	23.8	621.0	16.13	0.04	0.86	4.2	0.5	35.0	0.02	4.0	0.019	0.04	0.6	44	0.2	73.3
382883	30	0.7	2.40	3.8	42.5	0.40	0.31	0.04	19.0	71.5	57.96	4.29	8.2	20	<0.01	3.5	2.17	655	0.09	0.034	20.4	541.0	5.96	0.02	0.94	15.9	0.4	9.0	0.14	1.2	0.005	<0.02	0.2	132	<0.1	38.4
382884	60	0.4	1.51	2.7	85.5	0.42	2.68	0.17	16.9	17.0	30.36	3.58	4.1	30	0.01	4.0	1.26	1154	0.36	0.035	17.5	389.0	7.09	0.04	0.34	5.6	0.4	28.5	0.06	3.2	0.001	<0.02	0.4	36	<0.1	55.3
382885	20	0.5	0.25	25.2	250.0	0.12	4.21	0.25	16.9	15.5	45.58	3.58	1.2	70	0.03	8.5	0.97	455	0.50	0.038	30.4	931.0	23.77	0.04	1.00	3.5	0.9	60.0	0.04	5.5	0.005	0.02	1.0	24	<0.1	97.4
382886	25	0.5	0.38	128.5	205.0	0.10	0.15	0.32	15.4	10.0	75.41	4.34	1.3	55	0.03	14.0	0.09	283	3.23	0.033	47.8	659.0	14.64	0.02	0.86	5.7	1.6	9.0	0.04	5.0	0.003	0.02	1.3	22	<0.1	109.8
382887	10	0.3	1.72	8.1	211.0	0.10	0.99	0.07	13.5	50.0	46.62	3.06	6.0	45	0.03	17.5	1.39	493	0.66	0.037	29.3	296.0	9.51	0.04	0.56	7.2	0.8	17.5	0.04	3.7	0.010	0.02	0.6	64	0.1	67.7
382888	10	0.4	2.39	9.5	360.0	0.04	0.52	0.33	22.2	128.5	94.93	4.29	8.4	25	0.03	18.5	2.98	739	1.12	0.034	71.0	684.0	14.29	0.04	0.90	19.9	1.0	16.0	0.02	6.3	0.011	0.02	1.6	90	<0.1	94.2
382889	5	0.4	1.71	6.8	378.0	0.18	0.82	0.17	14.3	37.5	45.29	3.50	5.6	25	0.04	13.5	1.40	601	0.68	0.040	24.3	548.0	12.92	0.02	0.56	7.6	0.7	19.5	<0.02	4.8	0.010	0.04	0.7	54	0.1	79.6
382890	5	0.2	2.11	2.6	262.0	0.10	0.34	0.08	13.9	63.5	38.05	3.34	6.5	15	0.03	21.5	2.24	472	0.29	0.035	31.4	580.0	9.08	0.02	0.30	8.3	0.4	7.5	<0.02	6.4	0.008	0.02	0.5	56	<0.1	71.8
382891	<5	0.5	1.88	6.2	287.5	0.12	0.25	0.11	12.1	51.0	23.33	3.21	6.4	10	0.02	4.0	1.22	594	0.66	0.036	22.5	274.0	12.60	0.04	0.36	4.1	0.3	10.0	<0.02	2.0	0.021	0.04	0.3	80	0.1	62.0
382892	5	0.3	1.57	5.5	653.5	0.16	0.34	0.06	13.3	61.5	41.28	3.76	4.8	35	0.04	21.0	1.01	407	1.28	0.039	42.2	418.0	9.48	0.04	0.58	13.2	0.8	11.0	<0.02	5.8	0.005	0.04	1.1	56	<0.1	52.9
382893	80	1.6	1.48	7.6	55.0	0.32	0.43	0.31	7.7	17.0	42.19	4.74	5.0	165	0.11	7.0	0.95	394	1.38	0.189	15.8	656.0	24.88	0.74	0.72	4.7	1.5	28.5	0.70	3.9	0.017	0.06	0.6	46	0.1	202.1
382894	30	2.3	1.04	5.6	63.0	0.28	0.33	0.73	7.3	8.5	78.18	4.28	2.8	1460	0.16	8.0	0.68	295	2.52	0.072	7.0	794.0	142.20	0.60	2.32	2.5	1.3	33.5	0.42	3.9	0.004	0.08	1.7	22	<0.1	419.6
382895	25	1.9	1.54	6.6	80.0	0.94	0.28	0.21	3.5	9.5	31.31	4.53	5.2	720	0.08	7.0	1.06	312	1.50	0.112	7.4	623.0	456.70	0.52	1.00	3.3	3.2	23.5	0.94	3.0	0.011	0.04	1.5	42	<0.1	213.0
382896	15	0.6	2.23	3.9	233.5	0.24	0.28	0.12	3.0	5.0	100.30	5.48	6.9	40	0.07	11.5	1.66	585	0.74	0.050	5.6	676.0	15.40	0.28	0.32	4.7	1.1	16.0	0.08	3.1	0.009	0.02	2.5	48	<0.1	225.2
382897	<5	0.3	2.26	5.0	650.5	0.10	0.40	0.06	12.7	90.5	33.43	3.45	6.9	25	0.03	13.0	1.87	488	0.69	0.039	36.7	499.0	13.22	0.04	0.46	7.6	0.4	12.0	<0.02	5.2	0.009	0.04	0.8	64	<0.1	65.2
382898	5	0.3	1.71	2.6	659.0	0.22	0.38	0.08	11.4	27.5	44.11	3.17	5.0	20	0.04	15.0	1.48	501	0.66	0.037	29.2	560.0	9.02	0.04	0.22	7.1	0.6	10.5	0.04	4.7	0.002	0.04	0.8	44	<0.1	70.7
382899	5	0.2	1.61	7.2	562.0	0.18	0.48	0.15	9.7	21.5	43.98	3.08	5.0	40	0.03	10.5	0.90	567	1.02	0.043	15.9	480.0	15.56	0.04	0.60	4.1	0.7	21.0	0.04	2.8	0.020	0.04	1.4	48	0.2	82.0
382900	5	0.3	1.90	4.6	639.5	0.16	0.43	0.19	14.0	72.5	46.34	3.33	5.8	30	0.04	16.0	1.56	548	1.07	0.041	35.6	611.0	10.46	0.04	0.58	8.4	0.6	15.0	0.04	5.3	0.008	0.04	1.4	56	<0.1	66.5
382901	<5	0.2	1.96	10.1	326.5	0.12	0.29	0.11	17.0	45.0	47.56	3.44	5.9	10	0.04	18.5	1.80	393	0.71	0.039	21.2	505.0	17.65	0.02	0.38	6.0	0.8	10.5	<0.02	5.9	0.023	0.04	0.7	62	<0.1	69.9
382902	45	0.1	0.91	6.8	423.5	0.18	0.17	0.06	5.2	15.0	21.67	1.72	2.8	15	0.03	20.0	0.31	179	0.52	0.039	12.3	310.0	15.73	0.02	0.50	2.3	0.5	13.5	<0.02	6.3	0.016	0.04	1.8	32	0.2	35.9
382903	<5	0.5	0.31	1.1	200.0	0.12	0.05	0.08	1.8	4.0	38.61	0.60	1.4	10	0.05	36.5	0.12	55	0.16	0.077	4.2	94.0	25.95	0.04	0.28	2.0	0.7	6.0	100.00	15.5	0.007	0.04	2.9	12	<0.1	28.9
382904	<5	0.1	2.26	0.8	350.5	0.04	0.82	0.06	21.8	41.0	93.83	4.36	6.2	10	0.23	2.0	1.90	1387	0.24	0.040	26.2	814.0	4.03	0.04	0.20	6.1	0.2	28.5	0.06	2.5	0.039	0.10	0.8	70	<0.1	69.1
382905	<5	0.2	1.17	1.5	413.5	0.20	0.19	0.22	12.7	14.5	21.34	2.51	4.2	15	0.03	24.5	0.88	852	0.50	0.039	11.2	284.0	23.24	0.04	0.22	4.1	0.5	8.5	<0.02	14.5	0.007	0.04	4.1	20	<0.1	84.2
382906	<5	0.2	0.44	3.5	211.0	0.12	0.11	0.07	3.6	18.5	10.46	1.59	1.4	5	0.03	8.5	0.22	109	0.74	0.044	8.0	267.0	51.66	0.08	0.24	1.3	0.3	12.0	<0.02	7.7	0.011	0.02	0.9	20	<0.1	25.2
382907	<5	0.1	0.71	1.9	258.0	0.30	0.08	0.17	4.6	6.5	30.55	1.67	3.1	20	0.05	41.5	0.38	346	1.30	0.037	5.5	183.0	21.39	0.06	0.46	2.9	0.8	8.5	<0.02	14.9	0.028	0.08	4.5	14	<0.1	59.1
382908	<5	0.1	0.28	1.4	224.0	0.20	0.02	0.04	1.4	3.0	10.89	0.55	0.9	5	0.05	9.0	0.04	28	0.36	0.034	2.2	72.0	14.70	0.02	0.18	0.6	0.2	2.5	<0.02	6.9	0.004	0.02	0.9	12	<0.1	9.0
382909	<5	0.3	1.04	5.2	362.5	0.16	0.17	0.09	6.8	22.0	24.09	2.02	3.8	10	0.04	25.0	0.73	143	0.16	0.036	13.9	149.0	19.54	0.04	0.26	5.7	0.8	9.0	0.02	13.1	0.035	0.08	1.8	28	<0.1	56.6
382910	<5	<0.1	0.22	0.																																

Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
382936	5	0.2	1.45	6.5	196.0	0.14	0.44	0.39	8.8	18.0	32.73	2.79	4.4	25	0.02	15.0	0.63	695	0.78	0.034	15.7	689.0	8.01	0.02	0.56	4.4	0.5	13.0	<0.02	4.4	0.016	0.08	0.4	36	0.5	98.1
382937	10	0.1	2.21	4.7	270.5	0.28	0.36	0.29	17.4	15.0	18.65	4.45	6.8	20	0.01	12.5	1.06	990	0.58	0.032	11.6	458.0	7.62	0.02	0.54	7.3	0.4	13.5	<0.02	4.2	0.013	0.06	0.6	58	0.5	96.6
382938	<5	0.1	1.77	4.8	132.5	0.20	0.47	0.56	14.4	13.0	13.23	3.66	5.8	15	0.02	13.5	0.89	849	0.46	0.031	9.9	796.0	6.00	0.02	0.50	6.1	0.5	13.5	0.04	4.5	0.013	0.04	1.0	56	0.6	120.8
382939	400	0.1	1.47	6.6	188.0	0.12	0.72	0.11	11.3	19.5	31.49	3.10	4.4	20	0.02	7.5	0.80	624	0.81	0.032	14.5	742.0	8.08	0.04	0.36	4.7	0.5	17.5	0.02	1.6	0.011	0.04	1.0	48	0.5	50.4
382940	15	0.2	1.54	8.3	109.5	0.10	0.81	0.14	13.1	21.5	28.59	3.15	4.3	15	0.02	6.0	1.05	676	0.63	0.031	12.7	731.0	6.80	0.04	0.34	4.3	0.6	17.0	<0.02	1.1	0.011	0.04	0.7	58	0.4	49.3
382941	<5	0.2	1.92	5.2	86.5	0.14	0.57	0.78	14.2	7.5	50.14	4.11	5.7	10	0.03	8.0	1.06	1324	0.53	0.029	7.9	691.0	12.61	0.02	0.22	7.3	0.4	10.5	<0.02	2.2	0.005	0.02	0.3	64	0.2	132.3
382942	20	0.9	1.38	4.3	172.0	0.18	1.08	1.43	30.3	60.5	100.40	4.23	3.4	85	0.01	5.0	1.19	769	0.45	0.028	40.4	526.0	62.49	0.06	0.60	7.1	0.6	12.0	0.02	1.6	0.003	0.02	0.4	46	0.2	104.9
382943	15	1.4	2.05	8.9	749.0	0.64	1.68	0.37	23.7	179.5	369.80	3.95	5.1	45	0.02	9.5	1.94	1177	0.89	0.030	55.6	277.0	9.68	0.04	0.64	10.8	0.8	29.5	0.08	2.3	0.004	0.02	0.5	60	0.2	96.0
382944	35	0.2	1.62	5.7	475.0	0.12	1.60	0.19	12.6	24.5	58.93	3.34	4.7	35	0.02	17.5	1.01	641	0.85	0.031	19.0	534.0	7.48	0.08	0.54	4.3	0.8	40.5	<0.02	1.5	0.009	0.04	1.1	62	0.3	39.5
382945	10	0.2	1.49	9.1	384.5	0.18	1.85	0.16	11.6	28.0	42.06	2.83	4.5	45	0.02	11.0	0.74	581	0.89	0.037	21.7	560.0	10.93	0.08	0.86	4.0	0.8	55.0	0.02	1.4	0.017	0.04	2.2	60	0.4	38.9
382946	15	0.3	2.07	5.6	184.0	0.40	1.56	0.14	20.6	82.5	75.74	4.50	6.0	60	0.02	12.0	1.64	938	1.51	0.034	36.8	516.0	12.05	0.28	0.74	12.3	0.8	33.5	0.06	2.4	0.007	0.02	0.5	88	0.2	64.4
382947	5	0.2	1.53	7.7	467.5	0.20	0.75	0.08	11.9	33.5	59.10	3.24	4.3	55	0.02	11.5	0.88	701	0.87	0.037	22.5	434.0	9.20	0.04	0.54	5.0	0.6	26.5	0.04	1.5	0.011	0.02	1.0	54	0.2	44.5
382948	15	0.4	1.88	5.9	186.5	0.16	1.18	0.12	26.2	65.0	82.06	4.69	4.8	45	0.02	9.5	1.65	969	0.84	0.030	30.2	432.0	9.11	0.08	0.36	8.3	0.5	15.0	0.04	2.3	0.002	0.02	0.5	60	<0.1	61.0
382949	5	0.5	1.81	5.8	226.5	0.16	3.08	0.19	23.3	256.5	102.80	3.99	5.0	25	0.02	11.5	2.06	1072	0.52	0.030	96.7	463.0	16.14	0.04	0.44	10.0	0.5	26.0	0.04	2.7	0.003	<0.02	0.5	72	0.2	77.4
382950	10	0.1	1.87	16.8	405.0	0.14	0.31	0.05	12.1	29.5	58.83	3.63	5.8	55	0.03	18.5	0.91	403	1.78	0.032	27.2	363.0	12.54	0.02	0.92	7.9	0.8	20.0	0.04	4.9	0.021	0.04	0.8	58	0.2	62.6
382951	10	0.1	1.90	7.8	108.0	0.08	0.41	<0.01	12.1	9.0	11.32	3.87	5.6	15	0.02	6.0	1.15	520	0.45	0.033	7.8	547.0	3.75	0.02	0.46	3.6	0.3	27.0	<0.02	2.1	0.007	0.02	0.4	50	0.2	35.1
382952	20	0.2	1.33	6.5	69.5	0.20	0.41	0.12	8.9	8.0	36.29	2.99	4.0	15	0.01	7.0	0.69	570	0.68	0.032	7.3	518.0	7.32	0.02	0.28	4.4	0.5	12.0	<0.02	2.1	0.004	<0.02	0.8	32	0.3	59.7
382953	10	0.1	2.42	9.3	108.0	0.18	0.22	0.19	16.0	30.5	109.60	4.48	6.6	25	0.02	6.5	1.74	676	0.91	0.029	21.0	224.0	7.47	0.04	0.32	7.4	0.5	6.0	<0.02	1.6	0.005	0.02	0.3	72	0.2	201.4
382954	<5	0.1	0.66	1.8	27.0	0.08	0.16	0.01	2.0	1.5	24.78	1.25	2.1	10	<0.01	3.0	0.39	390	0.21	0.026	3.7	442.0	3.55	<0.02	0.08	1.2	0.2	2.5	<0.02	1.2	0.001	<0.02	0.1	10	0.1	24.6
382955	10	<0.1	1.87	12.9	70.0	0.10	0.21	0.02	12.1	13.0	51.92	3.69	5.5	15	0.02	10.0	1.16	469	0.34	0.028	13.0	233.0	8.26	0.02	0.34	7.1	0.7	5.5	<0.02	2.7	0.004	<0.02	0.3	56	0.3	60.0
382956	<5	0.2	2.36	1.8	48.0	<0.02	3.86	0.09	23.4	209.5	87.96	3.51	7.0	10	0.02	1.0	2.97	794	0.10	0.027	74.2	368.0	3.12	<0.02	0.18	17.0	0.1	42.5	<0.02	0.4	0.018	<0.02	<0.1	102	0.1	41.0
382957	<5	0.1	2.57	4.2	114.0	0.10	0.43	0.14	25.0	9.0	99.64	5.27	7.2	20	0.02	4.5	1.88	1095	0.25	0.030	9.8	532.0	4.96	0.02	0.34	5.7	0.3	10.5	<0.02	1.1	0.012	<0.02	0.3	102	0.1	110.6
382958	<5	<0.1	3.12	1.3	141.5	<0.02	0.39	0.05	23.9	3.5	50.37	6.32	8.9	10	0.19	1.5	2.57	1340	0.14	0.031	5.1	543.0	2.73	0.04	0.16	5.4	0.2	12.0	<0.02	0.4	0.047	0.14	0.2	164	<0.1	82.0
382959	5	0.1	1.50	8.8	184.0	0.32	0.43	0.23	7.6	11.5	74.83	3.27	4.8	35	0.02	13.5	0.67	823	0.92	0.033	14.2	728.0	9.22	0.04	0.52	6.0	0.9	10.5	<0.02	3.2	0.012	0.04	0.4	32	0.1	66.1
382960	<5	0.1	1.45	5.0	190.5	0.20	0.37	0.06	10.2	24.5	47.48	2.72	4.5	20	0.03	10.5	0.92	387	0.52	0.029	19.4	573.0	5.73	0.02	0.34	4.3	0.5	13.0	0.04	3.9	0.020	0.02	0.7	40	0.1	39.6
382961	10	0.1	1.24	9.8	288.5	0.22	0.42	0.25	9.3	18.5	36.80	2.88	3.9	20	0.05	12.5	0.56	440	0.95	0.040	13.9	555.0	18.26	0.04	0.58	3.9	0.6	15.5	<0.02	3.8	0.023	0.06	1.0	42	0.2	90.6
382962	<5	0.1	0.75	3.2	162.0	0.22	0.19	0.05	3.4	5.5	14.57	1.52	2.5	20	0.03	9.0	0.37	354	0.65	0.029	5.9	238.0	17.49	0.04	0.26	2.9	0.4	13.0	<0.02	5.8	0.004	0.02	0.8	16	<0.1	40.3
382963	<5	0.4	1.61	19.0	238.5	0.10	0.43	0.31	16.1	31.0	47.43	4.08	4.6	15	0.05	11.5	1.50	663	2.88	0.030	26.8	1125.0	12.36	0.02	0.60	3.5	0.9	24.5	0.04	5.7	0.003	0.04	0.7	38	<0.1	94.3
382964	5	0.4	1.02	18.6	217.0	0.08	3.84	0.36	13.1	13.5	37.96	3.40	4.1	100	0.04	28.5	0.93	623	1.32	0.030	21.0	909.0	10.11	0.04	0.58	10.3	0.9	45.5	0.02	6.8	0.005	0.02	0.8	42	<0.1	74.0
382965	<5	0.3	0.17	2.7	154.0	0.04	<0.01	0.03	1.2	1.5	11.36	1.33	0.8	5	0.07	28.0	0.04	30	0.52	0.046	1.3	378.0	10.96	0.26	0.28	0.5	0.3	20.0	<0.02	14.9	0.002	0.06	3.1	6	<0.1	4.8
382966	10	0.7	1.05	9.6	473.0	0.12	0.06	0.03	5.1	18.0	16.54	2.07	2.9	30	0.05	12.0	0.26	165	1.11	0.036	10.8	227.0	18.35	0.10	0.88	2.6	0.4	15.5	<0.02	7.9	0.021	0.06	1.0	34	0.2	28.0
382967	10	1.9	0.51	7.3	360.0	0.12	0.04	0.05	2.8	9.5	12.77	1.74	1.7	35	0.05	12.0	0.14	100	1.49	0.032	5.4	263.0	30.09	0.12	1.38	1.5	0.5	11.5	<0.02	7.8	0.012	0.06	1.2	22	0.1	16.4
382968	45	6.7	0.83	9.6	376.0	0.18	0.06	0.04	4.1	14.5	19.24	2.21	2.4	295	0.09	9.0	0.23	128	1.68	0.038	10.2	265.0	35.48	0.22	3.06	2.8	0.4	16.0	<0.02	6.4	0.020	0.08	0.8	30	0.1	23.6
382969	245	>30	0.60	7.6	318.5	0.14	0.05	0.05	3.3	12.0	8.67	1.60	1.9	1370	0.04	6.5	0.19	109	2.12	0.048	6.1	193.0	110.30	0.14	19.34	1.8	0.8	11.5	<0.02	3.7	0.020	0.06	0.4	26	0.1	24.8
382970	10	19.7	0.83	8.0	219.0	0.12	0.04	0.03	3.3	7.5	6.36	1.76	1.3	95	0.13	5.5	0.08	52	2.77	0.037	6.9	250.0	38.82	0.30	1.96	0.7	0.4	8.5	<0.02	2.1	0.006	0.10	0.2	20	0.4	10.0
382971	<5	1.1	0.70	7.6	449.5	0.14	0.08	0.04	4.4	14.0	19.66	2.10	2.3	90	0.04	13.0	0.23	157	1.03	0.039	9.1	246.0	16.89	0.12	1.02	2.5	0.5	18.0	<0.02	5.9	0.018	0.04	1.0	30	0.2	27.3
382972	<5	0.2	0.21																																	



LABORATORY LTD.

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ASSAYING, GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING
ISO 9001 Accredited Co.

10041 Dallas Drive, Kamloops, BC V2C 6T4

Phone (250) 573-5700 Fax (250) 573-4557

E-mail: info@ecotechlab.com

www.ecotechlab.com

CERTIFICATE OF ASSAY AW 2008-8139

Klondike Star

Box 20116, 1031 Ten Mile Rd

Whitehorse, YT

Y1A 7A2

6-Aug-08

No. of samples received: 83

Sample Type: Rock

Project #: JAE

Submitted by: Bill Mann

Metallic Assay

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	386582	<0.03	<0.001
2	386583	<0.03	<0.001
3	386584	<0.03	<0.001
4	386585	<0.03	<0.001
5	386586	<0.03	<0.001
6	386587	<0.03	<0.001
7	386588	<0.03	<0.001
8	386589	<0.03	<0.001
9	386590	<0.03	<0.001
10	385001	<0.03	<0.001
11	385002	<0.03	<0.001
12	385003	<0.03	<0.001
13	385004	0.12	0.003
14	385005	<0.03	<0.001
15	385006	<0.03	<0.001
16	385007	<0.03	<0.001
17	385008	<0.03	<0.001
18	69201	<0.03	<0.001
19	69202	<0.03	<0.001
20	69203	<0.03	<0.001
21	69204	<0.03	<0.001
22	69205	<0.03	<0.001
23	69206	<0.03	<0.001
24	69207	<0.03	<0.001
25	69208	<0.03	<0.001
26	69209	<0.03	<0.001
27	69210	<0.03	<0.001
28	69211	<0.03	<0.001
29	69212	<0.03	<0.001

ECO TECH LABORATORY LTD.

Jutta Jealous

B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)
30	69213	<0.03	<0.001
31	69214	<0.03	<0.001
32	69215	<0.03	<0.001
33	69216	<0.03	<0.001
34	69217	<0.03	<0.001
35	69218	<0.03	<0.001
36	69219	<0.03	<0.001
37	69220	<0.03	<0.001
38	69221	<0.03	<0.001
39	69222	<0.03	<0.001
40	69223	<0.03	<0.001
41	69224	<0.03	<0.001
42	69225	<0.03	<0.001
43	69226	<0.03	<0.001
44	69227	<0.03	<0.001
45	69228	0.03	0.001
46	69229	0.03	0.001
47	69230	<0.03	<0.001
48	69231	<0.03	<0.001
49	69232	<0.03	<0.001
50	69233	<0.03	<0.001
51	69234	<0.03	<0.001
52	69235	<0.03	<0.001
53	69236	<0.03	<0.001
54	69237	<0.03	<0.001
55	69238	<0.03	<0.001
56	69239	<0.03	<0.001
57	69240	<0.03	<0.001
58	69241	0.05	0.001
59	69242	<0.03	<0.001
60	69243	<0.03	<0.001
61	69244	<0.03	<0.001
62	69245	<0.03	<0.001
63	69246	<0.03	<0.001
64	69247	<0.03	<0.001
65	69248	0.05	0.001
66	69249	0.25	0.007
67	69250	<0.03	<0.001
68	69251	<0.03	<0.001
69	69252	<0.03	<0.001
70	69253	<0.03	<0.001
71	69254	<0.03	<0.001
72	69255	<0.03	<0.001
73	69256	<0.03	<0.001
74	69257	<0.03	<0.001


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B.C. Certified Assayer

Klondike Star AW8-8139*Metallic Assay*

6-Aug-08

ET #.	Tag #	Au (g/t)	Au (oz/t)
75	69258	<0.03	<0.001
76	69259	<0.03	<0.001
77	69260	<0.03	<0.001
78	69261	<0.03	<0.001
79	69262	<0.03	<0.001
80	69263	<0.03	<0.001
81	69264	<0.03	<0.001
82	69265	<0.03	<0.001
83	69266	0.09	0.003

QC DATA:**Resplit:**

18	69201	<0.03	<0.001
36	69219	<0.03	<0.001
71	69254	<0.03	<0.001

Standard:

Hisilk2	3.42	0.100
Hisilk2	3.45	0.101
Hisilk2	3.38	0.099
Hisilk2	3.40	0.099
Hisilk2	3.41	0.099
OXI67	1.79	0.052

JJ/nw
XLS/08
ECO TECH LABORATORY LTD.Jutta Jealouse
B.C. Certified Assayer

Eco Tech Laboratory Ltd.
 10041 Dallas Drive,
 Kamloops, British Columbia,
 V2C 6T4, Canada
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 Fax + 250 573 4557
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CERTIFICATE OF ASSAY AW 2008-8287

Klondike Star
 Box 20116, 1031 Ten Mile Rd
Whitehorse, YT
 Y1A 7A2

11-Nov-08

No. of samples received: 25
Sample Type: Rock
Project: Lone Star
Submitted by: Bill Mann

Metallic Assay

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	385009	0.03	0.001
2	385010	<0.03	<0.001
3	385011	0.04	0.001
4	385012	0.03	0.001
5	385013	<0.03	<0.001
6	385014	<0.03	<0.001
7	385015	<0.03	<0.001
8	385016	<0.03	<0.001
9	385017	0.04	0.001
10	385018	0.08	0.002
11	385019	0.04	0.001
12	385020	0.05	0.001
13	385021	<0.03	<0.001
14	385022	<0.03	<0.001
15	385023	<0.03	<0.001
16	385024	<0.03	<0.001
17	385025	<0.03	<0.001
18	385026	<0.03	<0.001
19	385027	<0.03	<0.001
20	385028	<0.03	<0.001
21	385029	<0.03	<0.001
22	385030	<0.03	<0.001
23	385031	<0.03	<0.001
24	380901	0.31	0.009
25	380902	<0.03	<0.001

QC DATA:

Resplit:

3	385011	0.03	0.001
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ECO TECH LABORATORY LTD.
 Jutta Jealous
 B.C. Certified Assayer



Alex
Stewart
GEOCHEMICAL

Klondike Star AW8-8287

11-Nov-08

Metallic Assay

ET #.	Tag #	Au (g/t)	Au (oz/t)
Standard:			
SK43		4.07	0.119
SK43		4.03	0.118

JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Eco Tech Laboratory Ltd.
10041 Dallas Drive,
Kamloops, British Columbia,
V2C 6T4, Canada
Tel + 250 573 5700
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www.alexstewart.com

17-Sep-08

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008-8287

Klondike Star

Box 20116, 1031 Ten Mile Rd

Whitehorse, YT

Y1A 7A2

Phone: 250-573-5700

Fax : 250-573-4557

No. of samples received: 25

Sample Type: Rock

Project: Lone Star

Submitted by: Bill Mann

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn
1	385009	0.8	1.20	30	55	20	0.42	2	12	48	128	4.41	<10	0.65	264	3	0.04	5	720	22	<5	<20	38	0.16	<10	61	<10	<1	22
2	385010	<0.2	2.26	<5	135	10	4.45	1	26	65	57	4.81	<10	2.40	1032	6	0.02	18	540	36	10	<20	112	0.08	<10	148	<10	4	59
3	385011	<0.2	0.58	<5	185	10	0.04	<1	4	89	13	4.11	<10	0.33	103	3	0.02	3	390	12	<5	<20	11	0.02	<10	10	<10	<1	17
4	385012	<0.2	0.74	<5	210	25	0.07	2	7	96	27	7.83	<10	0.32	131	7	0.02	9	1520	16	<5	<20	15	0.02	<10	15	<10	<1	52
5	385013	<0.2	1.53	<5	185	<5	0.17	2	7	178	11	2.27	<10	1.76	311	5	<0.01	14	690	30	10	<20	13	0.01	<10	23	<10	3	58
6	385014	<0.2	0.04	<5	35	<5	0.01	<1	1	200	6	0.30	<10	0.03	62	<1	<0.01	5	40	2	<5	<20	10	<0.01	<10	1	<10	<1	<1
7	385015	<0.2	1.99	10	185	<5	0.35	<1	9	146	13	2.80	10	2.31	311	2	<0.01	13	880	34	<5	<20	15	0.02	<10	28	<10	7	76
8	385016	<0.2	2.47	<5	80	10	0.17	3	18	83	27	5.06	<10	1.93	684	8	0.02	10	890	52	10	<20	12	0.02	<10	28	<10	5	288
9	385017	1.5	0.31	<5	190	<5	0.04	<1	<1	86	4	1.35	<10	0.14	35	2	0.06	2	230	160	<5	<20	27	0.03	<10	10	<10	<1	22
10	385018	5.3	0.53	<5	235	10	0.07	1	2	102	16	2.94	<10	0.39	65	5	0.04	5	410	680	<5	<20	24	0.01	<10	29	<10	<1	86
11	385019	1.3	0.37	<5	295	10	0.06	1	1	111	10	2.11	<10	0.23	45	5	0.03	5	200	156	5	<20	22	<0.01	<10	15	<10	<1	50
12	385020	2.5	0.31	<5	250	5	0.07	<1	1	118	11	2.14	<10	0.13	32	5	0.05	4	320	354	<5	<20	32	<0.01	<10	15	<10	<1	46
13	385021	1.6	0.60	<5	200	10	0.08	<1	4	110	28	3.49	<10	0.49	88	3	0.05	4	460	218	<5	<20	28	0.01	<10	33	<10	<1	93
14	385022	<0.2	1.96	<5	180	10	0.05	<1	3	117	16	5.04	<10	2.23	387	6	0.05	14	410	54	<5	<20	35	0.02	<10	79	<10	<1	115
15	385023	<0.2	2.10	<5	150	20	0.07	2	4	104	19	5.76	<10	2.45	418	6	0.12	14	580	54	5	<20	33	0.02	<10	91	<10	<1	196
16	385024	<0.2	2.23	15	140	5	0.08	1	3	127	15	4.71	<10	2.77	442	7	0.10	22	460	72	10	<20	36	0.02	<10	82	<10	<1	192
17	385025	0.2	1.98	<5	130	10	0.08	2	4	141	17	5.95	<10	2.49	356	7	0.17	22	760	84	5	<20	37	0.02	<10	78	<10	<1	105
18	385026	0.2	1.85	<5	120	10	0.06	3	3	137	19	5.52	<10	2.31	293	8	0.15	24	740	70	10	<20	36	0.02	<10	83	<10	<1	84
19	385027	0.3	1.91	<5	155	20	0.07	1	4	154	24	5.56	<10	2.33	275	8	0.05	20	360	86	5	<20	31	0.02	<10	87	<10	<1	83
20	385028	0.3	1.61	<5	230	15	0.04	2	3	114	31	6.52	<10	1.69	217	6	0.03	14	500	78	<5	<20	35	0.02	<10	70	<10	<1	101
21	385029	0.4	1.44	<5	240	10	0.04	1	3	92	29	6.11	<10	1.44	198	5	0.02	11	390	48	<5	<20	24	0.02	<10	61	<10	<1	88
22	385030	<0.2	1.85	<5	260	15	0.04	4	3	104	22	5.66	<10	2.10	291	11	0.03	22	430	48	20	<20	26	0.02	<10	69	<10	<1	121
23	385031	3.4	0.09	10	275	<5	<0.01	<1	<1	180	8	1.02	<10	0.02	22	2	0.01	5	130	10	<5	<20	18	<0.01	<10	2	<10	<1	3
24	380901	<0.2	0.05	<5	50	<5	0.24	<1	15	194	15	1.32	<10	0.01	184	2	<0.01	8	130	2	<5	<20	9	<0.01	<10	2	<10	2	24
25	380902	<0.2	0.08	<5	30	5	>10	2	10	132	8	3.05	<10	5.15	1289	2	<0.01	39	20	10	5	<20	499	0.02	<10	48	<10	2	51

Et #.	Tag #	Ag	Al%	As	Ba	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	La	Mg%	Mn	Mo	Na%	Ni	P	Pb	Sb	Sn	Sr	Ti%	U	V	W	Y	Zn	
QC DATA:																														
Repeat:																														
1	385009	0.9	1.18	40	50	15	0.42	1	12	48	129	4.36	<10	0.64	262	4	0.04	5	710	26	<5	<20	38	0.16	<10	60	<10	<1	23	
10	385018	5.3	0.53	<5	225	10	0.07	<1	2	101	15	2.93	<10	0.39	63	3	0.04	4	400	680	<5	<20	27	0.01	<10	29	<10	<1	84	
19	385027	0.2	1.86	<5	145	10	0.08	2	4	149	24	5.48	<10	2.28	273	9	0.05	22	340	80	10	<20	37	0.02	<10	85	<10	<1	80	
Resplit:																														
3	385011	<0.2	0.60	<5	190	10	0.04	2	4	91	14	4.20	<10	0.35	105	1	0.02	7	380	14	<5	<20	14	0.02	<10	11	<10	<1	21	
Standard:																														
Pb129a		11.8	0.84	<5	65	<5	0.47	58	7	13	1350	1.63	<10	0.70	373	3	0.03	8	430	6132	15	<20	33	0.04	<10	19	<10	<1	9960	

Au: 30g FA - AA Finish
ICP : Aqua Regia Digest - ICP/AES Finish
Ag : Aqua Regia Digest- AA Finish

JJ/ap
dt/
XLS/07



ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

CERTIFICATE OF ASSAY AW 2008-8603

Klondike Star
Box 20116, 1031 Ten Mile Rd
Whitehorse, YT
Y1A 7A2

26-Nov-08

No. of samples received: 12
Sample Type: Rock
Project #: JAE
Shipment #: R-3
Submitted by: Bill Mann

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	385032	0.30	0.009
2	385033	<0.03	<0.001
3	385034	0.03	0.001
4	385035	0.32	0.009
5	385036	0.22	0.006
6	385037	0.03	0.001
7	385038	13.2	0.385
8	385039	<0.03	<0.001
9	385040	0.15	0.004
10	385041	0.09	0.003
11	385042	0.49	0.014
12	385043	0.80	0.023

QC DATA:

Standard:

Oxi67 1.81 0.053

JJ/ap
XLS/08



ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

ECO TECH LABORATORY LTD.

10041 Dallas Drive

KAMLOOPS, B.C.

V2C 6T4

Phone: 250-573-5700

Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AW 2008- 1038

Klondike Star

Box 20116, 1031 Ten Mile Rd

Whitehorse, YT

Y1A 7A2

Attention: Bill Mann

No. of samples received: 44

Sample Type: Soil

Project: Lone Star

Submitted by: Bill Mann

RECEIVED SEP 08 2008

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	382751	41	6.5	0.12	7.0	61.0	0.10	<0.01	<0.01	0.3	1.0	9.92	3.83	1.2	35	0.29	9.0	<0.01	6	4.96	0.139	0.4	816.0	106.50	0.88	1.16	0.5	0.4	154.0	0.02	9.0	0.001	0.30	1.3	<2	<0.1	4.4
2	382752	32	4.9	0.25	6.2	51.0	0.28	<0.01	0.02	0.9	3.0	7.52	1.94	1.2	40	0.13	12.5	0.04	19	4.08	0.066	1.7	403.0	92.97	0.34	1.54	0.6	0.4	70.0	<0.02	8.6	0.004	0.18	0.9	4	<0.1	8.7
3	382753	35	3.8	0.80	8.4	220.0	0.16	0.02	0.03	2.7	11.0	12.84	2.30	2.3	50	0.10	18.0	0.17	65	2.44	0.046	7.0	304.0	41.42	0.20	1.40	1.5	0.4	26.5	0.02	8.8	0.013	0.16	0.9	18	<0.1	20.5
4	382754	6	0.1	0.66	3.7	224.0	0.14	0.06	0.04	1.8	4.0	6.40	0.88	3.5	10	0.05	74.5	0.43	64	0.72	0.031	2.0	92.0	20.45	<0.02	0.24	2.4	0.8	6.0	<0.02	17.6	0.034	0.10	1.9	6	<0.1	28.2
5	382755	4	0.4	0.46	6.5	729.0	0.14	0.07	0.17	1.6	4.5	5.80	0.65	2.8	20	0.05	28.5	0.07	33	1.01	0.035	3.2	178.0	26.67	0.02	0.24	0.7	0.3	11.0	<0.02	3.1	0.005	0.08	0.8	14	<0.1	14.3
6	382756	8	0.1	0.65	5.5	183.5	0.20	0.05	0.05	2.0	10.0	8.86	0.98	2.7	15	0.04	29.5	0.16	63	1.76	0.033	5.1	60.0	27.78	<0.02	0.28	1.2	0.3	5.0	<0.02	10.9	0.010	0.06	1.0	18	<0.1	17.0
7	382757	3	0.1	0.69	5.1	203.0	0.12	0.07	0.03	2.5	8.5	8.50	1.06	2.9	5	0.05	31.5	0.32	85	0.73	0.035	4.5	79.0	16.33	<0.02	0.22	1.4	0.4	8.0	<0.02	9.8	0.020	0.08	0.9	16	<0.1	25.0
8	382758	4	0.2	0.74	7.6	207.0	0.20	0.07	0.05	1.8	9.5	5.20	1.13	3.5	10	0.05	18.5	0.22	74	1.12	0.035	4.0	85.0	23.42	<0.02	0.22	1.1	0.2	6.5	<0.02	5.6	0.007	0.08	0.6	24	<0.1	20.1
9	382759	3	0.1	1.11	4.9	159.0	0.18	0.04	0.05	3.1	12.0	7.83	1.42	3.7	10	0.06	33.0	0.62	121	1.03	0.035	6.0	68.0	18.62	<0.02	0.24	1.7	0.4	5.5	0.02	14.7	0.015	0.08	1.0	18	<0.1	36.7
10	382760	15	0.1	0.60	12.2	384.5	0.18	0.03	0.03	1.6	8.0	7.99	0.84	3.6	20	0.04	74.5	0.22	66	0.99	0.033	3.6	56.0	31.31	<0.02	0.28	1.6	0.7	7.0	0.02	16.5	0.006	0.06	1.7	10	<0.1	25.0
11	382761	6	0.1	0.54	9.4	329.0	0.14	0.12	0.05	2.6	7.0	7.57	0.88	2.9	10	0.05	36.0	0.33	130	0.99	0.040	4.1	85.0	21.24	<0.02	0.22	1.7	0.4	11.5	<0.02	13.8	0.011	0.08	1.3	8	<0.1	31.4
12	382762	2	0.1	0.24	3.2	128.0	0.12	0.01	0.02	0.7	2.5	2.71	0.35	0.9	5	0.03	9.5	0.04	17	0.58	0.031	1.5	29.0	11.52	<0.02	0.12	0.4	0.2	2.5	<0.02	7.4	0.002	0.04	0.5	4	<0.1	5.9
13	382763	2	0.1	0.57	6.0	448.0	0.14	0.12	0.05	2.6	9.5	6.98	0.99	2.3	15	0.04	23.0	0.17	96	0.79	0.038	5.8	157.0	12.75	<0.02	0.26	1.3	0.4	9.5	<0.02	8.0	0.015	0.04	1.2	18	<0.1	19.7
14	382764	9	0.1	2.71	5.2	208.5	0.10	0.43	0.06	20.6	17.5	74.98	5.08	9.5	45	0.03	18.0	2.19	1023	0.99	0.036	17.5	637.0	7.70	0.02	0.48	12.6	0.6	13.0	<0.02	5.2	0.018	0.04	0.5	120	<0.1	84.9
15	382765	103	8.6	0.08	6.1	119.5	0.22	0.14	0.11	0.4	<0.5	48.78	1.24	0.6	5055	0.04	1.5	0.02	6	5.63	0.046	0.3	292.0	3022.00	0.20	8.06	0.5	8.0	16.0	2.44	1.3	0.001	0.04	0.1	8	<0.1	104.5
16	382766	72	16.0	0.17	10.9	19.0	0.18	0.13	0.32	1.2	1.5	85.07	3.67	1.0	9800	0.08	1.5	0.03	23	1.70	0.119	1.1	621.0	4563.00	0.58	13.06	0.9	10.7	37.5	1.60	2.0	0.001	0.06	0.3	14	<0.1	320.0
17	382767	64	15.6	0.22	15.4	10.5	0.14	0.12	0.59	2.0	1.0	113.10	6.09	1.4	8675	0.09	1.0	0.03	31	1.33	0.163	1.4	614.0	3604.00	0.76	18.44	1.5	10.2	32.0	1.26	2.1	0.001	0.06	0.5	20	<0.1	791.4
18	382768	44	9.3	0.20	9.4	14.5	0.12	0.12	0.64	2.8	1.0	78.33	6.31	1.7	5865	0.13	1.0	0.03	62	0.58	0.183	1.7	490.0	2093.00	0.92	9.76	1.7	7.1	28.5	0.76	2.0	0.001	0.06	0.5	20	<0.1	994.9
19	382769	52	16.1	0.32	6.3	88.0	1.02	0.16	0.63	3.7	2.0	62.94	5.22	1.8	18880	0.06	1.5	0.14	107	0.78	0.047	2.4	489.0	6511.00	0.32	6.10	1.6	14.1	9.5	2.52	1.4	0.003	0.06	0.3	26	<0.1	478.4
20	382770	54	1.1	1.14	3.7	155.0	0.12	0.14	1.67	20.6	2.0	43.54	7.04	2.7	315	0.01	5.0	0.52	990	0.34	0.034	8.2	760.0	35.12	0.04	0.24	9.9	1.1	6.0	0.56	2.9	0.001	<0.02	0.8	40	<0.1	874.8
21	382771	41	1.4	1.84	11.5	256.5	0.14	0.65	2.47	21.2	20.0	101.70	5.32	5.2	585	0.04	9.0	1.09	928	1.23	0.042	18.1	533.0	232.60	0.06	0.78	8.3	1.2	25.0	0.14	3.0	0.008	0.04	1.7	62	<0.1	458.1
22	382772	73	2.2	1.42	12.0	202.5	0.14	0.34	6.49	26.5	16.0	138.40	5.97	4.0	1040	0.03	8.5	0.85	1094	0.97	0.038	20.4	499.0	397.30	0.04	0.96	9.2	1.3	13.5	0.16	2.8	0.004	0.02	1.6	62	<0.1	1119.0
23	382773	153	4.1	2.30	19.0	126.0	0.18	0.34	14.46	36.5	12.5	194.50	7.16	6.3	1965	0.04	5.5	1.81	1702	1.35	0.050	16.4	809.0	812.00	0.16	1.10	9.9	1.3	32.5	0.24	2.9	0.003	0.04	1.5	64	<0.1	1379.0
24	382774	72	2.5	2.09	12.0	108.0	0.14	0.29	10.07	14.3	7.0	226.10	6.05	6.3	1630	0.05	8.0	1.79	1075	0.91	0.102	9.0	801.0	790.00	0.36	1.20	7.6	1.3	38.5	0.20	3.0	0.002	0.02	1.1	48	<0.1	1684.0
25	382775	9	0.1	2.62	5.2	371.0	0.12	0.15	0.09	11.7	75.0	31.81	3.65	7.6	60	0.04	37.5	1.95	272	1.27	0.037	18.8	303.0	11.75	0.02	0.42	5.8	0.5	6.5	0.02	6.9	0.009	0.04	0.4	42	<0.1	82.8
26	382776	7	0.3	1.75	2.1	57.0	0.06	2.63	0.10	26.8	8.0	40.45	6.52	6.0	100	0.01	3.0	1.25	976	0.92	0.041	11.0	512.0	8.72	0.30	0.20	14.8	0.4	15.0	<0.02	2.2	0.005	<0.02	0.6	102	<0.1	87.8
27	382777	13	1.1	1.24	5.9	239.5	0.22	0.99	0.52	16.8	14.0	53.69	4.84	3.8	275	0.02	4.5	0.77	743	1.75	0.039	10.4	550.0	81.55	0.08	1.26	5.3	3.8	18.5	0.26	1.4	0.002	<0.02	0.7	50	<0.1	257.5
28	382778	18	0.6	1.44	7.3	143.0	0.42	0.53	0.19	7.2	18.0	28.42	4.27	5.0	110	0.06	7.5	1.01	302	2.43	0.069	13.7	512.0	15.14	0.20	0.54	3.7	2.4	31.5	0.20	2.7	0.014	0.04	0.7	46	<0.1	109.7
29	382779	5	0.1	1.16	8.4	336.0	0.10	0.60	0.09	9.8	35.0	21.83	2.32	3.6	65	0.04	11.5	0.62	290	0.83	0.045	25.4	649.0	7.52	0.02	0.42	3.7	0.5	28.0	0.04	2.8	0.030	0.04	1.7	38	<0.1	55.2
30	382780	3	0.1	1.53	9.5	227.5	0.06	0.38	0.05	14.1	63.5	35.55	2.64	4.2	60	0.03	8.0	1.03	361	0.65	0.043	40.5	420.0	5.95	0.02	0.40	4.9	0.3	14.5	0.02	2.4	0.037	0.04	0.5	40	<0.1	71.5

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
31	382781	4	0.2	0.94	8.9	506.0	0.14	0.79	0.16	11.8	41.0	34.80	2.81	5.1	85	0.05	13.0	0.43	425	0.82	0.025	32.5	224.0	10.26	0.48	0.58	5.0	0.5	39.0	<0.02	3.0	0.027	0.04	2.5	52	<0.1	51.2
32	382782	4	0.2	1.68	6.8	538.5	0.12	1.07	0.17	11.0	43.0	30.67	2.65	5.2	65	0.05	12.0	0.83	429	0.79	0.047	30.5	464.0	9.42	0.04	0.72	4.8	0.6	48.0	0.02	2.7	0.024	0.04	2.5	46	<0.1	54.3
33	382783	5	0.2	1.94	7.1	441.0	0.14	0.61	0.07	13.3	52.5	36.58	3.06	5.7	60	0.05	12.5	1.10	464	0.78	0.043	33.3	375.0	9.41	0.02	0.60	5.7	0.4	28.5	0.02	3.9	0.026	0.04	1.6	54	<0.1	55.3
34	382784	6	0.1	2.01	5.0	299.5	0.08	0.44	0.05	14.6	81.0	39.14	3.18	6.3	55	0.04	12.0	1.57	446	0.56	0.039	45.9	454.0	8.10	0.02	0.48	6.8	0.3	17.0	<0.02	4.1	0.032	0.04	0.4	52	<0.1	61.6
35	382785	10	0.1	1.80	7.1	367.0	0.10	0.33	0.04	11.4	58.5	44.67	2.66	5.3	55	0.04	11.5	0.99	312	0.73	0.041	33.2	115.0	7.89	0.02	0.44	6.0	0.3	16.5	0.02	3.7	0.028	0.04	0.5	48	<0.1	53.3
36	382786	10	0.2	0.84	8.7	229.0	0.04	1.06	0.17	17.0	69.0	38.83	2.66	3.8	30	0.02	5.5	0.91	530	0.50	0.029	46.4	492.0	5.02	0.30	0.26	3.7	0.2	24.5	<0.02	1.9	0.033	0.04	0.4	36	<0.1	67.6
37	382787	36	0.6	1.75	6.9	514.0	0.12	0.13	0.14	8.6	7.0	47.85	5.58	6.1	65	0.03	10.0	1.32	508	1.26	0.050	7.9	587.0	27.04	0.12	0.26	5.5	0.7	22.0	0.04	4.0	0.005	0.02	1.6	34	<0.1	160.4
38	382788	20	0.7	2.62	2.9	210.5	0.34	0.20	0.03	2.8	27.5	45.16	4.68	8.8	40	0.06	9.0	2.61	495	0.99	0.081	10.7	444.0	23.56	0.30	0.16	7.6	1.3	21.0	0.14	2.7	0.003	0.02	1.5	72	<0.1	145.3
39	382789	25	0.9	0.76	6.1	287.5	0.36	0.23	0.09	11.3	6.0	31.02	4.32	2.6	215	0.06	5.0	0.42	250	2.94	0.042	6.5	394.0	35.67	0.14	1.24	2.9	7.3	23.0	0.42	2.4	0.001	0.04	0.8	26	<0.1	132.5
40	382790	22	0.6	1.62	14.7	58.0	0.30	0.22	5.02	29.1	21.5	130.50	5.27	4.9	180	0.01	14.5	1.39	1034	0.62	0.033	15.5	735.0	6.61	0.04	0.44	9.4	0.9	4.0	0.06	1.9	0.005	<0.02	0.4	34	<0.1	309.6
41	382791	10	0.6	1.46	8.6	223.5	1.46	0.43	0.29	16.7	22.0	96.11	3.52	4.6	65	0.02	10.0	0.95	682	1.37	0.036	16.6	512.0	8.79	0.04	0.46	6.1	0.5	18.0	0.14	3.6	0.014	0.02	0.4	44	<0.1	67.4
42	382792	5	0.2	1.41	9.7	371.5	0.20	0.54	0.33	10.4	26.5	35.00	2.91	4.3	50	0.04	10.5	0.68	430	1.44	0.046	19.9	623.0	11.58	0.04	0.50	4.5	0.5	26.5	0.04	3.7	0.021	0.04	0.8	48	<0.1	76.2
43	382793	8	0.4	1.50	15.0	282.0	0.20	0.64	0.36	12.3	35.0	40.16	3.15	4.6	45	0.03	11.5	0.98	651	1.53	0.041	21.8	644.0	17.05	0.04	0.58	5.0	0.5	24.5	0.06	3.1	0.017	0.04	0.8	46	<0.1	71.3
44	382794	7	0.5	2.22	8.3	110.5	0.28	0.54	0.15	21.7	78.0	112.00	4.12	6.2	35	0.01	8.5	1.78	837	0.66	0.039	33.7	459.0	6.78	0.02	0.48	10.3	0.4	10.5	0.06	2.1	0.008	0.02	0.2	74	<0.1	55.5

QC DATA:

Repeat:

1	382751	33	6.9	0.13	7.4	59.5	0.12	<0.01	0.01	0.3	1.0	10.34	4.21	1.3	40	0.32	10.0	<0.01	6	5.05	0.145	0.5	886.0	120.50	1.00	1.22	0.4	0.4	162.0	0.02	10.4	0.001	0.26	1.5	<2	<0.1	4.4
10	382760	12	0.1	0.65	13.3	411.0	0.18	0.03	0.04	1.7	8.5	8.32	0.90	3.9	30	0.04	78.0	0.24	72	0.92	0.033	3.9	57.0	34.00	<0.02	0.38	1.7	0.7	7.5	<0.02	17.5	0.007	0.06	1.8	12	<0.1	26.2
19	382769	48	17.0	0.32	6.9	94.0	1.10	0.17	0.65	4.0	2.0	69.31	5.50	1.9	19580	0.06	2.0	0.15	112	0.85	0.043	2.8	520.0	6832.00	0.36	6.66	1.7	15.4	11.0	2.84	1.4	0.001	0.04	0.3	28	<0.1	492.6
28	382778	21	0.5	1.41	7.2	148.5	0.40	0.55	0.18	7.0	18.5	28.04	4.19	4.8	105	0.06	7.5	0.98	296	2.50	0.071	14.1	506.0	14.25	0.20	0.54	3.6	2.4	31.5	0.22	2.8	0.015	0.04	0.7	44	<0.1	105.9
36	382786	7	0.2	0.90	8.6	233.5	0.04	1.08	0.17	17.3	70.0	39.46	2.70	3.8	30	0.03	5.5	0.96	533	0.59	0.030	46.7	519.0	5.35	0.28	0.26	3.9	0.2	26.0	<0.02	1.9	0.035	0.02	0.6	36	<0.1	67.4

Standard:

Till-3			1.5	0.99	83.5	38.0	0.28	0.60	0.14	9.7	66.5	21.57	1.84	4.6	100	0.07	15.0	0.58	298	0.66	0.034	29.2	462.0	18.12	2.80	0.58	2.2	0.7	18.0	<0.02	2.8	0.051	0.08	0.9	30	<0.1	43.1
Till-3			1.4	1.02	83.0	39.0	0.30	0.61	0.15	10.0	64.0	21.95	1.89	4.4	105	0.05	14.5	0.62	298	0.64	0.037	29.7	451.0	16.10	2.54	0.50	2.1	0.6	17.5	<0.02	2.5	0.052	0.06	0.9	28	<0.1	41.1
SE29		608																																			
SE29		599																																			

Au 30g FA AA Finish
ICP - Aqua Regia / ICP - MS Finish


ECO TECH LABORATORY LTD.
Jutta Jealous
B.C. Certified Assayer

16-Nov-08
 Alex Stewart Geochemical
 ECO TECH LABORATORY LTD.
 10041 Dallas Drive
 KAMLOOPS, B.C.
 V2C 6T4

ICP CERTIFICATE OF ANALYSIS AW 2008- 1597

Klondike Star
 Box 20116, 1031 Ten Mile Rd
 Whitehorse, YT
 Y1A 7A2

Attention: Bill Mann

Phone: 250-573-5700
 Fax : 250-573-4557

No. of samples received: 181
 Sample Type: Soils
 Project: Lone Star/Dominion
 Submitted by: Bill Mann

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
1	382795	10	0.3	1.32	12.3	308.5	0.40	0.60	0.32	12.7	27.0	54.14	2.81	3.9	50	0.02	10.0	0.67	492	1.28	0.042	22.9	655.0	10.36	0.06	0.88	4.1	0.9	22.0	0.08	3.3	0.017	0.08	0.8	40	0.7	71
2	382796	10	0.6	1.90	12.6	100.5	0.36	0.74	0.58	29.9	23.5	136.30	4.25	5.2	30	0.02	11.5	1.43	1084	0.96	0.033	16.2	1059.0	9.05	0.10	0.46	7.0	1.2	15.0	0.06	2.5	0.008	0.06	0.4	58	0.4	75
3	382797	25	0.7	1.58	15.3	106.0	0.32	0.56	0.66	25.4	19.0	79.07	4.60	4.4	15	0.02	13.5	1.23	1008	0.87	0.036	16.0	1022.0	47.42	0.16	0.64	6.1	2.1	15.0	0.04	2.6	0.008	0.06	0.6	40	0.3	97
4	382798	60	0.5	2.04	39.8	193.5	0.24	0.78	0.75	25.1	23.5	90.11	4.09	5.4	15	0.04	16.0	1.22	1876	3.27	0.037	47.5	1343.0	25.15	0.08	0.56	4.1	1.5	34.0	0.04	6.5	0.002	0.12	0.6	40	0.3	124
5	382799	15	0.3	1.44	9.6	186.0	0.24	0.45	0.43	12.3	21.5	47.98	3.18	4.0	25	0.02	11.5	0.96	507	1.11	0.039	19.5	897.0	16.16	0.08	0.60	4.8	1.0	17.0	0.04	4.1	0.011	0.04	0.5	38	0.4	85
6	382800	15	0.6	2.10	7.3	104.0	0.60	1.44	0.16	22.3	15.0	147.00	4.69	5.7	25	0.04	16.5	1.53	1000	1.18	0.043	14.2	880.0	6.05	0.20	0.50	5.6	1.2	31.0	0.10	3.3	0.004	0.02	0.5	56	0.2	55
7	382801	10	0.4	0.93	5.4	139.5	0.16	0.52	0.57	7.5	6.5	28.68	1.82	3.3	25	0.03	30.0	0.82	474	1.54	0.024	8.3	597.0	16.96	0.04	0.40	3.8	1.2	14.0	<0.02	7.9	0.001	0.02	0.6	10	0.2	55
8	382802	5	0.2	0.41	1.5	133.5	0.20	1.20	0.15	3.1	4.5	12.73	1.13	1.9	20	0.03	24.5	0.35	259	0.67	0.031	4.0	284.0	17.63	0.02	0.32	2.2	0.9	26.0	<0.02	7.6	0.001	0.02	0.8	<2	0.1	37
9	382803	<5	<0.1	0.54	1.6	130.5	0.14	0.11	0.04	1.6	2.0	12.65	1.15	2.1	25	0.03	25.0	0.43	180	0.90	0.027	3.5	205.0	12.38	0.02	0.56	2.8	0.8	4.5	<0.02	10.6	0.001	0.02	0.7	2	0.2	36
10	382804	40	0.4	2.13	6.1	293.5	0.14	0.47	0.12	20.1	18.0	58.37	4.36	6.3	55	0.04	13.5	1.62	815	0.66	0.038	18.7	518.0	13.53	0.04	0.54	11.6	0.9	16.5	<0.02	4.2	0.006	0.04	0.5	76	0.2	66
11	382805	5	<0.1	1.80	10.1	188.5	0.12	0.26	0.09	8.4	7.0	22.05	4.05	5.8	20	0.02	9.5	0.85	768	0.54	0.033	6.2	459.0	5.73	0.04	0.32	8.5	0.7	8.5	<0.02	2.4	0.006	0.02	0.4	30	0.2	65
12	382806	15	0.2	2.22	10.9	147.5	0.24	0.45	0.18	23.0	8.0	43.55	5.66	6.3	15	0.03	5.0	1.43	1330	0.55	0.036	10.4	671.0	26.38	0.06	0.34	9.7	0.5	10.5	<0.02	1.6	0.007	0.02	0.2	82	0.4	88
13	382807	15	0.2	2.45	10.4	204.5	0.14	0.34	0.16	20.3	15.0	63.09	5.18	6.8	25	0.02	7.0	1.60	970	0.40	0.037	14.9	475.0	12.27	0.04	0.44	10.5	0.6	10.5	0.02	1.9	0.010	0.02	0.5	108	0.3	87
14	382808	40	0.1	2.90	6.0	160.5	0.10	0.42	0.10	21.3	76.0	43.28	5.04	7.9	20	0.02	6.5	2.40	1105	0.28	0.035	36.2	562.0	6.10	0.04	0.34	12.5	0.5	9.5	<0.02	1.5	0.007	0.02	0.2	124	0.5	71
15	382809	50	0.2	1.93	10.5	258.0	0.20	0.59	0.22	15.6	24.5	49.88	4.07	5.2	30	0.02	8.0	1.02	731	0.48	0.040	20.2	559.0	12.57	0.06	0.54	7.3	0.6	14.5	<0.02	1.7	0.011	0.04	0.6	68	1.1	83
16	382810	10	0.2	1.58	5.0	98.5	0.08	0.66	0.12	14.1	14.0	45.38	3.04	4.3	10	0.02	5.5	0.98	1071	0.47	0.034	11.7	901.0	4.90	0.04	0.20	4.7	0.5	10.5	<0.02	1.9	0.003	<0.02	0.2	34	1.2	66
17	382811	20	0.1	1.45	12.6	208.5	0.14	0.55	0.17	11.9	26.0	49.39	3.27	3.9	25	0.02	7.5	0.72	736	0.58	0.036	23.2	638.0	9.60	0.06	0.38	5.7	0.8	13.5	<0.02	1.5	0.007	0.02	0.7	42	0.7	66
18	382812	30	0.1	1.66	9.4	193.0	0.12	0.49	0.06	12.7	31.0	39.01	3.20	4.5	25	0.02	8.0	0.89	579	0.47	0.040	22.6	478.0	8.49	0.04	0.46	5.6	0.7	12.0	<0.02	1.9	0.011	0.02	0.8	50	0.4	61
19	382813	20	0.3	1.49	6.1	92.5	0.12	0.50	1.09	15.3	16.0	64.34	3.41	4.0	40	0.02	7.5	0.85	1046	1.05	0.035	17.3	902.0	15.16	0.06	0.26	5.9	0.7	9.0	<0.02	2.2	0.004	0.02	0.3	34	0.9	145
20	382814	20	0.2	1.76	5.4	110.5	0.06	0.66	0.13	13.8	20.0	46.62	3.61	4.7	15	0.02	5.5	1.20	887	0.57	0.037	16.0	862.0	5.09	0.06	0.30	5.9	0.7	11.5	<0.02	1.1	0.005	<0.02	0.3	50	0.6	68
21	382815	10	0.2	1.48	7.5	255.5	0.12	1.09	0.20	11.1	23.5	46.85	2.92	4.2	125	0.02	8.5	0.73	461	0.70	0.039	20.6	601.0	7.96	0.08	0.60	4.0	1.0	23.5	<0.02	1.2	0.012	0.04	1.6	42	0.5	62
22	382816	10	0.3	1.96	8.5	193.5	0.16	0.60	0.24	16.0	30.0	89.33	3.95	5.5	20	0.02	8.0	1.25	1047	0.96	0.037	21.0	697.0	7.09	0.06	0.66	7.6	0.8	12.5	0.04	1.4	0.008	0.02	0.6	72	2.5	73
23	382817	<5	0.2	1.13	7.1	212.5	0.10	1.65	0.14	9.5	16.5	34.62	2.26	3.3	40	0.02	6.5	0.57	573	0.68	0.038	15.3	640.0	6.74	0.08	0.52	1.9	1.0	38.0	<0.02	0.7	0.008	0.02	1.3	32	0.5	48
24	382818	<5	0.2	1.26	10.4	471.0	0.16	1.28	0.38	11.6	23.5	44.36	2.58	3.8	40	0.04	11.5	0.56	570	1.07	0.046	32.7	712.0	10.05	0.08	1.20	2.5	1.1	37.0	0.04	1.2	0.017	0.06	1.4	40	0.4	64
25	382819	5	0.2	1.26	10.7	486.5	0.16	1.21	0.45	9.9	23.5	39.53	2.55	3.8	25	0.04	10.0	0.56	507	0.82	0.046	29.5	622.0	9.81	0.06	0.96	2.5	0.9	35.5	0.04	1.1	0.016	0.04	0.8	42	0.2	64
26	382820	5	0.1	2.09	9.6	237.0	0.14	0.47	0.12	15.0	17.5	38.31	4.05	5.8	25	0.03	8.5	1.15	612	0.59	0.038	14.9	456.0	8.93	0.04	0.52	6.7	0.6	14.0	<0.02	2.0	0.018	0.02	0.4	80	0.2	64
27	382821	<5	0.2	1.58	3.1	147.5	0.12	0.32	0.29	11.5	7.5	41.37	2.98	4.9	5	0.02	13.0	1.04	1940	0.33	0.034	7.1	701.0	4.19	0.04	0.16	5.3	0.8	8.5	<0.02	2.5	0.002	<0.02	0.2	26	0.1	61
28	382822	<5	0.2	1.67	10.2	401.5	0.18	0.63	0.25	11.3	26.5	39.94	2.98	4.8	40	0.03	11.0	0.71	503	0.82	0.052	24.5	550.0	10.24	0.06	0.82	4.7	0.7	23.5	0.04	2.4	0.020	0.06	0.6	56	0.2	69
29	382823	5	0.3	1.71	8.4	278.0	0.14	0.78	0.18	12.1	28.5	44.09	3.36	4.9	30	0.02	9.5	0.91	532	0.93	0.043	23.0	566.0	14.85	0.06	0.58	5.5	0.9	23.5	<0.02	1.7	0.014	0.02	0.8	56	0.2	74
30	382824	<5	0.1	1.64	8.3	274.5	0.14	0.91	0.13	12.4	34.0	39.72	3.10	4.5	40	0.02	9.0	0.85	595	0.67	0.042	22.7	596.0	8.10	0.06	0.56	4.5	0.8	26.0	<0.02	1.3	0.013	0.02	1.1	54	0.2	51

Eco Tech Laboratory Ltd.		ICP Certificate of Analysis AW 2008- 1597																												Klondike Star											
Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zr ppm				
31	382825	10	0.2	1.36	8.3	170.5	0.12	0.85	0.28	12.5	25.5	43.48	2.89	3.8	25	0.02	7.5	0.76	674	0.76	0.040	18.4	724.0	8.14	0.06	0.52	3.7	0.7	19.5	<0.02	1.2	0.009	<0.02	0.6	40	0.4	68				
32	382826	5	0.4	1.45	8.3	213.5	0.12	0.75	0.21	12.4	26.5	70.06	2.83	4.1	30	0.03	8.5	0.76	648	0.64	0.087	20.1	623.0	14.08	0.08	0.52	4.6	0.7	20.5	0.02	1.4	0.013	0.02	0.6	44	0.3	74				
33	382827	<5	0.1	1.16	7.4	178.0	0.10	0.99	0.11	9.0	19.5	24.35	2.27	3.3	25	0.02	7.5	0.57	390	0.52	0.043	15.0	558.0	6.16	0.08	0.38	2.6	0.7	23.5	<0.02	1.0	0.011	0.02	0.7	36	0.5	44				
34	382828	<5	0.1	1.32	9.2	234.5	0.12	0.87	0.18	11.0	21.0	30.10	2.59	3.6	30	0.02	9.0	0.61	531	0.54	0.038	18.4	657.0	7.39	0.06	0.56	3.2	0.8	22.5	<0.02	1.3	0.014	0.02	0.9	42	0.3	50				
35	382829	<5	0.2	1.09	9.6	352.0	0.16	1.84	0.44	9.0	21.5	47.76	2.24	3.5	35	0.05	10.5	0.70	434	0.91	0.052	26.4	802.0	9.40	0.06	1.08	3.2	1.0	52.5	<0.02	2.5	0.024	0.08	0.9	36	0.2	74				
36	382830	<5	0.2	1.33	10.5	421.5	0.16	0.84	0.29	10.3	24.0	39.07	2.56	3.8	35	0.03	11.0	0.55	550	0.75	0.050	26.1	678.0	9.30	0.08	0.88	3.2	1.1	25.5	<0.02	1.7	0.016	0.06	1.0	44	0.3	57				
37	382831	<5	0.2	1.67	10.5	296.0	0.42	0.51	0.23	12.8	27.5	41.97	2.94	4.9	25	0.03	11.5	0.78	477	0.63	0.040	22.6	479.0	10.86	0.06	0.54	5.5	0.7	18.0	0.06	3.1	0.020	0.04	0.8	52	0.2	57				
38	382832	<5	0.2	1.56	11.1	352.5	0.32	0.82	0.14	10.9	20.5	54.68	2.93	4.6	60	0.02	12.0	0.74	413	0.62	0.034	22.7	584.0	8.51	0.06	0.70	4.2	1.1	24.5	0.04	1.7	0.012	0.02	1.0	46	0.2	57				
39	382833	5	0.3	1.60	13.7	218.0	0.32	0.93	0.27	10.4	13.0	87.65	3.33	4.9	25	0.02	9.0	0.74	585	0.69	0.038	15.0	661.0	7.25	0.08	0.40	4.6	1.3	23.5	0.04	1.2	0.010	0.02	0.7	44	0.2	57				
40	382834	<5	0.2	1.59	11.7	237.0	0.20	0.61	0.25	10.1	12.5	43.43	3.33	4.6	30	0.02	9.5	0.68	897	0.62	0.038	13.4	696.0	9.96	0.06	0.44	5.3	0.9	16.0	<0.02	1.6	0.012	0.02	0.6	36	0.1	60				
41	382835	10	0.2	1.60	11.7	254.0	0.16	0.49	0.12	9.8	17.0	36.31	3.28	4.8	30	0.03	10.0	0.66	471	0.60	0.040	15.9	678.0	8.57	0.04	0.54	5.5	0.7	16.5	<0.02	2.0	0.016	0.02	0.6	44	0.3	58				
42	382836	10	0.2	1.68	10.2	225.0	0.14	0.68	0.13	11.6	16.0	34.78	3.47	4.8	25	0.03	8.5	0.81	557	0.59	0.038	15.0	624.0	13.37	0.06	0.50	5.4	0.7	19.0	<0.02	1.8	0.017	0.02	0.5	56	3.7	58				
43	382837	15	0.2	1.43	7.1	360.0	0.10	1.47	0.13	8.6	14.0	35.70	2.51	3.8	45	0.02	9.0	0.68	586	0.44	0.040	17.7	650.0	7.16	0.08	0.74	2.6	1.1	44.0	0.04	0.8	0.010	0.02	1.9	42	0.8	44				
44	382838	10	0.2	1.57	8.3	334.0	0.14	1.18	0.25	9.9	19.0	39.73	2.85	4.4	35	0.03	9.5	0.75	585	0.55	0.042	19.4	506.0	8.72	0.06	0.72	4.0	0.9	38.0	<0.02	1.3	0.016	0.04	1.5	50	0.2	57				
45	382839	<5	0.2	1.20	9.8	459.0	0.14	0.95	0.21	8.9	21.5	33.13	2.41	3.5	30	0.03	11.5	0.58	475	0.79	0.042	24.3	743.0	9.52	0.06	0.94	3.0	0.7	31.5	0.02	1.9	0.019	0.04	0.6	40	0.4	60				
46	382840	5	0.1	1.00	10.2	329.5	0.14	1.34	0.26	8.4	19.5	30.67	2.25	3.1	35	0.03	10.5	0.66	498	1.02	0.044	23.7	718.0	9.64	0.06	0.94	2.9	0.7	35.0	0.04	2.4	0.020	0.04	0.6	34	0.6	60				
47	382841	15	0.2	1.08	11.0	386.0	0.16	1.46	0.29	9.1	21.0	34.19	2.42	3.5	35	0.04	11.0	0.68	462	0.94	0.047	26.4	735.0	10.56	0.04	1.06	3.0	0.7	34.0	0.04	2.5	0.021	0.06	0.5	36	0.4	60				
48	382842	25	2.0	0.22	9.4	77.5	2.32	0.25	4.40	32.0	2.0	16.98	8.78	0.5	175	0.02	2.0	0.07	1711	2.47	0.034	15.4	1077.0	110.50	0.32	0.50	3.5	7.6	7.0	0.88	2.4	0.001	<0.02	0.2	28	<0.1	431				
49	382843	40	0.4	2.01	6.2	77.5	0.28	0.16	0.10	8.0	3.5	31.61	6.03	6.2	55	0.06	14.5	1.43	692	0.45	0.134	3.2	976.0	15.10	0.54	0.18	6.5	1.4	56.0	0.12	5.0	0.002	<0.02	1.3	10	<0.1	83				
50	382844	<5	<0.1	1.32	7.9	197.5	0.02	0.23	0.04	11.5	66.5	44.95	2.22	3.8	10	0.02	9.5	1.04	273	0.49	0.027	41.4	288.0	4.28	0.04	0.40	3.5	0.8	9.5	0.02	1.6	0.023	<0.02	0.7	32	<0.1	54				
51	382845	<5	0.1	1.89	7.1	445.0	0.10	0.26	0.05	12.0	59.0	25.60	2.76	5.4	10	0.04	6.5	1.16	561	0.89	0.038	32.4	186.0	8.69	0.06	0.52	4.8	0.4	15.0	0.02	2.3	0.015	0.04	0.3	56	0.1	44				
52	382846	<5	0.1	1.77	9.1	424.5	0.12	0.38	0.05	10.2	46.0	36.82	2.90	5.0	30	0.04	12.0	0.98	402	0.74	0.040	29.8	230.0	9.34	0.04	0.76	6.6	0.6	17.5	<0.02	3.8	0.022	0.04	0.6	54	0.1	57				
53	382847	<5	0.1	1.82	8.2	359.5	0.12	0.28	0.07	12.2	38.5	33.11	2.89	5.2	25	0.03	11.5	1.05	438	0.78	0.037	24.8	207.0	8.12	0.04	0.56	5.1	0.6	15.0	<0.02	3.3	0.028	0.04	0.4	54	0.1	57				
54	382848	5	0.2	1.77	8.7	431.5	0.12	0.43	0.06	12.7	52.5	48.25	2.91	5.3	35	0.04	14.5	1.26	450	0.64	0.043	37.8	409.0	9.18	0.06	0.68	5.5	0.7	20.0	<0.02	3.8	0.021	0.04	0.4	48	0.2	57				
55	382849	<5	0.3	1.46	3.5	538.0	0.04	0.25	0.04	7.3	53.5	13.40	1.92	4.2	10	0.03	2.5	0.82	180	0.50	0.034	25.4	160.0	5.42	0.04</																

TECH LABORATORY LTD.		ICP CERTIFICATE OF ANALYSIS AW 2008- 1597																												Klondike Star								
Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
76	382870	10	0.4	1.61	4.7	350.0	0.12	0.41	0.15	10.3	44.0	32.59	3.54	5.4	55	0.04	19.0	1.30	756	1.46	0.039	18.7	882.0	18.40	0.04	0.42	7.8	1.0	9.5	0.04	6.6	0.004	0.06	0.6	38	0.2	9	7
77	382871	5	0.3	1.23	1.5	269.5	0.26	5.10	0.24	22.3	24.0	85.14	5.83	4.7	40	0.03	5.0	1.29	1204	0.54	0.038	26.9	550.0	8.01	0.04	0.64	27.3	0.3	61.0	<0.02	2.3	0.001	0.04	1.1	114	0.2	7	7
78	382872	5	0.4	1.29	19.6	183.5	0.14	1.45	0.39	22.5	19.5	67.95	5.00	4.3	60	0.03	15.0	0.88	1045	1.79	0.037	22.7	861.0	11.30	0.04	1.86	10.4	1.1	17.5	<0.02	5.6	0.002	0.04	1.1	60	0.2	9	9
79	382873	10	0.2	0.45	5.9	243.5	0.20	0.15	0.09	4.6	8.0	22.08	2.45	1.4	45	0.03	14.0	0.10	356	0.81	0.036	10.2	242.0	13.52	0.02	0.38	5.0	0.7	7.0	<0.02	5.1	0.003	0.04	1.4	20	0.2	5	5
80	382874	<5	0.2	0.66	114.3	250.0	0.12	0.24	0.12	19.1	17.0	83.51	4.36	2.4	65	0.03	12.0	0.27	380	3.30	0.037	58.7	535.0	14.58	0.02	2.60	5.1	1.8	10.5	0.06	6.3	0.003	0.04	1.3	32	0.1	10	10
81	382875	30	0.4	0.82	3.4	41.0	0.32	5.56	0.18	20.9	9.0	38.98	5.00	2.3	30	0.02	2.0	0.74	913	0.71	0.035	11.6	796.0	5.86	0.02	0.44	7.1	0.6	25.5	0.06	2.4	0.005	<0.02	0.5	40	<0.1	7	7
82	382876	5	0.2	1.96	4.4	134.5	0.20	0.81	0.05	16.1	24.5	82.24	4.02	5.9	45	0.02	8.0	1.60	926	0.41	0.036	17.5	653.0	6.36	0.02	0.58	7.6	0.6	13.5	0.06	4.0	0.008	<0.02	0.3	60	0.1	5	5
83	382877	10	0.5	0.82	4.3	115.5	0.68	1.38	0.05	7.2	7.0	18.74	2.23	2.7	30	0.01	26.0	0.58	466	0.54	0.034	7.2	396.0	6.47	0.02	0.40	4.9	0.7	9.0	0.10	7.1	0.003	<0.02	0.9	20	0.1	2	2
84	382878	30	0.4	0.89	4.9	250.0	0.18	1.48	0.26	11.6	31.0	33.93	3.53	2.8	60	0.03	9.5	0.68	642	1.41	0.037	21.9	848.0	13.40	0.02	0.50	4.0	0.4	25.5	0.04	5.3	0.005	0.02	0.6	32	0.1	11	11
85	382879	30	0.5	1.98	10.9	202.5	0.10	2.99	0.52	20.3	14.0	73.09	4.10	5.2	55	0.02	10.5	1.46	1143	0.87	0.038	14.5	591.0	31.38	0.06	0.64	6.7	0.6	31.0	0.02	2.4	0.005	0.02	1.3	52	0.1	8	8
86	382880	20	0.8	1.80	12.6	293.0	0.14	1.21	0.47	18.7	19.0	84.77	4.14	5.0	50	0.03	7.5	1.14	960	1.17	0.049	17.4	484.0	24.41	0.10	0.78	5.9	0.9	34.0	0.06	1.7	0.009	0.04	2.4	50	0.1	8	8
87	382881	10	0.3	1.40	4.9	320.0	0.18	1.29	0.20	9.1	27.0	30.17	2.82	4.0	40	0.03	11.0	0.92	510	0.84	0.041	16.8	582.0	15.04	0.04	0.54	3.9	0.3	24.5	0.02	4.9	0.010	0.04	0.7	34	0.1	6	6
88	382882	5	0.3	1.43	8.0	324.0	0.18	1.93	0.22	11.6	30.5	41.08	2.97	4.1	45	0.03	11.5	0.96	546	0.94	0.045	23.8	621.0	16.13	0.04	0.86	4.2	0.5	35.0	0.02	4.0	0.019	0.04	0.6	44	0.2	7	7
89	382883	30	0.7	2.40	3.8	42.5	0.40	0.31	0.04	19.0	71.5	57.96	4.29	8.2	20	<0.01	3.5	2.17	655	0.09	0.034	20.4	541.0	5.96	0.02	0.94	15.9	0.4	9.0	0.14	1.2	0.005	<0.02	0.2	132	<0.1	3	3
90	382884	60	0.4	1.51	2.7	85.5	0.42	2.68	0.17	16.9	17.0	30.36	3.58	4.1	30	0.01	4.0	1.26	1154	0.36	0.035	17.5	389.0	7.09	0.04	0.34	5.6	0.4	28.5	0.06	3.2	0.001	<0.02	0.4	36	<0.1	5	5
91	382885	20	0.5	0.25	25.2	250.0	0.12	4.21	0.25	16.9	15.5	45.58	3.58	1.2	70	0.03	8.5	0.97	455	0.50	0.038	30.4	931.0	23.77	0.04	1.00	3.5	0.9	60.0	0.04	5.5	0.005	0.02	1.0	24	<0.1	9	9
92	382886	25	0.5	0.38	128.5	205.0	0.10	0.15	0.32	15.4	10.0	75.41	4.34	1.3	55	0.03	14.0	0.09	283	3.23	0.033	47.8	659.0	14.64	0.02	0.86	5.7	1.6	9.0	0.04	5.0	0.003	0.02	1.3	22	<0.1	10	10
93	382887	10	0.3	1.72	8.1	211.0	0.10	0.99	0.07	13.5	50.0	46.62	3.06	6.0	45	0.03	17.5	1.39	493	0.66	0.037	29.3	296.0	9.51	0.04	0.56	7.2	0.8	17.5	0.04	3.7	0.010	0.02	0.6	64	0.1	6	6
94	382888	10	0.4	2.39	9.5	360.0	0.04	0.52	0.33	22.2	128.5	94.93	4.29	8.4	25	0.03	18.5	2.98	739	1.12	0.034	71.0	684.0	14.29	0.04	0.90	19.9	1.0	16.0	0.02	6.3	0.011	0.02	1.6	90	<0.1	9	9
95	382889	5	0.4	1.71	6.8	378.0	0.18	0.82	0.17	14.3	37.5	45.29	3.50	5.6	25	0.04	13.5	1.40	601	0.68	0.040	24.3	548.0	12.92	0.02	0.56	7.6	0.7	19.5	<0.02	4.8	0.010	0.04	0.7	54	0.1	7	7
96	382890	5	0.2	2.11	2.6	262.0	0.10	0.34	0.08	13.9	63.5	38.05	3.34	6.5	15	0.03	21.5	2.24	472	0.29	0.035	31.4	580.0	9.08	0.02	0.30	8.3	0.4	7.5	<0.02	6.4	0.008	0.02	0.5	56	<0.1	7	7
97	382891	<5	0.5	1.88	6.2	287.5	0.12	0.25	0.11	12.1	51.0	23.33	3.21	6.4	10	0.02	4.0	1.22	594	0.66	0.036	22.5	274.0	12.60	0.04	0.36	4.1	0.3	10.0	<0.02	2.0	0.021	0.04	0.3	80	0.1	6	6
98	382892	5	0.3	1.57	5.5	653.5	0.16	0.34	0.06	13.3	61.5	41.28	3.76	4.8	35	0.04	21.0	1.01	407	1.28	0.039	42.2	418.0	9.48	0.04	0.58	13.2	0.8	11.0	<0.02	5.8	0.005	0.04	1.1	56	<0.1	5	5
99	382893	80	1.6	1.48	7.6	55.0	0.32	0.43	0.31	7.7	17.0	42.19	4.74	5.0	165	0.11	7.0	0.95	394	1.38	0.189	15.8	656.0	24.88	0.74	0.72	4.7	1.5	28.5	0.70	3.9	0.017	0.06	0.6	46	0.1	20	20
100	382894	30	2.3	1.04	5.6	63.0	0.28	0.33	0.73	7.3																												

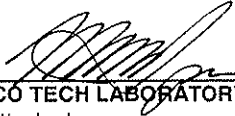
Eco Tech Laboratory Ltd.		ICP Certificate of Analysis AW 2008- 1597																												Klondike Star									
Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
121	382915	<5	0.2	0.89	23.4	384.0	0.54	0.14	0.27	8.9	12.0	117.20	2.59	3.2	10	0.12	38.5	0.48	342	2.37	0.041	19.3	264.0	47.57	0.04	1.54	2.6	1.5	12.5	0.02	14.5	0.041	0.24	2.4	18	<0.1	174		
122	382916	<5	0.1	0.19	1.1	141.5	0.12	0.02	0.03	1.0	3.0	6.81	0.34	0.7	5	0.04	18.0	0.04	17	0.10	0.036	2.0	40.0	14.01	0.04	0.20	1.2	0.2	3.5	<0.02	13.3	0.004	<0.02	0.9	12	<0.1	4		
123	382917	<5	0.1	0.73	0.7	149.0	0.08	0.12	0.03	4.4	3.0	14.46	1.21	2.2	<5	0.10	2.0	0.50	140	0.10	0.034	3.9	181.0	6.19	0.04	0.14	1.3	0.2	6.0	<0.02	2.8	0.022	0.08	0.3	26	<0.1	27		
124	382918	<5	0.2	0.33	2.1	89.5	0.18	0.03	0.07	2.9	4.0	11.42	1.01	1.1	5	0.04	24.0	0.09	91	0.79	0.036	3.7	155.0	19.55	0.02	0.26	1.4	0.5	1.5	<0.02	14.0	0.004	0.04	1.0	8	<0.1	19		
125	382919	<5	0.1	0.25	1.1	117.0	0.26	0.08	0.03	1.2	1.5	14.72	0.89	1.0	10	0.04	31.5	0.04	54	0.17	0.037	1.7	145.0	36.42	0.06	0.18	1.2	0.5	5.5	0.04	16.1	0.005	<0.02	0.7	8	<0.1	20		
126	382920	20	0.1	0.33	1.9	202.5	0.10	0.09	0.03	2.4	3.5	8.35	0.87	1.0	5	0.07	15.0	0.10	45	0.12	0.036	3.7	347.0	14.28	0.02	0.22	1.1	0.2	4.5	<0.02	10.0	0.007	0.04	0.6	10	<0.1	18		
127	382921	<5	0.4	0.36	2.0	185.0	0.22	0.04	0.05	2.9	5.0	14.80	0.86	2.3	10	0.05	59.5	0.19	52	0.09	0.042	4.2	97.0	23.78	0.04	0.26	2.1	0.8	2.5	<0.02	17.9	0.011	0.06	1.1	10	<0.1	18		
128	382922	<5	0.1	1.95	1.1	210.0	0.02	0.37	0.02	17.1	58.5	82.67	3.31	4.4	10	0.08	3.0	1.66	527	0.06	0.042	30.1	346.0	4.43	0.04	0.26	2.9	0.3	12.0	0.04	2.3	0.050	0.04	0.5	56	<0.1	55		
129	382923	<5	0.1	0.22	0.5	501.5	0.16	0.03	0.08	1.1	2.0	5.63	0.33	1.1	<5	0.05	35.0	0.07	34	0.06	0.039	1.5	78.0	28.18	0.04	0.22	1.0	0.5	6.0	<0.02	20.3	0.006	0.04	1.3	10	<0.1	8		
130	382924	<5	0.2	0.82	5.3	263.5	0.82	0.20	0.20	6.7	11.5	73.23	2.22	2.9	15	0.20	40.0	0.42	309	1.08	0.040	16.3	431.0	40.74	0.04	0.38	2.6	1.3	24.0	<0.02	15.6	0.040	0.24	3.0	18	<0.1	128		
131	382925	<5	0.3	0.97	20.5	379.0	0.54	0.26	0.14	7.6	14.5	61.88	2.49	3.0	30	0.06	23.5	0.33	364	1.30	0.042	21.1	222.0	30.03	0.04	0.94	3.4	1.0	25.0	0.04	11.4	0.016	0.08	3.1	26	0.1	82		
132	382926	<5	0.3	0.16	2.0	270.5	0.24	0.13	2.09	6.1	2.5	59.56	1.93	0.5	30	0.03	10.5	0.04	1008	1.23	0.032	12.3	442.0	143.50	0.04	0.50	2.7	0.4	8.0	<0.02	12.1	0.001	0.02	0.9	8	<0.1	357		
133	382927	<5	0.2	0.91	0.1	231.0	0.16	0.28	0.25	4.7	5.0	23.06	2.29	4.5	<5	0.50	24.5	0.53	503	0.04	0.038	5.7	554.0	22.21	0.04	0.08	4.4	0.5	11.0	<0.02	10.9	0.088	0.42	0.6	22	<0.1	77		
134	382928	5	0.2	1.51	11.9	74.0	0.12	0.25	0.24	13.5	31.0	39.23	2.86	4.6	10	0.03	16.5	1.49	584	0.38	0.040	12.8	398.0	8.30	0.04	0.22	8.4	0.5	4.0	<0.02	7.2	0.004	<0.02	0.4	66	<0.1	44		
135	382929	<5	0.3	1.25	8.3	70.5	0.22	0.30	0.31	8.5	21.5	52.66	2.40	4.0	10	0.01	12.5	0.80	668	0.36	0.034	10.4	459.0	9.03	0.04	0.14	4.6	0.7	5.5	<0.02	4.1	0.002	<0.02	0.3	32	0.1	37		
136	382930	<5	<0.1	2.39	0.8	114.5	<0.02	0.58	0.03	20.7	11.5	32.61	4.55	6.7	5	0.06	2.0	2.14	897	0.13	0.037	7.9	650.0	3.48	0.04	0.32	4.3	0.2	10.5	100.00	0.8	0.023	0.04	0.3	88	<0.1	81		
137	382931	45	0.3	2.08	4.5	60.0	0.06	2.27	0.16	22.6	18.5	74.75	5.45	6.3	5	0.02	3.0	1.34	1427	0.58	0.039	18.1	724.0	5.54	0.04	0.28	10.8	0.4	12.0	0.02	1.4	0.002	<0.02	0.3	68	0.1	98		
138	382932	<5	0.1	1.63	2.9	128.0	0.06	0.45	0.13	11.7	33.0	43.07	3.04	5.0	10	0.02	5.5	1.15	749	0.08	0.037	20.5	751.0	5.18	0.04	0.36	4.8	0.3	9.0	<0.02	1.6	0.005	<0.02	0.3	50	0.2	44		
139	382933	30	0.1	1.95	3.0	90.5	0.20	0.51	0.05	18.0	10.0	69.03	4.52	6.2	15	0.02	13.5	1.18	721	0.34	0.040	9.2	792.0	6.99	0.04	0.86	12.3	0.6	11.0	<0.02	3.4	0.006	<0.02	0.6	84	0.8	38		
140	382934	5	0.1	2.09	1.6	78.5	0.04	0.27	0.02	12.5	8.0	11.84	4.06	6.1	10	0.01	5.0	1.34	476	0.06	0.040	7.4	553.0	5.49	0.04	0.24	4.0	0.2	7.5	<0.02	1.7	0.016	<0.02	0.3	68	<0.1	31		
141	382935	10	0.1	0.98	24.4	60.0	0.32	0.28	0.11	9.9	8.5	8.70	2.68	3.8	15	0.01	17.5	0.53	532	0.32	0.028	5.7	820.0	6.32	0.02	0.30	7.8	0.8	4.5	<0.02	5.7	0.001	0.04	0.4	26	0.4	32		
142	382936	5	0.2	1.45	6.5	196.0	0.14	0.44	0.39	8.8	18.0	32.73	2.79	4.4	25	0.02	15.0	0.63	695	0.78	0.034	15.7	689.0	8.01	0.02	0.56	4.4	0.5	13.0	<0.02	4.4	0.016	0.08	0.4	36	0.5	98		
143	382937	10	0.1	2.21	4.7	270.5	0.28	0.36	0.29	17.4	15.0	18.65	4.45	6.8	20	0.01	12.5	1.06	990	0.58	0.032	11.6	458.0	7.62	0.02	0.54	7.3	0.4	13.5	<0.02	4.2	0.013	0.06	0.6	58	0.5	96		
144	382938	<5	0.1	1.77	4.8	132.5	0.20	0.47	0.56	14.4	13.0	13.23	3.66	5.8	15	0.02	13.5	0.89	849	0.46	0.031	9.9	796.0	6.00	0.02	0.50	6.1	0.5	13.5	0.04	4.5	0.013	0.04	1.0	56	0.6	120		
145	382939	400	0.1	1.47	6.6	188.0	0.12	0.72	0.11	11.3	19.5	31.49	3.10	4.4	20	0.02	7.5	0.0																					

ECO TECH LABORATORY LTD.		ICP CERTIFICATE OF ANALYSIS AW 2008- 1597																												Klondike Star									
Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
166	382960	<5	0.1	1.45	5.0	190.5	0.20	0.37	0.06	10.2	24.5	47.48	2.72	4.5	20	0.03	10.5	0.92	387	0.52	0.029	19.4	573.0	5.73	0.02	0.34	4.3	0.5	13.0	0.04	3.9	0.020	0.02	0.7	40	0.1	39		
167	382961	10	0.1	1.24	9.8	288.5	0.22	0.42	0.25	9.3	18.5	36.80	2.88	3.9	20	0.05	12.5	0.56	440	0.95	0.040	13.9	555.0	18.26	0.04	0.58	3.9	0.6	15.5	<0.02	3.8	0.023	0.06	1.0	42	0.2	90		
168	382962	<5	0.1	0.75	3.2	162.0	0.22	0.19	0.05	3.4	5.5	14.57	1.52	2.5	20	0.03	9.0	0.37	354	0.65	0.029	5.9	238.0	17.49	0.04	0.26	2.9	0.4	13.0	<0.02	5.8	0.004	0.02	0.8	16	<0.1	40		
169	382963	<5	0.4	1.61	19.0	238.5	0.10	0.43	0.31	16.1	31.0	47.43	4.08	4.6	15	0.05	11.5	1.50	663	2.88	0.030	26.8	1125.0	12.36	0.02	0.60	3.5	0.9	24.5	0.04	5.7	0.003	0.04	0.7	38	<0.1	94		
170	382964	5	0.4	1.02	18.6	217.0	0.08	3.84	0.36	13.1	13.5	37.96	3.40	4.1	100	0.04	28.5	0.93	623	1.32	0.030	21.0	909.0	10.11	0.04	0.58	10.3	0.9	45.5	0.02	6.8	0.005	0.02	0.8	42	<0.1	74		
171	382965	<5	0.3	0.17	2.7	154.0	0.04	<0.01	0.03	1.2	1.5	11.36	1.33	0.8	5	0.07	28.0	0.04	30	0.52	0.046	1.3	378.0	10.96	0.26	0.28	0.5	0.3	20.0	<0.02	14.9	0.002	0.06	3.1	6	<0.1	4		
172	382966	10	0.7	1.05	9.6	473.0	0.12	0.06	0.03	5.1	18.0	16.54	2.07	2.9	30	0.05	12.0	0.26	165	1.11	0.036	10.8	227.0	18.35	0.10	0.88	2.6	0.4	15.5	<0.02	7.9	0.021	0.06	1.0	34	0.2	28		
173	382967	10	1.9	0.51	7.3	360.0	0.12	0.04	0.05	2.8	9.5	12.77	1.74	1.7	35	0.05	12.0	0.14	100	1.49	0.032	5.4	263.0	30.09	0.12	1.38	1.5	0.5	11.5	<0.02	7.8	0.012	0.06	1.2	22	0.1	16		
174	382968	45	6.7	0.83	9.6	376.0	0.18	0.06	0.04	4.1	14.5	19.24	2.21	2.4	295	0.09	9.0	0.23	128	1.68	0.038	10.2	265.0	35.48	0.22	3.06	2.8	0.4	16.0	<0.02	6.4	0.020	0.08	0.8	30	0.1	23		
175	382969	245	>30	0.60	7.6	318.5	0.14	0.05	0.05	3.3	12.0	8.67	1.60	1.9	1370	0.04	6.5	0.19	109	2.12	0.048	6.1	193.0	110.30	0.14	19.34	1.8	0.8	11.5	<0.02	3.7	0.020	0.06	0.4	26	0.1	24		
176	382970	10	19.7	0.83	8.0	219.0	0.12	0.04	0.03	3.3	7.5	6.36	1.76	1.3	95	0.13	5.5	0.08	52	2.77	0.037	6.9	250.0	38.82	0.30	1.96	0.7	0.4	8.5	<0.02	2.1	0.006	0.10	0.2	20	0.4	10		
177	382971	<5	1.1	0.70	7.6	449.5	0.14	0.08	0.04	4.4	14.0	19.66	2.10	2.3	90	0.04	13.0	0.23	157	1.03	0.039	9.1	246.0	16.89	0.12	1.02	2.5	0.5	18.0	<0.02	5.9	0.018	0.04	1.0	30	0.2	27		
178	382972	<5	0.2	0.21	5.5	347.5	0.10	<0.01	0.02	1.3	1.5	6.95	2.60	1.3	110	0.03	30.5	0.01	26	2.09	0.033	1.1	317.0	27.30	0.14	1.38	0.6	0.8	16.0	<0.02	19.0	0.001	0.04	1.4	8	<0.1	16		
179	382973	5	<0.1	0.29	5.8	196.0	0.14	0.01	0.07	0.3	2.0	3.14	0.32	1.3	5	0.04	28.5	0.03	17	0.48	0.026	0.9	50.0	18.33	<0.02	0.18	0.3	0.3	2.0	<0.02	7.8	0.002	0.02	0.9	10	<0.1	7		
180	382974	10	0.2	1.54	11.4	334.5	0.20	0.09	0.07	7.8	26.5	25.26	2.44	4.9	30	0.03	91.0	0.38	262	0.89	0.033	16.2	180.0	17.93	0.02	0.80	5.1	1.2	8.5	<0.02	9.9	0.028	0.06	2.1	50	0.2	39		
181	382975	10	0.2	1.24	11.3	254.5	0.14	0.08	0.07	5.4	19.0	20.01	1.84	3.8	20	0.04	70.0	0.38	189	0.67	0.032	15.3	129.0	17.52	0.02	0.64	2.7	0.6	6.5	0.02	10.9	0.021	0.08	1.6	38	0.2	41		
QC DATA:																																							
Repeat:																																							
1	382795	5	0.3	1.28	11.7	298.0	0.38	0.60	0.30	12.0	26.0	53.30	2.77	3.9	50	0.02	10.0	0.65	475	1.18	0.043	22.2	714.0	14.19	0.06	0.82	4.1	0.9	22.0	0.08	3.5	0.017	0.06	0.7	38	0.5	69		
10	382804	55	0.3	2.16	6.3	292.5	0.14	0.46	0.13	19.4	18.5	57.88	4.39	6.2	55	0.05	13.0	1.66	826	0.77	0.037	18.5	519.0	8.93	0.04	0.54	11.9	0.9	16.5	0.02	3.7	0.006	0.04	0.5	76	0.1	65		
19	382813	10	0.3	1.47	6.1	93.5	0.14	0.48	1.12	15.2	16.0	64.60	3.42	4.1	45	0.02	7.0	0.85	1067	1.08	0.033	17.7	903.0	15.63	0.06	0.28	5.8	0.8	9.0	<0.02	2.2	0.004	<0.02	0.3	34	1.0	152		
28	382822	<5	0.2	1.59	9.7	386.0	0.16	0.62	0.24	10.6	25.0	38.17	2.86	4.5	45	0.03	10.5	0.68	481	0.81	0.044	24.6	567.0	13.70	0.06	0.80	4.3	0.7	22.5	0.04	2.4	0.019	0.04	0.6	50	0.3	71		
36	382830	<5	0.2	1.23	9.5	372.0	0.14	0.77	0.27	9.2	22.0	35.80	2.42	3.6	35	0.03	10.0	0.51	514	0.62	0.047	23.3	618.0	8.63	0.06	0.74	3.2	0.9	23.5	<0.02	1.4	0.015	0.04	1.0	40	0.4	53		
45	382839	<5	0.1	1.12	9.6	418.5	0.14	0.89	0.20	8.8	20.0	30.48	2.28	3.3	30	0.03	10.5	0.55	442	0.74	0.044	22.9	675.0	8.66	0.06	0.90	2.9	0.6	29.5	0.02	2.0	0.019	0.04	0.6	38	0.3	56		
54	382848	<5	0.2	1.79	9.2	430.0	0.14	0.40	0.07	13.2	53.5	49.40	2.92	5.3	40	0.04	14.5	1.28	453	0.81	0.043	38.5	398.0	9.24	0.06	0.72	5.6	0.7	19.5	0.02	3.6	0.023	0.04	0.4	48	0.2	54		
63	382857	<5	0.3	1.74	23.4	67.0	0.10	0.20	0.07	11.6	5.5	27.52	4.92	6.1	25	0.01	6.0	0.96	887	0.53	0.035	10.9	452.0	8.77	0.04	0.80	12.8	0.7	4.5	0.06	1.5	0.002	<0.02	0.5	48	<0.1	56		
71	382865	20	0.7	1.67	11.4	154.0	0.12	5.28	0.47	22.7	25.0	78.35	4.88	4.4	45	0.02	4.0	1.33	1032	1.07	0.039	20.2	494.0	27.66	0.04	0.72	7.9	0.5	23.5	0.02	2.7	0.004	0.04	0.7	56	0.1	107		
80	382874	<5	0.2	0.63	113.9	240.0	0.10	0.27	0.11	18.3	16.0	80.50	4.25	2.3	60	0.03	10.5	0.27	385	3.30	0.036	55.9	599.0	15.27	0.02	2.50	4.8	1.6	10.5	0.04	6.1	0.002	0.04	1.3	30	<0.1	99		
89	382883	20	0.7	2.31	3.4	41.0																																	

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
Se29		595																																				
Se29		595																																				
Se29		600																																				
SF30		840																																				
SF30		830																																				
SF30		835																																				

Au 30g FA AA Finish
ICP - Aqua Regia / ICP - MS Finish

JJ/ndw
dt/1597AS/CS
XLS/08


ECO TECH LABORATORY LTD.
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B.C. Certified Assayer

Eco Tech Laboratory Ltd.
10041 Dallas Drive,
Kamloops, British Columbia,
V2C 6T4, Canada
Tel + 250 573 5700
Fax + 250 573 4557
www.alexstewart.com



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Stewart
GEOCHEMICAL

CERTIFICATE OF ASSAY AK 2008-1597

Klondike Star

28-Nov-08

Box 20116, 1031 Ten Mile Rd
Whitehorse, YT
Y1A 7A2

No. of samples received: 181

Sample Type: Soils

Project: Lone Star/Dominion

Submitted by: Bill Mann

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
175	382969	52.0	1.52

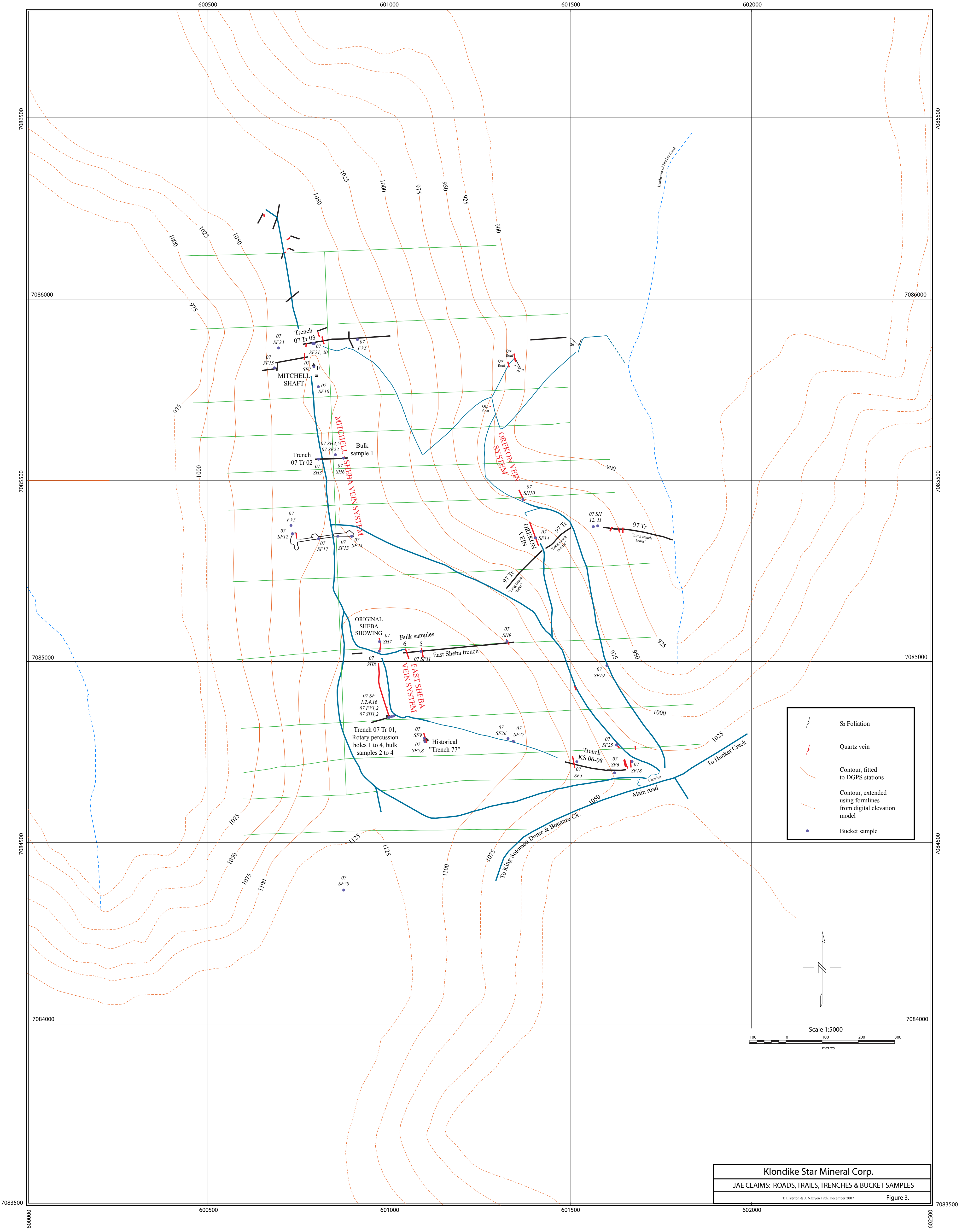
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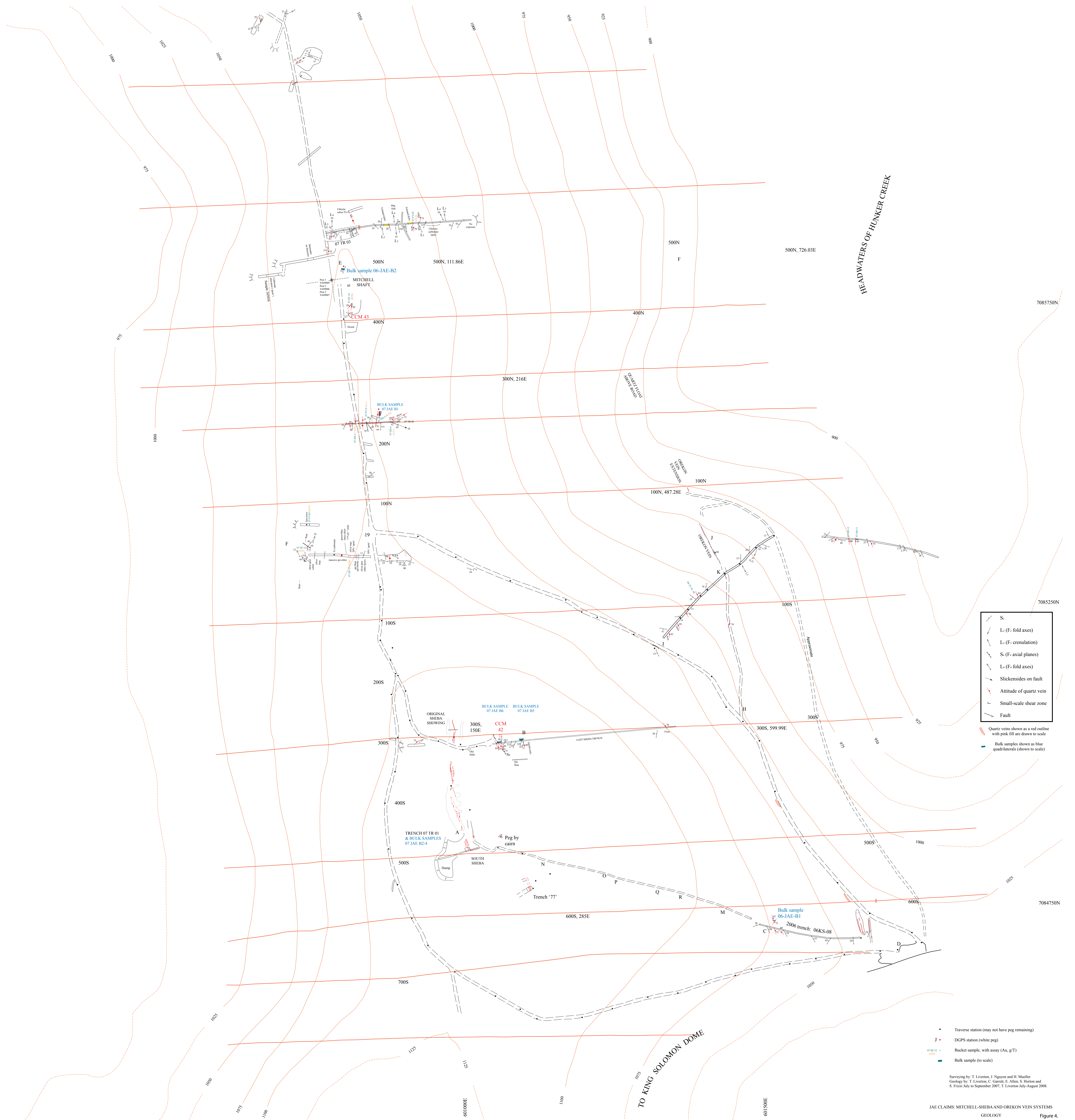
Standard:

Pb129	24.1	0.70
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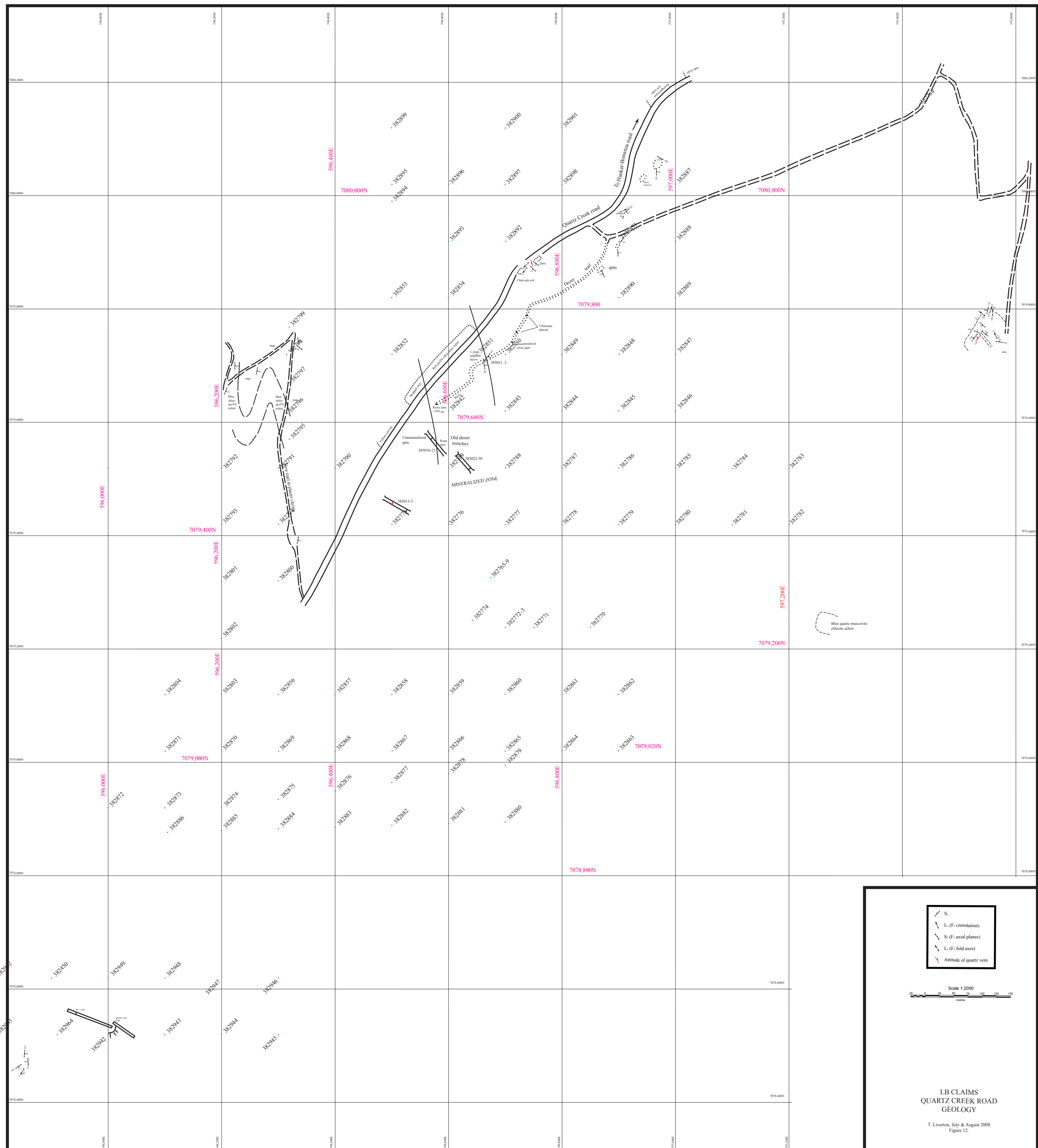
JJ/nw
XLS/08


ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

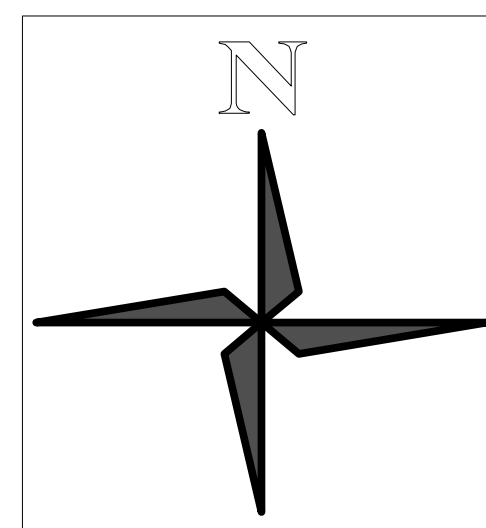








This topographic map depicts a rugged landscape in West Virginia, characterized by dense contour lines indicating steep terrain. The map is overlaid with a grid of coordinates, with major grid lines labeled at intervals of 1000 feet (e.g., 14500, 15000, 15500, 16000, 16500, 17000, 17500, 18000, 18500, 19000, 19500, 20000, 20500, 21000, 21500, 22000, 22500, 23000, 23500, 24000, 24500, 25000, 25500, 26000, 26500, 27000, 27500, 28000, 28500, 29000, 29500, 30000, 30500, 31000, 31500, 32000, 32500, 33000, 33500, 34000, 34500, 35000, 35500, 36000, 36500, 37000, 37500, 38000, 38500, 39000, 39500, 40000, 40500, 41000, 41500, 42000, 42500, 43000, 43500, 44000, 44500, 45000, 45500, 46000, 46500, 47000, 47500, 48000, 48500, 49000, 49500, 50000, 50500, 51000, 51500, 52000, 52500, 53000, 53500, 54000, 54500, 55000, 55500, 56000, 56500, 57000, 57500, 58000, 58500, 59000, 59500, 60000, 60500, 61000, 61500, 62000, 62500, 63000, 63500, 64000, 64500, 65000, 65500, 66000, 66500, 67000, 67500, 68000, 68500, 69000, 69500, 70000, 70500, 71000, 71500, 72000, 72500, 73000, 73500, 74000, 74500, 75000, 75500, 76000, 76500, 77000, 77500, 78000, 78500, 79000, 79500, 80000, 80500, 81000, 81500, 82000, 82500, 83000, 83500, 84000, 84500, 85000, 85500, 86000, 86500, 87000, 87500, 88000, 88500, 89000, 89500, 90000, 90500, 91000, 91500, 92000, 92500, 93000, 93500, 94000, 94500, 95000, 95500, 96000, 96500, 97000, 97500, 98000, 98500, 99000, 99500, 100000, 100500, 101000, 101500, 102000, 102500, 103000, 103500, 104000, 104500, 105000, 105500, 106000, 106500, 107000, 107500, 108000, 108500, 109000, 109500, 110000, 110500, 111000, 111500, 112000, 112500, 113000, 113500, 114000, 114500, 115000, 115500, 116000, 116500, 117000, 117500, 118000, 118500, 119000, 119500, 120000, 120500, 121000, 121500, 122000, 122500, 123000, 123500, 124000, 124500, 125000, 125500, 126000, 126500, 127000, 127500, 128000, 128500, 129000, 129500, 130000, 130500, 131000, 131500, 132000, 132500, 133000, 133500, 134000, 134500, 135000, 135500, 136000, 136500, 137000, 137500, 138000, 138500, 139000, 139500, 140000, 140500, 141000, 141500, 142000, 142500, 143000, 143500, 144000, 144500, 145000, 145500, 146000, 146500, 147000, 147500, 148000, 148500, 149000, 149500, 150000, 150500, 151000, 151500, 152000, 152500, 153000, 153500, 154000, 154500, 155000, 155500, 156000, 156500, 157000, 157500, 158000, 158500, 159000, 159500, 160000, 160500, 161000, 161500, 162000, 162500, 163000, 163500, 164000, 164500, 165000, 165500, 166000, 166500, 167000, 167500, 168000, 168500, 169000, 169500, 170000, 170500, 171000, 171500, 172000, 172500, 173000, 173500, 174000, 174500, 175000, 175500, 176000, 176500, 177000, 177500, 178000, 178500, 179000, 179500, 180000, 180500, 181000, 181500, 182000, 182500, 183000, 183500, 184000, 184500, 185000, 185500, 186000, 186500, 187000, 187500, 188000, 188500, 189000, 189500, 190000, 190500, 191000, 191500, 192000, 192500, 193000, 193500, 194000, 194500, 195000, 195500, 196000, 196500, 197000, 197500, 198000, 198500, 199000, 199500, 200000, 200500, 201000, 201500, 202000, 202500, 203000, 203500, 204000, 204500, 205000, 205500, 206000, 206500, 207000, 207500, 208000, 208500, 209000, 209500, 210000, 210500, 211000, 211500, 212000, 212500, 213000, 213500, 214000, 214500, 215000, 215500, 216000, 216500, 217000, 217500, 218000, 218500, 219000, 219500, 220000, 220500, 221000, 221500, 222000, 222500, 223000, 223500, 224000, 224500, 225000, 225500, 226000, 226500, 227000, 227500, 228000, 228500, 229000, 229500, 230000, 230500, 231000, 231500, 232000, 232500, 233000, 233500, 234000, 234500, 235000, 235500, 236000, 236500, 237000, 237500, 238000, 238500, 239000, 239500, 240000, 240500, 241000, 241500, 242000, 242500, 243000, 243500, 244000, 244500, 245000, 245500, 246000, 246500, 247000, 247500, 248000, 248500, 249000, 249500, 250000, 250500, 251000, 251500, 252000, 252500, 253000, 253500, 254000, 254500, 255000, 255500, 256000, 256500, 257000, 257500, 258000, 258500, 259000, 259500, 260000, 260500, 261000, 261500, 262000, 262500, 263000, 263500, 264000, 264500, 265000, 265500, 266000, 266500, 267000, 267500, 268000, 268500, 269000, 269500, 270000, 270500, 271000, 271500, 272000, 272500, 273000, 273500, 274000, 27



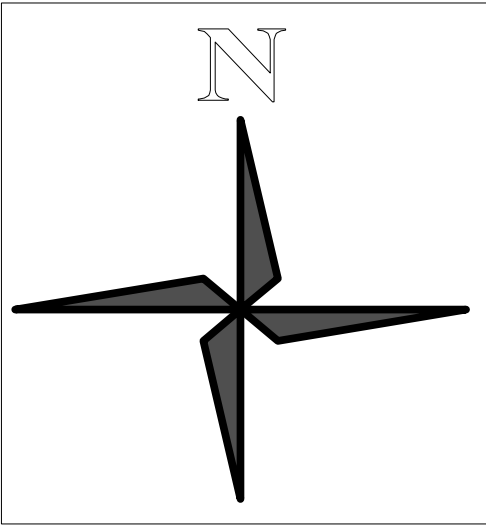
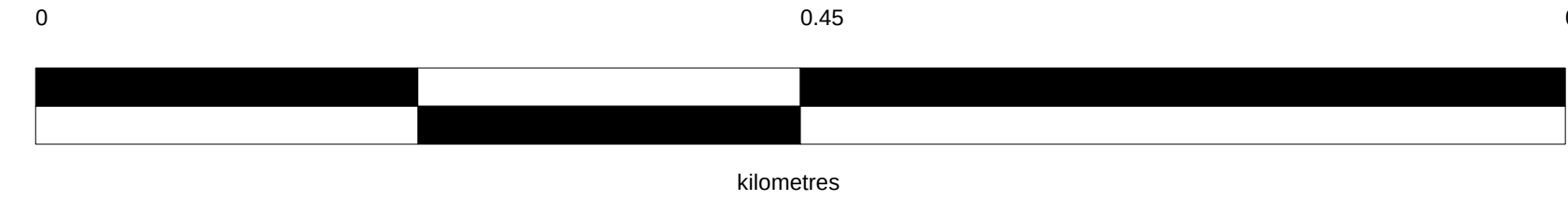
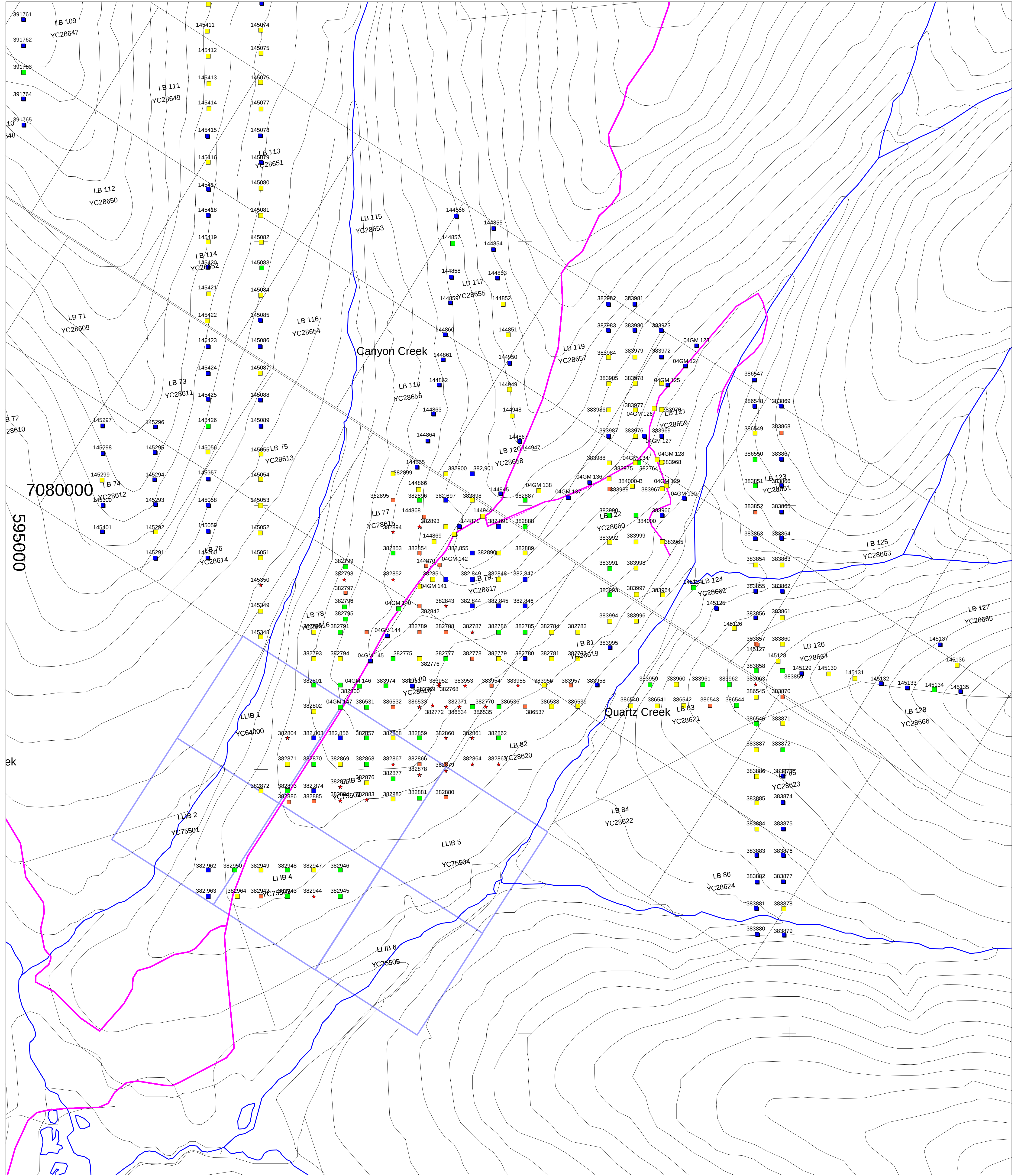
- less than 2 ppb
- between 0 and 3.2 ppb
- between 3 and 7.9 ppb
- between 8 and 15.9 ppb
- between 16 and 27.9 ppb
- ★ greater than 28 ppb



KLONDIKE STAR
MINERAL CORPORATION

10 February 2009

SOIL GEOCHEMISTRY 2008 FIELD AND COMPIlation



Au Values

■ less than 2 ppb

■ between 0 and 3.2 ppb

■ between 3 and 7.9 ppb

■ between 8 and 15.9 ppb

■ between 16 and 27.9 ppb

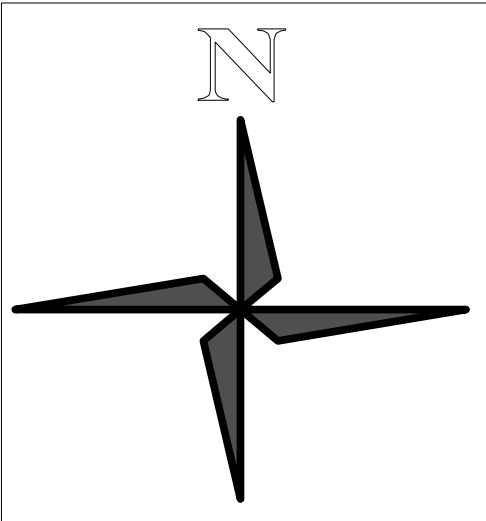
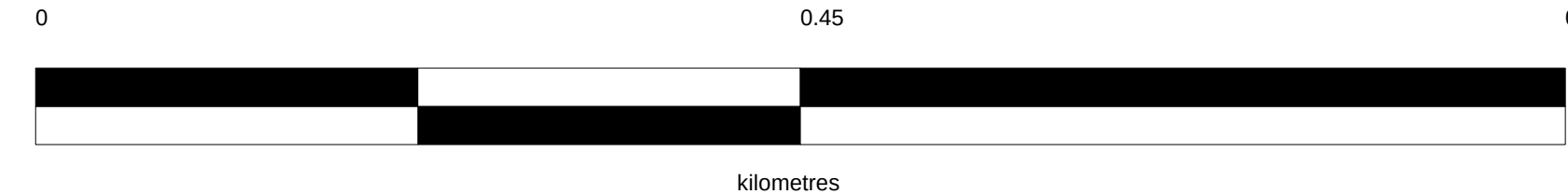
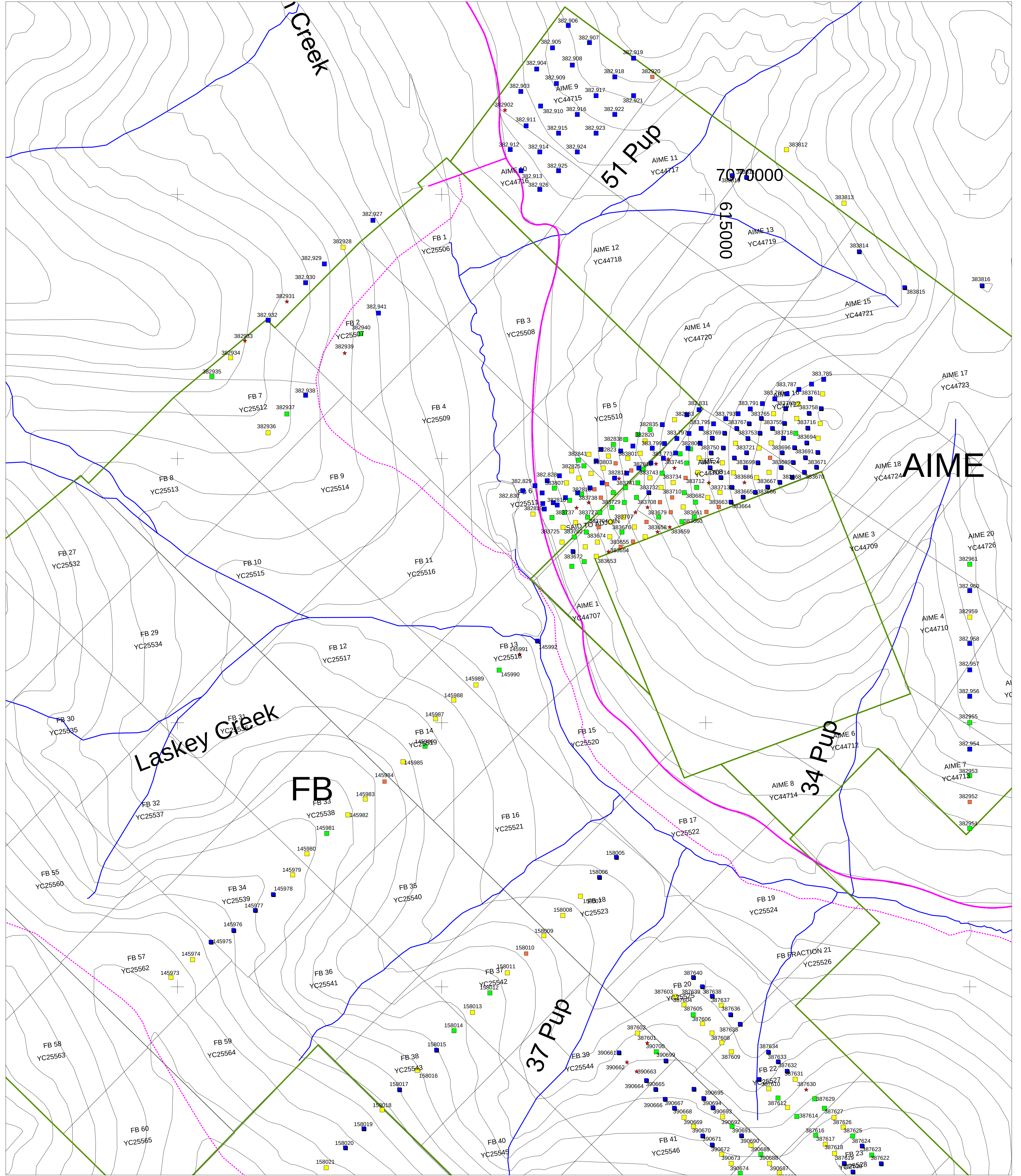
★ greater than 28 ppb

Sample numbers above symbol

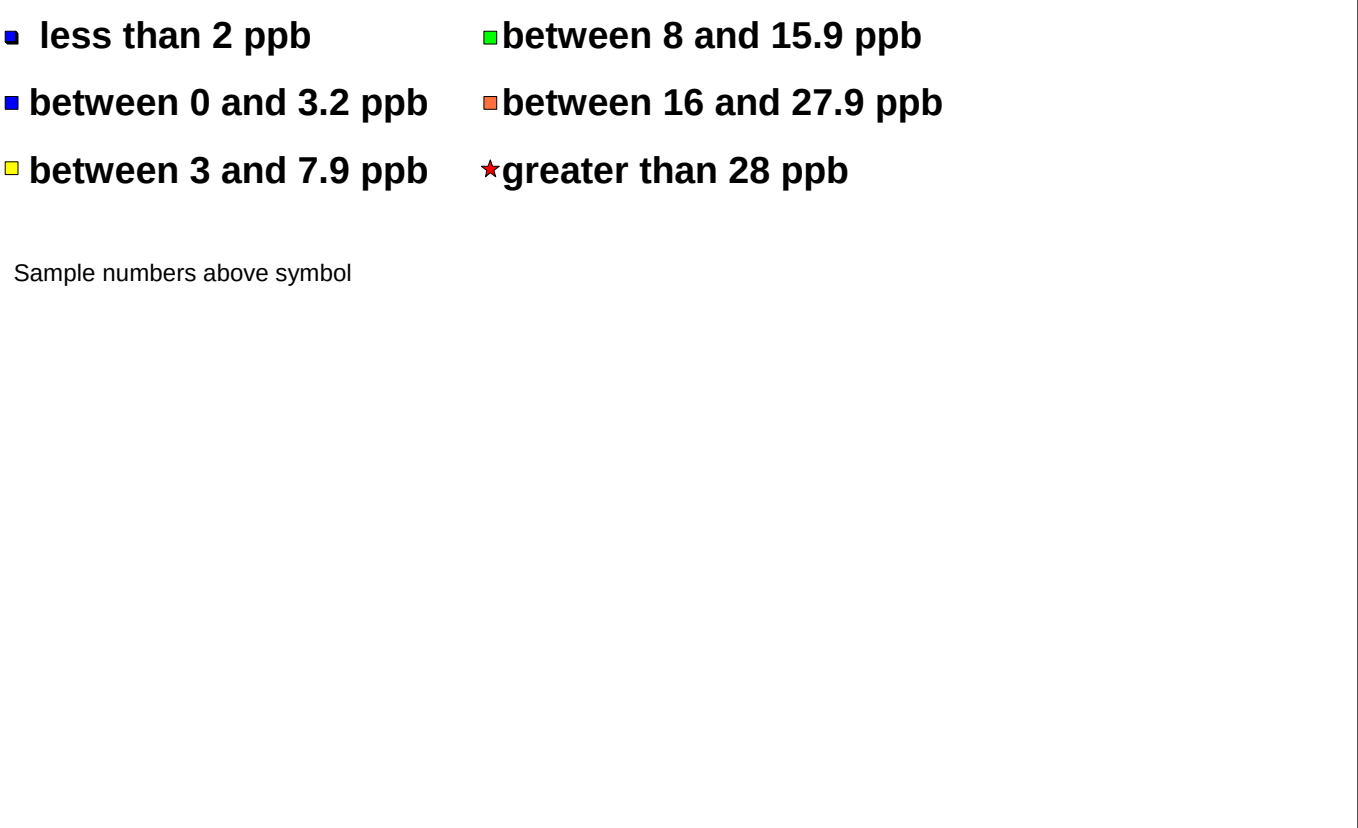


Regional Soil Geochemistry
2008 LLIB Claims
10 February 2009
Mapping By: TH

SOIL GEOCHEMISTRY 2008 FIELD AND COMPILATION



Au Values



Regional Soil Geochemistry
2008 Gold Run Claims

10 February 2009
Mapping By: TH